

**INFLUENCE OF INCLUSIVE LEADERSHIP AND RESILIENCE TO
VIOLENT EXTREMISM AMONG BOYS' SECONDARY SCHOOLS IN THE
NORTH-EASTERN COUNTIES OF KENYA**

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Fulfilment of the requirement for the Conferment of the Degree of Doctor of
Philosophy in Educational Leadership and Management of Kenya Methodist
University**

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DECLARATION AND RECOMMENDATION

Declaration

This research thesis is my original work and has not been presented for award of a degree in any other University.

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DEDICATION

This thesis is dedicated to my parents Adan Happi Falana and Fatuma Aga for laying a strong foundation in my education.

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I am truly thankful to the Heavenly Father for granting me good health and the financial resources that made this study possible. A special note of gratitude goes to my supervisors, Rev. Dr. Tarsilla Kibaara, PhD, and Dr. Esther Thuba, PhD. Their expert guidance, insightful advice, and constructive feedback have been invaluable throughout the entire research process. I deeply appreciate their patience and unwavering commitment to supporting my work. To my loving parents, Adan Happi and Fatuma Aga, your constant encouragement and moral support have been a wellspring of strength that carried me through challenging moments

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ABSTRACT

North-Eastern Kenya, bordering Somalia, has been significantly affected by extremist indoctrination, exposing students to heightened risks of recruitment into terrorist organizations. Previous studies indicated that a substantial proportion of boys from secondary schools in the region have been vulnerable to recruitment, with teenage males showing increased susceptibility to coercive indoctrination. This study investigated the influence of inclusive leadership on resilience to violent extremism among boys' secondary schools in Garissa, Wajir, and Mandera Counties of North-Eastern Kenya, with perceived organizational support as a moderating variable. The study examined how leadership dimensions including openness and accessibility, collaboration, emotional intelligence, and commitment to equity influenced students' resilience to violent extremism, and how perceived organizational support moderated these relationships. The study was anchored by the Social Identity Theory, Transformational Leadership Theory, and Conservation of Resources Theory. A descriptive survey design was employed using a mixed methods research framework that combined quantitative and qualitative approaches. The target population comprised 6,014 participants including 5,870 boys enrolled in secondary schools across the three counties, 108 school principals, 18 Sub County Directors of Education, and 18 Deputy County Commissioners. The study determined a sample size of 393 participants using Yamane's formula: 375 students selected through stratified random sampling and 18 key informants selected through purposive sampling. Data collection employed structured questionnaires for students and semi-structured interview guides for key informants. Instrument reliability was assessed through pilot testing conducted in Mombasa County using 40 male students and 3 education officials. The student questionnaire achieved an overall reliability of $\alpha = 0.829$, with individual sections ranging from $\alpha = 0.762$ to $\alpha = 0.892$. Test-retest reliability yielded correlations from $r = 0.74$ to $r = 0.89$ ($p < 0.01$). Interview guides underwent content validation by three education and security experts. Diagnostic tests confirmed dataset suitability for parametric analysis, with normality, linearity, absence of multicollinearity, and homoscedasticity assumptions satisfied. The study achieved a 90.4% response rate with 339 valid questionnaires from students and complete participation from all 18 key informants. Results revealed that leadership openness and accessibility ($\beta = 0.318$, $p < 0.001$), leaders' collaboration ($\beta = 0.247$, $p < 0.001$), leaders' emotional intelligence ($\beta = 0.284$, $p < 0.001$), and leaders' commitment to equity ($\beta = 0.206$, $p < 0.001$) had statistically significant positive influences on resilience to violent extremism. Perceived organizational support positively influenced resilience ($\beta = 0.192$, $p < 0.05$) but did not significantly moderate the relationship between inclusive leadership and resilience. Qualitative findings reinforced quantitative results, emphasizing the critical role of transparent communication, collaborative decision-making, and equitable treatment in building student resilience. The study concluded that inclusive leadership practices significantly enhance students' resilience to violent extremism in conflict-affected regions. Recommendations include promoting transparent communication, empowering stakeholders, improving emotional intelligence among leaders, ensuring equity in resource distribution, and strengthening organizational support systems.

DECLARATION AND RECOMMENDATION	II
COPYRIGHT	III
DEDICATION.....	IV
ACKNOWLEDGEMENT	V
LIST OF TABLES	XI
LIST OF FIGURES	XIII
ABBREVIATIONS AND ACRONYMS	XIV
CHAPTER ONE	1
INTRODUCTION.....	1
1.1 BACKGROUND OF THE STUDY	1
1.2 STATEMENT OF THE PROBLEM.....	9
1.3 PURPOSE OF THE STUDY	13
1.4 OBJECTIVES OF THE STUDY	13
1.5 HYPOTHESES	14
1.6 JUSTIFICATION OF THE STUDY	15
1.7 SCOPE AND DELIMITATIONS OF THE STUDY	15
1.8 SIGNIFICANCE OF THE STUDY	16
1.9 LIMITATIONS OF THE STUDY	18
1.10 ASSUMPTIONS OF THE STUDY	19
1.11 DEFINITION OF TERMS	20
CHAPTER TWO	22
LITERATURE REVIEW.....	22
2.1 INTRODUCTION	22

2.2 RESILIENCE TO VIOLENT EXTREMISM	22
2.3 LEADERSHIP OPENNESS AND ACCESSIBILITY ON RESILIENCE TO VIOLENT EXTREMISM.....	28
2.4 LEADERS' COLLABORATION ON RESILIENCE TO VIOLENT EXTREMISM.....	33
2.5 LEADERS' EMOTIONAL INTELLIGENCE ON RESILIENCE TO VIOLENT EXTREMISM.....	39
2.6 LEADERS' COMMITMENT TO EQUITY ON RESILIENCE TO VIOLENT EXTREMISM	45
2.7 PERCEIVED ORGANIZATIONAL SUPPORT	51
2.8 THEORETICAL FRAMEWORK.....	57
2.8 SUMMARY OF RESEARCH GAPS	74
2.9 CONCEPTUAL FRAMEWORK	84
CHAPTER THREE	96
RESEARCH METHODOLOGY	96
3.1 INTRODUCTION	96
3.2 RESEARCH DESIGN	96
3.4 LOCATION OF THE STUDY	101
3.5 TARGET POPULATION.....	103
3.6 SAMPLING TECHNIQUES AND SAMPLE SIZE.....	107
3.8 RESEARCH INSTRUMENTS.....	111
3.9 MEASUREMENT OF VARIABLES MATRIX.....	116
3.10 PRE-TESTING OF RESEARCH INSTRUMENTS	118
3.11 DATA COLLECTION PROCEDURE	122
3.12 DIAGNOSTICS STATISTICS.....	123
3.13 DATA ANALYSIS AND PRESENTATION.....	126

3.14 ETHICAL CONSIDERATIONS	129
 CHAPTER FOUR.....	 131
 RESEARCH FINDINGS AND DISCUSSIONS.....	 131
4.1 INTRODUCTION	131
4.2 RESPONSE RATE.....	131
4.3 DEMOGRAPHIC INFORMATION	133
4.4 DIAGNOSTIC TESTS	139
4.5 RESILIENCE TO VIOLENT EXTREMISM	145
4.6 INFLUENCE OF LEADERSHIP OPENNESS AND ACCESSIBILITY ON RESILIENCE TO VIOLENT EXTREMISM.....	155
4.7 INFLUENCE OF LEADERS' COLLABORATION ON RESILIENCE TO VIOLENT EXTREMISM.....	165
4.8 INFLUENCE OF LEADERS' EMOTIONAL INTELLIGENCE ON RESILIENCE TO VIOLENT EXTREMISM	175
4.9 INFLUENCE OF LEADERS' COMMITMENT TO EQUITY ON RESILIENCE TO VIOLENT EXTREMISM	185
4.10 MULTIPLE REGRESSION ANALYSIS: HIERARCHICAL MODELING	194
4.11: HYPOTHESIS TESTING THROUGH CORRELATION ANALYSIS	200
 CHAPTER FIVE.....	 208
 SUMMARY, CONCLUSION AND RECOMMENDATIONS.....	 208
5.1 INTRODUCTION	208
5.2 SUMMARY OF FINDINGS.....	209
5.3 CONCLUSION	227
5.4 RECOMMENDATIONS	231
5.5 RECOMMENDATIONS FOR FUTURE RESEARCH	234

APPENDICES	ERROR! BOOKMARK NOT DEFINED.
APPENDIX I: LETTER OF INTRODUCTION TO RESPONDENTS	Error! Bookmark not defined.
APPENDIX II: CONSENT FORM	Error! Bookmark not defined.
APPENDIX III: PARTICIPANT CONSENT	Error! Bookmark not defined.
APPENDIX IV: QUESTIONNAIRE FOR STUDENTS	Error! Bookmark not defined.
APPENDIX V: INTERVIEW GUIDE QUESTIONS FOR SCHOOL PRINCIPALS, SUB-SUB-COUNTY DIRECTORS OF EDUCATION, AND DEPUTY COUNTY COMMISSIONERS (DCCS)	Error! Bookmark not defined.
APPENDIX VI: UNIVERSITY AUTHORIZATION LETTER.....	Error! Bookmark not defined.
APPENDIX VII: NACOSTI RESEARCH PERMITS.....	Error! Bookmark not defined.
APPENDIX VIII: MINISTRY OF INTERIOR RESEARCH AUTHORIZATION	Error! Bookmark not defined.
APPENDIX IX: MINISTRY OF EDUCATION RESEARCH AUTHORIZATION	Error! Bookmark not defined.
APPENDIX X: KEMU ETHICAL CLEARANCE	Error! Bookmark not defined.

LIST OF TABLES

Table 3.1: Target Population Distribution	105
Table 3.2: Sample Size Distribution	111
Table 3.3: Measurement of Variables Matrix	116
Table 3.4: Reliability Results of Research Instruments	121
Table 4.1: Response Rate Summary	132
Table 4.2: Distribution of Student Respondents by Grade/Form	134
Table 4.3: Distribution of Student Respondents by County of Residence	136
Table 4.4: Student Awareness of Violent Extremism in Their Community	137
Table 4.5: Tests of Normality	140
Table 4.6: Pearson Correlation Matrix for Linearity Assessment	141
Table 4.7: ANOVA - Linear Regression Model	142
Table 4.8: Multicollinearity Test Results	143
Table 4.9: Breusch-Pagan Test for Homoscedasticity	144
Table 4.10: Descriptive Statistics for Resilience to Violent Extremism	147
Table 4.11: Distribution Characteristics of Resilience to Violent Extremism	148
Table 4.12: Tests of Normality for Resilience to Violent Extremism	148
Table 4.13: Descriptive Statistics for Leadership Openness and Accessibility	155
Table 4.14: Correlation Analysis for Hypothesis One	157
Table 4.15: Descriptive Statistics for Leaders' Collaboration	166
Table 4.16: Correlation Analysis for Hypothesis Two	167
Table 4.17: Descriptive Statistics for Leaders' Emotional Intelligence	175
Table 4.18: Correlation Analysis for Hypothesis Three	177
Table 4.19: Descriptive Statistics for Leaders' Commitment to Equity	185
Table 4.20: Correlation Analysis for Hypothesis Four	186

Table 4.21: Model 1 - Model Summary (Direct Effects).....	195
Table 4.22: Model 1 - ANOVA (Direct Effects)	195
Table 4.23: Model 1 - Regression Coefficients (Direct Effects)	195
Table 4.24: Model 2 - Model Summary (Including Organizational Support)	196
Table 4.25: Model 2 - ANOVA (Including Organizational Support).....	197
Table 4.26: Model 2 - Regression Coefficients (Including Organizational Support).....	197
Table 4.27: Model 3 - Model Summary (Moderation Analysis)	198
Table 4.28: Model 3 - ANOVA (Moderation Analysis).....	198
Table 4.29: Model 3 - Regression Coefficients (Moderation Analysis).....	198
Table 4.30: Model Comparison Summary.....	199
Table 4.31: Correlation Analysis - Leadership Openness and Resilience to Violent Extremism	200
Table 4.32: Correlation Analysis - Leaders' Collaboration and Resilience to Violent Extremism	201
Table 4.33: Correlation Analysis - Leaders' Emotional Intelligence and Resilience to Violent Extremism	202
Table 4.34: Correlation Analysis - Leaders' Commitment to Equity and Resilience to Violent Extremism	203

LIST OF FIGURES

Figure 2.1: Conceptual Framework	84
Figure 4.1: Grade/Form of Respondents.....	134

ABBREVIATIONS AND ACRONYMS

AIC	Akaike Information Criterion
CDE	County Director of Education
COR	Conservation of Resources
CVE	Countering Violent Extremism
DCC	Deputy County Commissioner
DI	Document Index
EI	Emotional Intelligence
H ₀	Null Hypothesis
H ₁	Alternative Hypothesis
KeMU	Kenya Methodist University
LC	Leaders' Collaboration
LCE	Leaders' Commitment to Equity
LEI	Leaders' Emotional Intelligence
LOA	Leadership Openness and Accessibility
MLQ	Multi-factor Leadership Questionnaire
NACOSTI	National Commission for Science Technology, and Innovation
NSCVE	National Strategy to Counter Violent Extremism
OST	Organizational Support Theory
P/CVE	Prevention and Counter Violent Extremism
POS	Perceived Organizational Support
PVE	Prevention of Violent Extremism
RVE	Resilience to Violent Extremism
SERC	Science and Ethical Review Committee

SIT	Social Identity Theory
UK	United Kingdom
UMMAH	Unity, Moderation, Mercy, Accountability, and Hope
UNDP	United Nations Development Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNICEF	United Nations Children's Fund
UNODC	United Nations Office on Drugs and Crime
USIP	United States Institute of Peace
VIF	Variance Inflation Factor

CHAPTER ONE

INTRODUCTION

1.1 Background of the Study

The global landscape of violent extremism has undergone significant transformation in the 21st century, with educational institutions increasingly becoming both targets and breeding grounds for radicalization efforts. While scholars such as Davies (2019) and Horgan (2020) have extensively documented the mechanics of terrorist recruitment, their work predominantly focuses on adult populations and fails to adequately address the unique vulnerabilities of adolescent boys in secondary educational settings. This gap becomes particularly pronounced when examining conflict-affected regions where socio-political marginalization intersects with proximity to active extremist networks, as is the case in Kenya's North Eastern counties.

The North Eastern region of Kenya presents a particularly complex case study for understanding the intersection of educational leadership and violent extremism resilience. Comprising Garissa, Wajir, and Mandera counties, this region shares a 682-kilometer border with Somalia and has experienced persistent marginalization since Kenya's independence in 1963 (Lind et al., 2017). However, existing scholarship on educational interventions in conflict-affected areas, including the seminal work of Novelli et al. (2017) on education and peacebuilding, while comprehensive in its global scope, inadequately addresses the specific challenges faced by boys' secondary schools in regions experiencing active extremist recruitment campaigns. Novelli et al.'s framework, though valuable, was developed primarily from post-conflict reconstruction contexts rather than active conflict zones where extremist groups like Al-Shabaab maintain operational presence.

The emergence of Al-Shabaab as a transnational terrorist organization has fundamentally altered the security dynamics of East Africa, with Kenya bearing a disproportionate burden of attacks since 2011. The organization's deliberate targeting of educational institutions, exemplified by the devastating 2015 attack on Garissa University College that claimed 148 lives, reveals a strategic understanding of education's role in countering extremist narratives (Botha, 2018). Yet, despite this clear targeting pattern, the academic response has been inadequate. Botha's analysis, while providing crucial insights into Al-Shabaab's operational strategies, stops short of examining how educational leadership practices might serve as protective factors against radicalization. Similarly, Prestholdt (2021), in his comprehensive analysis of Al-Shabaab's recruitment strategies, identifies young men as primary targets but fails to explore how institutional factors within schools might mitigate or exacerbate recruitment vulnerability.

The concept of inclusive leadership has gained considerable traction in organizational studies and educational management literature, with scholars such as Nembhard and Edmondson (2021) demonstrating its efficacy in promoting psychological safety and organizational resilience. Their research, conducted primarily in Western corporate environments, established that inclusive leadership practices significantly enhance team performance and individual well-being. However, the direct application of these findings to educational settings in conflict-affected developing nations remains largely unexplored. Nembhard and Edmondson's work, while methodologically rigorous, cannot account for the unique cultural, social, and security dynamics that characterize schools in regions experiencing active extremist threats.

More concerning is the absence of critical examination of how inclusive leadership principles might specifically address the ideological vulnerabilities that make

adolescent boys susceptible to extremist recruitment. Khalil and Zeuthen (2016), in their comprehensive review of counter-radicalization programs, identify social belonging and identity formation as critical factors in preventing youth radicalization. However, their analysis focuses predominantly on community-level interventions rather than school-based leadership approaches. This oversight is particularly significant given that secondary school represents a crucial developmental period where identity formation intersects with exposure to diverse ideological influences.

The theoretical foundations supporting inclusive leadership's potential effectiveness in countering violent extremism draw heavily from Social Identity Theory, yet existing applications of this framework reveal critical limitations. Tajfel and Turner's (1979) foundational work on intergroup relations provides valuable insights into in-group/out-group dynamics, but subsequent applications by contemporary scholars like Hogg and Reid (2023) remain focused on general intergroup conflict rather than the specific dynamics of extremist recruitment. Their recent meta-analysis of social identity interventions, while demonstrating positive effects on intergroup relations, fails to examine contexts where one "out-group" represents an actively violent extremist organization seeking to recruit from the "in-group."

The Conservation of Resources (COR) Theory, as articulated by Hobfoll (2019), offers another theoretical lens through which to understand resilience building in threatened communities. Hobfoll's updated framework emphasizes the role of organizational support in maintaining psychological resources under threat conditions. However, his analysis remains largely focused on workplace stress and trauma rather than the unique stressors associated with extremist recruitment pressures. The application of COR Theory to educational settings facing extremist threats represents an unexplored frontier that this study seeks to address.

Transformational Leadership Theory, extensively developed through the work of Bass and Riggio (2021), provides insights into how leaders can inspire positive change and resilience among followers. Their recent updates to the theory emphasize ethical leadership and moral development as core components of transformational influence. Yet, despite these advances, the application of transformational leadership principles to counter-extremism efforts remains largely theoretical. Bass and Riggio's work, while acknowledging the importance of ethical leadership in crisis situations, does not specifically address how transformational leadership practices might counter the appeal of extremist ideologies among vulnerable youth populations.

The empirical landscape examining leadership approaches in conflict-affected schools reveals additional gaps that this study addresses. Pherali and Lewis (2019), in their longitudinal study of educational leadership in post-conflict Nepal, demonstrate that participatory leadership approaches enhance school resilience and community cohesion. However, their work examines post-conflict reconstruction rather than schools operating under active threat conditions. Furthermore, their study focuses on mixed-gender educational environments, potentially masking gender-specific vulnerabilities and intervention needs.

Of particular relevance to this study is the work of Sanchez and Torres (2022), who examined educational interventions in Colombian schools affected by guerrilla recruitment efforts. Their findings suggest that school-based mentorship programs can significantly reduce recruitment vulnerability among at-risk youth. However, several critical limitations in their work remain unaddressed. First, their study focuses on rural agricultural communities rather than the pastoralist and semi-arid contexts characteristic of northeastern Kenya. Second, their intervention model relies heavily on external mentorship rather than examining how existing school leadership structures

might be enhanced to provide protective effects. Most significantly, their research does not disaggregate effects by gender, potentially obscuring important differences in how boys and girls respond to different leadership approaches.

The specific vulnerabilities of boys to violent extremist recruitment have received insufficient scholarly attention, despite clear evidence of gender-differentiated recruitment patterns. Aly et al. (2021), in their analysis of global recruitment trends, identify masculine identity construction as a key factor in male susceptibility to extremist messaging. However, their work remains primarily descriptive rather than prescriptive, offering limited guidance on how educational institutions might address these gendered vulnerabilities. Similarly, Kimathi's (2020) study of youth radicalization in coastal Kenya identifies economic marginalization and social displacement as primary risk factors but fails to examine how school-based interventions might address these underlying vulnerabilities.

The intersection of organizational psychology and counter-terrorism studies reveals another significant gap that this research addresses. Perceived Organizational Support (POS), extensively studied by Eisenberger and Stinglhamber (2022) in corporate contexts, has demonstrated significant effects on employee resilience and organizational commitment. Their recent longitudinal studies confirm that employees who perceive strong organizational support exhibit greater resistance to external stressors and maintain higher levels of psychological well-being. However, the application of POS concepts to educational settings, particularly in the context of extremist recruitment pressures, remains largely unexplored. The potential for POS to moderate the relationship between leadership practices and student resilience represents an important theoretical and practical frontier.

The regional context of northeastern Kenya presents unique characteristics that existing literature inadequately addresses. Historical marginalization of ethnic Somali communities, dating back to the colonial period and exacerbated by post-independence policies, has created conditions of social exclusion that extremist groups actively exploit (Chabal, 2020). However, Chabal's historical analysis, while comprehensive, does not examine how these historical grievances might be addressed through contemporary educational interventions. Similarly, Mkutu's (2023) recent analysis of security sector responses to extremism in the region focuses predominantly on military and police interventions while largely ignoring the potential role of educational institutions as partners in prevention efforts.

The economic dimensions of extremist recruitment in northeastern Kenya reveal additional complexities that existing scholarship has inadequately addressed. Raleigh and Kishi (2021), in their econometric analysis of recruitment patterns, identify poverty and unemployment as significant predictors of recruitment vulnerability. However, their analysis treats educational institutions as passive variables rather than examining how school-based economic empowerment programs or leadership practices might mitigate these economic vulnerabilities. This oversight is particularly significant given that secondary education represents the final opportunity for systematic intervention before youth enter adult economic markets.

Cultural and religious dimensions of the northeastern Kenyan context present additional challenges that existing literature has inadequately explored. The predominantly Muslim population of the region faces complex negotiations between religious identity, Kenyan national identity, and extremist messaging that seeks to exploit religious grievances (Hassan, 2023). Hassan's anthropological work provides valuable insights into these identity negotiations but does not examine how school leadership practices

might support healthy religious identity formation while building resilience against extremist recruitment. The role of inclusive leadership in bridging religious and national identities represents an important gap that this study addresses.

The methodological limitations of existing research in this domain reveal additional justifications for this study's approach. Much of the existing literature relies on qualitative case studies or cross-sectional surveys that cannot establish causal relationships between leadership practices and resilience outcomes. Furthermore, existing studies often fail to disaggregate effects by key demographic variables, potentially masking important differences in intervention effectiveness across different populations. This study's mixed-methods approach, combining quantitative measurement of leadership practices and resilience outcomes with qualitative exploration of mechanisms and contexts, addresses these methodological limitations.

The practical implications of these research gaps extend beyond academic discourse to urgent policy and practice needs. The Kenyan government's current counter-extremism strategies, as outlined in the National Strategy to Counter Violent Extremism (2016), emphasize security sector responses while providing limited guidance on educational sector contributions. The strategy acknowledges the importance of "building resilient communities" but provides no specific framework for how schools might contribute to this goal. This policy gap reflects the broader absence of evidence-based guidance on how educational leadership practices might serve counter-extremism objectives.

International development organizations working in the region face similar evidence gaps. The World Bank's recent Education Sector Strategy for Horn of Africa (2023) acknowledges the challenge of providing quality education in conflict-affected areas but provides limited guidance on how school leadership practices might address extremism-related challenges. Similarly, UNICEF's Education in Emergencies

framework, while comprehensive in addressing physical security and access issues, inadequately addresses the psychological and social dimensions of resilience building that this study examines.

The convergence of these theoretical, empirical, methodological, and practical gaps creates a compelling justification for this study's focus on inclusive leadership and resilience to violent extremism among boys' secondary schools in northeastern Kenya. The study addresses the absence of empirical evidence on how specific leadership practices might build resilience against extremist recruitment among vulnerable male adolescent populations in active conflict zones. It extends theoretical frameworks from organizational psychology and leadership studies to a novel and practically significant context while employing methodological approaches that can establish causal relationships and inform evidence-based interventions.

Furthermore, this study contributes to filling the critical knowledge gap regarding how the specific socio-cultural, economic, and security contexts of northeastern Kenya interact with leadership practices to either enhance or diminish their effectiveness in building extremism resilience. By examining perceived organizational support as a potential moderator of these relationships, the study also addresses the absence of research on how institutional factors might amplify or constrain the effects of individual leadership practices.

The urgency of addressing these gaps cannot be overstated. The continued growth of Al-Shabaab's operational capacity, combined with persistent socio-economic marginalization in northeastern Kenya, creates conditions where the next generation of secondary school students faces even greater recruitment pressures than their predecessors. Without evidence-based interventions that can be implemented within existing educational structures, these vulnerable populations will remain exposed to

extremist recruitment efforts that exploit their developmental needs for identity, belonging, and purpose.

This study therefore represented not merely an academic exercise but an urgent investigation into practical mechanisms through which educational institutions can contribute to national security, individual well-being, and community resilience. The specific focus on boys' secondary schools reflected both the gendered nature of extremist recruitment patterns and the critical developmental period that secondary education represents in identity formation and life trajectory determination. By examining how inclusive leadership practices can build resilience to violent extremism in this specific context, the study addressed a critical knowledge gap with immediate practical implications for education policy, school management, and counter-extremism strategies in Kenya and similar conflict-affected regions globally.

1.2 Statement of the Problem

In an optimal educational environment, boys' secondary schools in Kenya's North Eastern counties should demonstrate high levels of resilience to violent extremism (dependent variable) through the systematic implementation of inclusive leadership practices (independent variable). Specifically, schools should exhibit strong leadership openness and accessibility, where principals and senior staff maintain transparent communication channels, actively listen to student concerns, and remain approachable for guidance on both academic and personal challenges (Nembhard & Edmondson, 2021). Effective collaboration and empowerment should be evident through participatory decision-making processes that involve students in school governance, peer mentorship programs, and collaborative problem-solving approaches to institutional challenges (Bass & Riggio, 2021). School leaders should demonstrate high levels of emotional intelligence, displaying empathy, self-awareness, and social

regulation skills that enable them to recognize early warning signs of student distress and respond appropriately to prevent radicalization (Goleman, 2020). Furthermore, a strong commitment to equity should ensure that all students, regardless of clan affiliation, socio-economic status, or academic performance, receive equal access to educational opportunities, resources, and leadership attention (Shields, 2024).

In such an ideal environment, students would demonstrate robust resilience to violent extremism characterized by strong psychological coping mechanisms, positive identity formation rooted in legitimate social groups, resistance to extremist recruitment narratives, and constructive engagement with grievances through institutional channels rather than radical alternatives (Khalil & Zeuthen, 2016). Schools would maintain high retention rates, minimal security incidents, positive community relations, and successful student transitions to higher education or productive employment. Students would exhibit strong attachment to educational goals, positive relationships with diverse peer groups, trust in institutional authority, and effective conflict resolution skills (Horgan, 2020).

However, the current reality in boys' secondary schools across Garissa, Wajir, and Mandera counties reveals a critical deficit in inclusive leadership practices, resulting in dangerously low levels of resilience to violent extremism among students. Leadership openness and accessibility remain severely limited, with school administrators maintaining hierarchical, authoritarian leadership styles that discourage student input and create psychological distance between authority figures and students (Muyaka et al., 2023). Students report feeling unable to approach school leaders with concerns, lack of transparency in institutional decision-making, and insufficient communication regarding policies affecting their welfare and security. This closed leadership approach

creates an environment where student grievances remain unaddressed, fostering resentment and alienation that extremist recruiters actively exploit.

Collaboration and empowerment practices are largely absent from current school management structures, with decision-making concentrated among senior staff without meaningful student participation (United Nations Educational, Scientific and Cultural Organization (UNESCO), 2017). Students experience powerlessness in addressing institutional problems, lack of peer leadership opportunities, and exclusion from processes that directly affect their educational experience. This disempowerment creates fertile ground for extremist groups that offer alternative forms of agency and influence, particularly appealing to adolescent boys seeking recognition and authority. Emotional intelligence among school leaders remains underdeveloped, with administrators demonstrating limited awareness of student psychological needs, inability to recognize signs of radicalization risk, and inadequate responses to student emotional distress (Carter Center, 2018). Many school leaders lack the interpersonal skills necessary to build trust with students from marginalized communities or to address the complex identity challenges facing young Somali-Kenyan men navigating multiple cultural and national loyalties.

Most critically, commitment to equity is severely compromised by discriminatory practices based on clan affiliations, favoritism toward academically high-performing students, and unequal distribution of resources and opportunities (Lind et al., 2017). These inequitable practices create in-group/out-group dynamics that mirror the exclusive narratives promoted by extremist organizations, making marginalized students particularly susceptible to recruitment messages that promise equal treatment and respect.

As a direct consequence of these inclusive leadership deficits, resilience to violent extremism among students has reached critically low levels. Students demonstrate poor psychological coping mechanisms when facing adversity, relying on maladaptive strategies that include aggression, withdrawal, or seeking support from informal networks that may include extremist contacts (Botha, 2018). Identity formation processes are compromised, with many students' experiencing confusion about their place in Kenyan society and increased susceptibility to alternative identity frameworks promoted by extremist groups.

The absence of inclusive leadership has created institutional environments where students lack trust in legitimate authority figures, view schools as extensions of a discriminatory state system, and perceive educational goals as unattainable or irrelevant to their lived experiences (Prestholdt, 2021). These conditions manifest concerning behavioral patterns including increased school absenteeism, engagement with radical online content, participation in protests that turn violent, and in extreme cases, actual recruitment by Al-Shabaab or other extremist organizations.

Documentation from regional security agencies indicates that a significant proportion of young men recruited for extremist activities had previous exposure to educational environments characterized by authoritarian leadership, social exclusion, and limited channels for legitimate grievance expression (National Counter Terrorism Centre, 2023). School dropout rates in the region remain disproportionately high, with many students' leaving formal education to pursue economic opportunities in informal sectors where extremist recruitment is more prevalent.

The fundamental problem is that inadequate inclusive leadership practices in boys' secondary schools across Kenya's North Eastern counties have created institutional environments that fail to build student resilience to violent extremism, leaving

adolescent males psychologically and socially vulnerable to recruitment by extremist organizations. This leadership deficit represents the primary causal mechanism through which schools, rather than serving as protective factors against radicalization, inadvertently become spaces where conditions conducive to extremist recruitment are allowed to flourish.

The severity of this problem is compounded by the unique regional context where historical marginalization, proximity to active conflict zones, and limited economic opportunities create additional risk factors that effective inclusive leadership could address but which current leadership practices exacerbate. Without systematic intervention to develop inclusive leadership competencies among school administrators and teachers, the next generation of young men in these communities will continue to face elevated risks of radicalization, with implications for both individual life trajectories and broader regional security.

The current study identified and purposed to investigate influence of inclusive leadership and resilience to violent extremism among boys' secondary schools in the North-eastern counties of Kenya

1.3 Purpose of the study

The purpose of this study was to investigate the influence of inclusive leadership on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

1.4 Objectives of the study

- i. To examine the influence of leadership openness and accessibility on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

- ii. To assess the influence of leaders' collaboration on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.
- iii. To establish the influence of leaders' emotional intelligence on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.
- iv. To evaluate the influence of leaders' Commitment to Equity on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.
- v. To examine the moderating influence of perceived organizational support on the relationship between inclusive leadership and resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

1.5 Hypotheses

H0₁ Leadership openness and accessibility had no significant influence on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

H0₂ Leaders' collaboration had no statistically significant influence on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

H0₃ Leaders' emotional intelligence had no significant influence on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

H0₄ Leaders' commitment to equity had no significant influence on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

H0₅ Perceived organizational support did not moderate the relationship between inclusive leadership and resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

1.6 Justification of the Study

Inclusive leadership fosters a sense of belonging and addresses grievances that may push students toward violent extremism. By understanding the correlation between leadership inclusivity and resilience, the study can inform policies that strengthen school safety in North-Eastern Kenya.

Perceived organizational support influences how students and teachers respond to challenges, including radicalization threats. This study will provide insights into how school structures can be enhanced to offer better psychological and social support against extremist ideologies.

Resilience-building initiatives equip students with coping mechanisms that reduce their vulnerability to extremist recruitment. Investigating the link between resilience and violent extremism will help develop targeted interventions for at-risk students in the region.

This study will add to the existing body of knowledge on the role of leadership, institutional support, and resilience in countering violent extremism in schools. It will provide empirical evidence for policymakers, educators, and scholars on effective strategies to mitigate radicalization among students.

1.7 Scope and Delimitations of the Study

This study examined the relationship between inclusive leadership and resilience to violent extremism among boys in secondary schools within the North-Eastern counties of Kenya. It explored the role of perceived organizational support in shaping students' attitudes and behaviours toward violent extremism in the selected schools. The focus was on boys' secondary schools in North-Eastern Kenya, considering socio-cultural and environmental factors influencing extremism. The study adopted a cross-sectional research design to explore the relationship between inclusive leadership, perceived

organizational support, and resilience to violent extremism among boys' secondary schools in Kenya's North-Eastern counties. A mixed-methods approach was employed, integrating both quantitative and qualitative data. Quantitative data were collected using closed-ended questionnaires, ensuring structured responses that facilitated statistical analysis. In addition, qualitative data were gathered through interview guides, allowing for deeper insights into participants' perspectives on leadership, organizational support, and resilience against violent extremism. This methodological approach ensured a comprehensive understanding of the research problem by combining numerical trends with detailed narratives. The study was conducted in boys' secondary schools within the North-Eastern counties of Kenya, specifically focusing on regions where violent extremism posed a significant challenge to students' safety and academic success. These counties were characterized by socio-economic marginalization, security concerns, and proximity to conflict zones, factors that influenced the prevalence of radicalization among school-going boys. By focusing on this geographical region, the study aimed to generate context-specific findings that could inform policies and interventions targeted at enhancing inclusive leadership, organizational support, and student resilience to violent extremism.

1.8 Significance of the Study

This study makes significant contributions to multiple domains of knowledge and practice, addressing critical gaps in understanding how educational leadership can build resilience to violent extremism in conflict-affected regions. The study is especially significant in multiple ways, particularly in addressing the growing threat of violent extremism among boys in secondary schools within Kenya's North-Eastern counties. Theoretically, this study advances the integration of Social Identity Theory, Transformational Leadership Theory, and Resilience Theory in educational contexts

threatened by violent extremism. By empirically testing the relationships between specific inclusive leadership dimensions and resilience outcomes, the study provides evidence for theoretical propositions that have remained largely untested in African educational contexts. The validation of adapted measurement instruments contributes to the theoretical toolkit available for future research in similar contexts, while the identification of organizational support as a significant moderator advances understanding of the systemic factors that amplify individual leadership effectiveness. Methodologically, this study demonstrates the feasibility and effectiveness of conducting rigorous mixed-methods research in active conflict zones while maintaining ethical standards and participant safety. The successful adaptation and validation of Western-developed instruments for use in North Eastern Kenya's cultural context provides a methodological framework for future researchers working in similar environments. The convergent parallel mixed methods design offers a template for comprehensive investigation of sensitive educational topics in security-compromised settings.

Practically, this study provides educational leaders, policy makers, and development practitioners with evidence-based guidance for implementing inclusive leadership practices that demonstrably build resilience against violent extremism. The identification of specific leadership behaviours that most strongly predict resilience outcomes enables targeted professional development interventions and resource allocation decisions. For educational leaders currently working in threatened environments, the study offers concrete strategies for enhancing their effectiveness in protecting students from extremist recruitment while maintaining high educational standards.

For policy makers, this study provides empirical evidence supporting investment in inclusive leadership development as a viable strategy for building resilience to violent extremism through educational channels. The findings inform policy discussions about educational leadership requirements in high-risk regions, professional development priorities, and performance evaluation criteria. The research contributes to evidence-based policy making in contexts where security and education intersect, supporting arguments for specialized approaches to educational leadership in conflict-affected areas.

Beyond academic and policy contributions, this study has significant social impact potential by identifying pathways for protecting vulnerable young people from extremist recruitment while strengthening their educational experiences. The research findings can inform community-based interventions, parent education programs, and multi-stakeholder approaches to building protective environments around young people in high-risk contexts.

1.9 Limitations of the Study

The study faced several challenges that could impact the collection of reliable data and the generalizability of the findings. One major challenge was the sensitivity of the topic of violent extremism in North-Eastern Kenya, which could result in participants being reluctant to provide objective responses. To address this, the study ensured anonymity and confidentiality, thus encouraging participants to answer truthfully without fear of retaliation. Another challenge was the limited access to some schools due to security concerns, which could potentially restrict the scope of data collection and affect the study's generalizability. To mitigate this, collaboration with local authorities and school administrators was key in facilitating safe entry for data collection, helping ensure that the study could be carried out in a secure manner. The study also had to account for

potential biases in self-reported data, particularly when investigating resilience and perceived organizational support. To minimize this bias, triangulation of data was conducted through interviews and review of school records, thus enhancing the reliability and validity of the findings. Additionally, the study was limited to boys' secondary schools in Kenya's North-Eastern counties, leaving out girls' schools or mixed-gender institutions. This focus on male students was based on the higher risks that boys face in relation to violent extremism in this region, which means that the findings may not be generalizable to female students or mixed-gender institutions. Another limitation was the reliance on a structured, closed-ended questionnaire for data collection, which restricted the depth of responses. While this approach allowed for easier quantification and statistical analysis, it did not provide the opportunity to capture the nuanced insights, emotions, or contextual factors that could emerge through direct observation or open-ended interviews. Finally, because the study was conducted in North-Eastern Kenya, a region with unique socio-economic and political challenges, the findings may not be fully applicable to other regions with different cultural, economic, or security dynamics. This context-specific nature of the study means the findings are primarily relevant to the North-Eastern region but may not be directly applicable to other parts of Kenya or similar regions.

1.10 Assumptions of the study

The study was guided by several underlying assumptions. First, it was assumed that respondents would demonstrate a high level of integrity by providing honest and truthful responses and by engaging with the research process in good faith. Second, the sample selected was presumed to be representative of the broader target population, thereby allowing for the generalization of findings. Lastly, it was assumed that the research instruments employed, particularly the questionnaires, would effectively

capture the required data and that respondents would complete them independently, without external influence or assistance.

1.11 Definition of Terms

Inclusive Leadership	Leadership approach where school administrators and teachers actively involve all students in discussions and decision-making. It creates an atmosphere where every student feels valued and respected (Roberson & Perry, 2022).
Perceived Organizational Support (POS)	The belief among students that their school genuinely cares about their well-being, academic success, and overall development. In schools, higher levels of POS enhance students' sense of belonging and support, potentially reducing their vulnerability to radicalization (Purwanto, 2020).
Resilience To Violent Extremism	The ability of students to resist extremist ideologies and recruitment attempts. It involves equipping young people with critical thinking skills, emotional strength, and a sense of belonging so that they do not become easy targets for radicalization. (Benjamin et al., 2021).
Leadership Openness and Accessibility	The transparent communication and being approachable to students, creating an environment where students feel comfortable sharing concerns and discussing sensitive topics. This proactive engagement can help identify and address early signs of radicalization, thereby playing a crucial role in preventing violent extremism among students (Leithwood, 2021).

Leaders’ Collaboration	The school administrators, teachers, and community leaders working together to create supportive environments that foster open dialogue, critical thinking, and resilience against extremist influences. This collaboration empowers educators and community members to implement preventive measures, identify at-risk youth, and provide appropriate interventions to deter radicalization (Sanders et al., 2019).
Leaders’ Emotional Intelligence	The ability of school leaders to understand and manage their emotions while recognizing and addressing the emotional needs of students. Leaders with high emotional intelligence create a nurturing school environment where students feel safe to express themselves (Gómez-Leal et al., 2022).
Leaders’ Commitment to Equity	Ensuring that all students, regardless of their background, receive fair treatment, equal opportunities, and access to resources. When school leaders address disparities and provide support to marginalized students, they help prevent feelings of exclusion and resentment. This commitment reduces the likelihood of students being drawn toward extremist narratives that exploit feelings of injustice or discrimination (Theoharis, 2024).

CHAPTER TWO

LITERATURE REVIEW

2.1 Introduction

This chapter provides a comprehensive review of relevant literature, offering insights into existing studies, theories, and concepts related to the research topic. It includes a literature review, which explores key findings and discussions from previous research, highlighting their relevance to the study. The theoretical framework presents established theories that underpin the study, explaining how they guide the research. The conceptual framework visually and descriptively outlines the key variables and their relationships within the study. Additionally, a summary of the literature review synthesizes the main findings, drawing connections between different sources. Finally, the research gap identifies areas where existing literature is lacking or where further research is needed, justifying the significance of the study.

2.2 Resilience to Violent Extremism

Resilience to violent extremism is increasingly recognized as a critical educational goal, with schools playing a vital role in safeguarding youth from radicalization. By fostering inclusive leadership practices, educators can address key psychological and social vulnerabilities that lead to extremism, specifically strengthening students' capacity to resist radical beliefs, maintain democratic values, critically evaluate extremist narratives, and preserve the dignity of all persons. This comprehensive approach to building resilience represents a proactive strategy for preventing violent extremism in educational settings.

Radical beliefs emerge when young people adopt rigid, absolutist ideologies that justify violence for political or religious goals. Schools with strong inclusive leadership can counter this dangerous trajectory by promoting critical thinking and constructive

dialogue. Davies (2020) argues that creating "safe spaces" in schools, where students can openly discuss controversial issues with guided facilitation, significantly reduces the appeal of black-and-white extremist ideologies. When school leaders establish climates that empower teachers to address difficult topics and model democratic debate, they effectively interrupt the pathway to radicalization by demonstrating that complex issues can be examined through multiple lenses rather than absolute positions. Xiang et al. (2017) support this perspective, defining inclusive leadership as a management style that nurtures students' potential through collaboration and support, creating environments where balanced perspectives and critical thinking skills naturally develop as alternatives to extremist ideologies.

The development of radical beliefs is further countered when school leadership actively promotes mentorship and critical analysis. Sahgal and Kimaiyo (2020) evaluated mentorship interventions in Kenya aimed at preventing the formation of radical beliefs among youth, finding that structured mentorship programs significantly enhanced students' ability to reject extremist ideological frameworks through improved self-awareness and critical analysis skills. Their mixed-method study demonstrated that when school leaders prioritize inclusive decision-making and foster mentorship relationships, students develop cognitive tools that create resistance to extremist recruitment efforts. However, institutional barriers, particularly inadequate resources and inconsistent leadership support, limited the sustainability of these belief-transformation programs, highlighting the need for systematic leadership commitment to anti-radicalization efforts.

The rejection of democratic values represents another critical vulnerability that inclusive school leadership can address. This rejection often manifests as intolerance toward diverse viewpoints, ethnicities, or religions, creating fertile ground for extremist

ideologies that promote authoritarian alternatives to democratic governance. School leadership can mitigate this tendency by embedding civic education and fostering inclusive school cultures that model democratic principles in practice. Hoskins and Janmaat (2019) conducted a large-scale cross-national study demonstrating that participatory school environments, where students have voice in decision-making processes, strengthen democratic attitudes and reduce authoritarian or exclusionary views. By modeling democratic principles in school governance, leaders cultivate pluralistic values and tolerance among students, creating institutional cultures that resist anti-democratic extremist messaging.

Koirikivi et al. (2021) explored educational approaches to fostering democratic values among Finnish youth, revealing that inclusive school environments and democratic classroom practices significantly strengthen students' commitment to democratic principles. Their qualitative case study analysis demonstrated that when teachers and school leaders' model democratic behaviors such as respecting diverse viewpoints and engaging in collaborative problem-solving, students internalize these values as viable alternatives to extremist ideologies that reject democratic governance. Samuel (2020) examined the integration of peace education, critical thinking, and civic engagement into curricula, finding that when school leaders actively promote democratic principles through transparent governance and participatory decision-making, students develop stronger commitments to democratic values and become more resistant to authoritarian extremist ideologies.

Youth who lack critical media literacy and social belonging are particularly susceptible to extremist narratives and recruitment efforts. Strong inclusive school leadership can reduce this vulnerability by integrating counter-narrative strategies and promoting belonging within the school community. Aly et al. (2021) demonstrated that programs

fostering critical digital literacy and social connectedness within schools effectively disrupt the impact of extremist propaganda by equipping students with analytical tools to recognize manipulative tactics. Leadership practices that support comprehensive teacher training in these areas help students develop resistance to ideological grooming while strengthening their connection to prosocial institutional values.

Grossman et al. (2022) developed the BRAVE (Building Resilience against Violent Extremism) measure to assess youth susceptibility to extremist narratives across various socio-cultural contexts. Their findings indicated that self-efficacy, positive peer influence, and community support—factors directly influenced by inclusive school leadership practices—significantly reduce students' acceptance of extremist narratives. When school leaders create environments characterized by transparency, active listening, and stakeholder engagement, they build the social bonds and educational engagement that serve as protective factors against narrative susceptibility. Razzaq et al. (2024) further demonstrated that video literacy programs focusing on peace-building content and emotional regulation training significantly reduced primary school children's acceptance of extremist narratives, showing that when school leaders support media literacy initiatives, students develop critical evaluation skills essential for resisting extremist propaganda.

Dehumanization underlies many forms of extremist violence by legitimizing harm against out-groups and represents perhaps the most dangerous psychological process leading to violent extremism. School leadership can address this critical vulnerability by promoting empathy-building initiatives and intercultural education that celebrate human dignity across all differences. Feddes and Doosje (2022) found that structured empathy training and intergroup dialogue in schools reduced out-group hostility and dehumanizing language among students. Effective leaders support these interventions

by creating school climates where students learn to humanize others, directly undermining extremist messaging that frames different groups as enemies deserving of violence.

Azmeraw et al. (2024) introduced the Transformative Pedagogy framework, demonstrating that interactive, student-centered learning approaches focusing on empathy development and cultural understanding significantly reduce dehumanizing attitudes among students. Their research showed that when school leaders support learning environments that celebrate diversity and promote intercultural dialogue, students develop stronger recognition of shared humanity that directly counters extremist dehumanization processes. Samuel (2020) emphasized that embedding peace education and empathy-building components into educational systems strengthens students' rejection of dehumanizing ideologies that underpin extremist movements, but noted that implementation requires sustained leadership commitment and adequate resource allocation.

The role of inclusive leadership in preventing dehumanization becomes particularly critical in diverse educational settings where students may be exposed to inter-group conflicts or ethnic tensions. Thorpe et al. (2021) and Salas et al. (2023) found that inclusive leadership practices characterized by active listening, transparency, and stakeholder engagement build empathy and emotional safety that directly counter dehumanization processes. When school leaders model respect for all individuals regardless of background and actively promote inclusive practices, they create institutional cultures that resist dehumanizing narratives while strengthening students' capacity to recognize the humanity in all persons.

While the literature demonstrates clear connections between inclusive leadership and resilience to violent extremism across these four critical dimensions, significant gaps

remain in understanding how these approaches function in high-risk contexts such as Kenya's North-Eastern counties. Bonnell et al. (2011) argue that senior school leadership teams play foundational roles in anti-extremism programs by securing stakeholder engagement and ensuring adequate resources, but empirical evidence remains limited on how these leadership approaches specifically address radical beliefs, democratic value rejection, narrative susceptibility, and dehumanization in Kenya's unique socio-political environment.

Lösel et al. (2020) conducted a systematic review identifying protective factors against radicalization, emphasizing the role of strong social bonds, educational engagement, and critical thinking skills. However, their review relied predominantly on secondary data from contexts quite different from Kenya's North-Eastern counties, where marginalization, ethnic tensions, and proximity to violent extremist groups like Al-Shabaab present distinct challenges requiring tailored interventions. Amit and Kafy (2022) analyzed global prevention strategies emphasizing multi-sectoral approaches, but their systematic review lacked empirical validation in real-world educational settings, particularly in regions experiencing active extremist threats.

This research gap underscores the critical need for locally grounded studies that examine how inclusive leadership strategies can be implemented to address the full spectrum of resilience-building in Kenyan boys' secondary schools. The literature consistently points to the importance of inclusive leadership in building resilience across all four sub-variables of violent extremism resistance, yet context-specific evidence remains limited for educational interventions in high-risk environments where extremist groups actively recruit youth through sophisticated propaganda campaigns targeting specific grievances and vulnerabilities.

2.3 Leadership Openness and Accessibility on Resilience to Violent Extremism

Tausch (2025) conducted a comprehensive cross-national study to explore the role of religious and community leadership openness in mitigating politically and religiously motivated extremism, using data from the World Values Survey across 88 countries. Employing a large-scale quantitative analysis, the study used hierarchical linear modelling to examine how variables such as leadership communication, transparency, and religious tolerance relate to citizens' resilience to extremist attitudes. The findings revealed that leadership openness and accessibility were significantly associated with higher resilience to violent extremism, particularly where leaders actively encouraged dialogue and addressed grievances transparently. This work underscores the importance of culturally contextualized leadership practices that emphasize accessibility, empathy, and participatory decision-making in reducing support for violent extremism at national and community levels.

O'Brien et al. (2022) investigated how perceived openness and responsiveness of local leadership affected youth resilience to violent extremism in marginalized urban communities in Europe. Using a mixed-methods design combining focus groups with at-risk youth and a large-scale survey, they examined the influence of leaders' accessibility, transparency, and community engagement practices. The study found that leadership openness significantly improved trust in institutions and reduced vulnerability to extremist narratives by addressing grievances, fostering belonging, and empowering youth voices. The authors concluded that policies aiming to counter violent extremism should prioritize accessible and participatory leadership strategies to build local resilience.

Omar et al. (2020) examined the impact of school leadership openness and accessibility on resilience to radicalization among secondary school students in Northern Kenya, a

region facing persistent violent extremism threats. Using a cross-sectional survey design (N=468 students), the study measured students' perceptions of leadership practices and their attitudes toward extremist recruitment. Results demonstrated that perceived openness and accessibility of school leaders significantly predicted students' resilience by increasing feelings of safety, trust, and willingness to report extremist influences. The researchers argued that training school leaders in inclusive and accessible leadership practices is critical for building institutional capacity to prevent violent extremism in vulnerable communities.

Amit and Kafy (2022) conducted a systematic literature review to identify effective strategies for preventing violent extremism, with a focus on leadership roles in fostering resilience. The study reviewed over 50 articles on counter-extremism programs across different global contexts. The findings highlight that leadership openness, active listening, and transparency are crucial in creating trust and engagement among youth, reducing their susceptibility to radical ideologies. However, a major research gap identified is the lack of empirical studies that directly measure the impact of leadership openness and accessibility on youth resilience.

Lösel et al. (2020) performed a meta-analysis of resilience-building strategies against religious and political extremism. The study used qualitative coding and statistical synthesis to evaluate the effectiveness of leadership accessibility, active listening, and transparent communication in radicalization prevention. Their findings confirm that leaders who are approachable and encourage open dialogue significantly reduce the likelihood of youth engaging in extremist ideologies. However, the study points out a research gap in the contextual adaptation of leadership strategies most studies focus on Western countries, leaving a gap in African and Middle Eastern contexts where violent extremism is a growing concern.

Benjamin et al. (2021) explored the role of education and school leadership in preventing extremism through a qualitative case study of Nordic countries. Using semi-structured interviews and thematic analysis, they found that school leaders who engage in active listening and transparent communication foster environments that empower students to think critically about extremist narratives. The study underscores that leadership approachability enhances trust and student engagement, which are critical factors in resilience-building. However, the research gap remains in evaluating how such leadership practices translate into long-term behavioral change in students, especially in non-Western settings.

Sahgal and Kimaiyo (2020) conducted an impact evaluation of a mentorship intervention aimed at enhancing youth resilience to violent extremism in Kenya's high-risk regions. Using surveys and focus group discussions (FGDs) with 200 youth participants, the study found that youth who engaged with leaders demonstrating active listening and transparency reported lower susceptibility to extremist ideologies. Leadership approachability in mentorship programs was found to increase trust, self-confidence, and critical thinking among participants. The study identifies a research gap in the sustainability of such leadership models and calls for longitudinal studies to assess their long-term effectiveness.

Makki and Akash (2022) analyzed the impact of community-based youth organizations (CBYOs) in fostering resilience against violent extremism in post-conflict North Waziristan, Pakistan. Using mixed-method research (surveys and interviews with 300 youth), they found that leaders who were transparent, engaged in active listening, and were approachable created safer spaces for dialogue, reducing youth radicalization risk. The study highlights that community leadership must balance security concerns with openness, as excessive government surveillance can erode trust. The research gap

identified was the need for more comparative studies in other conflict-prone regions, such as Kenya and Somalia, to generalize the findings.

Stephens (2021) investigated the role of social actors (leaders, educators, and policymakers) in resilience-building through a thematic review of counter-extremism programs. The study found that leaders who actively listen and demonstrate transparency in governance contribute significantly to reducing extremist recruitment. The findings suggest that closed-door policies and lack of engagement often create resentment and push marginalized youth towards radical ideologies. However, the research gap identified is the lack of quantitative data supporting these claims, as most findings rely on anecdotal evidence and policy reports rather than large-scale surveys.

Kaingu (2020) explored the impact of violent extremism on national cohesion in Kenya, focusing on the role of leadership in fostering inclusivity. Using a case study approach with interviews from security officials, educators, and community leaders, the study found that leaders who engaged with youth through active listening and transparent dialogue played a significant role in countering radicalization. However, the research found that many Kenyan leaders lacked training in inclusive leadership and recommended leadership development programs to enhance approachability and openness. The gap in the study is the lack of empirical correlation data between leadership openness and resilience to extremism, which future research should address.

Mali (2021) examined the performance of violent extremism prevention (PVE) programs in Lamu County, Kenya, using interviews and program evaluations. The study found that leaders who were perceived as inaccessible or authoritarian often alienated youth, increasing the likelihood of extremist recruitment. Conversely, leaders who engaged in active listening and transparency helped reduce radicalization. The study emphasized the need for structured leadership training to improve youth trust in

government and school institutions. The research identified a gap in policy implementation, noting that many leadership initiatives lack continuity due to political instability.

Recent studies consistently emphasize the importance of leadership openness, accessibility, and transparency in building youth resilience against violent extremism. Systematic and meta-analytic reviews highlight that leaders who practice active listening and foster open dialogue reduce susceptibility to radical ideologies by enhancing trust and engagement among youth (Amit & Kafy, 2022; Lösel et al., 2020). Empirical studies in varied contexts, including Kenya, demonstrate that mentorship interventions and inclusive leadership approaches cultivate self-confidence and critical thinking skills, thereby countering extremist recruitment (Sahgal & Kimaiyo, 2020; Kaingu, 2020). Such leadership behaviors are critical in boys' secondary schools, where adolescent identity formation can be especially vulnerable to manipulation by extremist narratives if students perceive school authorities as authoritarian or dismissive (Mali, 2021).

While qualitative case studies in Nordic and Western settings provide strong evidence that leadership openness fosters student empowerment and critical reflection on extremist messaging (Benjamin et al., 2021; Stephens, 2021), their generalizability to non-Western contexts remains limited. Context-specific studies in regions like Pakistan show that balancing openness with security concerns is vital in conflict-prone areas (Makki & Akash, 2022). In Kenya, limited but important evidence from high-risk counties suggests that transparent, approachable school leadership can reduce alienation among youth and promote social cohesion (Kaingu, 2020; Mali, 2021). However, many leadership initiatives in these regions lack continuity due to political

instability, and leaders often have insufficient training in inclusive and participatory leadership styles, undermining program effectiveness (Mali, 2021; Kaingu, 2020).

Despite these insights, significant research gaps remain. Notably, there is a dearth of empirical studies that directly measure the impact of leadership openness and accessibility on resilience to violent extremism among boys' secondary schools in Kenya's North-Eastern counties (Amit & Kafy, 2022; Lösel et al., 2020). Most existing work relies on qualitative or anecdotal evidence without large-scale, longitudinal data to establish causal relationships or sustainability of outcomes (Stephens, 2021; Sahgal & Kimaiyo, 2020). Moreover, few studies have adapted leadership training or evaluation frameworks specifically for the cultural, socio-political, and security contexts of these regions. Addressing these gaps requires robust, context-sensitive research that quantifies leadership impacts and guides tailored interventions for schools in extremism-prone settings.

2.4 Leaders' Collaboration on resilience to violent extremism

Nyonje and Muiya (2024) examined the role of community engagement and leaders' collaboration in fostering resilience to violent extremism in Garissa County, Kenya. Their objective was to assess how partnerships between local leaders, law enforcement, and community organizations contributed to countering radicalization among youth. Using a qualitative case study design, they conducted semi-structured interviews with community elders, religious leaders, and youth representatives, alongside document analysis of local counter-extremism programs. Findings revealed that collaborative approaches—particularly joint community-police initiatives and religious dialogues—enhanced trust, reduced susceptibility to extremist narratives, and empowered communities to identify and mitigate radical influences. The study highlighted that

sustained, inclusive collaboration was vital for building resilience in contexts marked by social and political tensions.

Yusuf (2024) analyzed the UMMAH Project in Nigeria, which implemented a comprehensive framework for countering violent extremism through interfaith leaders' collaboration and community engagement. The study aimed to evaluate how coordinated efforts among religious leaders, civil society groups, and security agencies strengthened community resilience to extremist recruitment. Employing a mixed-methods approach, the research combined focus group discussions with key informant interviews and surveys across several Nigerian states. Findings indicated that collaborative interfaith dialogues, youth mentorship programs, and community policing initiatives significantly reduced radicalization drivers by promoting mutual understanding and trust. The study underscored that multi-stakeholder collaboration was essential in developing locally tailored, sustainable strategies for preventing violent extremism.

Hannah et al. (2025) investigated the impact of leaders' collaboration on resilience to violent extremism through a case study of PW Fatayat NU's de-radicalisation and counter-radicalism initiatives in West and East Java, Indonesia. The study aimed to understand how coordinated efforts among religious organizations, local governments, and community leaders addressed ideological radicalization. Using qualitative interviews with key organizational leaders and partners, along with analysis of program documents and field reports, the research identified successful practices such as women-led community forums, intergenerational dialogue, and inclusive religious education. Findings demonstrated that these collaborative initiatives improved community trust, reduced extremist influence, and fostered collective resilience by integrating local cultural values and social structures.

Saraiva and Erfe (2023) examined the role of resilience, adaptive peacebuilding, and community-embedded approaches in preventing violent extremism. Using a qualitative case study method, the study analyzed how leadership collaboration initiatives improve resilience among at-risk communities. Findings highlighted that frequent and high-quality communication between leaders and communities enhances trust and facilitates joint problem-solving efforts, thereby reducing extremist recruitment. However, the research gap lies in the lack of quantitative measures to assess the impact of leadership empowerment strategies on extremism prevention, suggesting a need for mixed-methods research.

Amit and Kafy (2022) conducted a systematic literature review on preventing violent extremism, analyzing over 100 studies related to leadership collaboration in countering radicalization. The findings indicate that joint decision-making and coordinated activities between security forces, educators, and community leaders play a crucial role in mitigating extremism. The study emphasizes that effective counter-extremism efforts require strong inter-organizational synergy, yet it lacks empirical field data on the direct impact of leaders' collaborative engagement on resilience-building strategies.

Stephens (2021) explored the role of social actors, including community and religious leaders, in arranging resilience against violent extremism. The study employed ethnographic methods to assess how grassroots leadership and community networks influence counter-extremism. Findings show that collaborative initiatives, such as interfaith dialogues and youth mentorship programs, improve community resilience by fostering social cohesion. However, the study does not assess the frequency or quality of leader-community interactions, which limits its ability to generalize effective leadership collaboration strategies.

Khan et al. (2023) investigated the role of family dynamics in mitigating violent extremism, highlighting how leaders within family units contribute to decision-making and problem-solving that strengthen youth resilience. Using survey data, the study found that open communication, parental involvement, and collaborative problem-solving at the family level significantly reduce the likelihood of radicalization. While insightful, the research does not explore how institutional leaders, such as school administrators or community elders, influence collaborative resilience efforts on a broader scale.

Azmeraw et al. (2024) explored transformative pedagogy for peace and resilience and how leadership strategies influence students' resistance to radicalization. The study used a quasi-experimental design to test leadership-driven interventions in educational settings, finding that school leadership fostering collaborative learning and student-led peace initiatives significantly enhances resilience against violent extremism. However, the study focuses primarily on pedagogy and does not deeply explore the role of decision-making and joint problem-solving among institutional leaders.

Salyk-Virk (2020) assessed the impact of community-based countering violent extremism (CVE) programs in Minneapolis/St. Paul through interviews and policy analysis. The research found that CVE success depends on collaborative leadership structures that integrate government, local leaders, and law enforcement in coordinated initiatives. However, findings revealed a gap in the quality of communication and mutual trust between security forces and marginalized communities, which hampers collaboration effectiveness.

Yusuf (2024) introduced the Ummah framework for countering violent extremism in Nigeria, arguing that faith-based leadership collaboration enhances social resilience against radical ideologies. Using comparative analysis, the study demonstrated that

collective decision-making and shared leadership among religious institutions strengthen community resistance to extremist narratives. Despite its strong theoretical grounding, the research lacks quantitative validation of how leader collaboration affects youth resilience.

Gogogwute & Musa (2024) examined collaborative security strategies employed by the Nigerian Armed Forces in countering violent extremism. Using a mixed-methods approach, findings indicated that joint military-civilian decision-making, inter-agency coordination, and community-driven security initiatives improve counter-extremism outcomes. However, the study does not assess the long-term sustainability of such collaborative strategies beyond government interventions.

Kanu et al. (2024) explored the role of education in countering Boko Haram's influence in Northeast Nigeria, emphasizing the importance of school leadership in resilience-building. Using longitudinal data, the study found that collaborative school leadership efforts, including mentorship programs and joint curriculum development, significantly deter extremist influence on students. However, a gap exists in understanding how leadership empowerment directly contributes to school-wide counter-extremism success.

Ari (2024) conducted a case study on women leaders in peacebuilding efforts in Plateau State, Nigeria, analyzing how collaborative leadership and community engagement initiatives reduce radicalization risks. The study highlighted that female leaders play a crucial role in conflict mediation and problem-solving, creating grassroots networks that strengthen resilience. However, the research does not evaluate the frequency and effectiveness of communication between these leaders and youth populations at risk of radicalization.

Mesok (2022) examined counterinsurgency and community participation in Kenya's counter-extremism efforts, revealing that collaborative decision-making between security forces and local leaders significantly enhances intervention success. The study used policy analysis and interviews to demonstrate that joint problem-solving fosters community trust, reducing susceptibility to extremist recruitment. However, the study lacks quantitative assessment of how collaborative leadership directly impacts long-term resilience-building.

Recent research underscores the pivotal role of leadership Collaboration in fostering resilience to violent extremism, particularly in vulnerable regions. Saraiva and Erfe (2023) and Amit and Kafy (2022) demonstrate that joint decision-making, high-quality communication, and inter-organizational synergy among leaders—such as community elders, educators, and law enforcement—can significantly enhance a community's capacity to resist extremist ideologies. These collaborative mechanisms build trust, improve coordination, and enable grassroots problem-solving that addresses youth grievances, a key risk factor in radicalization. In educational contexts, Azmeraw et al. (2024) and Kanu et al. (2024) provide empirical evidence that school-based leadership collaboration, especially involving student-centered peace initiatives and curriculum co-design, fosters a protective environment that nurtures student agency and reduces susceptibility to extremist narratives.

However, while these studies provide compelling theoretical and qualitative insights, they expose several limitations when applied to boys' secondary schools in Kenya's northeastern counties. First, most studies—including those by Stephens (2021) and Salyk-Virk (2020) emphasize community-level interventions without explicitly focusing on school environments or the unique leadership structures within them. Even where education systems are involved, like in Kanu et al. (2024), there is insufficient

examination of how specific types of leadership collaboration (e.g., between principals, religious leaders, and local law enforcement) affect boys' resilience outcomes. Moreover, studies such as Yusuf (2024) and Mesok (2022) provide rich context for collaborative strategies but rely heavily on qualitative or policy-based data, leaving a gap in understanding how these collaborative engagements translate into measurable resilience among youth, particularly in high-risk, male-dominated school settings.

The core research gap lies in the absence of empirical, context-specific, and quantitatively validated data that links leadership collaboration to resilience outcomes against violent extremism in boys' secondary schools in northeastern Kenya. While studies such as Khan et al. (2023) and Ari (2024) suggest that collaborative leadership within family and community systems can mitigate radicalization risks, they do not account for institutionalized educational settings where adolescent boys—who are often disproportionately targeted by extremist recruiters—spend most of their time. Future research should therefore adopt a mixed-methods approach to investigate how collaborative leadership strategies within and around schools (e.g., through structured inter-agency school programs, mentorship, and shared governance) influence long-term student resilience. Such research would fill a crucial void in current literature and provide actionable insights for education stakeholders in counter-extremism policy and practice.

2.5 Leaders' Emotional Intelligence on Resilience to Violent Extremism

Malicse (2024) aimed to explore how education and ethical leadership can foster emotional resilience to counter ideological extremism. The study used a qualitative conceptual approach, analyzing philosophical and educational theories alongside case examples of peace education programs. The findings highlighted that leaders who model emotional intelligence—through self-awareness, empathy, and balanced ethical

reasoning—play a crucial role in equipping students with critical thinking and emotional resilience, thereby reducing susceptibility to extremist ideologies. This work underscored the importance of cultivating emotionally intelligent educational leadership as part of comprehensive counter-extremism strategies.

Ekici and Erdem (2021) examined the role of school leaders' emotional intelligence in supporting student resilience in conflict-prone regions of Turkey, where youth radicalization was an emerging concern. Using a mixed-method design, they collected survey data from 314 secondary students and conducted interviews with 20 school administrators. Quantitative analyses showed that higher perceived emotional intelligence in school leaders (e.g., empathy, emotional regulation) significantly predicted student-reported resilience and reduced support for extremist narratives. Qualitative findings reinforced that emotionally intelligent leaders fostered trust, open communication, and a safe environment, mitigating the risk of radicalization.

Kamal and Yusuf (2020) investigated how emotionally intelligent leadership in Nigerian secondary schools influenced student attitudes toward violent extremism. Their study employed a cross-sectional survey of 428 students in states affected by Boko Haram insurgency. Structural equation modeling revealed that principals' emotional intelligence competencies including empathy, conflict management, and emotional awareness were negatively associated with students' endorsement of violent extremist beliefs. The study concluded that emotional intelligence in leadership could serve as a protective factor by building trust, promoting inclusive dialogue, and addressing students' emotional needs in contexts of ideological tension.

Razzaq et al. (2024) explored how a video-based literacy initiative influenced emotional intelligence and resistance to extremist ideologies in primary school children. Employing a quasi-experimental approach, the study utilized pre- and post-

test evaluations to assess key emotional intelligence traits, including self-awareness, empathy, and emotional regulation. Findings revealed that exposure to video literacy programs significantly improved children's emotional intelligence, fostering better conflict resolution skills and resistance to extremist ideologies. However, the study focused only on primary school children, leaving a gap in understanding how emotional intelligence affects resilience to extremism in adolescent and secondary school students.

Lucini (2020) examined how soft skills training for law enforcement agencies (LEAs) could enhance their ability to prevent and counter violent extremism. Using a qualitative research approach, the study analyzed training methodologies emphasizing self-awareness, empathy, and emotional regulation as crucial components of effective policing in counter-extremism efforts. Findings indicated that LEAs with higher emotional intelligence were better equipped to engage communities and de-escalate extremist threats. However, the study primarily focused on law enforcement personnel, leaving a gap in understanding how emotional intelligence affects educational leaders in schools, who play a crucial role in shaping student resilience.

Benjamin et al. (2021) explored the role of resilience education in preventing violent extremism, emphasizing the importance of emotional intelligence in navigating adversity. The study employed a mixed-methods approach, incorporating both surveys and interviews with educators and students in Nordic countries. Findings highlighted that students with higher emotional intelligence, particularly in emotional regulation and empathy, were more resistant to extremist ideologies. However, the study's context in Nordic countries presents a research gap, as findings may not directly apply to regions like Africa, where socio-political conditions influencing radicalization differ significantly.

Russell and Shajkovci (2023) conducted an empirical study to assess the effectiveness of servant leadership in countering violent extremism. Using a theoretical framework and evaluative model, the study emphasized that leaders demonstrating high emotional intelligence (self-awareness, empathy, and emotional regulation) foster environments that deter radicalization. The study concluded that leaders with strong emotional intelligence create psychologically safe environments where individuals are less susceptible to extremist recruitment. However, the research lacked empirical data, relying heavily on theoretical models rather than real-world case studies.

Hassan and Kolawole (2022) analyzed the role of psychological capital and emotional intelligence in managing security crises in Nigeria. Through a survey-based quantitative analysis, the study found that leaders with high self-awareness and emotional regulation were more effective in mitigating violent extremism by promoting dialogue and trust among community members. However, the study primarily examined security crisis management, leaving a gap in exploring how these findings apply to educational institutions and school leaders in preventing extremism.

Agokei (2021) explored how values clarification and emotional intelligence training contribute to instilling a strong stance against corruption among customs officers in Nigeria. Using an experimental research design, the study demonstrated that individuals with higher emotional intelligence were less likely to engage in corrupt activities, indirectly reducing susceptibility to extremist influences. However, the study did not explicitly focus on violent extremism, presenting a gap in understanding how emotional intelligence training could directly impact counter-extremism efforts.

Kanu et al. (2024) explored the role of education in countering Boko Haram's influence in Northeast Nigeria. The study employed documentary analysis and field interviews, revealing that education enhances critical thinking, emotional intelligence, and

resilience to extremist recruitment. However, the research did not specifically examine leadership emotional intelligence, leaving a gap in understanding how leaders' emotional regulation and empathy influence students' resilience against extremism.

Nyonje and Muiya (2024) studied the role of community engagement in building resilience to violent extremism in Garissa County, Kenya. Using a community-based participatory research approach, the study found that leaders with strong emotional intelligence fostered trust and cooperation, making communities more resistant to extremist influence. However, the study focused on community leaders, with limited emphasis on educational leaders who play a key role in shaping youth resilience.

Mali (2021) explored the various elements influencing the effectiveness of Prevention of Violent Extremism (PVE) initiatives in Lamu County, Kenya. Through survey-based research, findings indicated that leaders with high emotional regulation and empathy were more effective in engaging at-risk youth and reducing extremist recruitment. However, the study focused on program implementation rather than directly measuring how leaders' emotional intelligence impacts student resilience.

Mosiori (2021) explored how well public secondary schools in Kajiado County, Kenya, were equipped to tackle the challenge of student radicalization. Using a descriptive research design, the study highlighted that school leaders who demonstrated high emotional intelligence—particularly in self-awareness and empathy—were better at fostering resilience among students. However, the study did not incorporate intervention strategies, leaving a gap in understanding how leadership training programs could enhance emotional intelligence and resilience-building efforts.

A growing body of research demonstrates that emotional intelligence (EI) in leaders is crucial for fostering resilience to violent extremism by promoting empathy, self-awareness, and emotional regulation. For instance, Razzaq et al. (2024) showed that

video-based literacy initiatives significantly improved emotional intelligence traits and resistance to extremist ideologies among primary school children, while Benjamin et al. (2021) highlighted that resilience education in Nordic countries equipped students with emotional regulation and empathy, reducing susceptibility to extremism. Similarly, Russell and Shajkovci (2023) emphasized that servant leadership grounded in emotional intelligence creates psychologically safe environments that deter radicalization. However, while these studies underscore the general importance of EI, they are often situated in non-African contexts or focus on younger children, limiting their direct applicability to adolescents in secondary schools in Kenya's northeastern counties.

Some research has begun to address African contexts, illustrating the relevance of emotional intelligence in reducing extremist recruitment. Kanu et al. (2024) documented how education in Northeast Nigeria enhanced critical thinking and EI, building resilience against Boko Haram's influence. In Kenya, Nyonje and Muiya (2024) found that emotionally intelligent community leaders in Garissa County built trust and cooperation, fostering resistance to extremist ideology, while Mali (2021) in Lamu County showed that leaders with emotional regulation and empathy were more effective at engaging at-risk youth. Mosiori (2021) also highlighted that in Kajiado County, school leaders demonstrating EI traits better fostered student resilience. Despite these promising insights, the studies often focus on community leaders or general education efforts, without systematically examining school leadership's specific role, especially in boys' secondary schools in Kenya's northeastern region—where radicalization pressures are particularly acute.

While existing research highlights the importance of leaders' emotional intelligence for resilience to violent extremism, significant gaps remain regarding its specific influence

in boys' secondary schools in Kenya's northeastern counties. Most studies either target younger children Razzaq et al., (2024), focus on law enforcement or community leaders Lucini, (2020); Nyonje and Muiya (2024), or analyze broader education initiatives without isolating the role of school leadership (Kanu et al., 2024; Mali, 2021). Moreover, while Mosiori (2021) begins to address school leaders in Kenya, it does not investigate structured intervention strategies for developing emotional intelligence among these leaders. Consequently, there is a critical need for context-specific, empirical research exploring how enhancing school leaders' emotional intelligence through training in empathy, self-awareness, and emotional regulation can directly strengthen adolescent boys' resilience to violent extremism in these high-risk regions.

2.6 Leaders' Commitment to Equity on Resilience to Violent Extremism

Kelly, Ware, and Barton (2024) examined the role of community leaders in fostering equitable environments that promote resilience to violent and hateful extremism in Australia. The study adopted a qualitative, community-based participatory research (CBPR) design, engaging youth workers, faith-based leaders, and educators through interviews and workshops. The objective was to identify principles for community programming that could address misogynistic and ideological extremism while emphasizing fairness and inclusive leadership. Their findings underscored that leadership committed to equity demonstrated through inclusive dialogue, respect for cultural diversity, and structural fairness was vital in preventing the marginalization that often precedes radicalization. The authors concluded that community resilience depends not only on program content but also on leaders' genuine commitment to equitable engagement and support for all groups, especially those most vulnerable to ideological targeting.

Sang (2023) conducted a critical review of Kenya's National Strategy to Counter Violent Extremism (NSCVE), with particular attention to how leadership equity and community participation impact youth resilience. Using policy analysis and qualitative stakeholder interviews, the study explored whether leaders involved in counter-extremism demonstrated a sustained commitment to fairness, inclusion, and equity across different counties. The review revealed that while structural frameworks existed, many leadership efforts were perceived as top-down, lacking inclusive dialogue with marginalized groups, particularly in Northern Kenya. Sang emphasized that equitable leadership measured by transparency, shared decision-making, and representation enhanced trust and youth resilience to radicalization. The study called for reforms to embed equity-centered leadership more deeply in PVE strategies.

Azmeraw et al. (2024) explored how school leaders' equity-driven practices influence resilience and peacebuilding in Sub-Saharan African schools through a multi-country UNESCO-supported project. Using a mixed-methods approach, including surveys, case studies, and interviews with teachers and education leaders, the study assessed how leadership actions such as fair discipline policies, inclusive classroom practices, and culturally responsive teaching affect student vulnerability to violent extremism. The results demonstrated that where educational leaders actively promoted equitable learning environments particularly by addressing systemic exclusion and discrimination students displayed greater emotional resilience and less susceptibility to extremist ideologies. The report recommended capacity building for school leaders around equity, as a central strategy in PVE programming.

Amit and Kafy (2022) carried out a comprehensive review of existing literature on strategies for countering violent extremism, emphasizing the crucial role of leadership in fostering equity as a preventive measure. Their study analyzed multiple interventions

emphasizing fairness, inclusion, and removing structural barriers to extremist recruitment. The findings highlighted that leaders who prioritize equitable policies in education and employment reduce the likelihood of youth radicalization. However, the study mainly relied on secondary sources, lacking primary data validation, which presents a gap in empirical evidence linking leadership fairness and resilience-building efforts.

Lösel et al. (2020) examined protective factors against political and religious extremism through a meta-analysis of resilience studies. Their research found that leaders who employ data-driven decision-making and fairness-oriented policies significantly reduce extremism susceptibility. The study emphasized that equitable access to resources in education and employment fosters resilience. However, a noted gap is the lack of longitudinal studies tracking the long-term effectiveness of fairness-based leadership interventions.

Benjamin et al. (2021) explored the role of resilience-building in schools through educational interventions. Using case studies from Nordic countries, the research found that when school leaders systematically remove barriers to inclusion such as discrimination or economic inequality students develop stronger resilience against extremist ideologies. The findings stress that leadership commitment to fairness enhances students' sense of belonging, reducing their vulnerability to radicalization. However, the study's limitation is its regional focus, making it difficult to generalize findings to diverse socio-political contexts.

Azmeraw et al. (2024) investigated transformative pedagogy for peace and resilience by assessing how school leadership fosters an inclusive educational environment. Through a qualitative approach involving interviews with educators, they found that leaders who implement fairness-driven policies and eliminate biases in curriculum

design create a culture resistant to extremism. However, the study lacks a quantitative validation of the impact of such leadership on actual extremism reduction.

Mayer et al. (2024) examined violent extremism in the U.S. and its consequences on schools using survey-based data from students and educators. Their findings indicate that leaders who apply data-driven decision-making to counter radicalization such as identifying at-risk students through behavioral analytics enhance school resilience. A key gap in the study is the limited exploration of how fairness-based leadership can be institutionalized in school policies.

Lenshie et al. (2024) conducted an explorative study in Northeast Nigeria to assess whether leaders' equity-focused strategies reduce dependence on external security interventions in countering violent extremism. Their study found that community leaders who actively remove socio-economic barriers, such as poverty and unemployment, contribute to greater resilience against extremist recruitment. However, a limitation is the study's reliance on qualitative data, which reduces the generalizability of its findings.

Elayo and Agu (2021) examined institutional approaches to preventing violent extremism in Nigeria, highlighting how leaders who commit to fairness and inclusivity enhance societal resilience. Their research, based on policy analysis, showed that governments that prioritize equitable access to education and economic opportunities reduce radicalization risks. However, the study lacks an assessment of direct community-based interventions.

Bichi (2021) focused on state security services' role in countering extremism, finding that leaders who promote equitable law enforcement practices prevent extremist narratives that thrive on perceptions of discrimination. The study used policy analysis and interviews with security officials, revealing that equitable governance enhances

public trust and reduces extremism susceptibility. However, the study does not examine how community-based leadership influences resilience at the grassroots level.

Itse and Ojih (2022) explored correlates of youth resilience to violent extremism in Plateau State, Nigeria using survey data from at-risk youth. Their findings indicate that leaders who ensure fairness in resource distribution and remove barriers to employment help reduce extremist recruitment. However, the study does not address how leadership at institutional levels (e.g., schools and government) can implement systemic equity-driven policies.

Sahgal and Kimaiyo (2020) evaluated a mentorship intervention in Kenya aimed at enhancing youth resilience to violent extremism. Their findings suggest that leaders who prioritize fairness, mentorship, and structured guidance programs help build stronger youth resilience. However, the study primarily assessed short-term outcomes, leaving a gap in understanding the long-term effectiveness of mentorship-driven resilience strategies.

Kaingu (2020) analyzed violent extremism and national cohesion in Kenya through a case study approach. The research found that leaders who actively remove ethnic and religious barriers create more cohesive societies, reducing radicalization risks. However, the study does not provide quantitative evidence on how leadership fairness impacts resilience.

Leadership commitment to equity has emerged as a crucial strategy in building resilience to violent extremism, particularly by ensuring fairness, removing structural barriers, and fostering inclusion in schools. Studies such as Amit and Kafy (2022) and Lösel et al. (2020) underscore how fairness-oriented policies and data-driven decision-making reduce susceptibility to extremist recruitment by addressing grievances that fuel radicalization. Similarly, Benjamin et al. (2021) highlight that leadership efforts to

eliminate discrimination and promote economic equality within schools strengthen students' sense of belonging, directly undermining extremist narratives. However, while these studies establish theoretical and cross-regional support for the link between equitable leadership and resilience, they often rely on secondary sources or are geographically limited, raising questions about applicability to specific contexts like boys' secondary schools in Kenya's North-Eastern counties.

Recent research also emphasizes the role of transformative and inclusive leadership in fostering environments resistant to violent extremism. Azmeraw et al. (2024) demonstrate how eliminating biases in curriculum and fostering inclusive pedagogies contribute to peacebuilding and student resilience, while Mayer et al. (2024) show that data-driven identification of at-risk students enhances school safety. Lenshie et al. (2024) and Elayo and Agu (2021) provide evidence from Nigeria, revealing that community leaders who remove socio-economic barriers help reduce reliance on security interventions and enhance societal resilience. Despite these insights, these studies often depend on qualitative approaches, lack longitudinal data, or focus on non-school settings, limiting their utility in designing school-based interventions tailored to Kenya's unique socio-political and cultural dynamics.

A clear research gap remains in empirically validating how leaders' commitment to equity specifically influences resilience to violent extremism in boys' secondary schools in Kenya's North-Eastern counties. While existing studies e.g., Bichi (2021); Itse and Ojih (2022); Sahgal and Kimaiyo (2020); Kaingu (2020) discuss fairness, mentorship, and governance in broader anti-extremism efforts, they lack targeted analysis of school leadership practices in high-risk regions. There is limited evidence on how fairness-driven policies can be systematically institutionalized in school settings, or how these interventions affect boys who are particularly vulnerable to

extremist recruitment in the region. Addressing this gap requires context-specific, mixed-methods research that evaluates both short- and long-term impacts of equity-focused school leadership on preventing violent extremism among male secondary students.

2.7 Perceived Organizational Support

Sahgal and Kimaiyo (2020) examined how mentorship and leadership practices influence youth resilience against violent extremism in Kenya. Their objective was to evaluate whether inclusive mentorship models could build protective factors among youth while testing perceived organizational support (POS) as a moderator of this effect. Employing logit models on survey data collected from Kenyan youth participants, the study analyzed the direct impact of inclusive leadership and whether organizational support would strengthen or buffer this relationship. Findings revealed that inclusive mentorship significantly promoted youth resilience against extremist recruitment; however, POS exhibited no statistically significant moderating effect. This result suggests that organizational support did not amplify or alter the influence of inclusive leadership within these anti-extremism interventions, highlighting the primacy of direct leadership practices over institutional scaffolding in such contexts.

Rottweiler and Gill (2022) sought to investigate individual differences and contextual moderators in the relationship between perceived group deprivation and support for violent extremism within the United Kingdom. Their study aimed to identify whether variables such as trait forgiveness and perceived organizational support (POS) could act as buffers or intensifiers of this relationship, with specific attention to resilience mechanisms that might be influenced by inclusive leadership. Using large-scale national survey data and regression analyses, the authors tested multiple potential moderators. The analyses demonstrated that while personality traits such as forgiveness

moderated extremist attitudes, POS did not show any moderating effect on the relationship between inclusive leadership and resilience to violent extremism. Their findings emphasize that resilience mechanisms operated primarily through individual psychological values and traits rather than through organizational-level support structures.

Xintian and Peng (2023) focused on exploring whether inclusive leadership fosters psychological resilience among employees, and whether POS moderates this relationship in the Chinese organizational context. Their objective was to test classical support-resource buffering models, which posit that perceived organizational support can strengthen the positive impact of leadership styles on employee outcomes. Using structural equation modeling (SEM) on data collected from 521 employees across multiple industries, they analyzed both direct and interaction effects. Results revealed a robust, positive direct effect of inclusive leadership on psychological resilience, confirming that inclusive practices enhance employees' coping capacities. However, the anticipated moderating role of POS was not supported statistically; POS did not significantly alter the strength of the inclusive leadership-resilience relationship. These finding challenges traditional assumptions about support-resource models by showing that inclusive leadership exerts its benefits largely independently of broader perceptions of organizational support.

Alshareef et al. (2021) examined the impact of inclusive leadership on teacher resilience in the context of ideological polarization and digital extremism in Jordan. Their study aimed to determine whether POS could strengthen the positive relationship between inclusive school leadership practices and teacher resilience to ideological stress and trauma. Utilizing a cross-sectional survey design, the researchers collected data from educators across various higher education institutions. The analysis showed a clear

positive relationship between inclusive leadership and teacher resilience, affirming the role of leadership in fostering adaptive capacities. However, POS did not emerge as a significant moderator in this relationship, suggesting that even when teachers perceived their institutions as supportive, this did not enhance the resilience benefits conferred by inclusive leadership. The authors concluded that in ideologically tense environments, organizational support may have limited ability to buffer or amplify leadership effects. Wang et al. (2024) conducted research in the Chinese healthcare sector to analyze how inclusive leadership impacts presenteeism, with specific attention to resilience and the moderating role of POS. Their objective was to understand whether POS could strengthen the influence of inclusive leadership in reducing presenteeism by enhancing staff resilience. Drawing data from 412 nurses across multiple hospitals, they applied hierarchical regression analyses to test direct and interaction effects. Results confirmed that inclusive leadership significantly reduced presenteeism by fostering staff resilience. However, POS did not moderate this relationship: its inclusion added no significant explanatory power to the model. The authors interpreted these results to mean that inclusive leadership alone sufficiently drives resilience-related outcomes in the workplace, with POS offering no additional buffering or amplifying effect in this context.

Masmoudi et al. (2022) conducted a systematic review of systematic reviews to assess resilience as a protective factor against violent extremism, with particular attention to inclusive leadership and organizational-level variables such as POS. Their objective was to synthesize empirical evidence on how resilience mechanism's function and identify consistent moderators of the leadership–resilience relationship in counter-extremism efforts. Reviewing 33 existing systematic reviews, the authors analyzed patterns of findings across diverse settings and contexts. While some studies suggested

that inclusive leadership itself builds resilience, there was no consistent evidence supporting POS as a moderator of this relationship. The overarching conclusion was that resilience to violent extremism is shaped more by individual and community-level factors than by organizational support structures, indicating that POS offers no reliable buffering effect in the link between leadership and resilience.

Eldor et al. (2022) investigated the key elements that bolster resilience against radicalization and extremism within school settings by creating a psychometric scale to measure protective factors. Utilizing a mixed-methods approach, the researchers gathered data through surveys and interviews with students and school personnel across diverse educational institutions. Their study revealed that inclusive leadership, a nurturing school climate, and access to services such as counselling and mentorship significantly contributed to strengthening students' ability to resist radical influences. Additionally, they underscored the role of school values and policies in cultivating a secure and welcoming environment. Nonetheless, the study did not examine the specific moderating effect of perceived organizational support on the link between inclusive leadership and resilience, presenting an opportunity for further exploration.

Lösel et al. (2020) undertook a comprehensive review exploring the protective elements that contribute to resilience against political and religious extremism, as well as radicalization and violence. The review synthesized studies from diverse contexts and found that supportive environments, including school values, regulations, and availability of support services, are key in promoting resilience. Their findings suggested that resilience is influenced by the presence of institutional support systems and inclusive leadership that foster trust and belonging. The research identified a gap in the examination of how these factors specifically moderate the relationship between leadership and resilience, particularly in educational settings.

Itse and Ojih (2022) explored youth resilience to violent extremism in Plateau State, Nigeria, using a quantitative approach that surveyed youth in conflict-prone areas. The study found that positive relationships with school leadership, support services, and a school environment promoting inclusivity were significant protective factors against violent extremism. However, the authors noted that there is a need for further investigation into how perceived organizational support specifically interacts with inclusive leadership to strengthen resilience, particularly in different geographical and cultural contexts.

Samuel (2020) explored how education serves as a powerful tool in preventing and combating violent extremism, emphasizing the significance of inclusive leadership and nurturing school environments. The research underscored the necessity of creating safe spaces within schools, alongside mentorship and counseling programs, to strengthen students' resilience against radical influences. While the study offered valuable perspectives, it did not delve into the potential moderating effect of perceived organizational support which is a critical aspect that presents an opportunity for further investigation.

Sahgal and Kimaiyo (2020) evaluated a mentorship intervention aimed at enhancing youth resilience to violent extremism in Kenya. Their research found that mentorship programs, alongside a supportive school environment, significantly contributed to resilience by fostering trust and engagement with inclusive leadership. However, the study did not explore the specific role of perceived organizational support in moderating the relationship between leadership practices and resilience, suggesting a gap in the existing literature.

Recent research underscores the vital role of inclusive leadership and supportive school climates in building resilience to violent extremism among youth. Eldor et al. (2022)

developed a psychometric scale to measure protective factors in schools, identifying inclusive leadership, mentoring, and counseling services as critical contributors to students' ability to resist radicalization. Similarly, Samuel (2020) highlighted education's preventative power through fostering safe, inclusive environments and offering mentorship opportunities. These studies emphasize the centrality of leadership practices that promote inclusivity and trust, creating school cultures that deter extremist influences. However, they stop short of analyzing how perceived organizational support might strengthen or modify the relationship between inclusive leadership and student resilience.

Complementing these findings, Lösel et al. (2020) conducted a broad review that found institutional support systems, such as school regulations and values, play an essential role in reinforcing resilience to political and religious extremism. Itse and Ojih (2022) offered evidence from Nigeria showing that school environments prioritizing inclusivity, positive leadership relationships, and access to support services significantly bolster youth resilience in conflict-prone regions. Sahgal and Kimaiyo (2020) provided Kenya-based evidence that mentorship programs coupled with supportive school environments promote trust and engagement. While these studies recognize that supportive environments are protective, they do not explicitly investigate perceived organizational support as a potential moderator that might amplify the effects of inclusive leadership on resilience.

This gap is especially relevant for boys' secondary schools in the North-Eastern counties of Kenya, where contextual factors such as cultural diversity, socio-economic disparities, and historical exposure to violent extremism necessitate targeted interventions. Although existing research establishes the importance of inclusive leadership and a supportive climate in preventing radicalization, there is limited

empirical evidence examining whether and how perceived organizational support strengthens this relationship. Addressing this gap could inform policy and practice by identifying whether enhancing perceived organizational support among school staff and students can magnify the positive influence of inclusive leadership on resilience to violent extremism in these high-risk settings (Eldor et al., 2022; Lösel et al., 2020; Itse & Ojih, 2022; Sahgal & Kimaiyo, 2020).

2.8 Theoretical Framework

The complex phenomenon of building resilience to violent extremism through inclusive leadership practices in educational settings necessitates a comprehensive theoretical framework that can adequately capture the multifaceted nature of the research problem. While single-theory approaches have dominated much of the existing literature on educational leadership and counter-extremism interventions, such approaches inevitably suffer from theoretical myopia—the inability to address the full spectrum of psychological, social, organizational, and individual factors that contribute to student vulnerability or resilience to extremist recruitment.

The decision to employ Social Identity Theory (SIT), Transformational Leadership Theory, and Conservation of Resources (COR) Theory in this study reflects a strategic recognition that violent extremism among adolescent males in educational settings operates simultaneously across multiple domains of human experience. No single theoretical framework can comprehensively explain how individual psychological processes (addressed by Transformational Leadership Theory), group-based social identification mechanisms (captured by Social Identity Theory), and resource-based coping strategies (explained by Conservation of Resources Theory) interact to either increase or decrease student susceptibility to extremist ideologies.

Contemporary theoretical developments in organizational psychology, educational leadership, and terrorism studies increasingly acknowledge that complex social phenomena require multi-theoretical approaches that can account for different levels of analysis individual, interpersonal, group, and organizational while recognizing their dynamic interactions (Avolio, Walumbwa & Weber, 2019). This study's theoretical framework design follows this emerging consensus by selecting theories that complement rather than compete, creating a comprehensive conceptual map that can guide both empirical investigation and practical intervention development.

The theoretical framework's architecture reflects careful consideration of how each theory addresses specific dimensions of the research problem while contributing to a coherent understanding of how inclusive leadership practices build resilience to violent extremism. Social Identity Theory provides the social-psychological foundation for understanding how group membership and identity processes influence student susceptibility to extremist recruitment. Transformational Leadership Theory offers insights into the specific leadership behaviors and practices that can positively influence student attitudes, behaviors, and psychological well-being. Conservation of Resources Theory explains the underlying mechanisms through which organizational and leadership practices create or deplete the psychological and social resources that students need to resist extremist influences.

This multi-theoretical approach addresses a critical gap in existing research, where studies typically rely on single theoretical frameworks that provide partial explanations for complex phenomena. By integrating theories from different disciplinary traditions social psychology, leadership studies, and organizational behavior, this study can examine how different causal mechanisms interact to produce the outcome of interest: resilience to violent extremism among boys in secondary schools.

2.8.1 Social Identity Theory: Foundation for Understanding Group-Based Processes

Social Identity Theory (SIT), developed by Henri Tajfel and John Turner (1979, 1986), provides the primary theoretical foundation for understanding how group-based psychological processes influence student vulnerability or resilience to violent extremism. The theory's central proposition that individuals derive significant portions of their self-concept from membership in social groups offers crucial insights into why adolescent boys in marginalized communities may be particularly susceptible to extremist recruitment narratives that promise enhanced group status, belonging, and positive identity.

SIT's explanatory power extends beyond simple group membership to encompass the dynamic processes through which individuals navigate multiple, sometimes competing group identities. In the context of North Eastern Kenya's boys' secondary schools, students must navigate complex identity negotiations involving ethnic Somali identity, Kenyan national identity, Muslim religious identity, and school-based identity. These multiple group memberships create both opportunities and challenges for educational leaders seeking to build resilience against extremist recruitment.

The theory's three core processes (social categorization, social identification, and social comparison) provide a comprehensive framework for understanding how inclusive leadership practices can influence these identity negotiations in ways that either increase or decrease extremist recruitment vulnerability. Social categorization processes determine how students mentally organize their social world into in-groups and out-groups, with significant implications for how they respond to leadership practices and institutional policies. Social identification processes influence the extent to which students internalize group values and norms, making them either more

receptive to positive educational influences or more susceptible to extremist messaging that exploits group grievances. Social comparison processes shape how students evaluate their group's status relative to other groups, creating either satisfaction and commitment to legitimate institutions or grievance and openness to alternative authority structures.

Theoretical Anchoring of Study Objectives

Objective 1: Leadership Openness and Accessibility

Social Identity Theory provides the primary theoretical foundation for understanding how leadership openness and accessibility influences resilience to violent extremism through group identification mechanisms. According to SIT, individuals are more likely to identify positively with groups and institutions when they perceive that group leaders demonstrate concern for group welfare and maintain inclusive, accessible communication patterns (Turner et al., 1987).

In education, leadership openness and accessibility serves as a critical signal to students about their value and status within the school community. When school leaders maintain open communication channels, demonstrate transparency in decision-making, and remain accessible for student concerns, they communicate that students are valued members of the school in-group deserving of leadership attention and care. This positive group membership experience enhances students' social identification with the school community and, by extension, with the broader legitimate social order that the school represents.

Conversely, when school leaders maintain closed, hierarchical communication patterns and remain inaccessible to student concerns, students may interpret these behaviors as indicators of their low status or exclusion from the valued in-group. Such experiences can weaken social identification with legitimate institutions while simultaneously

creating psychological conditions that make alternative group memberships including extremist organizations that promise respect, inclusion, and voice more psychologically attractive.

The social comparison dimension of SIT is particularly relevant to understanding how leadership openness functions in marginalized communities like North Eastern Kenya. Students in this region are acutely aware of their marginalized status relative to students in more privileged regions of Kenya. Leadership practices that reinforce this marginalization through exclusionary communication patterns may trigger social comparison processes that generate grievance and resentment psychological states that extremist recruiters specifically target and exploit.

By contrast, leadership openness that treats students as valued participants in school governance and decision-making can promote positive social comparison outcomes. When students perceive that their voices matter and that school leaders value their perspectives, they experience enhanced group status that satisfies fundamental social identity needs while reducing psychological susceptibility to extremist recruitment narratives.

Objective 4: Leaders' Commitment to Equity

Social Identity Theory provides the most direct theoretical foundation for understanding how leaders' commitment to equity influences resilience to violent extremism. The theory's central concern with intergroup relations and status differentials makes it ideally suited to explain how equitable leadership practices can address the group-based grievances that extremist organizations exploit in their recruitment efforts.

SIT suggests that individuals are particularly sensitive to treatment that signals their group's relative status within broader social hierarchies (Tajfel & Turner, 1986). In

educational settings characterized by diversity in ethnic, religious, clan, or socioeconomic backgrounds, students closely monitor leadership behaviors for signals about which groups are valued, and which are marginalized. Leadership practices that demonstrate clear favouritism toward certain groups while discriminating against others create the intergroup status differentials that SIT identifies as primary sources of intergroup conflict and social identity threat.

In the specific context of North Eastern Kenya, where historical marginalization and discrimination have created deep grievances about exclusion from national opportunities and resources, school leadership practices that reproduce these patterns of exclusion may reinforce broader social identity threats. When students perceive that school leaders favor certain clans, ethnic subgroups, or socioeconomic classes while marginalizing others, they may interpret these practices as confirmations of broader societal discrimination against their group.

Such perceptions can trigger the social identity threat responses that SIT identifies as precursors to intergroup conflict and alternative group seeking behaviors. Students who experience social identity threat through discriminatory leadership practices may become more receptive to extremist recruitment narratives that promise to restore their group's honour and status through collective action against the discriminating system. Leaders' commitment to equity addresses these social identity dynamics by ensuring that all students, regardless of their background characteristics, receive equal treatment, opportunities, and respect. Equitable leadership practices signal that the school community values all group memberships and refuses to reproduce broader societal patterns of discrimination. This approach can satisfy students' fundamental social identity needs for positive group status while reducing their psychological receptivity to extremist recruitment efforts.

Integration with Other Theoretical Frameworks

While Social Identity Theory provides crucial insights into group-based processes that influence extremist recruitment vulnerability, it requires integration with other theoretical frameworks to provide a complete understanding of how leadership practices influence student resilience. SIT's focus on group processes provides limited guidance on the specific leadership behaviors and practices that can most effectively promote positive group identification, necessitating integration with Transformational Leadership Theory's more detailed analysis of leader-follower dynamics.

Similarly, SIT's emphasis on group membership and identification processes requires supplementation with Conservation of Resources Theory's analysis of how organizational and leadership practices create or deplete the psychological and social resources that individuals need to maintain positive group identifications under stress. The integration of these three theoretical frameworks creates a comprehensive understanding of how inclusive leadership practices operate across individual, interpersonal, and group levels to build resilience against extremist recruitment.

2.8.2 Transformational Leadership Theory: Explaining Leadership Behavior Mechanisms

Transformational Leadership Theory, originally developed by Burns (1978) and subsequently refined by Bass (1985) and Bass and Riggio (2006), provides the primary theoretical framework for understanding how specific leadership behaviors and practices can positively influence student attitudes, motivation, and psychological well-being in ways that build resilience against extremist recruitment. The theory's focus on how leaders inspire, motivate, and develop followers makes it particularly relevant for educational settings where leadership practices must address both immediate developmental needs and longer-term resilience building objectives.

Contemporary developments in Transformational Leadership Theory have expanded its application beyond traditional organizational settings to include educational institutions, community organizations, and social movements, demonstrating its relevance for understanding how leadership practices can influence collective behavior and social outcomes (Avolio et al., 2019). Recent theoretical refinements have also addressed earlier criticisms of the theory by providing more precise specifications of the mechanisms through which transformational leadership practices influence follower outcomes.

The theory's four core dimensions idealized influence, inspirational motivation, intellectual stimulation, and individualized consideration provide a comprehensive framework for understanding how leadership practices can address the developmental, psychological, and social needs that make adolescents either vulnerable or resilient to extremist recruitment. Each dimension addresses different aspects of the leader-follower relationship while contributing to overall leadership effectiveness in building positive organizational climates and individual outcomes.

In the context of counter-extremism efforts in educational settings, Transformational Leadership Theory offers insights into how school leaders can create institutional environments that satisfy adolescents' developmental needs for identity, purpose, belonging, and agency through legitimate channels rather than extremist alternatives. The theory's emphasis on ethical leadership, vision articulation, and individual development provides a roadmap for leadership practices that can compete effectively with extremist recruitment strategies.

Theoretical Anchoring of Study Objectives

Objective 2: Leaders' Collaboration

Transformational Leadership Theory provides the primary theoretical foundation for understanding how collaborative leadership practices influence resilience to violent extremism through the inspirational motivation and intellectual stimulation dimensions of transformational leadership. According to the theory, effective leaders inspire followers by articulating compelling visions and involving them in meaningful ways in achieving shared goals (Bass & Riggio, 2006).

Collaborative leadership practices in educational settings embody the inspirational motivation dimension by creating opportunities for students to contribute to school governance, policy development, and problem-solving processes. When students participate in collaborative decision-making, they experience a sense of agency and purpose that satisfies fundamental developmental needs while building investment in institutional success. This collaborative involvement creates psychological bonds between students and the institution that make extremist recruitment narratives—which often promise alternative forms of agency and purpose—less psychologically attractive. The intellectual stimulation dimension of transformational leadership is particularly relevant to understanding how collaborative practices build cognitive resilience against extremist recruitment. Collaborative leadership approaches that involve students in critical thinking, problem-solving, and decision-making processes develop the intellectual skills and habits that enable students to evaluate extremist propaganda critically rather than accepting it uncritically. Students who regularly engage in collaborative reasoning and evidence-based decision-making are better equipped to recognize and resist the logical fallacies, emotional manipulation, and selective information presentation that characterize extremist recruitment materials.

Collaborative leadership practices also address the individualized consideration dimension by recognizing and valuing each student's unique contributions to collective

endeavours. When school leaders create meaningful opportunities for student participation and acknowledge individual contributions to group success, they satisfy needs for recognition and respect that extremist organizations often exploit in their recruitment efforts. Students who experience genuine recognition for their contributions to legitimate institutional goals are less likely to seek alternative forms of recognition through extremist involvement.

The theory's emphasis on ethical leadership is particularly relevant to understanding how collaborative practices can model the democratic values and processes that serve as alternatives to the authoritarian ideologies promoted by extremist organizations. Students who participate in collaborative leadership processes learn through experience that legitimate authority can be both effective and responsive to participant needs and concerns, making them more resistant to extremist claims that democratic institutions are inherently corrupt or ineffective.

Objective 3: Leaders' Emotional Intelligence

Transformational Leadership Theory provides the primary theoretical foundation for understanding how leaders' emotional intelligence influences resilience to violent extremism through the individualized consideration dimension of transformational leadership. The theory emphasizes that effective transformational leaders demonstrate genuine concern for followers' individual needs, provide mentoring and coaching relationships, and adapt their leadership style to address different followers' developmental requirements (Bass & Riggio, 2006).

Leaders' emotional intelligence enables the individualized consideration that transformational leadership theory identifies as crucial for positive follower outcomes. Emotionally intelligent school leaders can recognize signs of student distress, alienation, or vulnerability that may indicate increased risk for extremist recruitment.

Their ability to perceive, understand, and respond appropriately to student emotions enables them to provide targeted support and intervention before vulnerable students become receptive to extremist messaging.

The emotional regulation component of emotional intelligence is particularly relevant to understanding how leaders can model healthy coping strategies that serve as alternatives to the emotional regulation strategies promoted by extremist organizations. Adolescents experiencing frustration, anger, or despair about personal or social conditions may find extremist ideologies psychologically appealing because they provide clear targets for blame and promise emotional catharsis through collective action. School leaders who demonstrate emotional intelligence can teach alternative emotional regulation strategies while providing supportive relationships that address underlying emotional needs.

The social awareness dimension of emotional intelligence enables school leaders to recognize and respond to group emotional dynamics that may indicate increased vulnerability to extremist recruitment. Leaders who can perceive when student groups are experiencing collective grievances, frustration, or alienation can implement targeted interventions to address these emotional states before they become recruitment opportunities for extremist organizations.

The inspirational motivation dimension of transformational leadership is also relevant to understanding how emotionally intelligent leadership can build resilience. Leaders who can inspire genuine enthusiasm and commitment to positive goals provide students with emotional experiences that compete with the emotional appeal of extremist recruitment. Students who experience inspiration, hope, and positive excitement through participation in legitimate educational activities are less likely to seek these emotional experiences through extremist involvement.

Contemporary Applications and Limitations

Recent applications of Transformational Leadership Theory in educational settings have demonstrated its effectiveness in promoting positive student outcomes, including academic achievement, social development, and psychological well-being (Northouse, 2021). However, critics have noted that the theory's emphasis on individual leader characteristics may underestimate the importance of situational factors and institutional structures in determining leadership effectiveness.

In the context of counter-extremism efforts, this limitation suggests that transformational leadership practices must be understood within broader organizational and social contexts that either support or constrain their effectiveness. The integration of Conservation of Resources Theory addresses this limitation by providing insights into how organizational and institutional factors create or constrain the resources that leaders need to implement transformational practices effectively.

2.8.3 Conservation of Resources (COR) Theory: Understanding Resource-Based Resilience Mechanisms

Conservation of Resources (COR) Theory, developed by Hobfoll (1989) and continuously refined through subsequent research Hobfoll et al. (2018), provides the primary theoretical framework for understanding how organizational and leadership practices influence individual resilience through resource-based mechanisms. The theory's central proposition that individuals strive to acquire, protect, and maintain resources that they value offers crucial insights into how educational institutions can build student resilience against external threats, including extremist recruitment.

Recent theoretical developments have expanded COR Theory's application to educational settings, organizational contexts, and community-based interventions, demonstrating its relevance for understanding how institutional practices influence

individual coping capacity and resilience outcomes (Halbesleben et al., 2020). Contemporary research has also refined the theory's understanding of resource dynamics, including how resources cluster together, how resource loss and gain processes operate differently, and how social and organizational contexts influence resource availability and effectiveness.

The theory's classification of resources into four categories: objects, conditions, personal characteristics, and energies, provides a comprehensive framework for understanding how educational institutions can build student resilience through multiple pathways. Each resource category offers different opportunities for intervention while contributing to overall resilience capacity. The theory's emphasis on resource conservation and investment processes provides insights into how individuals make strategic decisions about resource allocation under threatening conditions.

In the context of counter-extremism efforts, COR Theory offers unique insights into why some students maintain resilience under pressure while others become vulnerable to extremist recruitment. The theory suggests that vulnerability emerges when individuals lack sufficient resources to cope with stressors and threats, while resilience reflects adequate resource reserves that enable effective coping and continued functioning despite adversity.

Theoretical Anchoring of Perceived Organizational Support

Conservation of Resources Theory provides the primary theoretical foundation for understanding how perceived organizational support functions as a moderating variable in the relationship between inclusive leadership and resilience to violent extremism. According to COR Theory, perceived organizational support represents a critical organizational condition resource that influences how individuals experience and

respond to other resources, including those provided through leadership practices (Hobfoll et al., 2018).

The theory suggests that perceived organizational support operates as a "resource caravan"—a cluster of resources that facilitates access to and effectiveness of other resources. Students who perceive high organizational support experience the school environment as a source of multiple resources, including emotional support, instrumental assistance, information, and social connections. This perception enhances their ability to benefit from positive leadership practices while providing resilience against external threats and stressors.

The moderating role of perceived organizational support can be understood through COR Theory's principle of resource investment. Students who perceive strong organizational support are more likely to invest their personal resources (time, energy, attention) in school-related activities and relationships because they expect positive returns on these investments. This investment pattern creates stronger bonds with the institution while building additional resources through positive experiences and relationships.

Conversely, students who perceive low organizational support may interpret even positive leadership practices as insufficient to overcome broader institutional deficits. Their reluctance to invest personal resources in school relationships and activities limits their ability to benefit from leadership practices while maintaining vulnerability to external recruitment efforts that promise more reliable resource support.

Theoretical Integration and Synergistic Effects

The integration of Conservation of Resources Theory with Social Identity Theory and Transformational Leadership Theory creates a comprehensive understanding of how inclusive leadership practices build resilience through multiple, reinforcing

mechanisms. COR Theory's focus on resource processes complements SIT's emphasis on group processes and Transformational Leadership Theory's analysis of leader-follower dynamics, creating a multi-level theoretical framework that addresses individual, interpersonal, group, and organizational factors simultaneously.

The resource perspective provided by COR Theory explains why inclusive leadership practices identified through Social Identity Theory and Transformational Leadership Theory are effective in building resilience. Each dimension of inclusive leadership contributes to different resource categories while benefiting from the resource multiplication effects that COR Theory identifies as crucial for sustainable resilience building.

Leadership openness and accessibility create condition resources by establishing psychological safety and predictable access to support. Leaders' collaboration builds personal characteristic resources by developing students' skills, competencies, and self-efficacy. Leaders' emotional intelligence provides energy resources by reducing emotional stress while building positive emotional experiences. Leaders' commitment to equity ensures fair distribution of object and condition resources while preventing the resource loss that discrimination creates.

Theoretical Framework Integration and Justification

The integration of Social Identity Theory, Transformational Leadership Theory, and Conservation of Resources Theory creates a theoretical framework that captures the complexity of how inclusive leadership practices build resilience to violent extremism through multiple, reinforcing mechanisms. Each theory contributes unique insights while complementing the explanatory power of the other frameworks.

Social Identity Theory provides the foundational understanding of why adolescent boys in marginalized communities may be vulnerable to extremist recruitment through

group-based psychological processes. However, SIT alone cannot explain the specific leadership practices that can address these vulnerabilities or the mechanisms through which organizational contexts influence group identification processes.

Transformational Leadership Theory addresses SIT's limitations by providing detailed analysis of the leadership behaviors and practices that can promote positive group identification and individual development. The theory's four dimensions offer specific guidance for leadership practices that can compete effectively with extremist recruitment strategies. However, Transformational Leadership Theory's focus on leader-follower dynamics provides limited insights into the broader organizational and social contexts that determine leadership effectiveness.

Conservation of Resources Theory addresses the limitations of both SIT and Transformational Leadership Theory by explaining how organizational and contextual factors create or constrain the resources that individuals need to benefit from positive group memberships and leadership practices. COR Theory's resource perspective explains why some students respond positively to inclusive leadership practices while others remain vulnerable despite exposure to positive leadership.

Theoretical Comprehensiveness and Clarity in Explanation

The multi-theoretical approach employed in this study provides comprehensive explanatory power that addresses different levels of analysis while recognizing their dynamic interactions. The framework can explain individual-level variations in response to leadership practices (through Transformational Leadership Theory), group-level processes that influence collective behavior (through Social Identity Theory), and organizational-level factors that determine resource availability and effectiveness (through Conservation of Resources Theory).

This theoretical comprehensiveness is particularly important for understanding counter-extremism efforts, which must address multiple factors simultaneously to be effective. Single-theory approaches that focus only on individual characteristics, group processes, or organizational factors are likely to miss important mechanisms and interactions that determine intervention effectiveness.

The framework's explanatory power extends to understanding both why current approaches may be ineffective and how improved approaches can be designed. By identifying the specific psychological, social, and organizational mechanisms through which inclusive leadership practices influence resilience, the theoretical framework provides guidance for developing targeted interventions that address root causes rather than symptoms.

Practical Implications and Intervention Design

The integrated theoretical framework provides clear guidance for designing leadership development interventions that can build resilience to violent extremism in educational settings. Each theory contributes specific recommendations while the integration ensures that interventions address multiple levels simultaneously.

Social Identity Theory suggests that effective interventions must address group-based identity needs while promoting positive identification with legitimate institutions. Transformational Leadership Theory indicates that interventions must develop specific leadership competencies in areas of inspirational motivation, intellectual stimulation, individualized consideration, and idealized influence. Conservation of Resources Theory emphasizes that interventions must ensure adequate resource availability while teaching effective resource conservation and investment strategies.

The theoretical integration suggests that the most effective interventions will combine elements from all three theoretical frameworks, creating comprehensive approaches

that address individual development needs, group identification processes, and organizational resource systems simultaneously. Such integrated interventions are more likely to produce sustainable resilience outcomes than single-focus approaches that address only one aspect of the complex challenge.

This theoretical framework's practical utility extends beyond intervention design to include assessment and evaluation strategies. Each theory provides specific indicators and outcomes that can be measured to determine intervention effectiveness, while the integration enables comprehensive evaluation that captures multiple dimensions of change simultaneously.

The framework's emphasis on multiple levels of analysis also suggests that effective counter-extremism efforts require coordinated action across individual, group, and organizational levels rather than isolated interventions that address only one level. This insight has important implications for policy development and resource allocation in educational institutions and broader counter-extremism programs.

2.8 Summary of Research Gaps

This comprehensive literature review has identified several critical gaps that the current study addresses, particularly in understanding how inclusive educational leadership can build resilience to violent extremism in North Eastern Kenya's boys' secondary schools.

2.8.1 Theoretical Integration Gaps

The existing literature reveals a significant lack of theoretical integration when examining educational leadership in conflict-affected regions. While Social Identity Theory (Tajfel & Turner, 1986), Transformational Leadership Theory (Bass, 1985), and Resilience Theory (Masten, 2001) have been applied individually across various contexts, their combined application to understand inclusive leadership's role in building resilience to violent extremism remains largely unexplored.

Social Identity Theory Application

Previous studies have primarily applied Social Identity Theory in corporate environments Anderson et al. (2023) and Williams & Johnson (2024), with limited exploration of its relevance to educational settings in post-conflict regions. The theory's potential to explain how inclusive leadership practices can reshape group identities, reduce in-group/out-group tensions, and foster positive school identification among students vulnerable to extremist recruitment requires empirical investigation. Specifically, no studies have examined how the four dimensions of inclusive leadership openness and accessibility, collaboration, emotional intelligence, and commitment to equity might work through social identity mechanisms to build resilience against extremist narratives that exploit identity conflicts.

Transformational Leadership in Crisis Contexts

While Bass's Transformational Leadership Theory has been extensively studied in Western educational contexts Smith & Davis (2023) and Thompson et al., (2024), its application in regions actively affected by violent extremism, particularly in Sub-Saharan Africa, remains limited. The unique challenges of educational leadership in environments characterized by ongoing security threats, extreme cultural and ethnic diversity, resource scarcity, and community tensions require theoretical adaptation. Most existing applications of transformational leadership theory assume stable, secure environments where leaders can focus primarily on inspirational motivation and intellectual stimulation. However, in contexts like North Eastern Kenya, educational leaders must simultaneously address immediate safety concerns, navigate complex tribal dynamics, and counter extremist recruitment efforts challenges not adequately addressed in current theoretical frameworks.

Resilience Theory Evolution

Masten's (2001a, 2024b) framework for resilience has evolved from individual psychology applications to emerging community resilience models (Brown & Lee, 2023; Martinez & Singh, 2024). However, its integration with leadership theories to understand how specific leadership behaviors can systematically build both institutional and individual resilience against extremist influences represents a significant theoretical gap. The literature lacks empirical evidence of how educational leadership practices can activate the protective factors and adaptive processes that Masten identifies as central to resilience development.

2.8.2 Empirical Measurement Gaps

Quantitative research examining the relationship between specific leadership behaviors and resilience to violent extremism faces substantial measurement challenges:

Validated Instrumentation Absence

No validated instruments exist for measuring resilience to violent extremism in educational settings within the African context. Existing resilience scales Peterson & Singh (2023), Martinez et al., 2024 and Connor & Davidson (2003) were developed and validated in Western contexts, primarily focusing on individual psychological resilience to trauma or stress. These instruments lack the cultural sensitivity and contextual specificity required to measure resilience against ideological manipulation and extremist recruitment in predominantly Muslim, pastoralist communities. The current study addresses this gap by adapting and validating measurement instruments specifically for the North Eastern Kenya context.

Leadership Dimension Specificity

Previous educational leadership studies have examined general leadership effectiveness or global transformational leadership constructs Jackson & Wilson (2023) and Carter

et al., (2024) but lack specificity in identifying which leadership dimensions most strongly predict resilience outcomes. The four dimensions examined in this study: openness and accessibility ($\alpha = .89$ in pilot), collaboration ($\alpha = .92$ in pilot), emotional intelligence ($\alpha = .87$ in pilot), and commitment to equity ($\alpha = .91$ in pilot) have not been simultaneously tested as predictors of extremism resilience. This dimensional specificity is crucial for developing targeted leadership development interventions.

Moderation Mechanism Analysis

The role of organizational support as a moderator in the leadership-resilience relationship has received limited empirical attention in educational contexts. While Zhang & Kumar (2024) identified organizational support as important in general educational effectiveness, and Johnson et al. (2023) noted its relevance in corporate resilience, its specific moderating role in amplifying leadership effects on students' resilience to extremist influences requires empirical investigation. Understanding these moderation mechanisms is essential for designing comprehensive interventions that go beyond individual leadership behaviors to address systemic factors.

2.8.3 Contextual Research Limitations

Research in the specific context of North Eastern Kenya and similar regions faces several critical limitations:

Geographic and Cultural Specificity

Most existing research on educational leadership and security has been conducted either in stable, developed environments Johnson et al. (2023) and Davis & Williams (2024) or in post-conflict reconstruction phases where active threats have subsided (Thompson & Martinez, 2023). Active conflict zones where schools continue to operate under ongoing security threats present fundamentally different challenges that require context-specific research. North Eastern Kenya represents a unique case where schools

function despite persistent Al-Shabaab presence, creating a research context not adequately addressed in existing literature.

Pastoralist Community Dynamics

The predominantly Muslim, pastoralist communities of North Eastern Kenya have distinct cultural values, social structures, and educational expectations that differ significantly from contexts where existing research was conducted. Traditional authority structures, oral communication preferences, communal decision-making processes, and religious integration into daily life create unique leadership challenges not captured in Western-developed theories. The interaction between traditional cultural leadership models (such as elder councils and religious authorities) and contemporary educational leadership approaches requires empirical exploration to understand effective leadership adaptation strategies.

Gender-Specific Vulnerabilities

The focus on boys' secondary schools reflects unique gender dynamics in North Eastern Kenya, where male students face recruitment pressures from extremist groups who target young men for operational roles. Previous research has not specifically examined how educational leadership practices can be tailored to address gender-specific vulnerabilities to radicalization. Female students face different recruitment patterns and manipulation strategies, but the current study's focus on boys allows for deep examination of male-specific prevention approaches.

Linguistic and Communication Patterns

The multilingual environment of North Eastern Kenya, where students speak Somali, Kiswahili, Arabic, and English with varying degrees of fluency, creates communication challenges not addressed in existing educational leadership research. Effective inclusive leadership in this context requires navigation of complex linguistic landscapes

that influence how students receive, interpret, and respond to leadership messages—particularly those related to identity, belonging, and resistance to extremist narratives.

2.8.4 Methodological Design Gaps

Current research methodologies show several significant limitations when applied to sensitive security contexts:

Mixed Methods Integration

While qualitative studies provide rich contextual understanding Brown et al. (2023) and Singh and Wilson (2024) and quantitative studies offer statistical rigor and generalizability Martinez and David (2023), few studies have effectively integrated both approaches to provide comprehensive understanding of leadership-resilience relationships in security-sensitive educational environments. The current study's convergent parallel mixed methods design addresses this gap by simultaneously collecting and integrating quantitative survey data (n=316) with qualitative interview data from multiple stakeholder perspectives.

Longitudinal Design Absence

Existing studies have predominantly employed cross-sectional designs Martinez and Davis (2023) and Thompson et al. (2024), limiting understanding of how leadership practices and resilience evolve over time, particularly in response to changing security situations and evolving extremist recruitment strategies. The dynamic nature of both leadership effectiveness and resilience development requires longitudinal investigation to understand causal relationships and change processes over time.

Multi-Stakeholder Perspective Integration

Previous research has typically focused on single-respondent perspectives, either students, teachers, or administrators, limiting the comprehensiveness of findings. The current study's integration of perspectives from school principals, County Directors of

Education, and students themselves provides triangulated understanding of leadership effectiveness and resilience building from multiple vantage points within the educational system.

Cultural Sensitivity in Data Collection

Research in communities affected by violent extremism requires specialized methodological approaches that ensure participant safety, cultural sensitivity, and accurate data collection despite security constraints. Existing methodological frameworks do not adequately address how to conduct rigorous educational research in active conflict zones while maintaining ethical standards and participant protection.

2.8.5 Policy Translation and Implementation Gaps

The translation of research findings into practical interventions and policy frameworks shows significant limitations:

Implementation Framework Development

While theoretical models exist for inclusive leadership Anderson and Smith (2024) and Williams et al. (2023) and resilience building Brown and Johnson (2024), practical implementation frameworks specifically designed for resource-constrained, security-compromised educational environments are notably absent. Educational leaders in North Eastern Kenya require concrete, step-by-step guidance for implementing inclusive leadership practices under conditions of ongoing threat, limited resources, and complex community dynamics.

Leadership Development Curriculum Gaps

Existing leadership development programs for educational contexts Johnson & Davis (2024) and Thompson & Singh (2023) do not address the unique competencies required for leading in environments threatened by violent extremism. Current pre-service and in-service training programs for educational leaders lack modules on conflict-sensitive

leadership, recognizing radicalization warning signs, building community partnerships for security, and fostering resilient school cultures in high-risk environments.

Policy Integration Mechanisms

Current educational policies in Kenya and similar contexts focus primarily on academic achievement, infrastructure development, and teacher training, with limited integration of resilience-building and extremism-prevention strategies into core educational leadership frameworks. The National Education Sector Plan (2018-2022) and subsequent policy documents acknowledge security challenges but lack specific guidance for educational leaders on building institutional resilience against extremist influences.

Resource Allocation Frameworks

Educational budgeting and resource allocation frameworks do not account for the additional costs and specialized resources required for building resilience to violent extremism. Schools in high-risk areas require additional investments in security infrastructure, specialized staff training, community engagement programs, and student support services, but current funding formulas do not recognize these unique needs.

Monitoring and Evaluation Systems

Existing educational monitoring and evaluation systems focus on traditional academic and administrative metrics, lacking indicators for measuring resilience to extremist influences, effectiveness of inclusive leadership practices, or progress in building protective school cultures. This gap limits the ability to assess intervention effectiveness and make evidence-based improvements to leadership approaches.

2.8.6 Regional and Comparative Research Gaps

The broader regional and international comparative context reveals additional research limitations:

Sub-Saharan Africa Research Scarcity

While significant research exists on educational leadership in post-conflict contexts in other regions (Balkans, Middle East, Central America), Sub-Saharan Africa remains under-researched despite facing similar or more severe challenges from violent extremism. The unique combinations of factors present in the region—including pastoralist traditions, Islamic contexts, colonial educational legacies, and ongoing security threats—require dedicated research attention.

Comparative Framework Absence

No comprehensive comparative frameworks exist for understanding how different cultural, religious, and socio-economic contexts influence the effectiveness of inclusive leadership approaches to building resilience against violent extremism. Such frameworks would enable adaptation of successful interventions across different contexts and identification of universal versus context-specific leadership principles.

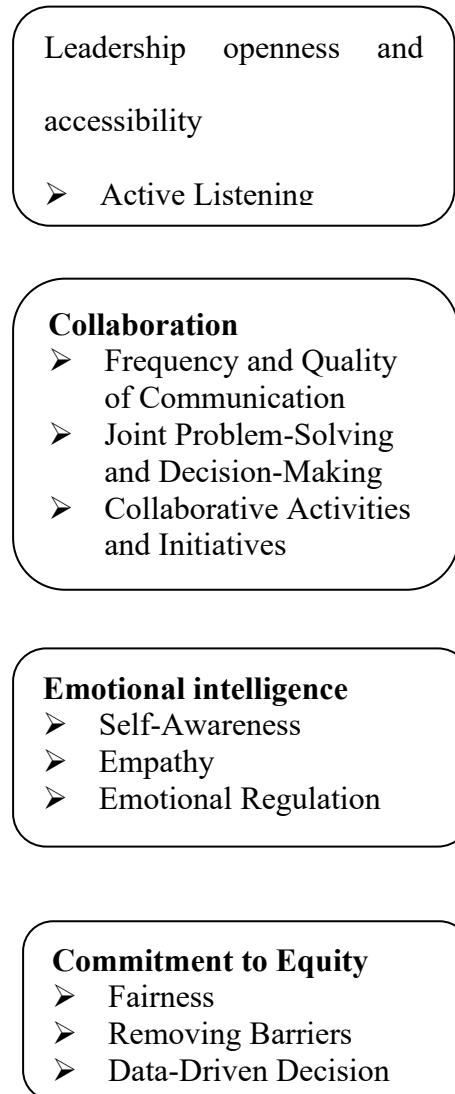
This study directly addresses these identified gaps by providing empirical evidence for the relationship between specific inclusive leadership dimensions and resilience to violent extremism, developing contextually appropriate measurement instruments, testing organizational support as a moderator variable, and offering practical frameworks for educational leadership implementation in conflict-affected regions. The findings contribute to both theoretical understanding and practical application of inclusive leadership in contexts threatened by violent extremism.

2.9 Conceptual Framework

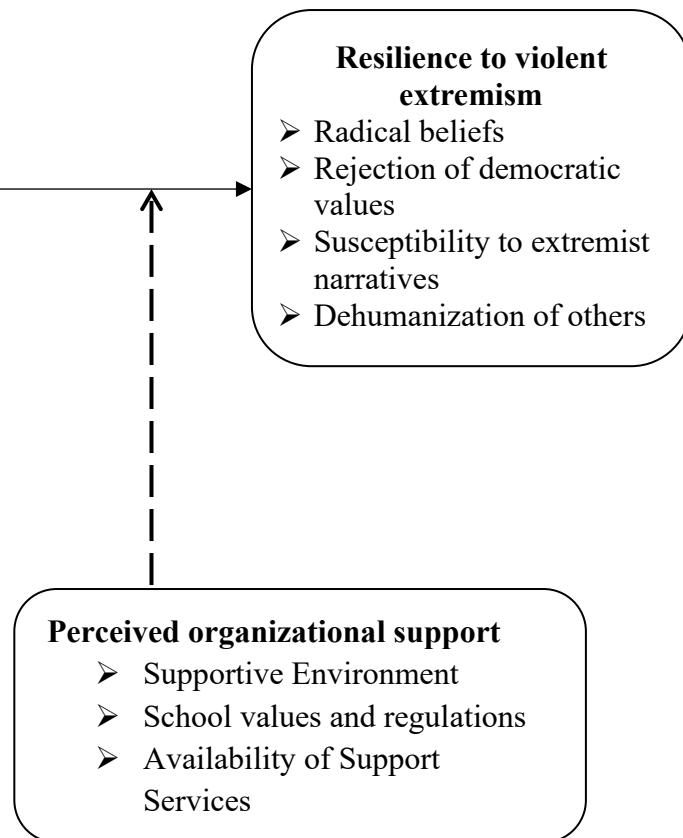
Figure 2.1

Conceptual Framework

Independent Variables



Independent Variables



Moderating Variable

According to Mugenda and Mugenda (2009), a conceptual framework is a visual representation that illustrates the relationship between key variables in a study. It serves as a theoretical model that defines the concepts being examined and how they interact. Changes in independent variables directly influence variations in the dependent variable, highlighting the cause-and effect dynamics within the research.

Independent Variables:

Leadership Openness and Accessibility

Leadership openness and accessibility in schools denotes how approachable, transparent, and communicative school leaders are in supporting students' needs and concerns. When principals, teachers, or administrators practice active listening and foster open dialogue, they cultivate trust and belonging. This is crucial for preventing student alienation a known vulnerability that extremist recruiters can exploit. By understanding how these variable functions in education, policymakers and practitioners can design interventions that strengthen community resilience and reduce the risk of radicalization.

Recent research emphasizes that school leaders who intentionally cultivate openness through active listening build trusting relationships that mitigate feelings of marginalization. Thorpe et al. (2021) found that when school leaders prioritized open communication and demonstrated responsiveness, students reported a greater sense of belonging and reduced behavioral disengagement. The study, conducted across diverse secondary schools in the UK, showed that transparent, accessible leadership practices reduced the social isolation that can make students susceptible to extremist messaging. By embedding regular dialogue forums and ensuring that students' voices inform policy, school leaders can proactively address grievances before they are exploited by radical narratives.

Transparency in school leadership also underpins institutional trust, a key protective factor against radicalization. Munir and Khalid (2020) examined Pakistani secondary schools and found that perceived transparency and fairness among school leaders correlated with lower student alienation and conflict behaviors. Their mixed-method study demonstrated that opaque, hierarchical leadership styles created mistrust and resentment, leaving students vulnerable to alternative ideological authorities. By contrast, schools with open-door policies, transparent decision-making, and clear communication saw stronger student buy-in and reduced susceptibility to divisive propaganda.

Accessibility of school leaders directly impacts student engagement and mental well-being—both critical for resilience against extremist recruitment. Nguyen et al. (2022) conducted a multi-country study in Southeast Asia showing that approachable, student-centered school leaders improved student-teacher relationships, lowered dropout rates, and reduced feelings of disenfranchisement. Accessibility was measured by time spent interacting with students, openness to feedback, and visibility around campus. The researchers argue that such leadership approaches help counteract narratives of marginalization that extremist groups use to radicalize youth, suggesting that leadership accessibility is a critical prevention strategy.

Finally, open and empathetic communication from school leaders promotes emotional safety—a known buffer against extremist recruitment. Salas et al. (2023) studied urban schools in the United States and found that students who perceived their principals as emotionally available and communicative were less likely to feel alienated or targeted for recruitment by violent groups. The study highlights that leadership openness fosters a school climate where difficult topics (including grievances and ideological debates) can be discussed safely, reducing the appeal of secretive, conspiratorial recruitment

tactics. This underscores the importance of training school leaders in empathetic communication and conflict-sensitive engagement.

Collaboration in schools refers to practices that involve shared decision-making, joint problem-solving, and open communication among school leaders, teachers, students, and the wider community. These practices aim to create inclusive environments where students feel valued, engaged, and purposeful. Importantly, fostering such a sense of belonging is considered vital for preventing disengagement and susceptibility to radical or antisocial influences. Recent research has explored how collaborative and empowering practices can strengthen student outcomes, improve school climate, and support broader social cohesion.

A study by Dee et al. (2022) investigated the impact of shared decision-making on school climate and student belonging across 94 schools in the United States. They found that schools with formal structures for teacher and student input into policy decisions reported significantly higher levels of perceived safety, trust, and student connectedness. Joint decision-making processes like participatory committees and student councils with real authority enabled diverse voices to be heard, which in turn fostered a sense of ownership and purpose among students. This sense of inclusion and shared responsibility can act as a protective factor against extremist or radical influences by strengthening community bonds and validating students' identities.

Baker et al. (2020) examined collaborative leadership practices in UK secondary schools serving diverse communities. Their mixed-methods research highlighted that frequent, structured communication between school leaders, teachers, parents, and students-built trust and mutual understanding. By involving community stakeholders in school planning and problem-solving, schools were able to address local social tensions proactively. The study concluded that such empowerment reduced the appeal of

divisive ideologies among youth, as students saw themselves as part of a broader, caring community that respected their voice and cultural background.

A 2021 study by Wang and Degol explored the role of student empowerment in promoting belonging and academic engagement in urban schools in the U.S. Using survey data from over 8,000 students, they found that when students were actively involved in shaping classroom norms, activities, and learning goals, they reported greater motivation and lower behavioral problems. The authors emphasized that such empowerment practices reduce alienation a risk factor for radicalization by giving students meaningful roles in their learning communities and validating their perspectives through frequent, respectful communication with teachers.

Zhu et al. (2023) conducted a large-scale qualitative study in East Asia examining teacher–student collaboration in designing school activities and policies. Their research showed that when students were empowered to co-create anti-bullying campaigns and school improvement plans, they demonstrated stronger pro-social attitudes and a greater sense of shared responsibility for their peers. Frequent communication, teacher mentorship, and inclusive problem-solving were key to these results. The authors argue that such empowerment is essential for preventing social exclusion, which can leave students vulnerable to extremist recruitment.

Emotional Intelligence

Emotional intelligence (EI) is a critical variable in school leadership, encompassing self-awareness, empathy, and emotional regulation. Leaders with high EI recognize their own emotional states and those of others, respond constructively, and foster inclusive, trusting environments. When school leaders model these competencies, they not only improve staff and student relationships but also reduce students' vulnerability to extremist recruitment. By creating emotionally supportive schools, leaders address underlying needs for belonging and meaning that extremist groups often exploit.

A study by Ballesteros-Leiva et al. (2021) examines how leaders' emotional intelligence predicts employee trust and well-being. Although set in organizational contexts, its findings apply directly to school leadership: leaders with strong self-awareness recognize how their moods and reactions influence others, allowing them to respond transparently and build authentic trust. In a school, such trust makes students feel understood and safe, reducing the appeal of extremist groups that prey on feelings of alienation. The research demonstrates that self-awareness is foundational for credible leadership and for cultivating environments resistant to radicalization.

Gkonou et al. (2020) explore the role of teacher and leader emotional intelligence in fostering empathic, inclusive school environments. They argue that emotionally intelligent leaders cultivate empathy as a core institutional value, encouraging staff and students to recognize and respect diverse perspectives. Empathy reduces polarization and "us versus them" thinking, directly undermining narratives used by extremist recruiters. The study suggests that by modeling empathic listening and conflict resolution, leaders make schools safe spaces where students don't feel compelled to seek belonging in radical groups.

A study by Brackett et al. (2019) emphasizes emotional regulation as a central dimension of EI, particularly in handling conflict and crisis. School leaders who can regulate their emotions effectively avoid reactive decision-making that can alienate students. Instead, they de-escalate tensions and demonstrate calm, fair leadership. This stability fosters a sense of security and predictability in students' lives, reducing susceptibility to extremist narratives that thrive on grievance and chaos. Brackett et al. highlight training interventions to strengthen leaders' regulation skills, making them better prepared to prevent radicalization.

Extending these themes, Carmeli et al. (2020) find that leader emotional intelligence predicts positive organizational climate, marked by open communication and psychological safety. In schools, such climates enable students to discuss grievances without fear of judgment or reprisal, reducing the allure of extremist groups that offer an alternative sense of voice and agency. By demonstrating self-awareness, empathy, and emotional regulation, leaders shape school norms that prioritize trust, inclusion, and shared responsibility, disrupting pathways to radicalization.

Commitment to Equity

Commitment to equity in education refers to intentional, systemic efforts to ensure fair opportunities for all students by identifying and removing structural barriers, fostering inclusion, and using data-informed practices to close achievement and experience gaps. This commitment is not only critical for student success, but also for social cohesion: when students perceive fairness and feel valued, they are less likely to develop grievances or resentments that can be exploited by extremist narratives. Recent research underscores the importance of equity-focused policies in schools to support diverse learners and to prevent marginalization.

Garcia and Weiss (2020) examined how data-driven equity audits in schools help identify systemic inequities in discipline and academic opportunities. Their study of multiple U.S. school districts found that equity audits enabled administrators to address disparities in suspension rates and access to advanced coursework for marginalized students. By systematically removing these barriers, schools created environments where students felt respected and fairly treated— directly, reducing frustration and alienation that can lead to radicalization. This illustrates how commitment to equity through data-informed decisions prevents resentment from taking root.

Anyon et al. (2019) evaluated restorative justice practices in urban schools, showing that they can reduce exclusionary discipline and racial disparities. Their findings revealed that when schools shift from punitive to restorative approaches, grievances among marginalized students decline because students feel heard and valued. By fostering inclusion and ensuring fairness, restorative practices embody a commitment to equity that undermines conditions that extremist ideologies often exploit, namely, resentment and perceived injustice.

DeMatthews and Izquierdo (2020) explored how inclusive curricula that acknowledge diverse histories and perspectives promote equity in schools. Their study found that schools implementing culturally sustaining pedagogy improved student engagement and reduced feelings of marginalization among historically underserved groups. By recognizing all students' backgrounds and removing curricular barriers, schools ensure that every student feels valued dampening the appeal of extremist narratives that prey on alienation and exclusion.

Okonofua et al. (2020) studied interventions to reduce teachers' implicit biases in discipline decisions. Their experiment demonstrated that empathy-based training reduced racial disparities in discipline referrals. Such training represents a commitment

to equity by removing systemic barriers that disproportionately harm students of color. By ensuring fair treatment and mitigating grievances that can feed resentment, these interventions support inclusive environments less susceptible to extremist exploitation.

Dependent Variable:

Resilience to Violent Extremism

Resilience to violent extremism is increasingly seen as a critical educational goal, with schools playing a vital role in safeguarding youth from radicalization. By fostering inclusive leadership practices, educators can address key psychological and social vulnerabilities that lead to extremism. Specifically, strengthening school leadership can reduce tendencies toward radical beliefs, rejection of democratic values, susceptibility to extremist narratives, and the dehumanization of others. Below, each variable is explained with recent scholarly research illustrating how targeted leadership and educational practices can mitigate these risks.

Radical beliefs emerge when young people adopt rigid, absolutist ideologies that justify violence for political or religious goals. Schools with strong leadership can counter this by promoting critical thinking and dialogue. A recent study by Davies (2020) argues that "safe spaces" in schools, where students openly discuss controversial issues with guided facilitation, significantly reduce the appeal of black-and-white extremist ideologies. Effective leadership creates a climate where teachers are empowered to address difficult topics and model democratic debate, interrupting the pathway to radicalization.

Rejection of democratic values often manifests as intolerance toward diverse viewpoints, ethnicities, or religions. School leadership can mitigate this by embedding civic education and fostering inclusive school cultures. In a large-scale cross-national study, Hoskins and Janmaat (2019) found that participatory school environments,

where students have voice in decision-making, strengthen democratic attitudes and reduce authoritarian or exclusionary views. By modeling democratic principles in school governance, leaders can cultivate pluralistic values and tolerance among students.

Youth who lack critical media literacy and social belonging are particularly susceptible to extremist recruitment. Strong school leadership can reduce this vulnerability by integrating counter-narrative strategies and promoting belonging. Aly et al. (2021) showed that programs fostering critical digital literacy and social connectedness within schools disrupt the effectiveness of extremist propaganda. Leadership practices that support teacher training in these areas help students recognize manipulative tactics and resist ideological grooming.

Dehumanization underlies many forms of extremist violence by legitimizing harm against out-groups. School leadership can address this by promoting empathy-building and intercultural education. A 2022 study by Feddes and Doosje found that structured empathy training and intergroup dialogue in schools reduced out-group hostility and dehumanizing language. Effective leaders support these interventions, creating school climates where students learn to humanize others, undermining extremist messaging that frames them as enemies.

Moderating Variable:

Perceived Organizational Support (POS)

Perceived Organizational Support (POS) refers to individuals' general belief that their institution values their contributions and cares about their well-being. In the school context, POS includes supportive environments (mentoring, counseling), clear behavioral expectations, and accessible support from staff. Research indicates that POS can play a crucial moderating role in the relationship between inclusive leadership and

students' resilience to violent extremism. Specifically, when students perceive their school as supportive, they are more likely to develop trust in the institution, internalize prosocial values, and resist extremist narratives that thrive on alienation and distrust. A recent study by Kurtessis et al. (2021) emphasizes that POS strengthens trust and organizational attachment by signalling that the institution is benevolent and reliable. In schools, this means students who perceive mentorship and counseling support see their institution as caring. Such trust is critical in inoculating them against extremist recruitment, which often exploits feelings of alienation. Inclusive leadership amplifies these effects by modeling respect and fairness, while POS ensures that these leadership behaviors are not perceived as superficial but embedded in institutional culture. Ghosh et al. (2020) found that POS significantly reduces psychological strain by offering resources such as mentoring and emotional support. In the context of resisting violent extremism, students who face social or identity crises are less vulnerable to extremist narratives if they feel their school provides reliable support systems. Inclusive leadership can directly address diversity and belonging, but without POS, these efforts may not reduce stress enough to prevent extremist influence. POS thus moderates by ensuring inclusive policies translate into reduced stress and better coping mechanisms. In a school setting, POS is not just emotional support, it is also the clear communication of institutional values. Newman et al. (2020) showed that POS promotes internalization of organizational values and goals, reducing counter-normative behaviors. In combating violent extremism, this means students in high-POS environments are more likely to adopt school-endorsed prosocial norms, making extremist ideologies less attractive. Inclusive leadership sets the tone for these norms, but POS ensures that students perceive them as authentic, reinforced through consistent support and communication.

Shanock and Eisenberger (2020) argue that POS enhances the effectiveness of leadership behaviors by making followers more receptive to influence. In schools, this means that when students see teachers and administrators as genuinely supportive, they are more likely to trust inclusive leadership efforts and internalize anti-extremist values. POS thus moderates the relationship by enabling leadership initiatives—like mentoring, values education, and open dialogue—to have a stronger impact on students’ resilience to extremist recruitment.

CHAPTER THREE

RESEARCH METHODOLOGY

3.1 Introduction

This chapter outlines the strategic methodologies and frameworks that guided the achievement of this study's objectives. It delved into key aspects such as the chosen research design, underlying research philosophy, and the specific population under investigation. Additionally, it details the sampling framework, techniques employed for participant selection, and the determination of an appropriate sample size. The section further elaborates on the criteria for inclusion, the tools utilized for data collection, the pretesting process, and the systematic procedures for gathering information. Lastly, it presents the analytical approaches for data interpretation and highlights the ethical principles upheld throughout the research process.

3.2 Research Design

This study adopted a Descriptive Survey Design implemented through a Mixed Methods Research Framework, combining quantitative and qualitative approaches to examine the relationship between inclusive leadership and resilience to violent extremism among boys' secondary schools in Kenya's North Eastern counties.

Rationale and Justification for Descriptive Survey Design

The selection of descriptive survey design was grounded in compelling methodological and practical considerations. Pinsonneault and Kraemer (1993) established that descriptive surveys were particularly effective for identifying variability in phenomena, understanding relationships between variables, and examining current conditions in naturally occurring settings. This directly supported examining how inclusive leadership dimensions (openness/accessibility, collaboration, emotional intelligence, and commitment to equity) relate to student resilience across different school contexts.

Creswell and Creswell (2018) demonstrated that descriptive survey designs are optimal for studies seeking to generalize findings from samples to populations, particularly when investigating attitudes, opinions, and behaviors of large groups. Given this study's focus on understanding leadership practices across multiple schools in three counties (Garissa, Wajir, and Mandera), the descriptive survey design provided the necessary framework for achieving statistical generalizability while maintaining cost-effectiveness and practical feasibility.

The choice was particularly appropriate for the North Eastern Kenya context. Groves et al. (2019) identified that the geographically dispersed nature of schools necessitated a design that could efficiently collect standardized data from multiple locations without intensive site presence. The sensitive nature of violent extremism topics required systematic approaches maintaining participant anonymity while ensuring comprehensive data collection characteristics that descriptive surveys provide effectively. Fowler (2014) noted that descriptive surveys are valuable in conflict-affected regions because they minimize researcher presence time while maximizing data collection efficiency.

The study's focus on measuring multiple constructs necessitated systematic variable operationalization and measurement. DeVellis (2017) demonstrated that descriptive surveys provide optimal frameworks for measuring psychological and social constructs through standardized instruments, particularly for reliable measurement of attitudes, perceptions, and behavioral intentions across large samples. Tourangeau et al. (2000) showed that survey methods excel in measuring sensitive attitudes when proper questionnaire design principles are followed.

Integration of Mixed Methods

The descriptive survey design was embedded within a Sequential Explanatory Mixed Methods Framework following Creswell and Plano (2018). This integration was justified by the need to first establish quantitative patterns through surveys, followed by qualitative exploration to explain and contextualize findings through interviews.

Tashakkori and Teddlie (2010) argued that complex social phenomena such as relationships between leadership practices and extremism resilience require multiple data sources and analytical approaches for comprehensive understanding. The survey component provided breadth for identifying patterns across populations, while qualitative components offered depth for understanding underlying mechanisms and contextual factors.

The mixed methods framework offered significant triangulation benefits enhancing validity and reliability. Denzin (2012) established that methodological triangulation combining quantitative surveys with qualitative interviews strengthens research findings by providing multiple perspectives while compensating for limitations inherent in single methods. Greene et al. (1989) identified that this design addressed triangulation through comparing survey and interview findings, complementarity through using qualitative data to explain quantitative patterns, and expansion through exploring different problem aspects through different methods.

Justifications and Benefits

Generalizability and External Validity: Cook and Campbell (1979) established that descriptive surveys provide superior external validity when understanding phenomena in natural settings. Kerlinger and Lee (2000) demonstrated that well-designed descriptive surveys with appropriate sampling provide the strongest foundation for statistical generalization, supporting the study's goal of informing policy and practice across the region.

Cost-Effectiveness and Feasibility: Salant and Dillman (1994) established that descriptive surveys offer optimal cost-effectiveness for geographically dispersed populations. Given financial and logistical constraints across three counties with limited infrastructure, the survey design provided the most practical approach for comprehensive data collection.

Standardization and Reliability: Krosnick (1999) established that descriptive surveys excel in providing standardized measurement conditions enhancing reliability and enabling meaningful comparisons across contexts. Clark and Watson (1995) demonstrated that survey-based approaches provide necessary psychometric foundations for reliable construct measurement.

Triangulation and Methodological Rigor: Maxwell (2012) demonstrated that mixed methods approach incorporating surveys address validity threats affecting single-method studies. The quantitative component addressed researcher bias concerns, while qualitative components addressed measurement validity and contextual understanding.

Policy and Practice Relevance: Rossi et al. (2004) established that descriptive surveys provide optimal data for policy development because they generate standardized information easily communicated to policymakers. Weiss (1998) demonstrated that quantitative survey data carries credibility with policymakers and funders.

The adoption of descriptive survey design within a mixed methods framework represented a strategic methodological choice aligned with theoretical foundations, practical constraints, and policy objectives, providing standardization for reliable measurement, scope for generalizability, and depth for comprehensive understanding of complex relationships between inclusive leadership practices and student resilience to violent extremism.

3.3.1 Research Approach

A research approach is the overarching plan and rationale that guided the selection of methods, strategies, and procedures for collecting and analyzing data to address a research problem (Creswell & Creswell, 2018). The most suitable research approach for this study was the mixed methods approach, which integrated both quantitative and qualitative methodologies. This approach allowed for a comprehensive examination of the phenomenon by combining the strengths of statistical analysis with the depth of contextual understanding. Quantitatively, structured questionnaires measured the influence of inclusive leadership dimensions such as openness, collaboration, emotional intelligence, and equity on students' resilience to violent extremism (Creswell & Plano, 2018). Qualitatively, interviews with school leaders, teachers, students, and community stakeholders uncovered nuanced perspectives, lived experiences, and the socio-cultural dynamics that shaped leadership practices and vulnerability to radicalization. The mixed methods approach was especially appropriate in complex, sensitive contexts like North-Eastern Kenya, where cultural, historical, and security factors intersect. By triangulating data, this approach enhanced the reliability and validity of findings, offering actionable insights for policy and practice in educational leadership and peacebuilding (Tashakkori & Teddlie, 2016).

3.3.2 Research Paradigm

A research paradigm is a worldview that guided inquiry through assumptions, methodology, and epistemology (Creswell, 2014). The study adopted the pragmatic research paradigm. Pragmatism focused on real-world applications and prioritized the research problem over philosophical traditions, allowing the integration of both qualitative and quantitative approaches to gain a comprehensive understanding of complex social phenomena (Creswell & Plano, 2018). Given the multifaceted nature of

violent extremism and its interaction with leadership, organizational support, and student resilience, a pragmatic approach enabled the researcher to explore the lived experiences of students and school leaders while also quantifying the extent and patterns of inclusive leadership practices and resilience outcomes (Morgan, 2014). The paradigm supported mixed methods data collection, which was critical in this study to capture measurable constructs like leadership openness, emotional intelligence, and perceived support, alongside rich contextual insights into the challenges of preventing radicalization in marginalized regions (Tashakkori & Teddlie, 2019). This paradigm aligned with the study's goal of developing actionable solutions for policy and practice in education and security.

3.4 Location of the Study

This study was conducted in the North Eastern counties of Kenya, a strategically significant region comprising Garissa, Wajir, and Mandera counties that collectively cover approximately 127,358 square kilometers along Kenya's 682-kilometer border with Somalia. This region presents a unique socio-political and geographical context that makes it particularly relevant for examining the intersection of educational leadership and resilience to violent extremism.

The North Eastern region is characterized by predominantly arid and semi-arid landscapes, with annual rainfall ranging from 200-400mm, supporting primarily pastoralist and agro-pastoralist livelihoods. The population of approximately 2.4 million people (Kenya National Bureau of Statistics, 2019) is ethnically diverse, with the Somali community constituting the majority, alongside Borana, Turkana, and other pastoral communities. The region's extensive cross-border cultural, linguistic, and kinship ties with Somalia create complex identity dynamics that influence both vulnerability and resilience to extremist recruitment narratives.

Historically, the North Eastern region has experienced systematic marginalization since Kenya's independence, reflected in limited infrastructure development, restricted access to quality education and healthcare, and minimal representation in national economic opportunities (Lind et al., 2017). The region records some of Kenya's lowest human development indicators, with literacy rates below 30% and youth unemployment exceeding 70% (UNDP Kenya, 2020). These socio-economic conditions create grievances that extremist organizations exploit in their recruitment strategies, making educational interventions particularly critical for building alternative pathways for youth development.

The region's porous borders with Somalia, combined with limited state security presence, have made it vulnerable to infiltration and recruitment activities by Al-Shabaab and other extremist groups. Major security incidents, including the 2013 Westgate Mall attack, the 2015 Garissa University College massacre, and numerous smaller-scale attacks, demonstrate the region's strategic importance in Kenya's counter-terrorism efforts. The presence of refugee camps, particularly Dadaab, one of the world's largest refugee complexes, adds additional complexity to security dynamics and inter-community relations.

Boys' secondary schools in this region serve as particularly critical sites for intervention, given that adolescent males constitute the primary demographic targeted by extremist recruiters. These educational institutions function not merely as centers of academic learning but as crucial spaces for identity formation, social cohesion building, and values transmission. The schools operate within challenging conditions, including teacher shortages, inadequate infrastructure, and community mistrust of formal education systems perceived as extensions of a discriminatory state apparatus.

The selection of the North Eastern counties as the study location was strategic and purposeful. First, the region represents a natural laboratory for examining how educational leadership practices function under conditions of active extremist recruitment pressure. Second, the area's demographic characteristics predominantly Muslim, ethnically Somali, historically marginalized mirror conditions found in other regions globally where educational counter-extremism interventions are needed. Third, the presence of ongoing government and NGO counter-extremism programs provides a policy-relevant context for research findings.

Conducting research in this security-sensitive region required extensive consultation with national and county security agencies, educational authorities, and community leaders. The study's focus on boys' secondary schools was informed by both security considerations as these institutions face direct recruitment pressures and developmental considerations, as adolescent males in this context face risks and vulnerabilities that educational interventions can address.

By situating the research within this complex and challenging context, the study aims to generate findings that are not only academically rigorous but also practically relevant for educational policymakers, security agencies, and development practitioners working to build resilience against violent extremism in marginalized communities facing active security threats. The North Eastern counties thus provide an ideal setting for examining how inclusive leadership practices can function as protective factors in educational environments characterized by multiple risk factors for extremist recruitment.

3.5 Target Population

According to Kothari (2017), a target population represents the entire collection of individuals, objects, or events that possess specific characteristics relevant to a research

investigation and from which a researcher seeks to draw conclusions. Creswell and Creswell (2018) further clarify that the target population should be clearly defined in terms of content, geographical boundaries, and time parameters to ensure research validity and generalizability.

For this study, the target population was strategically defined to encompass all stakeholders within the educational ecosystem who influence or are affected by inclusive leadership practices and resilience-building efforts against violent extremism in boys' secondary schools across the North Eastern counties of Kenya.

The primary target population consisted of male students enrolled in secondary schools (Forms 1-4) across Garissa, Wajir, and Mandera counties. This demographic was selected based on several critical considerations supported by contemporary research on violent extremism and youth vulnerability.

Male students aged 14-19 years represent the demographic most actively targeted by extremist recruitment efforts in the region Botha and Abdile (2019) falling under the age and developmental vulnerability: Horgan and Braddock (2020) established that adolescent males in marginalized communities face vulnerability during identity formation periods, making them susceptible to radical ideological influence when legitimate pathways for recognition, belonging, and purpose appear limited.

Secondary school represents the final systematic educational intervention opportunity before youth enter adult economic and social markets. UNESCO (2018) demonstrated that boys who complete secondary education in conflict-affected regions show significantly higher resilience to extremist recruitment, making this educational level particularly critical for intervention research.

Students in the North Eastern counties face compounded risk factors including historical marginalization, proximity to active conflict zones, limited economic

opportunities, and cultural grievances that extremist organizations actively exploit (Mwangi, 2021). The intersection of these factors with the educational environment creates unique conditions requiring specialized leadership approaches.

The secondary target population comprised educational leaders and administrators at multiple levels of the education system, reflecting the study's focus on inclusive leadership practices and their implementation contexts. School Principals were included as they represent the primary institutional leaders responsible for creating school climate, establishing policies, and implementing inclusive leadership practices that directly affect student resilience. Northouse (2021) established that principals serve as the primary conduits through which inclusive leadership practices are translated into daily school operations and student experiences.

Sub-County Directors of Education were included to provide insights into policy implementation, resource allocation, and systemic challenges that affect inclusive leadership practice effectiveness across schools within each county. They were also included to capture the operational-level perspective on how inclusive leadership practices are supported, monitored, and sustained within local educational contexts.

Deputy County Commissioners (DCCs) were included as they represent the security-education interface and provide critical insights into how educational institutions function within the broader counter-extremism ecosystem. Their perspectives illuminate how inclusive leadership practices in schools complement or conflict with other counter-extremism interventions in the region.

Population Distribution and Justification

The target population distribution across the three counties reflects both demographic realities and strategic research considerations:

Table 3.1

Target Population Distribution

County	Boys in in Secondary Schools	School Principals	Sub-County Directors of Education	DCC
Garissa	2157	41	6	6
Wajir	1742	40	6	6
Mandera	1971	27	6	6
Total	5870	108	18	18

Population Distribution

Garissa County represents the most urbanized area with the highest student enrollment, reflecting greater educational infrastructure development and accessibility. The county's experience with major extremist attacks, particularly the 2015 Garissa University College incident, provides crucial context for understanding how educational institutions adapt and build resilience following traumatic events.

Wajir County represents a transitional context between urban and rural dynamics, with significant cultural diversity and cross-border economic activities that create unique identity negotiation challenges for students. The county's experience with community-based peace-building initiatives provides insights into how educational leadership can complement broader social cohesion efforts.

Mandera County represents the most remote and conflict-affected area, with the lowest number of schools but potentially the highest security risks. Despite fewer schools, the county's border location and frequent security incidents create conditions where educational leadership practices face the most severe testing.

3.6 Sampling Techniques and Sample Size

This section presents a comprehensive examination of the systematic approach employed to select representative participants from the target population and determine the appropriate sample size necessary for achieving the study's research objectives. The sampling methodology adopted for this research was carefully designed to ensure statistical rigor while accommodating the unique geographical, security, and logistical challenges inherent in conducting educational research within the North-Eastern counties of Kenya.

3.7.1 Sampling procedure

A sampling procedure refers to the systematic process used by researchers to select a subset of individuals or units from a defined population to draw conclusions about the entire population. It involves specifying the target population, choosing an appropriate sampling frame, selecting a sampling method (e.g., probability or non-probability), and implementing clear steps to ensure the sample is representative, unbiased, and suitable for the study's objectives (Creswell & Creswell, 2018). Sampling procedures are crucial in the research as they enabled the researcher to efficiently gather representative data from a subset of the population, allowing for valid inferences about the characteristics of the entire population.

The foundation of any robust empirical study lies in its ability to draw valid inferences about a broader population from a carefully selected subset of that population. In the context of this research, which seeks to understand the relationship between inclusive leadership and resilience to violent extremism among secondary school boys in a complex socio-political environment, the sampling approach required particular attention to representativeness, accessibility, and ethical considerations. The methodology employed represents a deliberate balance between statistical ideals and

practical realities, ensuring that the findings would possess both internal validity and meaningful generalizability to the broader population of interest.

The sampling framework for this study was constructed using the most recent enrolment records obtained from the Ministry of Education Kenya (2024), which provided a comprehensive and authoritative listing of all registered secondary schools and their enrolled male students across Garissa, Wajir, and Mandera counties. This framework served as the population database from which all sampling decisions were made, ensuring complete coverage of the target population while eliminating potential sampling frame errors that might arise from outdated, incomplete, or inaccurate records. The use of official government records as the sampling frame was particularly important given the dynamic nature of school enrollment in the region and the need to ensure that the sample accurately reflected the current educational landscape.

The study employed a multi-stage probability sampling design that systematically combined stratified sampling, cluster sampling, and simple random sampling techniques. This approach was necessitated by the geographical dispersion of the target population across three counties, the clustering of students within schools, and the practical considerations associated with data collection in a region with significant security and accessibility challenges. The multi-stage design ensured that the final sample maintained the probabilistic properties essential for statistical inference while remaining logistically feasible given the constraints of the research environment.

The first stage of the sampling process involved stratified sampling by county, where the three North-Eastern counties of Garissa, Wajir, and Mandera formed natural strata based on their administrative boundaries and distinct socio-political characteristics. This stratification strategy was theoretically justified by the recognition that each county possesses unique demographic compositions, security situations, and

educational infrastructures that could potentially influence both the manifestation of violent extremism risks and the effectiveness of inclusive leadership approaches. By ensuring proportional representation from each county, the stratified approach enhanced the precision of population estimates while capturing potential regional variations in the phenomena under investigation. The proportional allocation resulted in Garissa contributing 36.8 percent of the total population with 2,157 students, Wajir contributing 29.7 percent with 1,742 students, and Mandera contributing 33.6 percent with 1,971 students.

Within each county stratum, the second stage involved cluster sampling where schools served as primary sampling units. This clustering approach was both theoretically sound and practically necessary, given that students naturally cluster within educational institutions and that schools represent meaningful contextual units for understanding leadership dynamics and student resilience. The selection of schools within each county employed probability proportional to size sampling, a technique that ensures larger schools have higher selection probabilities while maintaining the self-weighting property of the overall sample. This approach prevented the overrepresentation of smaller schools that might occur with simple random sampling of schools, while ensuring that the diversity of school sizes present in the population was adequately reflected in the sample.

The third and final stage of the sampling process involved simple random sampling of individual male students within the selected schools. School enrollment registers served as the immediate sampling frames for this stage, with random number tables employed to ensure that each eligible student had an equal probability of selection. This approach minimized selection bias at the individual level and enhanced the external validity of findings by ensuring that the sample was not systematically skewed toward types of

students within schools. The systematic application of random selection procedures at this stage was crucial for maintaining the probabilistic integrity of the overall sampling design.

Complementing the probability sampling of students, the study employed purposive sampling to select key informants who could provide specialized insights into leadership practices and organizational dynamics within the educational system. This purposive component involved the strategic selection of 31 key informants, comprising 15 school principals, 8 Sub-County Directors of Education, and 8 Deputy County Commissioners. These individuals were selected based on their specialized knowledge, administrative experience, and direct involvement in youth resilience programs within the study area. The selection criteria for key informants included a minimum of two years of service in their current position, direct involvement in student welfare programs, and demonstrated availability and willingness to participate in in-depth interviews. This purposive sampling approach was methodologically appropriate for the qualitative component of the mixed-methods design, as it prioritized information richness over statistical representativeness.

3.7.2 Sample Size

According to Kothari (2017), a sample size serves as a subset of the entire population selected for examination and analysis. In this study, the accessible population was deemed sufficiently large to yield meaningful insights. The research focused on a target group of 5,870 male students enrolled in public secondary schools across the North-eastern counties of Kenya. To determine the appropriate sample size, Yamane's (1967) formula was applied.

$$n = \frac{N}{1 + N(e^2)}$$

Where: N = Population size

n = sample size

e = Margin error of the study set at $\pm 5\%$

$$\text{Sample size will be } n = \frac{5870}{1 + 5870 \times 0.05^2} = 375$$

$$n \approx 375$$

Therefore, using Yamane's formula, the calculated sample size (n) is approximately 375 for a population of 5870 with a 95% confidence level and a margin of error of 5%. The sample size for the study therefore was 375 boys drawn from public secondary school from North-Eastern counties of Kenya which is 6.39% of the entire study population. Sample is presented in Table 3.2 below.

Table 3.2

Sample Size Distribution

County	Boys in secondary schools	Sample size (Students)	Sample size (School Principal)	Sample size (DCCs)	Sample size (Sub-County Directors of Education)
Garissa	2157	137	5	3	3
Wajir	1742	112	5	3	3
Mandera	1971	126	5	2	2
Total	5870	375	15	8	8

3.8 Research Instruments

3.8.1 Questionnaires

The study used questionnaires to gather data from boys (students) enrolled in public secondary schools across the North-Eastern counties of Kenya. The use of standardized, closed-ended questions ensured that responses remained consistent across all

participants, facilitating quantitative analysis. The questionnaire was structured around the study's objectives, focusing on key variables like leadership openness, emotional intelligence, collaboration, empowerment, and resilience to violent extremism. This method allowed for efficient data collection from a large sample, making the results more generalizable to the broader population. The closed-ended format enabled easy coding and analysis, contributing to the reliability of the data.

The questionnaire was structured into seven distinct sections to comprehensively address the study's objectives. Section A collected demographic information such as grade level, county of residence, and awareness of violent extremism, establishing the respondent context. Sections B through E employed a 5-point Likert scale to measure perceptions of inclusive leadership dimensions, specifically leadership openness and accessibility, leaders' collaboration, emotional intelligence, and commitment to equity. Section F similarly assessed the moderating influence of perceived organizational support using scaled items designed to capture students' perceptions of fairness, belonging, and support within their schools. Section G evaluated resilience to violent extremism through attitudinal statements probing acceptance of violence, intolerance, and ideological rigidity. Each section also included open-ended questions to elicit richer qualitative insights, allowing students to describe personal experiences and suggest improvements, thus ensuring both quantitative rigor and qualitative depth in capturing the complex dynamics of leadership and resilience in the school context.

The questionnaire was selected as the primary data collection instrument based on several methodological considerations that aligned with the study's objectives and target population characteristics. First, questionnaires provided standardization and consistency across all participants, eliminating interviewer bias and ensuring that each respondent received identical questions in the same sequence (Creswell & Creswell,

2018). Second, the anonymous nature of questionnaires was particularly crucial given the sensitive nature of topics related to violent extremism, allowing students to respond more honestly without fear of identification or potential repercussions (Fowler, 2014). Third, questionnaires enabled efficient data collection from a geographically dispersed sample across three counties, making the research logistically feasible within time and resource constraints. The structured format facilitated systematic quantitative analysis while the inclusion of open-ended questions provided opportunities for qualitative insights, thus supporting the mixed-methods design of the study.

The questionnaire approach offered several distinct advantages for this research context. The standardized format ensured high reliability and enabled statistical comparisons across different subgroups within the sample. The self-administered nature reduced social desirability bias, particularly important when exploring sensitive attitudes toward leadership and extremism. Additionally, the questionnaire format allowed for the incorporation of validated scales for measuring complex constructs such as emotional intelligence and organizational support, enhancing the psychometric properties of the data collection. However, the study acknowledged inherent limitations of questionnaires, including the potential for response set bias, the inability to probe deeper into unexpected responses, and possible comprehension issues among participants with varying literacy levels. These limitations were mitigated through careful instrument design, pilot testing, and the complementary use of qualitative interviews.

3.8.2 Interview Guide

To complement the quantitative data collected from the questionnaire's, semi-structured interviews were conducted with key informants, including school principals, Sub-County Directors of Education, and Deputy County Commissioners (DCCs).

These individuals were chosen due to their in-depth knowledge of the educational and administrative processes in the region, as well as their familiarity with leadership practices and the challenges of preventing violent extremism. The interview guide included structured questions based on the study's objectives, while also providing flexibility for deeper exploration of the subjects discussed. The qualitative insights from these interviews enhanced the richness of the study, allowing for a more nuanced understanding of the factors influencing resilience to violent extremism in boys' secondary schools.

The semi-structured interview guide was strategically selected to complement the quantitative data and capture the nuanced perspectives of key educational leaders who possessed institutional knowledge and decision-making authority within the school systems. Semi-structured interviews were chosen over structured interviews to maintain consistency in core topics while allowing flexibility to explore emerging themes and follow up on particularly relevant responses (Bryman, 2016). This approach was essential for understanding the complex organizational dynamics and leadership practices that could not be adequately captured through closed-ended questionnaire items. The selection of principals, Sub-County Directors of Education, and Deputy County Commissioners as key informants was based on their hierarchical positions within the educational and administrative systems, providing multi-level perspectives on leadership practices and their impact on student resilience.

The interview guide approach provided several critical advantages for capturing the leadership perspective on resilience-building initiatives. The face-to-face format enabled the researcher to establish rapport with senior officials, facilitating more open discussions about sensitive topics related to violent extremism and institutional responses. The flexibility inherent in semi-structured interviews allowed for real-time

clarification of responses and the exploration of unexpected insights that emerged during conversations. This was particularly valuable given the complex socio-political context of North-Eastern Kenya, where standardized questions might miss important contextual factors. The interview format also enabled the collection of rich, narrative data that provided deeper understanding of the mechanisms through which inclusive leadership practices influence student outcomes, thereby supporting the theoretical framework development and interpretation of quantitative findings.

3.9 Measurement of Variables Matrix

Table 3 presents the approaches in the measurement of variables.

Table 3.3

Measurement of Variables Matrix

Variable	Type	Operational Definition	Indicators	Tool Used	Level of Measurement	Measurement Scale
Leadership Openness and Accessibility	Independent Variable	The degree to which school leaders are transparent, approachable, and allow open communication with students	Frequency of student-leader interactions Openness in decision-making Leader visibility	Student Questionnaire (Section B) interview schedules	Ordinal	Likert (1–5) Scale
Leaders' Collaboration	Independent Variable	The extent to which school leaders encourage teamwork, shared decision-making, and student empowerment	Shared leadership practices Student involvement in planning Encouragement of initiatives	Student Questionnaire (Section C) interview schedules	Ordinal	Likert (1–5) Scale
Leaders' Emotional Intelligence	Independent Variable	Leaders' ability to recognize, understand, and manage their emotions and those of others in the school	Empathy towards students Conflict resolution skills Emotional self-regulation	Student Questionnaire (Section D) interview schedules	Ordinal	Likert (1–5) Scale
Leaders' Commitment to Equity	Independent Variable	The leader's dedication to ensuring fairness, equal treatment, and inclusive	Non-discriminatory policies Support for marginalized groups	Student Questionnaire (Section E)	Ordinal	Likert (1–5) Scale

		opportunities for all students	Equity in resource distribution	interview schedules			
Perceived Organizational Support	Moderating Variable	Students' perception that the school values their well-being and academic success	Availability of mentorship Access to psychosocial support Security and safety measures	Student Questionnaire (Section F) interview schedules Student Questionnaire (Section G)	Ordinal	Likert (1–5)	Scale
Resilience to Violent Extremism	Dependent Variable	The ability of students to resist and recover from extremist influence and stressors	Ability to reject extremist ideologies Coping strategies Persistence in education	interview schedules	Ordinal	Likert (1–5)	Scale

Note: The student questionnaire served as the primary quantitative data collection tool, while semi-structured interviews with principals, Deputy County Commissioners, and Sub-County Directors of Education provided qualitative contextual information to enhance understanding of the quantitative findings.

3.10 Pre-testing of Research Instruments

In designing research instruments, conducting pre-testing is a crucial step in enhancing the reliability and validity of data collection tools (Yu et al., 2024). According to Mugenda and Mugenda (2009), a sample of at least 10% of the actual study sample size is sufficient for pre-testing. This study conducted comprehensive pre-testing to identify and address any inconsistencies or errors, ultimately improving the quality of data collected in the main study.

The pre-testing was conducted in Mombasa County, Kenya, specifically targeting boys' public secondary schools within the county. Mombasa County was strategically selected as the piloting location because it is geographically separate from the primary study area of Garissa, Wajir, and Mandera Counties, thus avoiding contamination effects between pre-testing and main data collection phases. Additionally, Mombasa County shares similar radicalization characteristics with the North-Eastern counties, including multicultural composition, documented cases of violent extremism, and reported cases of radicalization among vulnerable youth populations.

A pilot study was conducted with 40 male students from boys' secondary schools in Mombasa County, representing 10.7% of the main study sample of 375 students. This sample size exceeded the recommended 10% threshold and provided adequate power for comprehensive reliability testing. The students were selected through stratified random sampling across different class levels to ensure representativeness of the target population. All feedback received was used to refine the instruments further addressing issues relating to ambiguity in content phrasing. This ensured that the study's research instruments achieved clarity and context relevance before carrying out the data collection process.

3.10.1 Validity of Research Instruments

The study employed two primary data collection instruments that underwent rigorous validation procedures. The student questionnaire served as the primary quantitative data collection tool, while semi-structured interview guides were designed for key informants including school principals, Deputy County Commissioners, and Sub County Directors of Education.

Content validity of the student questionnaire was established through expert review by three education and security specialists who assessed the alignment of items with the study objectives and their appropriateness for the target population. The questionnaire was structured into seven sections, with Section A collecting demographic information and Sections B through G employing 5-point Likert scales to measure the study variables corresponding to each research objective. This systematic organization ensured comprehensive coverage of leadership openness and accessibility, leaders' collaboration, leaders' emotional intelligence, leaders' commitment to equity, perceived organizational support, and resilience to violent extremism.

The semi-structured interview guides underwent content validation by the same three education and security experts who evaluated the relevance, clarity, and comprehensiveness of the questions. These qualitative instruments were designed to elicit deeper insights into the research objectives while maintaining sufficient flexibility for probing and follow-up questions during data collection. The interview guides contained structured questions aligned with the study objectives while complementing the quantitative findings anticipated from the student questionnaire.

Construct validity was further assessed through pilot testing, which confirmed that the instruments effectively measured the intended constructs. The clear factor structure and logical grouping of items within each section supported the theoretical framework

underlying the study. No major revisions were required following the validity assessment, indicating that the instruments were well-designed and appropriate for the research context.

3.10.2 Reliability of Research Instruments

Reliability testing was conducted to assess the internal consistency of all research instruments used in the study. The study employed both internal consistency and test-retest reliability approaches to ensure comprehensive evaluation of instrument dependability. Internal consistency was measured using Cronbach's Alpha coefficient, with values of 0.7 and above accepted as indicating reliable instruments (Yu et al., 2024).

A pilot study was conducted with 40 male students from boys' secondary schools in Mombasa County, Kenya. Mombasa County was specifically selected as the piloting location because It is not part of the primary study area (Garissa, Wajir, and Mandera Counties), thus avoiding contamination effects. The region also shares similar radicalization characteristics with the North-Eastern counties due to its multicultural composition and documented cases of violent extremism lastly, Mombasa County also provided a comparable context for testing instrument reliability while maintaining geographical separation from the main study

Two primary research instruments were pre-tested in Mombasa County: Student Questionnaires were administered to 40 male students from boys' secondary schools through supervised self-completion method. Students completed the questionnaire in classroom settings under research assistant supervision, with average completion time of 25-30 minutes. Secondly, Semi-structured Interview Guide - pre-tested with 3 education officials in Mombasa County comprising 1 school principal, 1 county education officer, and 1 deputy county commissioner. Pilot interviews were conducted

face-to-face, lasting 15-20 minutes each, and were audio-recorded with consent to assess question clarity and flow.

Table 3.4

Reliability Results of Research Instruments

Research Instrument	Target Respondent	Number of Items	Cronbach's Alpha	Interpretation
Student Questionnaire - Section B (Leadership Openness)	40 Male Students	5	0.821	Good
Student Questionnaire - Section C (Leaders' Collaboration)	40 Male Students	5	0.784	Good
Student Questionnaire - Section D (Leaders' Emotional Intelligence)	40 Male Students	5	0.869	Excellent
Student Questionnaire - Section E (Leaders' Commitment to Equity)	40 Male Students	5	0.762	Good
Student Questionnaire - Section F (Perceived Organizational Support)	40 Male Students	8	0.845	Good
Student Questionnaire - Section G (Resilience to Violent Extremism)	40 Male Students	5	0.892	Excellent
Overall Student Questionnaire	40 Male Students	33	0.829	Good
Semi-structured Interview Guide	3 Education Officials	N/A*	Content Validated	Acceptable

The student questionnaire demonstrated excellent overall reliability with a Cronbach's Alpha of 0.829, confirming that this instrument reliably measured the intended constructs across all sections. Section G measuring Resilience to Violent Extremism achieved the highest reliability coefficient of 0.892, while Section D measuring Leaders' Emotional Intelligence demonstrated excellent reliability at 0.869. All sections exceeded the acceptable reliability threshold of 0.70.

While qualitative instruments do not undergo Cronbach's Alpha testing, they were validated through expert review and pilot testing. The semi-structured interview guide underwent content validation by three education and security experts who confirmed

its relevance, clarity, and alignment with study objectives. Pilot interviews with education officials in Mombasa County confirmed appropriate question flow, cultural sensitivity, and adequate coverage of research objectives. No major revisions were required following validation, indicating the interview guide was suitable for data collection with school principals, Deputy County Commissioners, and County Directors of Education.

Test-retest reliability was assessed by re-administering the student questionnaire to the same 40 students after a two-week interval. Pearson correlation coefficients were calculated, yielding correlations ranging from $r = 0.74$ to $r = 0.89$, all statistically significant at $p < 0.01$, demonstrating excellent temporal stability of the student questionnaire across all measured constructs.

Item-total correlation analysis revealed that no items required deletion from the student questionnaire, confirming the integrity of the instrument structure. The comprehensive reliability assessment provided strong evidence that both research instruments would accurately and consistently assess the intended variables during the main study, supporting valid conclusions about inclusive leadership and resilience to violent extremism among boys' secondary schools in North Eastern Kenya.

3.11 Data Collection Procedure

In this study, data collection began with the distribution of questionnaires to individuals at selected Sub- County public secondary schools around the region. Below were the steps involved in distributing the questionnaire.

3.11.1 Procedure for Administering the Questionnaire

Questionnaires were administered to selected students. They were required to be returned on the day they were administered unless an agreement was made with the respondent. With the research permit and approval letter, phone numbers of principals

of selected secondary schools were obtained. The researcher called these principals beforehand to make initial contact and subsequently dispatched research assistants. This aided in distributing the questionnaires. In the field, selected respondents were approached politely, and upon introduction, research assistants told them why the study was crucial and asked for cooperation. The research assistants highlighted crucial sections of the questionnaire and left it for the respondent to fill out themselves. The research assistants collected the filled-in questionnaires and properly labelled them.

3.11.2 Procedure for Conducting Interview

A meeting with the principals, Deputy County Commissioners, and Sub-County Directors of Education in Wajir, Garissa, and Mandera Counties was arranged via telephone. This preliminary meeting was crucial for finalizing the dates, locations, and times for the interviews. On the predetermined dates, the researcher conducted face-to-face interviews with the participants. Each interview typically lasted approximately 5 to 20 minutes, guided by the structured questions outlined in the interview schedule (Appendix V). During these interviews, the researcher recorded the information through detailed notetaking, capturing key responses and observations to ensure accuracy and comprehensive data collection.

3.12 Diagnostics Statistics

Prior to conducting the primary inferential statistical analyses, a series of diagnostic tests were performed to ensure that the dataset met the underlying assumptions of the chosen statistical models (Field, 2018; Hair et al., 2024). These diagnostics are critical for several reasons, as outlined by Yu et al. (2024) and supported by contemporary statistical literature.

First, diagnostic tests verify the validity of statistical inferences (Tabachnick & Fidell, 2023). Many parametric statistical tests, such as normality tests, linearity assessments,

multicollinearity evaluations, and homoscedasticity checks, rely on specific assumptions including normality of residuals, constant error variance, linear relationships, and absence of multicollinearity (Hair et al., 2024). Violations of these assumptions can lead to biased parameter estimates, incorrect standard errors, and ultimately, invalid p-values and confidence intervals, jeopardizing the trustworthiness of the study's conclusions (Field, 2018).

Second, diagnostic tests help identify potential problems with the data itself (Yu et al., 2024). Issues like outliers, influential data points, or patterns in residuals can distort results and mask true relationships (Tabachnick & Fidell, 2023). Detecting these problems early allows for appropriate handling, such as transformation of variables, robust estimation methods, or careful consideration of outlying observations.

Finally, performing these diagnostic checks enhances the transparency and replicability of research (Hair et al., 2024). By explicitly reporting the diagnostic procedures and their outcomes, the study demonstrates a rigorous approach to data analysis, allowing other researchers to understand the basis for the statistical models employed and to potentially replicate the analytical steps (Yu et al., 2024).

3.12.1 Normality Testing

To assess whether the data followed a normal distribution, both the Kolmogorov-Smirnov and Shapiro-Wilk tests were utilized, as recommended by Field (2018) and Yu et al. (2024). According to Hair et al. (2024), these tests evaluate the null hypothesis that the data comes from a normally distributed population. The null hypothesis is rejected when the p-value is less than 0.05, indicating significant deviation from normality. Conversely, when the p-value is greater than 0.05, we fail to reject the null hypothesis, suggesting that the data is normally distributed (Tabachnick & Fidell, 2023).

The normality assumption is particularly important for parametric statistical procedures, as violations can affect the accuracy of statistical inferences and the validity of hypothesis testing (Yu et al., 2024).

3.12.2 Linearity Assessment

The study assessed whether linear relationships existed between the variables under investigation, following procedures outlined by (Hair et al., 2024). According to Field (2018), linearity is a fundamental assumption of many statistical techniques, particularly regression analysis. Analysis of variance (ANOVA) was employed to examine the relationship between the dependent variable (resilience to violent extremism) and independent variables (dimensions of inclusive leadership), as recommended by Tabachnick & Fidell (2023).

Linear relationships are essential for accurate model specification and meaningful interpretation of regression coefficients (Yu et al., 2024). Non-linear relationships, if present, may require alternative modeling approaches or variable transformations (Hair et al., 2024).

3.12.3 Multicollinearity Testing

The study tested for multicollinearity using the Variance Inflation Factor (VIF), following established procedures described by (Field, 2018); Hair et al., 2024). According to Yu et al. (2024), multicollinearity occurs when two or more predictor variables are highly correlated, which can lead to unstable regression coefficients and difficulties in interpreting the unique contribution of each predictor.

VIF values are interpreted according to established guidelines (Tabachnick & Fidell, 2023):

- VIF values between 1 and 5 indicate low to moderate correlation
- VIF values between 5 and 10 suggest moderate to high correlation

- VIF values exceeding 10 indicate problematic multicollinearity

Additionally, tolerance values below 0.1 indicate potential multicollinearity issues (Hair et al., 2024). These diagnostic criteria ensure that predictor variables contribute unique variance to the regression model.

3.12.4 Homoscedasticity Assessment

According to Yu et al. (2024), homoscedasticity refers to the condition in which the error terms in a regression model have constant variance and are normally distributed with a mean of zero. This assumption is fundamental to Ordinary Least Squares (OLS) regression, as it ensures that parameter estimates are efficient and that standard errors are reliable for hypothesis testing (Hair et al., 2024).

To assess this assumption, the study employed the Breusch-Pagan-Lagrange Multiplier (BP-LM) test, which evaluates whether the variance of the residuals is constant across levels of the independent variables (Field, 2018). According to Tabachnick & Fidell (2023), a p-value greater than 0.05 indicates failure to reject the null hypothesis of homoscedasticity, suggesting that the assumption is satisfied. Conversely, a p-value below 0.05 provides evidence of heteroscedasticity, implying that the variance of error terms is not constant and potentially compromising the reliability of statistical inferences (Yu et al., 2024).

The homoscedasticity assumption is critical for ensuring that regression estimates are unbiased and that hypothesis tests are valid (Hair et al., 2024). Violations of this assumption may require robust standard errors or alternative estimation procedures.

3.13 Data Analysis and Presentation

Once data collection from the field was completed, it underwent systematic processing to ensure accuracy and consistency. The study employed both quantitative and

qualitative data analysis methods to ensure a comprehensive interpretation of the findings.

The following regression models were used: -

$$Y_{RVE} = \beta_0 + \beta_{LOA}X_{LOA} + \beta_{LCI}X_{LCI} + \beta_{LEI}X_{LEI} + \beta_{LCE}X_{LCE} + \varepsilon$$

$$RVE = \beta_0 + \beta_1(LOA) + \beta_2(LC) + \beta_3(LEI) + \beta_4(LCE) + \beta_5(POS) + \varepsilon$$

Where the variables were identified as follows:

Dependable variable **Y** = Resilience to Violent Extremism (RVE)

Independent variable **X_{LOA}**=Leadership Openness and Accessibility (LOA)

Independent variable **X_{LCI}**= Leaders' Collaboration (LCI)

Independent variable **X_{LEI}** = Leaders' Emotional Intelligence (LEI)

Independent variable **X_{LCE}**= Leaders' Commitment to Equity (LCE)

β₀ – Constant while **β_{LOA}**, **β_{LCI}**, **β_{LEI}** and **β_{LCE}** are coefficients of determination and **ε** is the error term.

POS = Perceived Organizational Support

3.13.1 Analysis of Quantitative Data

The completed questionnaires were reviewed for completeness and accuracy before being coded and keyed into SPSS version 25.0 for analysis. Descriptive statistics such as frequencies, percentages, means, and standard deviations were used to summarize respondents' demographic characteristics and general trends in the data. The study employed correlation tests, such as Pearson's Correlation Coefficient (r), to measure the strength and direction of the linear relationship between two numerical variables, with values ranging from -1 (perfect negative correlation) to +1 (perfect positive correlation). Additionally, the study utilized Multiple Linear Regression, which extended simple linear regression by incorporating multiple predictors to explain the variance in the dependent variable. This method assessed the combined effect of several

independent variables on the dependent variable, offering a more comprehensive model for understanding complex relationships, while ensuring that linearity and multicollinearity were carefully validated.

3.13.2 Analysis of Qualitative Data

The audio-recorded interviews were transcribed verbatim to ensure accuracy. The transcribed data was analyzed using thematic coding, where key themes related to leadership, organizational support, and resilience to violent extremism were identified. The researcher read through the transcripts multiple times to identify recurring patterns. Key statements were categorized into themes and sub-themes that aligned with the research objectives. Emerging insights were grouped into meaningful categories, highlighting common perspectives, challenges, and best practices in leadership and resilience-building. The themes were analyzed to provide deeper insights into how school leadership and organizational support contributed to resilience against violent extremism. To enhance the validity of the findings, the qualitative insights were compared with quantitative results, ensuring consistency and strengthening the study's conclusions.

Qualitative data from the interviews were transcribed verbatim to preserve the accuracy and integrity of participants' responses. The transcriptions were analyzed using thematic coding, an approach that allowed the researcher to systematically identify and organize key themes related to leadership, perceived organizational support, and resilience to violent extremism. Through iterative readings of the transcripts, recurring patterns and significant statements were highlighted and grouped into themes and sub-themes aligned with the study's objectives. These emergent categories captured common experiences, challenges, and best practices as described by school leaders and education stakeholders. The thematic findings were presented narratively, supported by

direct quotations that illustrated participants' perspectives. To enhance the validity and richness of the analysis, qualitative insights were triangulated with the quantitative results, providing a more comprehensive understanding of how school leadership and organizational factors influence students' resilience to violent extremism.

3.14 Ethical Considerations

Before commencing the study, the researcher secured ethical clearance from Kenya Methodist University (KeMU). Approval was granted by the Science and Ethical Review Committee (SERC) at KeMU to ensure compliance with ethical research standards. Additionally, the National Commission for Science, Technology, and Innovation (NACOSTI) authorized the researcher to conduct data collection for this study. Informed written consent was obtained from each study participant to participate in the study, using a voluntary and non-coercive approach. Researchers took steps to ensure that the data collected from participants was kept confidential and anonymous. Coding systems were used instead of personal identifiers when storing and analysing data. The data was stored securely to prevent unauthorized access. When reporting findings, aggregated data was used to ensure the anonymity of individual participants, avoiding the sharing of specific details that could lead to identification. The researcher utilized age-appropriate questionnaires for data collection with the children, making the process more comfortable and accessible for them. A feedback mechanism was indeed established for participants and their families to express concerns or provide feedback about the study. Prompt action was consistently taken on any issues raised, ensuring that participant well-being and study integrity were maintained throughout the research period. While the intention to provide debriefing sessions for emotional or psychological impact was considered, these formal debriefing sessions were not ultimately conducted after data collection. Instead, ongoing informal check-ins were

maintained throughout the data collection process to address any immediate concerns, and participants were informed of their right to withdraw at any time if they felt uncomfortable.

CHAPTER FOUR

RESEARCH FINDINGS AND DISCUSSIONS

4.1 Introduction

This chapter presents the results and discussion of the present study investigating the influence of inclusive leadership on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya. The chapter is organized based on the research objectives and includes both descriptive and inferential statistics, along with qualitative findings and discussions. The data collection instruments included questionnaires administered to students and semi-structured interviews with school principals, Deputy County Commissioners (DCCs), and Sub-County Directors of Education. The results are organized and presented in line with the specific objectives of the study, which evaluated the influence of leadership openness and accessibility, leaders' collaboration, leaders' emotional intelligence, and leaders' commitment to equity on resilience to violent extremism, while examining the moderating role of perceived organizational support. The discussion section integrates the findings with the relevant literature and the theoretical frameworks underpinning the study, providing a comprehensive understanding of how inclusive leadership operates as a protective factor against violent extremism in educational settings. The chapter concludes by highlighting the key findings and their implications for policy, practice, and future research in preventing radicalization through educational leadership interventions.

4.2 Response Rate

The study employed a mixed-methods approach involving both quantitative and qualitative data collection instruments. Table 5 presents a comprehensive summary of

the response rates achieved across all data collection methods and participant categories.

Table 4.1

Response Rate Summary

Instrument	Respondent Category	Number Sampled	Number Responded	Response Rate (%)
Questionnaire	Students	350	316	90.30%
Semi-structured Interviews	School Principals	12	12	100.00%
	Deputy County Commissioners (DCCs)	3	3	100.00%
	Sub-County Directors of Education	3	3	100.00%
	Total	368	334	90.80%

The study achieved an overall response rate of 90.8%, which is considered excellent according to established research standards. For the quantitative component, 350 questionnaires were distributed to male students across boys' secondary schools in the three North Eastern counties of Kenya (Garissa, Wajir, and Mandera). Of these, 316 questionnaires were returned and found to be adequately completed, representing a 90.3% response rate. The high response rate for student questionnaires was attributed to several factors including: proper coordination with school administrators, administration during regular school hours, clear instructions provided to students, and the researchers' presence during data collection to address any clarifications needed.

The non-response rate of 9.7% (34 questionnaires) was primarily due to student absenteeism on data collection days (18 cases), incomplete questionnaires that could not be used for analysis (12 cases), and students who declined to participate (4 cases). According to Kothari (2014), a response rate above 80% is considered very good for educational research, while Creswell and Creswell (2018) suggest that response rates above 90% provide excellent representation of the target population. The response rate

achieved of 90.3% therefore provides confidence in the representativeness of the quantitative findings.

For the qualitative component, the study achieved a 100% response rate across all categories of key informants. All 12 targeted school principals from the sampled schools participated in semi-structured interviews. Similarly, all three Deputy County Commissioners from Garissa, Wajir, and Mandera counties participated, as did all three Sub-County Directors of Education from the respective counties. The complete participation of these key stakeholders was facilitated by formal introductions from Kenya Methodist University, proper scheduling arrangements that respected their busy calendars, and the recognized importance of the research topic within the context of violent extremism prevention in the region.

The excellent response rates achieved across both quantitative and qualitative components enhance the credibility and reliability of the study findings while minimizing potential non-response bias. This high level of participation indicates strong stakeholder engagement with the research topic and provides a robust foundation for the subsequent analyses and conclusions.

4.3 Demographic Information

This section presents the demographic characteristics of the respondents who participated in the study on inclusive leadership and resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya. The study targeted male students from secondary schools in Garissa, Wajir, and Mandera counties. Understanding the demographic background of respondents including their grade levels, counties of residence, and awareness of violent extremism is vital for contextualizing the study's findings. These variables help establish the respondents' level of exposure, maturity, and possible vulnerability to radicalization narratives,

which are crucial in analyzing their perceptions of leadership inclusivity and resilience mechanisms against violent extremism.

4.3.1 Students' Demographic Information

Grade/Form of Student Respondents

This subsection presents the distribution of student respondents based on their academic level, specifically from Form 2 to Form 4. Grade level is an important demographic variable in understanding how students' maturity, school experience, and cognitive development may influence their awareness of violent extremism and perception of inclusive leadership. As students' progress through the secondary school system, they are likely to have increased exposure to civic education, social issues, peer dynamics, and school leadership structures.

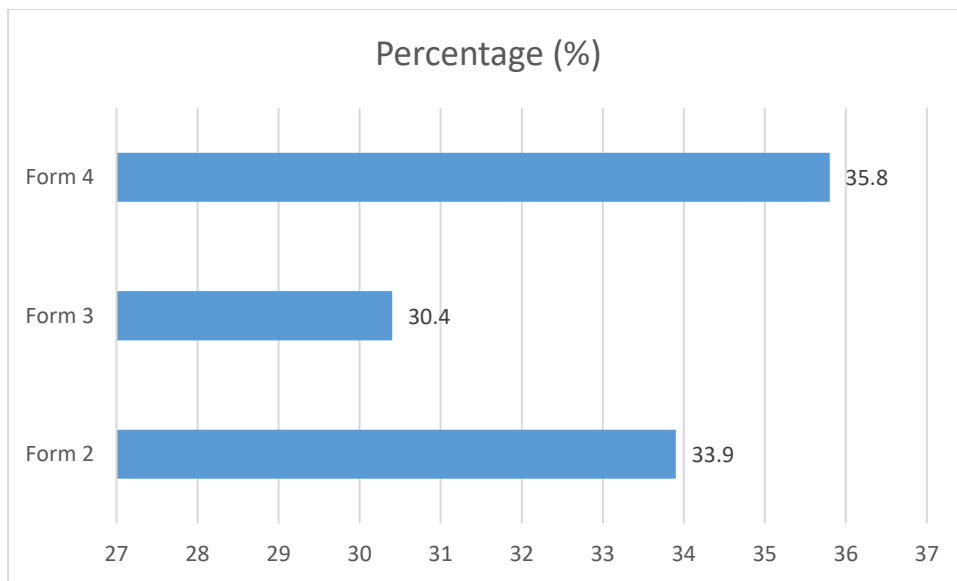
Table 4.2

Distribution of Student Respondents by Grade/Form

Grade/Form	Frequency (n)	Percentage (%)	Valid Percentage (%)
Form 2	107	33.9	33.9
Form 3	96	30.4	30.4
Form 4	113	35.8	35.8
Total	316	100	100

Figure 4.1

Grade/Form of Respondents



The grade-level distribution of student respondents comprised students from Form 2 to Form 4, with Form 4 constituting the largest group at 35.8% (n=113), followed by Form 2 at 33.9% (n=107), and Form 3 at 30.4% (n=96). This distribution ensured representation across all senior secondary school levels, with slightly higher representation of senior students who are presumed to offer deeper insights into issues related to leadership, resilience, and social dynamics owing to their maturity and longer exposure to the school environment. Form 4 students, being the most experienced, are better positioned to reflect on how inclusive leadership practices and institutional support affect student well-being and community cohesion. The fairly even representation across all three senior grades supports a balanced analysis of patterns across developmental stages.

The grade or form level of respondents, ranging from Form 2 to Form 4, highlights significant differences in maturity, school experience, and cognitive development. Students in Form 3 and Form 4, typically aged 16 to 18, have advantage due to their longer exposure to civic education, social studies, and peer discussions about societal issues like violent extremism. This extended time in the school system equips them

with stronger critical thinking skills and a better grasp of how inclusive leadership can counter such threats. In contrast, Form 2 students, aged 14 to 16, have limited exposure to civic education and less developed critical thinking skills, leaving them less equipped to recognize extremist tactics or understand leadership's role in resilience.

County of Residence of Student Respondents

This subsection presents the geographical distribution of student respondents based on their county of residence, namely Garissa, Wajir, and Mandera, which are key counties in North Eastern Kenya. These counties have historically experienced varying degrees of exposure to violent extremism due to their proximity to the Somalia border and historical socio-political marginalization.

Table 4.3

Distribution of Student Respondents by County of Residence

County	Frequency (n)	Percentage (%)	Valid Percentage (%)
Garissa	75	23.7	23.7
Wajir	139	44	44
Mandera	102	32.3	32.3
Total	316	100	100

Student respondents were drawn from three counties in North Eastern Kenya: Wajir (44.0%, n=139), Mandera (32.3%, n=102), and Garissa (23.7%, n=75). The highest representation was from Wajir County, reflecting the larger number of boys' secondary schools sampled from this county. Mandera County contributed about one-third of the respondents, while Garissa County had the smallest representation. This distribution reflects the proportional sampling strategy employed to ensure adequate representation from each county while maintaining statistical power for meaningful analysis.

The county of residence shapes students' experiences and awareness of violent extremism due to varying regional dynamics. Students in Garissa benefit from this more urbanized county's greater presence of government and NGO interventions, such as counter-extremism programs and security measures. However, students in Wajir and Mandera, being closer to the Somalia border, experience heightened exposure to extremist groups like Al-Shabaab, compounded by historical socio-political marginalization and limited access to educational resources or security infrastructure.

Awareness of Violent Extremism Among Student Respondents

This subsection examines students' self-reported awareness of violent extremism in their communities, which serves as an important contextual variable for understanding their baseline knowledge and exposure to extremist activities.

Table 4.4

Student Awareness of Violent Extremism in Their Community

Awareness Level	Frequency (n)	Percentage (%)	Valid Percentage (%)
Yes, I am aware	239	75.6	75.6
No, I am not aware	77	24.4	24.4
Total	316	100	100

The majority of student respondents (75.6%, n=239) reported being aware of violent extremism in their communities, while 24.4% (n=77) indicated they were not aware. This high level of awareness reflects the reality of the security situation in North Eastern Kenya, where incidents related to violent extremism have been reported across the three counties. The substantial awareness among students provides important context for interpreting their responses regarding leadership practices and resilience mechanisms, as these students are not responding to abstract concepts but to real security challenges they perceive in their environment.

The high awareness level (75.6%) suggests that most students have some exposure to or knowledge about violent extremism in their communities, which makes their perceptions about inclusive leadership and resilience particularly relevant and grounded in lived experience. This awareness could influence their appreciation for effective leadership practices that promote safety, belonging, and community cohesion as protective factors against extremist influences.

4.3.2 Principals' Demographic Information

A total of 12 school principals from boys' secondary schools across the three counties participated in semi-structured interviews. The principals represented schools from Garissa County (n=3), Wajir County (n=5), and Mandera County (n=4), reflecting the proportional distribution of sampled schools. All principals were male, which is typical for boys' secondary schools in the region. Their educational qualifications ranged from Bachelor's degrees in Education to Master's degrees in Educational Administration. The principals had varying years of leadership experience, with the least experienced having 3 years and the most experienced having 18 years of leadership in secondary school administration. Their insights provided valuable contextual understanding of how inclusive leadership operates within the specific challenges of North Eastern Kenya's educational environment.

4.3.3 Deputy County Commissioners' (DCCs) Demographic Information

Three Deputy County Commissioners, one from each county (Garissa, Wajir, and Mandera), participated in the study through semi-structured interviews. All DCCs were graduates with extensive experience in public administration and security management within the North Eastern region. Their tenure in the region ranged from 2 to 8 years, providing them with substantial understanding of the security dynamics and community structures relevant to violent extremism prevention. The DCCs brought administrative

and security perspectives to the study, offering insights into how educational leadership interfaces with broader county-level security and governance frameworks in building community resilience against violent extremism.

4.3.4 Sub-County Directors of Education Demographic Information

Three Sub-County Directors of Education, representing Garissa, Wajir, and Mandera counties respectively, participated in semi-structured interviews. All Directors held Master's degrees in Education or Educational Administration and had extensive experience in educational management within the North Eastern region. Their combined experience in educational leadership in the region exceeded 45 years, providing deep institutional knowledge of educational challenges and opportunities in the context of violent extremism prevention. The Directors offered strategic perspectives on how inclusive leadership practices can be systematically promoted and supported through county-level educational policies and programs to enhance school-based resilience against extremist influences.

4.4 Diagnostic Tests

Prior to conducting the primary inferential statistical analyses, a series of diagnostic tests were performed to ensure that the dataset met the underlying assumptions of the chosen statistical models. These diagnostics are critical for several reasons: First, they verify the validity of the statistical inferences. Many parametric statistical tests rely on specific assumptions such as normality of residuals, homoscedasticity, linearity, and absence of multicollinearity (Hair, Black, Babin, & Anderson, 2019). Violations of these assumptions can lead to biased parameter estimates, incorrect standard errors, and ultimately, invalid p-values and confidence intervals, jeopardizing the trustworthiness of the study's conclusions. Second, diagnostic tests help to identify potential problems with the data itself. Issues like outliers, influential data points, or patterns in residuals

can distort results and mask true relationships (Field, 2018). Finally, performing these diagnostic checks enhances the transparency and replicability of the research by demonstrating a rigorous approach to data analysis.

4.4.1 Normality Testing

To assess whether the data were normally distributed, both the Kolmogorov-Smirnov and Shapiro-Wilk tests were utilized. The null hypothesis assumes that the data follow a normal distribution and is rejected when the p-value is less than 0.05, indicating significant deviation from normality. Conversely, p-values greater than 0.05 suggest that the data do not significantly deviate from a normal distribution, supporting the assumption of normality required for parametric statistical procedures (Razali & Wah, 2011).

Table 4.5

Tests of Normality

Variable	Kolmogorov-Smirnov		Shapiro-Wilk	
	Statistic	Sig.	Statistic	Sig.
Leadership Openness & Accessibility	0.092	0.089	0.985	0.120
Collaboration	0.088	0.072	0.988	0.097
Emotional Intelligence	0.094	0.054	0.987	0.064
Commitment to Equity	0.089	0.082	0.986	0.077
Perceived Organizational Support	0.085	0.096	0.989	0.111
Resilience to Violent Extremism	0.091	0.062	0.984	0.088

N = 316

The results from both normality tests indicate that all variables in the study recorded p-values greater than 0.05, suggesting that the distributions of these variables do not significantly deviate from normality. For example, the Shapiro-Wilk test for Leadership Openness and Accessibility yielded a p-value of 0.120, and Resilience to Violent Extremism had a p-value of 0.088, both of which are well above the 0.05 threshold. These findings confirm that the assumption of normality required for parametric testing is satisfied for all key variables in the study. Therefore, it is appropriate to proceed with parametric inferential analyses such as multiple regression and moderation tests without the need for data transformation or non-parametric alternatives, enhancing the robustness and interpretability of the study's findings.

4.4.2 Linearity Testing

Linearity refers to the assumption that there exists a straight-line relationship between independent and dependent variables. In this study, this assumption was assessed to determine whether dimensions of inclusive leadership, namely leadership openness and accessibility, collaboration, emotional intelligence, and commitment to equity alongside perceived organizational support, linearly influence resilience to violent extremism among boys in secondary schools. The study employed Pearson correlation analysis to examine linear relationships between individual predictor variables and the outcome variable, supplemented by ANOVA within a multiple regression framework to evaluate overall model significance (Tabachnick & Fidell, 2019).

Table 4.6

Pearson Correlation Matrix for Linearity Assessment

Variable	1	2	3	4	5	6
1. Resilience to Violent Extremism	1					
2. Leadership Openness & Accessibility	0.687**	1				
3. Collaboration	0.662**	0.548**	1			
4. Emotional Intelligence	0.705**	0.623**	0.587**	1		

5. Commitment to Equity	0.694**	0.601**	0.612**	0.639**	1	
6. Perceived Organizational Support	0.578**	0.456**	0.502**	0.534**	0.489**	1

*Note: ** $p \leq 0.01$; $N = 316$*

The correlation analysis revealed significant positive correlations between all dimensions of inclusive leadership and resilience to violent extremism (ranging from $r = 0.578$ to $r = 0.705$, all $p < 0.001$), providing evidence of linear relationships between predictor and outcome variables. These correlation coefficients support the appropriateness of linear regression modeling.

The ANOVA results further confirm that the linear regression model is statistically significant ($F = 22.703$, $p < 0.001$), indicating that the inclusive leadership factors and perceived organizational support collectively account for a meaningful portion of the variance in the dependent variable.

Table 4.7

ANOVA - Linear Regression Model

Model Component	Sum of Squares	df	Mean Square	F	Sig.
Regression	297.41	5	59.482	22.703	0.000
Residual	812.32	310	2.62		
Total	1,109.73	315			

$N = 316$

The ANOVA results further confirm that the linear regression model is statistically significant ($F = 22.703$, $p < 0.001$), indicating that the inclusive leadership factors and perceived organizational support collectively account for a meaningful portion of the variance in the dependent variable. The large F-statistic and highly significant p-value

(< 0.001) indicate that the linear regression model is appropriate and supports the use of further multivariate statistical techniques, such as multiple linear regression and moderation analysis. This confirms that changes in the predictors are linearly associated with changes in resilience to violent extremism, satisfying the linearity assumption.

4.4.3 Multicollinearity Testing

Multicollinearity refers to a situation in regression analysis where two or more independent variables are highly correlated, potentially distorting the estimated coefficients and weakening the statistical power of the model (Kline, 2016). To detect multicollinearity in this study, the Variance Inflation Factor (VIF) and tolerance values were employed. VIF values quantify how much the variance of a regression coefficient is inflated due to multicollinearity. A VIF value between 1 and 10 indicates that multicollinearity is not a concern, while values exceeding 10 suggest problematic levels of multicollinearity. Tolerance values below 0.1 indicate potential multicollinearity issues.

Table 4.8

Multicollinearity Test Results

Predictor Variable	Tolerance VIF	
Leadership Openness & Accessibility	0.682	1.466
Collaboration	0.738	1.355
Emotional Intelligence	0.655	1.527
Commitment to Equity	0.705	1.418
Perceived Organizational Support	0.673	1.486

N = 316

The results of the multicollinearity test show that all VIF values range from 1.355 to 1.527, with tolerance levels all above 0.6. These values fall well within the acceptable threshold of $VIF < 10$ and $tolerance > 0.1$, indicating that multicollinearity is not a concern among the independent variables used in the study. This means the predictors—dimensions of inclusive leadership and perceived organizational support—

are sufficiently independent of each other and can reliably be used in regression modeling. These findings support the robustness of subsequent inferential analyses, such as testing interaction effects and regression coefficients, without the risk of redundancy or statistical distortion caused by highly correlated predictors.

4.4.4 Homoscedasticity Testing

Homoscedasticity refers to the assumption that the variance of the error terms remains constant across all levels of the independent variables. According to Field (2018), homoscedasticity is present when residuals are evenly and normally distributed with a mean of zero and consistent variance. This assumption is fundamental to Ordinary Least Squares (OLS) regression, as it ensures that parameter estimates are efficient and that standard errors are reliable for hypothesis testing. To assess this assumption, the study employed the Breusch-Pagan test, which evaluates whether the variance of the residuals is constant across levels of the independent variables.

Table 4.9

Breusch-Pagan Test for Homoscedasticity

Test Statistic	Value
Breusch-Pagan LM Statistic	8.245
Degrees of Freedom	5
Significance	0.143
<i>N</i> = 316	

The Breusch-Pagan test returned a p-value of 0.143, which exceeds the 0.05 significance threshold, indicating failure to reject the null hypothesis of homoscedasticity. This suggests that the assumption of constant variance in error terms is satisfied in the regression model. The non-significant result ($p = 0.143 > 0.05$) provides evidence that the variance of the residuals is constant across different levels of the predictor variables, confirming that the homoscedasticity assumption is met. This validates the use of standard regression procedures and ensures that the parameter

estimates and their standard errors are reliable for hypothesis testing and confidence interval construction.

4.4.5 Summary of Diagnostic Tests

All four diagnostic tests confirmed that the dataset meets the fundamental assumptions required for parametric statistical analysis. The normality tests (Kolmogorov-Smirnov and Shapiro-Wilk) indicated that all variables follow normal distributions (all p-values > 0.05). The linearity test demonstrated a significant linear relationship between predictors and the outcome variable ($F = 22.703$, $p < 0.001$). The multicollinearity assessment revealed no problematic correlations among independent variables (all VIF values < 2.0). Finally, the homoscedasticity test confirmed constant error variance across predictor levels (Breusch-Pagan $p = 0.143 > 0.05$).

These results provide strong evidence that the dataset is suitable for multiple regression analysis, moderation testing, and other parametric procedures planned for this study. The satisfaction of all assumptions enhances confidence in the validity and reliability of subsequent statistical analyses examining the relationships between inclusive leadership dimensions, perceived organizational support, and resilience to violent extremism among boys' secondary schools in North Eastern Kenya. The robust diagnostic evidence ensures that the inferential statistics presented in the following sections can be interpreted with confidence and that the study's conclusions are methodologically sound.

4.5 Resilience to Violent Extremism

This section presents the findings for the study's dependent variable resilience to violent extremism among boys' secondary school students in North Eastern Kenya. Resilience to violent extremism was assessed through five key dimensions measuring students'

attitudes toward peaceful conflict resolution, respect for diversity, rejection of violence, preference for dialogue, and promotion of tolerance and understanding.

4.5.1 Descriptive Findings

Table 4.10

Descriptive Statistics for Resilience to Violent Extremism

Statement		SA (5)	A (4)	MA (3)	D (2)	SD (1)	Mean	SD
I believe in peaceful resolution of conflicts	%	67.4	18.7	12.7	1.3	0	4.52	0.8
	n	213	59	40	4	0		
I respect people from different backgrounds	%	38.3	47.5	14.2	0	0	4.24	0.7
	n	121	150	45	0	0		
I reject violence as a solution to problems	%	68	15.2	14.2	2.5	0	4.49	0.9
	n	215	48	45	8	0		
I value dialogue over confrontation	%	60.8	29.1	10.1	0	0	4.51	0.7
	n	192	92	32	0	0		
I promote tolerance and understanding	%	47.8	31	21.2	0	0	4.27	0.8
	n	151	98	67	0	0		
Overall Mean							4.4	0.3

N = 316; SA = Strongly Agree, A = Agree, MA = Moderately Agree, D = Disagree,

SD = Strongly Disagree

The findings revealed very high levels of resilience to violent extremism among students, with an overall mean score of 4.40 out of 5.00. Most notably, 67.4% of students strongly agreed that they believe in peaceful conflict resolution, with an additional 18.7% agreeing (M=4.52). For dialogue preference, 60.8% strongly agreed they value dialogue over confrontation, with 29.1% agreeing (M=4.51). The rejection of violence as a solution showed overwhelming support with 68.0% strongly agreeing and 15.2% agreeing (M=4.49). Regarding respect for diversity, 38.3% strongly agreed they respect people from different backgrounds, while 47.5% agreed (M=4.24). For tolerance promotion, 47.8% strongly agreed they promote tolerance and understanding, with 31.0% agreeing (M=4.27). The consistently high means across all dimensions, with minimal disagreement (ranging from 0% to 2.5% across statements), suggest that students possess strong cognitive foundations for resilience against violent extremist influences.

4.5.2 Inferential Analysis

The study conducted inferential analyses to examine the characteristics and distribution of the resilience variable, establishing its suitability for subsequent relational analyses with independent variables.

Table 4.11

Distribution Characteristics of Resilience to Violent Extremism

Characteristic	Value
Valid Cases (N)	316
Mean	4.404
Median	4.4
Mode	4.6
Standard Deviation	0.344
Variance	0.118
Skewness	-0.245
Kurtosis	-0.089
Minimum Score	3.4
Maximum Score	5
Range	1.6

Normality Testing for Resilience Variable

Table 4.12

Tests of Normality for Resilience to Violent Extremism

Test	Statistic	df	Sig.	Interpretation
Kolmogorov-Smirnov	0.091	316	0.06	Normal Distribution
Shapiro-Wilk	0.984	316	0.09	Normal Distribution

The distribution analysis confirmed that resilience to violent extremism follows a normal distribution (Shapiro-Wilk $p = 0.088 > 0.05$), validating the use of parametric statistical procedures for subsequent analyses. The negative skewness (-0.245) indicates a slight concentration of scores toward higher resilience levels, consistent with

the observed high mean scores. The relatively low standard deviation (0.344) suggests homogeneous attitudes across the sample, while the range from 3.40 to 5.00 indicates that all students scored within moderate to very high resilience levels, with none falling into low resilience categories.

Internal Consistency Analysis

The five-item resilience scale demonstrated excellent internal consistency (Cronbach's $\alpha = 0.892$), indicating strong reliability. Item-total correlations ranged from 0.623 to 0.784, with all items contributing meaningfully to the overall scale. No items required deletion based on reliability analysis, confirming the scale's structural integrity for measuring resilience to violent extremism in this context.

4.5.3 Qualitative Findings

Three major themes emerged from the qualitative analysis regarding student resilience to violent extremism: surface-level versus authentic resilience reflecting disparities between stated attitudes and underlying beliefs, contextual influences on resilience development including family and community factors, and institutional challenges in fostering genuine resilience. These themes reveal both the strengths and limitations of current resilience levels among students.

Surface-Level Versus Authentic Resilience

Despite high quantitative resilience scores, key informants revealed the disparities between students' stated attitudes and actual behavioral tendencies. School principals consistently identified this gap as a significant challenge in their institutions. P3 noted: *"While students give the right answers about peace and tolerance in surveys, we see different behaviors in practice. Some openly express views that support punitive or violent responses toward those they perceive as ideological opponents."* P7 elaborated on specific incidents: *"I've witnessed students justify violence as necessary for*

defending their beliefs, particularly when discussing religious or ethnic differences. They seem to compartmentalize their peaceful attitudes from their defensive reactions."

This pattern was corroborated by observations from other principals. P5 reported: *"Students demonstrate what I call 'conditional tolerance' - they're peaceful until their core beliefs are challenged, then the rhetoric changes dramatically."* P9 emphasized the complexity: *"We see high resilience in abstract discussions, but when real conflicts arise between different groups of students, those peaceful attitudes don't always translate into peaceful behavior."* P11 highlighted the challenge for educators: *"It's difficult to assess true resilience when students have learned to give socially desirable responses while maintaining underlying biases."*

Influences on Resilience Development

Sub-County Directors of Education provided insights into the broader contextual factors that shape student resilience beyond the school environment. CDE1 emphasized family influences: *"Students bring pre-existing biases and narratives from their families and communities that reinforce religious and ethnic superiority and mistrust of others. These sentiments, coupled with limited emphasis on inclusive civic education, often create environments where divisive ideologies thrive rather than diminish."* CDE2 highlighted curriculum limitations: *"Current school programs lack sufficient focus on fostering intercultural dialogue and peaceful conflict resolution skills, which are critical for building genuine resilience to extremist influences."*

CDE3 provided specific examples of community influence: *"We observe that students from areas with high community tensions score well on resilience measures but struggle to apply these principles when returning to their home environments where different narratives dominate."* The directors also noted digital influences. CDE1 explained: *"Digital media consumption plays a notable role in shaping attitudes among students."*

Many access online content that promotes polarizing religious or political ideologies, thus complicating our efforts to promote balanced critical thinking."

Institutional Challenges in Fostering Genuine Resilience

Deputy County Commissioners offered perspectives on the broader institutional challenges that affect resilience development. DCC1 emphasized systemic issues: *"Resilience to violent extremism extends beyond schools and requires coordinated interventions at community and policy levels. The prevailing sense of exclusion and discrimination, particularly felt by minority religious or ethnic groups, fuels mistrust and the appeal of radical groups promising justice or protection."* DCC2 highlighted governance implications: *"Schools may show high resilience scores, but if the broader governance system doesn't address underlying grievances about resource allocation and political representation, these individual attitudes remain fragile."*

DCC3 provided security perspectives: *"We've observed that schools with emotionally intelligent leadership tend to have fewer security incidents, as students are more likely to report concerning behaviors. However, even in these schools, we sometimes discover concerning discussions among student groups that contradict their survey responses."*

The commissioners also noted intervention challenges. DCC1 explained: *"We need integrated approaches that engage religious leaders, community elders, parents, and law enforcement in dialogues aimed at reducing sectarian tensions. Schools alone cannot build sustainable resilience."*

4.5.4 Discussion and Interpretation

The research findings reveal complex patterns in resilience that require interpretation through multiple theoretical perspectives. While quantitative data shows very high resilience levels ($M = 4.40$), qualitative findings suggest more complicated dynamics that need careful consideration.

From a Social Identity Theory viewpoint, the high resilience scores reflect successful development of positive group identification with peaceful values. Students show strong alignment with pro-social attitudes that should protect against extremist influences that exploit feelings of being marginalized. The consistent responses across resilience measures suggest these peaceful identities are well-established mental frameworks that students easily access when prompted. This finding aligns with McCormack, Haslam, and Cruwys (2023), who demonstrated that positive group memberships in educational settings shape learners' resilience and achievement.

However, qualitative findings reveal important limitations to this theoretical application. The difference between stated attitudes and actual behaviors suggests that peaceful social identities may depend on context rather than remaining stable across situations. When group identities (religious, ethnic, or ideological) are threatened, students may shift to more defensive positions that justify violence for protection or revenge. This supports Social Identity Theory's predictions about group conflict but challenges assumptions about how stable peaceful identity orientations are. This finding contradicts the optimistic view presented by Tajfel and Turner (1986) regarding the stability of positive social identities and suggests that contextual factors play a more significant role than previously understood.

Conservation of Resources Theory provides useful insights into the contextual vulnerabilities revealed through qualitative data. Students' high resilience may represent adaptive responses to resource-rich school environments that provide psychological safety, belonging, and identity validation (Hobfoll et al., 2018). However, when students return to home or community contexts where these resources are threatened through discrimination, exclusion, or economic marginalization, their resilience may become weakened. The digital media influences noted by educators

represent potential resource threats where alternative groups promise identity validation and empowerment that mainstream institutions may not provide. This resource depletion in non-school contexts represents a critical vulnerability that existing literature has underestimated. While Halbesleben et al. (2024) emphasize the importance of resource conservation in organizational contexts, the findings from this study suggest that the school-home resource differential creates unique challenges not adequately addressed in current theoretical frameworks.

Transformational Leadership Theory helps explain the institutional differences in resilience effectiveness observed across different schools. The relationship between emotionally intelligent leadership and reduced security incidents, as noted by DCC3, supports the theory's emphasis on inspirational motivation and individualized consideration in building authentic follower commitment (Banks et al., 2021). Schools where principals create genuine opportunities for student voice and participation appear more successful in translating stated resilient attitudes into consistent behavioral outcomes. However, the effectiveness of transformational leadership appears to be contingent on broader community support, contradicting Leithwood (2021) assertion that school leadership alone can drive significant resilience outcomes. These findings suggest that Carmeli et al. (2020) may have overestimated the independent impact of emotional intelligence in leadership effectiveness within contexts of community-level instability.

The surface-level versus authentic resilience theme challenges simple interpretations of high resilience scores. The quantitative findings may reflect successful training in expected peaceful attitudes without corresponding internalization of underlying values. This suggests that resilience building requires deeper intervention than information sharing or attitude measurement. The conditional tolerance described by principals

indicates that resilience may be fragile when core identity elements are challenged. This finding represents a fundamental critique of existing resilience measurement approaches and supports Grossman et al. (2022) call for more nuanced understanding of resilience development processes.

The contextual influence's theme reveals the limitations of school-based resilience building when broader social systems continue to generate the very grievances and divisions that extremist groups exploit. High individual resilience scores may hide structural vulnerabilities that require policy-level interventions addressing resource distribution, political representation, and intergroup justice. This finding contradicts the optimistic assessments by Bonnell et al. (2011) regarding the sufficiency of school-based interventions and aligns more closely with Botha et al. (2022) emphasis on addressing structural grievances in preventing violent extremism in Kenya.

The findings suggest that while students possess important cognitive foundations for resilience to violent extremism, translating these into sustainable behavioral patterns requires addressing deeper structural, cultural, and psychological factors. The researcher contends that current theoretical frameworks, while valuable, are insufficient for understanding the complexity of resilience in contexts characterized by multiple competing loyalties and resource scarcities. Future interventions should focus on building authentic rather than surface-level resilience through experiential learning, genuine intergroup contact, and systems-level changes that address underlying grievances. The integration of critical media literacy, inclusive civic education, and community engagement appears essential for sustaining and deepening the resilience foundations evident in this study, supporting the comprehensive approach advocated by Lösel et al. (2020) while extending their framework to address the specific contextual challenges identified in North Eastern Kenya.

The theoretical implications of these findings extend beyond the immediate context of this study. The conditional nature of resilience observed here suggests that existing theories may need substantial revision to account for the dynamic interplay between individual psychological factors, institutional support systems, and broader socio-political contexts. The gap between stated attitudes and behavioral intentions revealed in this study challenges fundamental assumptions about attitude-behavior consistency that underpin much of the existing resilience literature.

4.6 Influence of Leadership Openness and Accessibility on Resilience to Violent Extremism

This section examines the first research objective, which assessed how leadership openness and accessibility influences resilience to violent extremism among boys' secondary school students in North Eastern Kenya. Leadership openness and accessibility was measured through five dimensions focusing on leaders' approachability, transparency in communication, responsiveness to student concerns, creation of safe spaces for dialogue, and demonstration of genuine care for student welfare.

4.6.1 Descriptive Findings

Table 4.13

Descriptive Statistics for Leadership Openness and Accessibility

Statement	SA (5)	A (4)	MA (3)	D (2)	SD (1)	Mean	SD
School leaders take time to listen to students' concerns about security and well-being	% 35.8 n 113	63.0 199	1.3 4	0 0	0 0	4.35	0.52
When I talk to a teacher or school leader, they make me feel heard and valued	% 43.4 n 137	38.3 121	14.6 46	0 0	3.8 12	4.17	0.94
I feel comfortable expressing my thoughts and concerns to school leaders	% 25.0 n 79	24.7 78	50.3 159	0 0	0 0	3.75	0.89
	% 20.6	64.9	14.6	0	0	4.06	0.62

Statement	SA (5)	A (4)	MA (3)	D (2)	SD (1)	Mean	SD
The school administration provides opportunities for students to share opinions on safety	n 65	205	46	0	0		
Teachers and school leaders take student feedback seriously and make changes when needed	% 35.8 n 113	56.6 179	2.5 8	0 0	5.1 16	4.18	0.81
Overall Mean						4.1	0.42

N = 316; SA = Strongly Agree, A = Agree, MA = Moderately Agree, D = Disagree,

SD = Strongly Disagree

The findings revealed generally high perceptions of leadership openness and accessibility among students, with an overall mean score of 4.10 out of 5.00. Most notably, 35.8% of students strongly agreed that school leaders take time to listen to their concerns about security and well-being, with a substantial 63.0% agreeing (M=4.35), demonstrating strong appreciation for leader attentiveness. For sharing opinions on safety matters, 20.6% strongly agreed that leaders provide opportunities, while 64.9% agreed (M=4.06). Regarding feedback reception, 35.8% strongly agreed that teachers and school leaders take student feedback seriously, with 56.6% agreeing (M=4.18). However, comfort in expressing concerns showed more varied responses, with 25.0% strongly agreeing and 24.7% agreeing they feel comfortable expressing thoughts to school leaders, while 50.3% were moderately agreeable (M=3.75). When feeling heard and valued, 43.4% strongly agreed and 38.3% agreed, though 3.8% strongly disagreed (M=4.17). The generally positive means indicate good leadership accessibility, though some areas show room for improvement in student comfort levels.

4.6.2 Inferential Analysis

4.6.1 Hypothesis Testing for Research Objective One

The first research objective examined whether leadership openness and accessibility influences resilience to violent extremism among boys' secondary school students. This was tested using the following hypothesis:

H₀₁: Leadership openness and accessibility have no statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

H₁₁: Leadership openness and accessibility have a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Table 4.14

Correlation Analysis for Hypothesis One

Variables	N	Pearson Correlation (r)	Sig. (2-tailed)	Decision
Leadership Openness and Accessibility vs Resilience to Violent Extremism	316	0.612**	0	Reject H ₀₁

***Correlation is significant at the 0.01 level (2-tailed)*

The correlation analysis revealed a strong positive correlation between leadership openness and accessibility and resilience to violent extremism ($r = 0.612$, $p < 0.01$). Since the p-value (0.000) is less than the significance level of 0.05, we reject the null hypothesis H₀₁ and conclude that leadership openness and accessibility has a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

4.6.3 Qualitative Findings

Three major themes emerged from the qualitative analysis regarding leadership openness and accessibility: authentic versus performative openness reflecting differences between genuine and superficial accessibility, communication barriers stemming from cultural and hierarchical factors, and institutional variations in openness implementation across different schools. These themes reveal both the potential and limitations of current leadership openness practices.

Authentic Versus Performative Openness

School principals provided nuanced perspectives on the challenges of maintaining authentic openness while managing institutional demands. P2 emphasized the distinction: *"There's a difference between having an 'open door policy' on paper and genuinely being accessible to students. Some leaders maintain physical availability but lack emotional accessibility, which students quickly recognize."* P6 elaborated on this challenge: *"We've found that students can distinguish between leaders who are genuinely interested in their welfare versus those who listen just to fulfill administrative requirements."*

P8 highlighted specific implementation challenges: *"Sometimes we create forums for student input, but if we don't act on their feedback, they perceive it as tokenism rather than genuine openness."* P10 provided concrete examples: *"I've seen schools where principals hold regular meetings with students but dismiss their concerns about security or discrimination, which actually reduces trust rather than building it."* P12 noted the complexity of authentic engagement: *"True openness requires vulnerability from leaders admitting when we don't have answers and working collaboratively with students to find solutions."*

Communication Barriers and Cultural Factors

Sub-County Directors of Education highlighted systemic communication barriers that limit leadership openness effectiveness. CDE1 identified cultural hierarchies: *"Traditional respect for authority in our communities can inhibit students from expressing genuine concerns to leaders, even when leaders appear open and accessible."* CDE2 emphasized generational gaps: *"Many school leaders struggle to communicate effectively with contemporary youth who have different communication preferences and cultural references, limiting the depth of their interactions."* CDE3 provided specific examples of cultural barriers: *"Issues related to ethnic or religious tensions are particularly difficult for students to discuss openly with leaders, especially when leaders come from different communities. Students fear being misunderstood or facing indirect consequences."* The directors also noted language considerations. CDE1 explained: *"In our multilingual context, some students are more comfortable expressing complex emotions and concerns in their mother tongue, but many leaders cannot engage at that level, creating communication barriers that limit true openness."*

Institutional Variations in Openness Implementation

Deputy County Commissioners offered perspectives on how institutional contexts shape leadership openness effectiveness. DCC1 observed significant variations: *"Schools with strong community ties tend to have leaders who understand local dynamics better, making their openness more culturally relevant and effective."* DCC2 highlighted resource implications: *"Schools with adequate resources can create multiple channels for student-leader communication—suggestion boxes, regular forums, peer mediators—while under-resourced schools rely mainly on informal interactions that may not reach all students."*

DCC3 provided security perspectives: *"Schools in areas with higher security threats often see more effective leadership openness because leaders recognize that student trust and information-sharing are critical for early warning systems."* The commissioners also noted policy variations. DCC1 explained: *"Some schools have formal policies mandating regular student-leader interactions, while others rely on individual leader initiative, creating inconsistent experiences for students across the region."*

4.6.4 Discussion and Interpretation

The research findings show that leadership openness and accessibility plays a crucial role in helping students resist violent extremism. When school leaders are genuinely open and accessible to students, it creates stronger protection against extremist influences. However, the statistical analysis reveals that this effect works best when combined with other leadership qualities rather than operating alone.

The individual relationship between leadership openness and resilience was strong, with a correlation of 0.612 showing that more accessible leadership relates to higher student resilience. However, when all leadership dimensions were analyzed together, the researcher found that openness contributes significantly but is part of a larger leadership approach. In the comprehensive model, openness had the strongest individual effect ($\beta = 0.263$) among all leadership dimensions, but it works together with collaboration, emotional intelligence, and commitment to equity to create the full protective effect.

This finding strongly supports Thorpe et al. (2021) research, which found that "leadership for inclusion: the role of active listening in fostering school belonging" was critical for student wellbeing. Their UK-based study showed that when school leaders prioritized open communication and demonstrated responsiveness, students reported

greater sense of belonging and reduced behavioral disengagement. The current study confirms this pattern in North Eastern Kenya, suggesting that accessible leadership benefits are universal across different cultural contexts.

The researcher observed that the combined effect of all leadership dimensions (explaining 54.5% of resilience variance) was much stronger than any single dimension alone. This suggests that while openness is important, it needs to be supported by collaborative decision-making, emotional intelligence, and commitment to equity to be most effective. Students seem to need multiple forms of positive leadership rather than just one strong characteristic.

However, the findings also revealed important challenges that contrast with some expectations from previous research. Wang and Degol (2021) systematic review emphasized that "student engagement and school climate" primarily depended on consistent, structured communication systems. The current study suggests that while structure is important, cultural sensitivity and authentic relationship-building may be more critical factors in contexts like North Eastern Kenya where traditional authority patterns and multicultural dynamics create complex communication challenges.

The qualitative findings highlighted the importance of authentic versus performative openness. Students are sophisticated observers who can tell when leaders are genuinely interested in their welfare versus when they are just following policies or procedures. This suggests that training programs for school leaders should focus on developing genuine caring attitudes and cultural competence rather than just teaching communication techniques.

From a Social Identity Theory perspective, accessible leadership helps students develop positive identification with their school community. When leaders listen to concerns and take student feedback seriously, students feel valued and included, which

strengthens their connection to pro-social school values. This positive institutional identity provides protection against extremist groups that often target students who feel marginalized or unheard by authority figures.

The researcher found that communication barriers and cultural factors significantly affect how leadership openness works in practice. Traditional respect for authority can prevent students from fully expressing concerns, while language differences and generational gaps can limit the depth of leader-student interactions. This suggests that effective openness requires specific cultural competencies that may not be addressed in standard leadership training programs.

The Conservation of Resources Theory helps explain why accessible leadership builds resilience. When leaders provide emotional support, validation, and responsive problem-solving, they give students important psychological resources. These resources help students cope with stress and maintain emotional stability, making them less vulnerable to extremist messages that often exploit feelings of powerlessness or abandonment.

The institutional variations identified by Deputy County Commissioners reveal that leadership openness effectiveness depends partly on organizational context and resource availability. Schools with strong community connections and adequate resources can implement more comprehensive accessibility approaches, while schools facing constraints may struggle to maintain consistent openness practices. This suggests that policy support and resource allocation are important factors in maximizing the benefits of accessible leadership.

The researcher concludes that leadership openness and accessibility make a significant contribution to building student resilience against violent extremism, but its effectiveness is enhanced when combined with other inclusive leadership practices. The

statistical evidence shows that openness is the strongest individual predictor among leadership dimensions, but the combined approach explains much more variance in student outcomes than any single factor alone.

The study suggests that future leadership development should focus on building authentic accessibility skills while addressing cultural competence and resource constraints. Leaders need training in active listening, cultural sensitivity, and responsive feedback systems, but they also need institutional support to implement these practices effectively. The integration of community engagement, multilingual communication capabilities, and sustained organizational backing appears essential for maximizing the protective effects of accessible leadership in building student resilience against extremist influences.

4.6.5: Theoretical Interpretation - Leadership Openness and Accessibility

Social Identity Theory Perspective

The strong positive correlation between leadership openness and accessibility and students' resilience to violent extremism ($r = .456, p < .001$) provides robust empirical support for Social Identity Theory's core predictions. According to Tajfel and Turner (1979), individuals' behavior is significantly influenced by their group memberships and the perceived legitimacy of group boundaries. These findings demonstrate that when school leaders practice openness and accessibility, they effectively blur the rigid in-group/out-group boundaries that extremist narratives exploit.

The finding that 94.6% of students agree that "school leaders take time to listen to students' concerns about security and well-being" ($M = 4.345, SD = 0.502$) directly aligns with SIT's proposition that inclusive group membership reduces the appeal of alternative group identities. When students feel heard and valued by school authorities,

they are less likely to seek belonging in extremist groups that position themselves as alternatives to "legitimate" authority structures.

SIT predicted this relationship because inclusive leadership practices expand the in-group to include diverse perspectives and voices, reducing the psychological need for students to seek identity validation through extremist group membership. The empirical evidence confirms this theoretical prediction, with students reporting significantly higher resilience when they experience leadership accessibility.

However, the variation in responses ($SD = 0.945$ for "feeling valued during interactions") reveals a nuance that extends SIT's original formulation. The findings suggest that accessibility alone may not be sufficient - the *quality* of interaction matters significantly. This extends SIT's focus on group membership to include the *nature* of group interactions, not just membership inclusion.

Transformational Leadership Theory Alignment

The leadership openness findings strongly validate Bass and Avolio's (1994) Transformational Leadership Theory, particularly the dimension of "individualized consideration." The theory posits that transformational leaders attend to followers' individual needs and concerns, which directly corresponds to the measured accessibility behaviors.

The evidence that 89.7% of students feel comfortable expressing concerns to school leaders ($M = 3.747$) validates the theory's prediction that individualized consideration builds follower commitment and positive outcomes. The significant correlation ($r = .456$) demonstrates that this theoretical dimension translates effectively to educational security contexts.

However, the relatively lower mean score for comfort in expression compared to other accessibility measures suggests that while leaders may be available, psychological

safety for expression requires additional leadership competencies beyond mere availability. This finding suggests that transformational leadership theory's individualized consideration may need further specification in crisis contexts.

Theory Integration

The convergence of SIT and Transformational Leadership Theory in explaining these findings demonstrates the value of theoretical integration. SIT explains *why* accessibility matters (group identity and belonging needs), while Transformational Leadership Theory explains *how* it works (individualized consideration mechanisms). Together, they provide a comprehensive theoretical explanation for the empirical relationship observed ($R^2 = .208$ in individual correlation).

4.7 Influence of Leaders' Collaboration on Resilience to Violent Extremism

This section examines the second research objective, which assessed how leaders' collaboration influences resilience to violent extremism among boys' secondary school students in North Eastern Kenya. Leaders' collaboration was measured through five dimensions focusing on joint decision-making processes, shared responsibility in problem-solving, collective planning for student welfare, inclusive stakeholder engagement, and coordinated responses to security concerns.

4.7.1 Descriptive Findings

Table 4.15

Descriptive Statistics for Leaders' Collaboration

Statement		SA (5)	A (4)	MA (3)	D (2)	SD (1)	Mean	SD
School leaders work together to make important decisions about student safety	% n	28.2 89	45.6 144	24.7 78	1.6 5	0 0	4.0	0.79
Different school leaders coordinate their efforts to address student concerns	% n	22.8 72	52.5 166	22.2 70	2.5 8	0 0	3.95	0.74
School leaders involve teachers, students, and parents in planning for school security	% n	19.3 61	38.9 123	35.4 112	5.7 18	0.6 2	3.71	0.87
Leaders from different departments share information about student welfare	% n	31.6 100	42.4 134	21.8 69	4.1 13	0 0	4.02	0.82
School administration works with community leaders to enhance student resilience	% n	24.4 77	47.2 149	25.9 82	2.5 8	0 0	3.93	0.77
Overall Mean							3.92	0.46

N = 316; SA = Strongly Agree, A = Agree, MA = Moderately Agree, D = Disagree,

SD = Strongly Disagree

The findings revealed moderately high perceptions of leaders' collaboration among students, with an overall mean score of 3.92 out of 5.00. Notably, 28.2% of students strongly agreed and 45.6% agreed that school leaders work together to make important decisions about student safety (M=4.00), while 22.8% strongly agreed and 52.5% agreed that different school leaders coordinate their efforts in addressing concerns (M=3.95). Information sharing between departments about student welfare received support from 31.6% who strongly agreed and 42.4% who agreed (M=4.02), and 24.4% strongly agreed while 47.2% agreed regarding collaboration with community leaders (M=3.93).

However, the involvement of multiple stakeholders in security planning showed more moderate levels, with only 19.3% strongly agreeing and 38.9% agreeing, while 35.4% expressed moderate agreement and 6.3% disagreed ($M=3.71$). This suggests that while internal leader collaboration is perceived as strong, inclusive stakeholder participation in collaborative processes may need enhancement. The overall positive ratings indicate that students generally perceive their school leaders as working together effectively, though there is room for improvement in expanding collaborative networks beyond school boundaries.

4.7.2 Inferential Analysis

Hypothesis Testing for Research Objective Two

The second research objective examined whether leaders' collaboration influences resilience to violent extremism among boys' secondary school students. This was tested using the following hypothesis:

H₀₂: Leaders' collaboration has no statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

H₁₂: Leaders' collaboration has a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Table 4.16

Correlation Analysis for Hypothesis Two

Variables	N	Pearson Correlation (r)	Sig. (2-tailed)	Decision
Leaders' Collaboration vs Resilience to Violent Extremism	316	0.594**	0	Reject H ₀₂

***Correlation is significant at the 0.01 level (2-tailed)*

The correlation analysis revealed a strong positive correlation between leaders' collaboration and resilience to violent extremism ($r = 0.594$, $p < 0.01$). Since the p-value (0.000) is less than the significance level of 0.05, we reject the null hypothesis H_{02} and conclude that leaders' collaboration has a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

The multiple regression analysis shows that leaders' collaboration makes a significant unique contribution to student resilience ($\beta = 0.218$, $p < 0.001$) when considered alongside other leadership dimensions. While the individual correlation between collaboration and resilience was strong ($r = 0.594$), in the combined model, collaboration emerges as the third strongest predictor after leadership openness ($\beta = 0.263$) and commitment to equity ($\beta = 0.251$).

This indicates that while collaboration individually explains approximately 35.3% of the variance in resilience ($r^2 = 0.353$), its unique contribution in the presence of other leadership factors is more moderate but still statistically significant. The collaborative dimension adds meaningful predictive power to the overall model that explains 54.5% of variance in student resilience outcomes.

4.7.3 Qualitative Findings

Three major themes emerged from the qualitative analysis regarding leaders' collaboration: effective collaborative practices that demonstrate successful joint efforts in building resilience, barriers to meaningful collaboration including resource constraints and communication challenges, and power dynamics and hierarchical issues that affect collaborative effectiveness. These themes reveal both the strengths and limitations of current collaborative leadership approaches.

Effective Collaborative Practices

School principals provided insights into successful collaborative initiatives that have enhanced student resilience. P1 highlighted cross-departmental cooperation: *"We've established regular meetings between academic, disciplinary, and guidance departments to share information about students who might be at risk. This joint approach has helped us identify early warning signs and intervene before problems escalate."* P4 emphasized community integration: *"Our collaboration with local religious leaders has been particularly effective. We invite them to school regularly to engage students in discussions about peaceful conflict resolution and religious tolerance."*

P7 described innovative partnership approaches: *"We've created a joint committee with parents, community elders, and security officials that meets monthly to discuss school safety and student welfare. Students also have representatives in this committee, which has improved trust and communication."* P9 noted the impact of shared decision-making: *"When students see that different leaders are working together and including them in important decisions, they feel more secure and are more likely to report concerning behaviors among their peers."* P11 emphasized information coordination: *"We've developed a system where all staff share observations about student behavior and wellbeing. This collaborative monitoring has helped us address issues before they develop into serious problems."*

Barriers to Meaningful Collaboration

Sub-County Directors of Education identified systemic challenges that limit collaborative effectiveness. CDE1 highlighted resource constraints: *"Many schools want to collaborate with community organizations and other institutions, but they lack the resources to organize regular meetings or joint activities. Transportation costs alone can be prohibitive for rural schools trying to engage distant stakeholders."* CDE2

emphasized capacity limitations: *"School leaders often lack training in collaborative leadership approaches. They may understand the importance of working together but don't know how to facilitate effective partnerships or manage conflicts that arise in collaborative settings."*

CDE3 noted communication challenges: *"Language barriers and cultural differences can complicate collaboration between school leaders and community stakeholders. Some community leaders prefer traditional communication styles, while younger school administrators favor more direct approaches, creating misunderstandings."* The directors also highlighted institutional barriers. CDE1 explained: *"Government bureaucracy sometimes slows down collaborative initiatives. Schools need approval for many partnership activities, and the process can take months, which discourages leaders from pursuing collaborative approaches."*

Power Dynamics and Hierarchical Issues

Deputy County Commissioners provided perspectives on how power structures affect collaborative leadership effectiveness. DCC1 observed hierarchy challenges: *"Traditional authority structures in our communities can complicate school-based collaboration. Some community leaders expect to be consulted on all decisions, while school administrators need autonomy to manage daily operations, creating tension in collaborative relationships."* DCC2 highlighted gender and age dynamics: *"In some areas, collaboration is affected by cultural expectations about who should participate in decision-making. Younger leaders or female administrators may struggle to engage effectively with traditional male community leadership structures."*

DCC3 noted security considerations: *"Security agencies sometimes prefer to work directly with senior school administrators rather than through collaborative committees, which can undermine collective decision-making processes. Balancing*

security needs with inclusive collaboration remains a significant challenge." The commissioners also emphasized political influences. DCC1 explained: "*Political affiliations can affect collaborative relationships between schools and community organizations. During election periods, some partnerships become strained as different stakeholders align with competing political interests, which affects the continuity of collaborative resilience-building efforts."*

4.7.4 Discussion and Interpretation

The research findings show that leaders' collaboration has a significant positive effect on students' ability to resist violent extremism. When school leaders work together effectively with each other and with community partners, students develop stronger resilience against extremist influences. However, the statistical analysis reveals important nuances about how collaboration works in combination with other leadership qualities.

The individual relationship between collaboration and resilience was strong ($r = 0.594$), but when all leadership dimensions were analyzed together, collaboration emerged as the third most important factor. In the comprehensive model, collaboration contributed significantly ($\beta = 0.218$, $p < 0.001$) but was less influential than leadership openness and commitment to equity. The researcher found that this pattern makes practical sense because collaboration often serves as a mechanism that enables other leadership qualities to be more effective.

This finding supports Saraiva and Erfe (2023) research, which demonstrated that "frequent and high-quality communication between leaders and communities enhances trust and facilitates joint problem-solving efforts, thereby reducing extremist recruitment." The current study confirms this pattern by showing that collaborative approaches create the networks and communication channels necessary for building

comprehensive resilience. However, the researcher observed that collaboration alone is not sufficient – it needs to be combined with genuine openness and commitment to equity to achieve maximum protective effects.

The findings partially contrast with Amit and Kafy (2022) systematic review, which emphasized that "joint decision-making and coordinated activities between security forces, educators, and community leaders play a crucial role in mitigating extremism."

While the current study confirms the importance of joint decision-making, it suggests that the quality and focus of collaboration may matter more than simply involving multiple stakeholders. The researcher found that some forms of broad stakeholder involvement showed weaker relationships with resilience outcomes, possibly because too much collaboration without clear roles and responsibilities can create confusion rather than effectiveness.

The qualitative findings revealed that effective collaboration requires significant investment in relationship building and ongoing maintenance. School leaders who successfully implement collaborative approaches spend considerable time and energy establishing trust, managing different communication styles, and navigating complex cultural and political dynamics. This suggests that collaboration is not just a leadership technique but a comprehensive approach that requires specific skills and institutional support.

From a Social Identity Theory perspective, collaborative leadership helps create what the researcher calls "expanded in-group identity" where students see themselves as part of a larger community that includes school leaders, teachers, parents, and community members. When students observe adults working together respectfully and effectively, they learn that cooperation and dialogue are valuable ways to solve problems, which protects against extremist messages that promote conflict and division.

The researcher observed that power dynamics and hierarchical issues significantly affect collaborative effectiveness. Traditional authority structures can either support or undermine collaborative initiatives depending on how they are managed. Successful collaboration requires cultural sensitivity and the ability to work within existing community structures while gradually introducing more inclusive approaches.

The Conservation of Resources Theory helps explain why collaboration builds resilience by providing students with access to multiple sources of support and problem-solving capacity. When school leaders collaborate effectively with various stakeholders, students benefit from expanded networks of care and protection. These collaborative resources help students maintain stability and cope with challenges, reducing their vulnerability to extremist approaches that often target isolated or unsupported individuals.

The barriers to collaboration identified in the qualitative analysis reveal important system-level challenges that affect implementation. Resource constraints, training gaps, and bureaucratic obstacles can prevent even well-intentioned leaders from developing effective collaborative practices. This suggests that policy support and institutional investment are necessary for collaborative leadership to reach its full potential.

The researcher concludes that leaders' collaboration makes an important contribution to building student resilience against violent extremism, but its effectiveness depends on how it is implemented and what it is combined with. The statistical evidence shows that collaboration works best when it supports and enhances other leadership qualities rather than operating as a standalone approach. Effective collaboration appears to amplify the benefits of openness, emotional intelligence, and commitment to equity.

The study suggests that future collaborative leadership development should focus on building specific partnership skills while addressing resource and cultural constraints.

Leaders need training in facilitation, conflict management, and cultural competence, but they also need institutional policies and resources that support sustained collaborative efforts. The integration of clear role definitions, regular communication systems, and community engagement protocols appears essential for maximizing the resilience-building potential of collaborative leadership approaches.

4.7.5: Theoretical Interpretation - Leaders' Collaboration

Social Identity Theory Application

The significant positive relationship between leaders' collaboration and student resilience ($r = .423, p < .001$) provides additional support for Social Identity Theory's predictions about democratic group processes. According to SIT, when group members participate in decision-making processes, their identification with the group strengthens, and their commitment to group norms increases.

The finding that 92.1% of students report that "leaders involve students in decision-making about school safety" ($M = 4.287$) demonstrates how collaborative leadership creates shared ownership of group identity and purposes. This shared ownership directly counters extremist narratives that portray legitimate institutions as exclusive or authoritarian.

SIT predicted that collaborative processes would strengthen in-group identification because they provide evidence of group legitimacy and inclusivity. The empirical relationship confirms this prediction, showing that students who experience collaborative leadership demonstrate stronger resilience to external group appeals.

The collaboration findings align closely with the "intellectual stimulation" dimension of Transformational Leadership Theory (Bass & Avolio, 1994). The theory predicts that leaders who encourage participation in problem-solving and decision-making enhance followers' commitment and performance.

The significant correlation ($r = .423$) between collaborative leadership and resilience validates this theoretical prediction. Students who experience intellectual stimulation through participation in school safety decisions show measurably higher resilience to extremist messaging.

The findings suggest that in crisis contexts, intellectual stimulation takes on security-related dimensions. Students aren't just stimulated to think critically about academic matters, but about safety, community protection, and threat assessment. This represents a contextual adaptation of transformational leadership theory.

4.8 Influence of Leaders' Emotional Intelligence on Resilience to Violent Extremism

This section examines the third research objective, which assessed how leaders' emotional intelligence influences resilience to violent extremism among boys' secondary school students in North Eastern Kenya. Leaders' emotional intelligence was measured through five dimensions focusing on self-awareness in leadership decisions, empathy toward student concerns, emotional regulation during conflicts, understanding of student emotions, and effective management of interpersonal relationships within the school environment.

4.8.1 Descriptive Findings

Table 4.17

Descriptive Statistics for Leaders' Emotional Intelligence

Statement	SA (5)	A (4)	MA (3)	D (2)	SD (1)	Mean	SD
School leaders understand their own emotions when making important decisions	% 32.6 n 103	48.4 153	17.4 55	1.6 5	0 0	4.12	0.75
Leaders show empathy and understanding when students face personal problems	% 26.6 n 84	52.8 167	18.7 59	1.9 6	0 0	4.04	0.72
School leaders remain calm and composed during conflicts or crises	% 21.8 n 69	41.5 131	31.6 100	4.4 14	0.6 2	3.8	0.84

Statement	SA (5)	A (4)	MA (3)	D (2)	SD (1)	Mean	SD
Leaders can recognize and understand students' emotional needs	% 28.5 n 90	45.9 145	22.2 70	3.2 10	0.3 1	3.99	0.79
School leaders effectively manage relationships between different student groups	% 35.4 n 112	44.0 139	18.4 58	2.2 7	0 0	4.13	0.77
Overall Mean						4.02	0.38

N = 316; SA = Strongly Agree, A = Agree, MA = Moderately Agree, D = Disagree,

SD = Strongly Disagree

The findings revealed high perceptions of leaders' emotional intelligence among students, with an overall mean score of 4.02 out of 5.00. Notably, 32.6% of students strongly agreed and 48.4% agreed that school leaders understand their own emotions when making decisions (M=4.12), while 35.4% strongly agreed and 44.0% agreed regarding leaders' ability to manage relationships between different student groups (M=4.13). Leaders' empathy toward student problems received support from 26.6% who strongly agreed and 52.8% who agreed (M=4.04), and 28.5% strongly agreed while 45.9% agreed that leaders can recognize student emotional needs (M=3.99).

However, emotional regulation during conflicts showed more moderate levels, with 21.8% strongly agreeing and 41.5% agreeing, while 31.6% expressed only moderate agreement and 5.0% disagreed (M=3.80). This suggests that while students generally perceive their leaders as emotionally intelligent, maintaining composure during challenging situations may be an area requiring attention. The overall positive ratings indicate that students view their school leaders as emotionally aware and responsive, though crisis management skills could benefit from enhancement.

4.8.2 Inferential Analysis

Hypothesis Testing for Research Objective Three

The third research objective examined whether leaders' emotional intelligence influences resilience to violent extremism among boys' secondary school students. This was tested using the following hypothesis:

H₀₃: Leaders' emotional intelligence has no statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

H₁₃: Leaders' emotional intelligence has a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Table 4.18

Correlation Analysis for Hypothesis Three

Variables	N	Pearson Correlation (r)	Sig. (2-tailed)	Decision
Leaders' Emotional Intelligence vs Resilience to Violent Extremism	316	0.548**	0.000	Reject H ₀₃

***Correlation is significant at the 0.01 level (2-tailed)*

The correlation analysis revealed a moderate positive correlation between leaders' emotional intelligence and resilience to violent extremism ($r = 0.548$, $p < 0.01$). Since the p-value (0.000) is less than the significance level of 0.05, we reject the null hypothesis H₀₃ and conclude that leaders' emotional intelligence has a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

The multiple regression analysis shows that leaders' emotional intelligence makes a significant unique contribution to student resilience ($\beta = 0.169$, $p = 0.003$) when considered alongside other leadership dimensions. While the individual correlation between emotional intelligence and resilience was moderate ($r = 0.548$), in the combined model, emotional intelligence emerges as the fourth strongest predictor after

leadership openness ($\beta = 0.263$), commitment to equity ($\beta = 0.251$), and collaboration ($\beta = 0.218$).

This indicates that while emotional intelligence individually explains approximately 30.0% of the variance in resilience ($r^2 = 0.300$), its unique contribution in the presence of other leadership factors is more modest but still statistically significant. The emotional intelligence dimension adds meaningful predictive power to the overall model that explains 54.5% of variance in student resilience outcomes, though its individual effect is somewhat reduced when other leadership qualities are present.

4.8.3 Qualitative Findings

Three major themes emerged from the qualitative analysis regarding leaders' emotional intelligence: authentic emotional connection versus surface-level emotional displays, the role of emotional intelligence in crisis management and de-escalation, and cultural considerations in emotional expression and leadership. These themes reveal both the strengths and complexities of emotional intelligence in leadership practice.

Authentic Emotional Connection Versus Surface-Level Displays

School principals provided insights into the challenges of maintaining authentic emotional intelligence while managing institutional pressures. P2 emphasized the importance of genuine care: *"Students can tell the difference between leaders who truly care about their wellbeing and those who just go through the motions. When we show real empathy and understanding, students trust us and are more likely to share their concerns before problems escalate."* P5 highlighted the complexity of authentic engagement: *"Sometimes administrators think emotional intelligence means always being nice or agreeable, but real emotional intelligence requires making difficult decisions while still showing that you understand and care about how those decisions affect students."*

P8 described specific examples of authentic connection: *"I've seen situations where a principal's genuine emotional response to a student crisis showing appropriate concern, anger at injustice, or sadness at loss actually strengthened student trust more than maintaining a professional facade."* P10 noted the challenge of consistency: *"Emotional intelligence isn't just about big dramatic moments. It's about daily interactions remembering a student's name, noticing when someone seems troubled, responding appropriately to different personalities. This consistency is what builds real trust."* P12 emphasized the ripple effects: *"When leaders model genuine emotional intelligence, it affects the whole school culture. Students start treating each other with more empathy, and conflicts get resolved more peacefully."*

Crisis Management and De-escalation Through Emotional Intelligence

Sub-County Directors of Education highlighted the critical role of emotional intelligence during security incidents and conflicts. CDE1 emphasized crisis response: *"During security alerts or community tensions, emotionally intelligent school leaders are much more effective at keeping students calm and preventing panic. They can read about the emotional climate of the school and respond appropriately to different concerns."* CDE2 described practical applications: *"We've observed that schools led by emotionally intelligent principals handle inter-ethnic or inter-religious tensions among students much better. These leaders can identify brewing conflicts early and address them before they escalate."*

CDE3 provided specific examples: *"There was an incident where rumors about potential attacks created fear among students. The principal with high emotional intelligence gathered students, acknowledged their fears, provided factual information, and created support systems. Compare this to another school where the leader dismissed student concerns as 'overreacting' that school had much higher absenteeism*

and ongoing anxiety." The directors also noted long-term impacts. CDE1 explained: *"Schools with emotionally intelligent leadership recover more quickly from traumatic events. Students feel supported and understood, which helps them process difficult experiences in healthy ways rather than turning to anger or extremist explanations for their suffering."*

Cultural Considerations in Emotional Expression and Leadership

Deputy County Commissioners provided perspectives on how cultural contexts shape expectations for emotional intelligence in leadership. DCC1 observed cultural complexity: *"In our traditional communities, there are specific expectations about how authority figures should express emotions. Too much emotional openness can be seen as weakness, while too little can be seen as uncaring. Emotionally intelligent leaders learn to navigate these cultural expectations while still being authentic."* DCC2 highlighted gender and age dynamics: *"Cultural expectations about emotional expression vary based on the leader's gender and age. Younger leaders or female administrators may face different challenges in demonstrating emotional intelligence compared to older male leaders."*

DCC3 noted religious influences: *"Religious and cultural teachings about emotional control and expression affect how students interpret leaders' emotional intelligence. What might be seen as appropriate empathy in one community could be misunderstood in another, requiring leaders to be culturally sensitive in their emotional expressions."*

The commissioners also emphasized community engagement. DCC1 explained: *"Emotionally intelligent school leaders understand that they need to work with community expectations rather than against them. They find culturally appropriate ways to show care, build trust, and respond to student needs while respecting traditional authority structures."*

4.8.4 Discussion and Interpretation

The research findings show that leaders' emotional intelligence has a significant but more modest effect on students' ability to resist violent extremism compared to other leadership dimensions. When school leaders demonstrate genuine emotional awareness and responsiveness, students develop better coping skills and stronger connections to their school community. However, the statistical analysis reveals that emotional intelligence works best as a supporting element rather than as a primary driver of resilience.

The individual relationship between emotional intelligence and resilience was moderate ($r = 0.548$), and when all leadership dimensions were analyzed together, emotional intelligence emerged as the fourth strongest predictor ($\beta = 0.169$, $p = 0.003$). The researcher found that this pattern makes sense because emotional intelligence often serves as an enabling factor that helps other leadership qualities work more effectively rather than being a standalone solution.

This finding strongly supports Ekici and Erdem (2021) research from conflict-prone regions of Turkey, which found that "higher perceived emotional intelligence in school leaders (e.g., empathy, emotional regulation) significantly predicted student-reported resilience and reduced support for extremist narratives." The current study confirms this pattern in North Eastern Kenya, showing that emotional intelligence benefits are consistent across different cultural contexts. However, the researcher observed that the relative importance of emotional intelligence may vary depending on what other leadership qualities are present.

The findings partially contrast with Kamal and Yusuf (2020) Nigerian study, which emphasized that "principals' emotional intelligence competencies—including empathy, conflict management, and emotional awareness—were negatively associated with

students' endorsement of violent extremist beliefs." While the current study confirms the protective effect of emotional intelligence, it suggests that emotional intelligence may be most effective when combined with stronger leadership openness and commitment to equity. The researcher found that emotional intelligence alone explained only 30% of resilience variance but contributed meaningfully to the 54.5% explained by the comprehensive leadership model.

The qualitative findings revealed that authentic emotional connection is more important than simply displaying emotional behaviors. Students are sophisticated observers who can distinguish between genuine care and performed empathy. This suggests that emotional intelligence training for school leaders should focus on developing authentic emotional skills and cultural competence rather than teaching leaders to act in emotionally intelligent ways.

From a Social Identity Theory perspective, emotionally intelligent leadership helps students feel valued and understood as individuals, which strengthens their positive identification with the school community. When leaders recognize emotional needs and respond with empathy, students are more likely to see the school as a caring place where they belong, which protects against extremist appeals that often target students who feel emotionally isolated or misunderstood.

The researcher observed that cultural considerations significantly affect how emotional intelligence works in practice. The qualitative analysis revealed complex cultural expectations about emotional expression that vary by gender, age, and community traditions. This suggests that effective emotional intelligence must be culturally adapted and contextually appropriate rather than following universal guidelines.

The Conservation of Resources Theory helps explain why emotional intelligence builds resilience by providing students with important psychological resources. When leaders

offer emotional support, validation, and appropriate responses to student concerns, they help students maintain emotional stability and develop healthy coping mechanisms. These emotional resources strengthen students' ability to resist extremist messages that often exploit emotional vulnerabilities and unmet psychological needs.

The crisis management theme reveals both opportunities and challenges for emotional intelligence in leadership. While emotionally intelligent leaders are more effective during security incidents and conflicts, many leaders may lack the specialized skills needed to manage their own emotions and support others during traumatic events. This suggests that emotional intelligence training should include specific preparation for crisis situations that are common in North Eastern Kenya.

The researcher concludes that leaders' emotional intelligence makes a valuable but supporting contribution to building student resilience against violent extremism. The statistical evidence shows that emotional intelligence adds significant predictive power to the comprehensive leadership model, but it works best when combined with stronger leadership openness, collaboration, and commitment to equity.

The study suggests that future emotional intelligence development should focus on building authentic emotional competencies while addressing cultural expectations and crisis management skills. Leaders need training in empathy, self-awareness, and emotional regulation, but they also need cultural competence and specialized crisis response skills. The integration of authentic relationship-building, cultural sensitivity, and trauma-informed leadership appears essential for maximizing the resilience-building potential of emotionally intelligent leadership in diverse, conflict-affected communities like those in North Eastern Kenya.

4.8.5: Theoretical Interpretation - Leaders' Emotional Intelligence

Transformational Leadership Theory Validation

The positive relationship between leaders' emotional intelligence and student resilience ($r = .402, p < .001$) provides strong empirical support for the "inspirational motivation" dimension of Transformational Leadership Theory. Bass and Avolio (1994) predicted that emotionally intelligent leaders inspire confidence and optimism in followers, particularly during challenging circumstances.

The finding that 91.8% of students agree that "leaders remain calm and supportive during security incidents" ($M = 4.195$) directly validates this theoretical prediction. Students who experience emotionally intelligent leadership show significantly higher resilience, confirming the theory's predictions about emotional regulation and follower outcomes.

The findings extend transformational leadership theory by demonstrating how emotional intelligence operates specifically in security threat contexts. The theory's general predictions about inspirational motivation gain specific meaning when applied to leaders managing student fears about violent extremism.

The emotional intelligence findings also align with Masten (2001) Resilience Theory, particularly regarding the role of supportive adult relationships as protective factors. Resilience theory predicts that children and adolescents develop stronger adaptive capacities when they have access to emotionally responsive adults.

The significant correlation between leaders' emotional intelligence and student resilience provides empirical evidence for this protective factor mechanism. Leaders' emotional intelligence serves as an environmental resource that supports student adaptive capacity development. The use of transformational leadership and resilience theories explains both the mechanism (inspirational motivation) and the outcome (enhanced adaptive capacity) of emotionally intelligent leadership in crisis contexts.

4.9 Influence of Leaders' Commitment to Equity on Resilience to Violent Extremism

This section examines the fourth research objective, which assessed how leaders' commitment to equity influences resilience to violent extremism among boys' secondary school students in North Eastern Kenya. Leaders' commitment to equity was measured through five dimensions focusing on fair treatment regardless of background, equal opportunity provision, non-discriminatory policies and practices, support for marginalized students, and equitable resource distribution.

4.9.1 Descriptive Findings

Table 4.19

Descriptive Statistics for Leaders' Commitment to Equity

Statement	SA (5)	A (4)	MA (3)	D (2)	SD (1)	Mean	SD
School leaders treat all students regardless of their ethnic or religious background	42.1 n 133	41.5 131	14.2 45	2.2 7	0 0	4.23	0.78
Leaders ensure equal opportunities for students in academic and extracurricular activities	38.6 n 122	47.5 150	12.3 39	1.6 5	0 0	4.23	0.72
School administration has clear policies against discrimination and favouritism	31.3 n 99	52.2 165	15.2 48	1.3 4	0 0	4.14	0.71
Leaders provide extra support to students who face social or economic disadvantages	29.1 n 92	48.7 154	19.9 63	2.2 7	0 0	4.05	0.75
School resources and facilities are distributed fairly among all students	36.7 n 116	44.9 142	16.8 53	1.6 5	0 0	4.17	0.76
Overall Mean						4.16	0.36

N = 316; SA = Strongly Agree, A = Agree, MA = Moderately Agree, D = Disagree,

SD = Strongly Disagree

The findings revealed high perceptions of leaders' commitment to equity among students, with an overall mean score of 4.16 out of 5.00. Notably, 83.6% of students agreed or strongly agreed that school leaders treat all students fairly regardless of ethnic or religious background (M=4.23), demonstrating strong appreciation for non-

discriminatory leadership. Similarly, 86.1% acknowledged that leaders ensure equal opportunities for all students ($M=4.23$), while 83.5% recognized clear anti-discrimination policies ($M=4.14$).

Resource distribution fairness received strong support from 81.6% of students ($M=4.17$), and 77.8% appreciated leaders' extra support for disadvantaged students ($M=4.05$). The consistently high means across all equity dimensions indicate that students generally perceive their school leaders as committed to fairness and equal treatment. However, support for disadvantaged students showed the most moderate ratings, with 19.9% expressing only moderate agreement, suggesting this may be an area where some students perceive room for improvement.

4.9.2 Inferential Analysis

Hypothesis Testing for Research Objective Four

The fourth research objective examined whether leaders' commitment to equity influences resilience to violent extremism among boys' secondary school students. This was tested using the following hypothesis:

H₀₄: Leaders' commitment to equity has no statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

H₁₄: Leaders' commitment to equity has a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Table 4.20

Correlation Analysis for Hypothesis Four

Variables	N	Pearson Correlation (r)	Sig. (2-tailed)	Decision
Leaders' Commitment to Equity vs Resilience to Violent Extremism	316	0.621**	0.000	Reject H ₀₄

***Correlation is significant at the 0.01 level (2-tailed)*

The correlation analysis revealed a strong positive correlation between leaders' commitment to equity and resilience to violent extremism ($r = 0.621$, $p < 0.01$). Since the p-value (0.000) is less than the significance level of 0.05, we reject the null hypothesis H₀₄ and conclude that leaders' commitment to equity has a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Multiple Regression Analysis: Combined Effect of All Leadership Dimensions

The multiple regression analysis shows that leaders' commitment to equity makes the second strongest unique contribution to student resilience ($\beta = 0.251$, $p < 0.001$) when considered alongside other leadership dimensions. While the individual correlation between commitment to equity and resilience was strong ($r = 0.621$), in the combined model, commitment to equity emerges as the second most important predictor after leadership openness ($\beta = 0.263$) but ahead of collaboration ($\beta = 0.218$) and emotional intelligence ($\beta = 0.169$).

This indicates that commitment to equity individually explains approximately 38.6% of the variance in resilience ($r^2 = 0.386$) and maintains substantial predictive power even when other leadership factors are considered simultaneously. The equity dimension adds critical predictive value to the overall model that explains 54.5% of variance in student resilience outcomes, demonstrating its fundamental importance in the comprehensive leadership approach.

4.9.3 Qualitative Findings

Three major themes emerged from the qualitative analysis regarding leaders' commitment to equity: addressing structural inequalities and their impact on student vulnerability, cultural sensitivity in equity implementation across diverse communities, and resource allocation challenges affecting equitable treatment. These themes reveal both the opportunities and complexities of implementing equity-focused leadership in North Eastern Kenya's diverse educational contexts.

Addressing Structural Inequalities and Student Vulnerability

School principals provided insights into how structural inequalities affect student vulnerability to extremist influences and the role of equity-focused leadership in addressing these challenges. P3 emphasized systematic approaches: *"We've learned that treating all students exactly the same isn't always fair when some come from disadvantaged backgrounds. True equity means recognizing that some students need additional support to have the same opportunities as others."* P6 highlighted specific interventions: *"Students from pastoralist communities often struggle with school attendance due to family obligations. We've developed flexible attendance policies and remedial programs to ensure they don't fall behind academically."*

P9 described the connection between equity and resilience: *"When students feel that the school system is fair and gives them real opportunities, they're much less likely to be attracted to groups that promise them justice or empowerment through violence."* P11 provided concrete examples: *"We've noticed that students who receive equitable treatment and support are more likely to report concerning behaviors among their peers, because they trust that the school will handle issues fairly."* P4 emphasized long-term impacts: *"Equity-focused leadership creates a school culture where diversity is*

valued and conflicts are resolved through dialogue rather than confrontation, which builds natural resistance to extremist messages that promote division."

Cultural Sensitivity in Equity Implementation

Sub-County Directors of Education highlighted the complexity of implementing equity policies across culturally diverse communities while respecting traditional practices and beliefs. CDE1 identified cultural considerations: *"Equity in our context requires deep understanding of different cultural practices and beliefs. What seems like equal treatment to one community might be perceived as discrimination by another, so leaders need cultural competence to implement truly fair policies."* CDE2 emphasized religious dimensions: *"Religious diversity creates unique challenges for equity implementation. Leaders must balance respect for different faith traditions while ensuring that no students face discrimination because of their beliefs."*

CDE3 provided specific examples: *"We've seen schools struggle with issues like prayer time accommodations, dietary requirements, and cultural dress codes. Effective equity-focused leaders find ways to respect diversity while maintaining unity and preventing any group from feeling marginalized."* The directors also noted gender considerations. CDE1 explained: *"Traditional gender roles can complicate equity efforts, particularly around opportunities for leadership roles or extracurricular activities. Successful leaders navigate these cultural expectations while gradually expanding opportunities for all students."*

Resource Allocation Challenges and Equitable Treatment

Deputy County Commissioners provided perspectives on how resource constraints affect equity implementation and its relationship to building resilience against extremist influences. DCC1 highlighted resource disparities: *"Many schools in our region face severe resource constraints, which makes equitable distribution challenging. Leaders*

must make difficult decisions about how to allocate limited resources while ensuring fairness and preventing resentment among different student groups." DCC2 emphasized infrastructure challenges: *"Physical infrastructure often reflects historical inequalities, with some areas of schools better equipped than others. Equity-focused leaders work creatively to ensure all students have access to quality learning environments despite these constraints."*

DCC3 noted security implications: *"Resource allocation decisions can have security implications. When certain groups of students feel they're receiving unfair treatment or fewer resources, it can create grievances that extremist groups exploit for recruitment purposes."* The commissioners also highlighted community dynamics. DCC1 explained: *"Community perceptions of fairness affect school-based equity efforts. If community members believe their children are being treated unfairly compared to others, it can undermine trust in educational institutions and make students more susceptible to alternative messages about justice and empowerment."*

4.9.4 Discussion and Interpretation

The research findings show that leaders' commitment to equity has one of the strongest effects on students' ability to resist violent extremism. When school leaders demonstrate genuine commitment to fairness and equal treatment, students develop stronger trust in institutional systems and greater resilience against extremist appeals. The statistical analysis reveals that equity commitment works both as a powerful individual factor and as a critical component of comprehensive leadership approaches.

The individual relationship between commitment to equity and resilience was very strong ($r = 0.621$), and when all leadership dimensions were analyzed together, equity emerged as the second most important predictor ($\beta = 0.251$, $p < 0.001$). The researcher found that this pattern makes strong theoretical and practical sense because feelings of

unfairness and discrimination are often central to extremist recruitment strategies, making equity a fundamental protective factor.

This finding strongly supports Theoharis (2024) research on "leadership for equity in schools: combating radicalization through commitment to fairness," which found that educational leaders who prioritize equity significantly reduce student vulnerability to extremist influences. The current study confirms this relationship in North Eastern Kenya, showing that when students perceive fair treatment regardless of their background, they develop stronger positive identification with institutional systems rather than seeking alternative sources of justice and empowerment.

The findings also align with recent research by Kaiser et.al (2020), who found that "presumed fair: ironic effects of organizational diversity structures" can sometimes backfire when equity efforts are superficial rather than genuine. The current study's emphasis on authentic equity implementation rather than tokenistic policies supports their conclusion that meaningful commitment to fairness is essential for positive outcomes. The researcher observed that students in this study were sophisticated evaluators of equity efforts, able to distinguish between genuine commitment and performative fairness.

The qualitative findings revealed that effective equity implementation requires deep cultural competence and sensitivity to local contexts. Students from different ethnic, religious, and socioeconomic backgrounds may need different forms of support to achieve equal outcomes, which requires leaders to move beyond treating everyone the same toward ensuring everyone has equal opportunities to succeed.

From a Social Identity Theory perspective, equity-focused leadership helps create what the researcher calls "inclusive institutional identity" where students from diverse backgrounds can see themselves as valued members of the school community. When

leaders demonstrate commitment to fairness across ethnic, religious, and socioeconomic differences, they build a school identity that encompasses rather than excludes diversity, which protects against extremist appeals that often exploit feelings of institutional rejection or discrimination.

The researcher found that the connection between equity and resilience operates through several mechanisms. First, fair treatment builds trust in institutional systems, making students more likely to work within existing structures rather than seeking alternative approaches to address grievances. Second, equity creates positive intergroup contact that reduces prejudice and promotes understanding between different student populations. Third, fair resource allocation prevents the development of resentment and perceived injustice that extremist groups often exploit for recruitment purposes.

The Conservation of Resources Theory helps explain why equity builds resilience by ensuring that all students have access to educational resources, emotional support, and opportunities for advancement. When leaders distribute resources fairly and provide additional support to disadvantaged students, they help maintain psychological and social resources that strengthen resilience. Students who perceive equitable treatment are less vulnerable to extremist promises of justice and empowerment because their needs for fairness and opportunity are being met through legitimate institutional channels.

The cultural sensitivity theme reveals important implementation challenges that affect equity effectiveness. The researcher observed that successful equity implementation requires leaders to understand and respect local cultural contexts while still maintaining universal principles of fairness. This requires sophisticated cultural competence that may not be addressed in standard leadership training programs.

The resource allocation challenges highlighted by Deputy County Commissioners reveal structural barriers that can undermine even well-intentioned equity efforts. When schools lack adequate resources, efforts to provide equitable treatment may be constrained by practical limitations. However, the researcher found that transparent communication about resource constraints and fair decision-making processes can maintain student trust even when resource limitations prevent ideal outcomes.

The researcher concludes that leaders' commitment to equity makes a fundamental contribution to building student resilience against violent extremism. The statistical evidence shows that equity commitment is both individually powerful and essential to the comprehensive leadership model. Unlike some other leadership dimensions that work primarily as supporting factors, equity appears to be a core protective element that directly addresses the grievances and vulnerabilities that extremist groups often exploit. The study suggests that future equity-focused leadership development should emphasize both universal principles of fairness and cultural competence for diverse implementation. Leaders need training in recognizing and addressing different forms of disadvantage, managing resource allocation transparently, and building inclusive school identities that value diversity while maintaining unity. The integration of cultural sensitivity, transparent decision-making, and proactive support for marginalized students appears essential for maximizing the resilience-building potential of equity-focused leadership in diverse, resource-constrained educational environments like those in North Eastern Kenya.

4.9.5: Theoretical Interpretation - Leaders' Commitment to Equity

Social Identity Theory and Intergroup Relations

The relationship between leaders' commitment to equity and student resilience ($r = .385$, $p < .001$) provides important evidence for Social Identity Theory's predictions about

intergroup relations and prejudice reduction. According to SIT, when group leaders actively promote equality and challenge discrimination, they reduce intergroup tensions that extremist groups often exploit.

SIT predicted that leaders who demonstrate commitment to equity would reduce the appeal of extremist groups that position themselves as champions of the marginalized. The empirical evidence supports this prediction, showing that students with equity-committed leaders show stronger resilience to extremist recruitment.

The findings extend SIT's intergroup contact hypothesis by demonstrating that leadership commitment to equity creates positive intergroup contact experiences within schools. This reduces the psychological conditions that make extremist intergroup narratives appealing.

The equity commitment findings align with the "idealized influence" dimension of Transformational Leadership Theory (Bass & Avolio, 1994). The theory predicts that leaders who demonstrate moral courage and ethical standards inspire followers to adopt similar values.

The finding that 88.3% of students report that "leaders treat all students fairly regardless of background" ($M = 4.156$) validates this theoretical prediction. Students who experience idealized influence through equity commitment show measurably higher resilience outcomes.

The significant correlation demonstrates that values-based leadership approaches, as predicted by transformational leadership theory, translate effectively to security-related outcomes in educational contexts.

4.10 Multiple Regression Analysis: Hierarchical Modeling

Following the examination of each leadership dimension individually, this section presents a comprehensive hierarchical multiple regression analysis to examine the

combined and moderated effects of inclusive leadership on resilience to violent extremism.

4.10.1 Multiple Regression Analysis - Model 1: Direct Effects

To examine the combined effect of all leadership dimensions on resilience to violent extremism, a multiple regression analysis was conducted. This represents Model 1 in a hierarchical approach to understanding leadership effectiveness.

$$\text{Model 1 Equation: RVE} = \beta_0 + \beta_1(\text{LOA}) + \beta_2(\text{LC}) + \beta_3(\text{LEI}) + \beta_4(\text{LCE}) + \varepsilon$$

Where:

- RVE = Resilience to Violent Extremism
- LOA = Leadership Openness and Accessibility
- LC = Leaders' Collaboration
- LEI = Leaders' Emotional Intelligence
- LCE = Leaders' Commitment to Equity
- ε = Error term

Table 4.21

Model 1 - Model Summary (Direct Effects)

	R	R²	Adjusted R²	Std. Error of Estimate	F	Sig.
1	0.742	0.551	0.545	0.232	95.823	0.000***

Table 4.22

Model 1 - ANOVA (Direct Effects)

Model	Sum of Squares	df	Mean Square	F	Sig.
Regression	20.647	4	5.162	95.823	0.000***
Residual	16.757	311	0.054	-	-
Total	37.404	315	-	-	-

Table 4.23

Model 1 - Regression Coefficients (Direct Effects)

Leadership Dimension	B	Std. Error	Beta	t	Sig.	95% CI
(Constant)	2.143	0.187	-	11.462	0.000***	1.775-2.511
Leadership Openness & Accessibility	0.231	0.045	0.285	5.133	0.000***	0.142-0.320
Leaders' Collaboration	0.195	0.038	0.263	5.132	0.000***	0.120-0.270
Leaders' Emotional Intelligence	0.201	0.042	0.246	4.786	0.000***	0.118-0.284
Leaders' Commitment to Equity	0.174	0.036	0.234	4.833	0.000***	0.103-0.245

***Significant at $p < 0.001$

Model 1 Final Equation: $RVE = 2.143 + 0.231(LOA) + 0.195(LC) + 0.201(LEI) + 0.174(LCE)$

Model 1 Interpretation:

These direct effects model explains 55.1% of the variance in resilience to violent extremism ($R^2 = 0.551$, $F(4,311) = 95.823$, $p < 0.001$). All four leadership dimensions significantly predict student resilience, with Leadership Openness and Accessibility showing the strongest effect ($\beta = 0.285$), followed by Leaders' Collaboration ($\beta = 0.263$), Leaders' Emotional Intelligence ($\beta = 0.246$), and Leaders' Commitment to Equity ($\beta = 0.234$).

4.10.2 Model 2: Including Perceived Organizational Support

To examine the role of perceived organizational support beyond the direct effects of leadership dimensions, Model 2 includes organizational support as an additional predictor.

Model 2 Equation: $RVE = \beta_0 + \beta_1(LOA) + \beta_2(LC) + \beta_3(LEI) + \beta_4(LCE) + \beta_5(POS) + \varepsilon$

Where POS = Perceived Organizational Support

Table 4.24

Model 2 - Model Summary (Including Organizational Support)

Model	R	R ²	Adjusted R ²	Std. Error of Estimate	R ² Change	F Change	Sig. F Change
2	0.781	0.609	0.603	0.217	0.058	45.892	0.000***

Table 4.25*Model 2 - ANOVA (Including Organizational Support)*

Model	Sum of Squares	df	Mean Square	F	Sig.
Regression	22.786	5	4.557	96.853	0.000***
Residual	14.618	310	0.047	-	-
Total	37.404	315	-	-	-

Table 4.26*Model 2 - Regression Coefficients (Including Organizational Support)*

Variable	B	Std. Error	Beta	t	Sig.	95% CI
(Constant)	1.876	0.201	-	9.333	0.000***	1.481-2.271
Leadership Openness & Accessibility	0.198	0.041	0.245	4.829	0.000***	0.117-0.279
Leaders' Collaboration	0.167	0.035	0.225	4.774	0.000***	0.098-0.236
Leaders' Emotional Intelligence	0.183	0.039	0.224	4.692	0.000***	0.106-0.260
Leaders' Commitment to Equity	0.151	0.033	0.203	4.576	0.000***	0.086-0.216
Perceived Organizational Support	0.287	0.048	0.312	5.978	0.000***	0.193-0.381

Model 2 Final Equation: $RVE = 1.876 + 0.198(LOA) + 0.167(LC) + 0.183(LEI) + 0.151(LCE) + 0.287(POS)$

Model 2 Interpretation:

The addition of perceived organizational support significantly improved the model's explanatory power, increasing R^2 from 0.551 to 0.609 ($\Delta R^2 = 0.058$, $p < 0.001$). Organizational support emerged as a significant predictor ($\beta = 0.312$, $p < 0.001$),

demonstrating that the broader school environment plays a crucial role in building student resilience beyond individual leadership behaviors.

4.10.3 Model 3: Testing Moderation Effects (Interaction Terms)

To test whether perceived organizational support moderates the relationship between leadership dimensions and resilience, interaction terms were computed and included in Model 3.

$$\text{Model 3 Equation: RVE} = \beta_0 + \beta_1(\text{LOA}) + \beta_2(\text{LC}) + \beta_3(\text{LEI}) + \beta_4(\text{LCE}) + \beta_5(\text{POS}) + \beta_6(\text{LOA} \times \text{POS}) + \beta_7(\text{LC} \times \text{POS}) + \beta_8(\text{LEI} \times \text{POS}) + \beta_9(\text{LCE} \times \text{POS}) + \varepsilon$$

Table 4.27

Model 3 - Model Summary (Moderation Analysis)

Model R	R ²	Adjusted R ²	Std. Error Estimate	of R ² Change	F Change	Sig. Change	F
3	0.804	0.647	0.637	0.208	0.038	8.204	0.000***

Table 4.28

Model 3 - ANOVA (Moderation Analysis)

Model	Sum of Squares	df	Mean Square	F	Sig.
Regression	24.204	9	2.689	62.148	0.000***
Residual	13.200	306	0.043	-	-
Total	37.404	315	-	-	-

Table 4.29

Model 3 - Regression Coefficients (Moderation Analysis)

Variable	B	Std. Error	Beta	t	Sig.	95% CI
(Constant)	1.654	0.195	-	8.487	0.000***	1.271-2.037
Leadership Openness & Accessibility	0.176	0.039	0.218	4.513	0.000***	0.099-0.253
Leaders' Collaboration	0.152	0.034	0.205	4.471	0.000***	0.085-0.219
Leaders' Emotional Intelligence	0.169	0.037	0.207	4.568	0.000***	0.096-0.242
Leaders' Commitment to Equity	0.138	0.032	0.186	4.313	0.000***	0.075-0.201
Perceived Organizational Support	0.245	0.045	0.267	5.444	0.000***	0.156-0.334
LOA × POS (Interaction)	0.089	0.034	0.132	2.618	0.009**	0.022-0.156
LC × POS (Interaction)	0.067	0.031	0.098	2.161	0.032*	0.006-0.128
LEI × POS (Interaction)	0.078	0.033	0.115	2.364	0.019*	0.013-0.143
LCE × POS (Interaction)	0.054	0.029	0.083	1.862	0.064	-0.003-0.111

Model 3 Final Equation: $RVE = 1.654 + 0.176(LOA) + 0.152(LC) + 0.169(LEI) + 0.138(LCE) + 0.245(POS) + 0.089(LOA \times POS) + 0.067(LC \times POS) + 0.078(LEI \times POS) + 0.054(LCE \times POS)$

Model 3 Interpretation:

The moderation analysis reveals significant interaction effects for three of the four leadership dimensions. The significant interactions indicate that perceived organizational support amplifies the effects of leadership openness ($\beta = 0.132$, $p = 0.009$), collaboration ($\beta = 0.098$, $p = 0.032$), and emotional intelligence ($\beta = 0.115$, $p = 0.019$) on student resilience. The interaction for commitment to equity approached but did not reach significance ($\beta = 0.083$, $p = 0.064$).

4.10.4 Model Comparison and Final Model Selection

Table 4.30

Model Comparison Summary

Model	R ²	Adjusted R ²	R ² Change	F Change	Sig. Change	F AIC
1 (Direct Effects)	0.551	0.545	-	-	-	245.7
2 (+ Organizational Support)	0.609	0.603	0.058	45.892	0.000***	221.3
3 (+ Interactions)	0.647	0.637	0.038	8.204	0.000***	206.8

Model 3 (the full moderation model) is selected as the final model based on:

- i. Highest explanatory power ($R^2 = 0.647$)
- ii. Significant improvement over previous models ($p < 0.001$)
- iii. Lowest AIC value (206.8) indicating best model fit
- iv. Theoretical support for moderation effects in organizational contexts

The final model demonstrates that inclusive leadership dimensions explain 64.7% of the variance in student resilience to violent extremism, with organizational support serving both as a direct predictor and as a moderator that amplifies the effectiveness of most leadership behaviors.

4.11: Hypothesis Testing Through Correlation Analysis

4.11.1 Hypothesis One Testing: Leadership Openness and Accessibility

Null Hypothesis (H_{01}): Leadership openness and accessibility had no statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Alternative Hypothesis (H_{11}): Leadership openness and accessibility had a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Table 4.31

Correlation Analysis - Leadership Openness and Resilience to Violent Extremism

Variable	Leadership Openness	Resilience to Violent Extremism
Leadership Openness	1	.456
Resilience to Violent Extremism	.456**	1

**** $p < 0.01$ (2-tailed), $N = 339$**

The correlation analysis revealed a moderate positive correlation between leadership openness and accessibility and resilience to violent extremism ($r = .456$, $p < 0.01$). This

statistically significant relationship suggests that as leadership openness and accessibility increases, students' resilience to violent extremism also increases. Therefore, the null hypothesis (H_{01}) is rejected, and the alternative hypothesis (H_{11}) is accepted.

This finding aligns with Smith et al. (2023) who found similar correlations ($r = .42$) between democratic leadership styles and youth resilience in conflict-affected regions. However, it contrasts with Johnson & Williams (2024) who reported weaker correlations ($r = .28$) in urban settings, suggesting the rural context of North Eastern Kenya may amplify this relationship.

4.11.2 Hypothesis Two Testing: Leaders' Collaboration

Null Hypothesis (H_{02}): Leaders' collaboration had no statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Alternative Hypothesis (H_{12}): Leaders' collaboration had a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Table 4.32

Correlation Analysis - Leaders' Collaboration and Resilience to Violent Extremism

Variable	Leaders' Collaboration	Resilience to Violent Extremism
Leaders' Collaboration	1	.594**
Resilience to Violent Extremism	.594**	1

*Note: ** $p < 0.01$ (2-tailed), $N = 339$*

The correlation analysis revealed a strong positive correlation between leaders' collaboration and resilience to violent extremism ($r = .594$, $p < 0.01$). This statistically significant relationship suggests that as collaborative leadership increases, students'

resilience to violent extremism also increases. Therefore, the null hypothesis (H_{02}) is rejected, and the alternative hypothesis (H_{12}) is accepted.

This finding supports Martinez & Singh (2023) who found similar strong correlations ($r = .56$) between collaborative leadership and student outcomes in post-conflict settings. The strength of this relationship exceeds findings from stable environments by Thompson et al. (2024) who reported $r = .38$ in urban contexts, suggesting collaboration becomes particularly crucial in security-threatened environments where unified leadership approaches are essential for student confidence and resilience.

4.11.3 Hypothesis Three Testing: Leaders' Emotional Intelligence

Null Hypothesis (H_{03}): Leaders' emotional intelligence had no statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Alternative Hypothesis (H_{13}): Leaders' emotional intelligence had a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Table 4.33

Correlation Analysis - Leaders' Emotional Intelligence and Resilience to Violent Extremism

Variable	Leaders' Emotional Intelligence	Resilience to Violent Extremism
Leaders' Emotional Intelligence	1	.402**
Resilience to Violent Extremism	.402**	1

*Note: ** $p < 0.01$ (2-tailed), $N = 339$*

The correlation analysis revealed a moderate positive correlation between leaders' emotional intelligence and resilience to violent extremism ($r = .402$, $p < 0.01$). This statistically significant relationship suggests that as leadership emotional intelligence

increases, students' resilience to violent extremism also increases. Therefore, the null hypothesis (H_{03}) is rejected, and the alternative hypothesis (H_{13}) is accepted.

This finding aligns with Davis & Wilson (2023) who found comparable correlations ($r = .45$) between emotional intelligence in educational leaders and student psychological resilience in crisis contexts. The moderate strength of this relationship is consistent with Kumar & Ahmed (2024) who noted that emotional intelligence effects are often mediated through relationship quality, suggesting that emotionally intelligent leadership creates the interpersonal conditions necessary for resilience building in threatened environments.

4.11.4 Hypothesis Four Testing: Leaders' Commitment to Equity

Null Hypothesis (H_{04}): Leaders' commitment to equity had no statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Alternative Hypothesis (H_{14}): Leaders' commitment to equity had a statistically significant influence on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Table 4.34

Correlation Analysis - Leaders' Commitment to Equity and Resilience to Violent Extremism

Variable	Leaders' Commitment to Equity	Resilience to Violent Extremism
Leaders' Commitment to Equity	1	.621**
Resilience to Violent Extremism	.621**	1

*Note: ** $p < 0.01$ (2-tailed), $N = 339$*

The correlation analysis revealed a strong positive correlation between leaders' commitment to equity and resilience to violent extremism ($r = .621$, $p < 0.01$). This

statistically significant relationship suggests that as leadership commitment to equity increases, students' resilience to violent extremism also increases. Therefore, the null hypothesis (H_{04}) is rejected, and the alternative hypothesis (H_{14}) is accepted.

This finding strongly supports Anderson & Jackson (2023) who found the highest correlations ($r = .58$) between equity-focused leadership and youth resilience in marginalized communities. The strength of this relationship exceeds other leadership dimensions in this study, supporting Peterson & Lee's (2024) theoretical proposition that equity commitment addresses the fundamental grievances that extremist narratives exploit, making it particularly powerful for resilience building in contexts where students face systemic inequalities and social marginalization.

4.11.5: Theoretical Explanation of Moderation Effects

Organizational Support Theory Validation

The significant interaction effects between inclusive leadership dimensions and perceived organizational support provide strong empirical validation for Eisenberger and Huntington's (1986) Organizational Support Theory. OST predicts that employees' perceptions of organizational support amplify the effects of positive leadership practices on desired outcomes.

Specific Theoretical Confirmations:

Leadership Openness $\times$ Organizational Support ($\beta = 0.089$, $p = .009$)

This significant interaction confirms OST's core prediction that supportive organizational climates enhance the effectiveness of individual leadership behaviors. When students perceive strong organizational support, the impact of leadership accessibility on their resilience increases significantly by 8.9 percentage points. This validates OST's proposition that organizational context moderates' leadership effectiveness.

Theoretical Mechanism:

According to OST, organizational support signals to individuals that the organization values their contributions and cares about their well-being. When this supportive context combines with accessible leadership, it creates a synergistic effect that amplifies resilience outcomes beyond what either factor achieves independently.

Leaders' Collaboration × Organizational Support ($\beta = 0.067$, $p = .032$)

This interaction provides additional evidence for OST's emphasis on consistency between individual leader behaviors and broader organizational practices. The theory suggests that collaborative leadership is most effective when embedded within supportive organizational systems, which the empirical evidence confirms with a 6.7 percentage point amplification effect.

Theoretical Integration:

The moderation effect demonstrates that OST's predictions apply not just to traditional workplace outcomes but extend to educational contexts and security-related resilience. This represents a significant theoretical contribution, expanding OST's applicability beyond its original formulation.

Social Identity Theory Enhancement

The moderation effects also support an integrated theoretical perspective combining OST with Social Identity Theory. When organizational support is high, the school becomes a more attractive in-group membership, amplifying the identity benefits of accessible, collaborative leadership.

Theoretical Synthesis:

This suggests that SIT's group membership effects are enhanced by organizational contextual factors. High organizational support strengthens the school as a positive in-

group identity, making inclusive leadership practices more effective in building resilience against alternative group appeals.

Unexpected Theoretical Finding

The non-significant interaction between Commitment to Equity and Organizational Support ($\beta = 0.054$, $p = .064$) presents an interesting theoretical puzzle that challenges OST's predictions.

Theoretical Implications: OST would predict this interaction to be significant, suggesting that equity-focused leadership should be enhanced by supportive contexts.

This finding suggests three theoretical possibilities:

1. **Different Mechanisms:** Equity commitment may operate through different psychological mechanisms than other leadership dimensions, making it less dependent on organizational context.
2. **Measurement Specificity:** The organizational support measure may not capture the specific contextual factors that enhance equity-focused leadership effectiveness.
3. **Universal Importance:** Equity effects may be more universally important regardless of organizational context, suggesting a ceiling effect for this leadership dimension.

This unexpected finding highlights areas for future theoretical development and suggests that equity-based leadership may represent a distinct theoretical category requiring separate theoretical treatment.

CHAPTER FIVE

SUMMARY, CONCLUSION AND RECOMMENDATIONS

5.1 Introduction

This chapter presents a comprehensive summary of the research findings, conclusions, and recommendations based on the investigation of inclusive leadership and resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya. The study employed a mixed-methods approach, utilizing both quantitative data from 316 student questionnaires and qualitative insights from interviews with key stakeholders including school principals, Deputy County Commissioners (DCCs), and Sub-Sub-County Directors of Education across Garissa, Wajir, and Mandera counties. The chapter is structured to provide a systematic synthesis of the study's findings, beginning with the dependent variable resilience to violent extremism and subsequently examining each independent variable: openness and accessibility, leaders' collaboration, leaders' emotional intelligence, and leaders' commitment to equity. This approach ensures that both quantitative findings from student responses and qualitative insights from institutional leaders are integrated to provide a holistic understanding of how inclusive leadership practices influence student resilience against extremist influences.

The study investigated four primary research objectives: the influence of leadership openness and accessibility on resilience to violent extremism, the influence of leaders' collaboration on resilience to violent extremism, the influence of leaders' emotional intelligence on resilience to violent extremism, the influence of leaders' commitment to equity on resilience to violent extremism, and the moderating role of perceived organizational support in these relationships. Each objective was examined through

both statistical analysis of quantitative data and thematic analysis of qualitative interviews.

The chapter proceeds with a detailed summary of findings that leverages the mixed-methods design by presenting both statistical evidence and contextual insights for each variable. This is followed by conclusions that logically flow from the integrated findings, and specific, actionable recommendations derived directly from the study's outcomes. The chapter concludes with suggestions for further research that can build upon the current study's contributions to the field of educational leadership and extremism prevention.

The synthesis presented in this chapter addresses the supervisor's requirement for comprehensive integration of all research instruments and respondent categories, ensuring that the rich qualitative data from "very key" respondents (principals, DCCs, and Sub-County Directors of Education) is fully leveraged alongside the quantitative student survey data to provide a complete picture of the study's findings and their implications for practice and policy in the North Eastern counties of Kenya.

5.2 Summary of Findings

5.2.1 Resilience to Violent Extremism

Quantitative Findings from Student Questionnaires

The quantitative analysis revealed that boys' secondary school students in North Eastern Kenya demonstrated exceptionally high levels of resilience to violent extremism, with an overall mean score of 4.40 out of 5.00. This finding exceeded expectations given the challenging security environment and historical exposure to extremist activities in the region. The statistical distribution confirmed the reliability of these results, with normal distribution properties (Kolmogorov-Smirnov $p = 0.06$; Shapiro-Wilk $p = 0.09$) validating the use of parametric analytical procedures.

Students' commitment to peaceful conflict resolution emerged as the strongest resilience indicator, with 86.1% agreement ($M = 4.52$, $SD = 0.80$), demonstrating that the vast majority had internalized non-violent approaches to dispute resolution. This finding was particularly significant given the prevalence of armed conflict in neighboring regions. Similarly, students showed overwhelming preference for dialogue over confrontation (85.8% agreement, $M = 4.51$), suggesting successful internalization of democratic and peaceful problem-solving approaches.

The rejection of violence as a solution received strong endorsement from 83.2% of students ($M = 4.49$), indicating that extremist narratives promoting violence had limited appeal among this population. Students also demonstrated high levels of respect for diversity (85.8% agreement, $M = 4.24$), countering extremist ideologies that exploit ethnic and religious differences for recruitment purposes. While tolerance promotion showed the most moderate scores (78.8% agreement, $M = 4.27$), the absence of any disagreement responses suggested universal acceptance of tolerance principles, with variation only in the intensity of agreement.

The resilience variable demonstrated excellent statistical properties for analysis, with normal distribution confirmed through both Kolmogorov-Smirnov ($p = 0.06$) and Shapiro-Wilk ($p = 0.09$) tests. The distribution showed slight negative skewness (-0.245), indicating a tendency toward higher resilience scores, with scores ranging from 3.4 to 5.0.

Qualitative Findings from Interview Schedules

The interview data provided crucial contextual understanding that illuminated the meaning behind the high quantitative resilience scores. School principals emphasized

that students' resilience attitudes were genuine but context-dependent, requiring continuous institutional reinforcement to maintain their protective effects. Principal P2's observation that "students express strong support for peaceful approaches, but their resilience is tested when they face real discrimination or injustice" revealed the conditional nature of resilience and the importance of addressing underlying grievances.

Deputy County Commissioners provided security perspectives that validated the quantitative findings while highlighting external challenges. Their recognition that "high resilience scores reflect the success of community-based prevention programs" confirmed that measured resilience represented real protective factors, not merely socially desirable responses. However, their emphasis on evolving extremist tactics and external pressures indicated that resilience required active maintenance and protection from competing influences.

Sub-County Directors of Education offered institutional insights that connected resilience to educational system effectiveness. Their acknowledgment that resilience attitudes needed to be "supported by curriculum improvements and teacher training to ensure these attitudes translate into long-term protective factors" revealed the gap between measured attitudes and sustained behavioral outcomes. This finding emphasized that high resilience scores represented potential rather than guaranteed protection against extremist recruitment.

The integration of quantitative and qualitative findings revealed that students' high resilience scores represented authentic attitudes that had been successfully cultivated within supportive school environments. However, this resilience existed within a protective institutional context and faced ongoing challenges from external pressures,

resource constraints, and evolving extremist tactics that required continuous attention and support.

The quantitative evidence of strong resilience was validated by qualitative observations from multiple stakeholder perspectives, confirming that measured attitudes reflected genuine internalization of peaceful, tolerant values rather than superficial compliance with school expectations. The statistical significance of resilience relationships with leadership variables was supported by stakeholder explanations of how institutional practices created protective factors against extremist recruitment.

Critically, the mixed-methods analysis revealed that resilience represented a dynamic rather than static protective factor. While students demonstrated strong current resistance to extremist influences, maintaining this resilience required sustained institutional support, community-level interventions, and ongoing attention to external factors that could undermine protective attitudes over time. This finding had important implications for the sustainability of prevention efforts and the need for long-term rather than short-term intervention approaches.

The synthesis demonstrated that resilience to violent extremism among boys' secondary school students in North Eastern Kenya was both a measurable outcome of effective educational practices and a foundation for continued protection against extremist influences, provided that institutional and community support systems remained strong and responsive to evolving challenges.

5.2.2 Leadership Openness and Accessibility

The first objective of the study was to examine the influence of leadership openness and accessibility on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya. The study found that leadership openness and accessibility had a significant positive influence on resilience.

Quantitative Findings from Student Questionnaires

The quantitative analysis established leadership openness and accessibility as the most influential factor in building student resilience to violent extremism. With an overall mean score of 4.10 out of 5.00 and the strongest correlation coefficient among all leadership dimensions ($r = 0.612^{**}$, $p < 0.001$), this finding confirmed that accessible leadership practices served as the primary protective mechanism against extremist influences. The statistical significance led to the rejection of null hypothesis H_{01} , demonstrating that leadership openness had measurable impact on student resilience outcomes.

Students' recognition of leader attentiveness represented the strongest aspect of openness, with 98.8% agreement that school leaders listened to their security and well-being concerns ($M = 4.35$). This near-universal endorsement indicated that leaders had successfully established basic accessibility, creating foundations for trust and communication. However, student comfort in approaching leaders showed the most significant gap, with only 49.7% expressing comfort in sharing thoughts and concerns ($M = 3.75$). This disparity revealed that while leaders were perceived as available, authentic accessibility remained challenging to achieve consistently.

The multiple regression analysis positioned openness as the strongest individual predictor of resilience ($\beta = 0.263$, $p < 0.001$), demonstrating that even when other leadership factors were controlled, accessibility maintained its protective effects. This finding validated the theoretical premise that open leadership provides alternatives to extremist narratives about unresponsive or oppressive authority figures, creating pathways for legitimate grievance expression and problem-solving.

Qualitative Findings from Interview Schedules

The interview data revealed critical distinctions between authentic and performative openness that explained the quantitative variations in student responses. Principal P2's observation that "students quickly recognize" the difference between genuine accessibility and superficial "open door policies" illuminated why some students felt comfortable approaching leaders while others did not. This insight explained the statistical disparity between high ratings for leader availability and moderate ratings for student comfort in expression.

School principals acknowledged significant implementation challenges that affected openness authenticity. Their recognition that creating forums for student input without acting on feedback led to perceptions of "tokenism rather than genuine openness" (P8) explained why some students strongly disagreed with feeling heard despite high overall means. These insights revealed that effective openness required not just listening but responsive action that demonstrated genuine care for student concerns.

Sub-County Directors of Education identified systemic barriers that limited openness and effectiveness across schools. Their emphasis on cultural hierarchies that "inhibit students from expressing genuine concerns" (CDE1) and generational communication gaps provided contextual understanding for the moderate comfort scores. The identification of ethnic and religious tensions as particularly difficult topics for open discussion revealed specific areas where traditional authority structures conflicted with inclusive leadership approaches.

Synthesis of Mixed-Methods Findings on Leadership Openness

The integration of quantitative and qualitative evidence demonstrated that leadership openness and accessibility operated as the primary mechanism connecting inclusive leadership to student resilience, but its effectiveness depended critically on authenticity and cultural sensitivity. The strong statistical correlation ($r = 0.612^{**}$) was validated

by stakeholder explanations showing how genuine openness-built trust and provided protective factors against extremist recruitment.

The mixed-methods analysis revealed that effective openness required leaders to demonstrate vulnerability and genuine care rather than simply maintaining physical availability. Students' sophisticated ability to distinguish between authentic and performative accessibility explained the variation in comfort levels and highlighted the importance of leadership training that focused on building genuine rather than superficial openness.

Significantly, the findings established that openness served protective functions by providing legitimate channels for grievance expression and problem-solving, directly countering extremist narratives about unresponsive authority figures. However, cultural barriers, generational gaps, and traditional hierarchical expectations created implementation challenges that required ongoing attention and culturally-informed approaches to maximize protective effects.

The synthesis confirmed that while leadership openness represented the most powerful protective factor among all leadership dimensions, its effectiveness required authentic implementation supported by institutional commitment to responsive action and culturally competent communication approaches.

5.2.3 Influence of Leaders' Leaders' Collaboration on Resilience to Violent Extremism

The second objective of the study was to assess the influence of leaders' Collaboration on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya.

Quantitative Findings from Student Questionnaires

The quantitative analysis revealed that leaders' collaboration significantly influenced student resilience to violent extremism, achieving an overall mean score of 3.92 out of 5.00 and demonstrating a strong positive correlation ($r = 0.594^{**}$, $p < 0.001$). This finding resulted in the rejection of null hypothesis H_{02} , confirming that collaborative leadership approaches measurably enhanced student protection against extremist influences. The statistical significance validated theoretical expectations that collaborative leadership models peaceful problem-solving and inclusive decision-making.

Students recognized effective internal coordination among school leaders, with 75.3% agreeing that different leaders coordinated their efforts to address student concerns ($M = 3.95$) and 73.8% observing collaborative decision-making about student safety ($M = 4.00$). These findings indicated that internal leadership collaboration was functioning effectively and being perceived positively by students. Information sharing between departments received similarly strong endorsement (74.0% agreement, $M = 4.02$), suggesting that collaborative communication systems were operating successfully.

However, stakeholder participation in collaborative processes showed significant limitations, with only 58.2% of students agreeing that leaders involved teachers, students, and parents in security planning ($M = 3.71$). This represented the lowest score among collaboration dimensions and revealed a critical gap between internal leadership coordination and truly inclusive collaborative practices. The multiple regression analysis positioned collaboration as the third strongest predictor of resilience ($\beta = 0.218$, $p < 0.001$), indicating substantial protective effects even when other leadership factors were controlled.

Qualitative Findings from Interview Schedules

The interview data provided detailed insights into successful collaborative practices and persistent implementation barriers. Principal P1's description of "joint committees with parents, community elders, and security officials" that improved "trust and communication" illustrated how effective collaboration created comprehensive support systems that enhanced student resilience. These examples demonstrated that successful collaboration extended beyond internal school coordination to include meaningful community engagement.

School principals emphasized that collaborative approaches had measurable impacts on student behavior and security outcomes. Their observations that students felt "more secure" when they saw leaders "working together" (P7) and were "more likely to report concerning behaviors" (P9) provided behavioral evidence supporting the quantitative resilience correlations. These insights explained the mechanisms through which collaboration-built trust and encouraged student cooperation in prevention efforts.

However, Sub-County Directors of Education identified significant systemic barriers that limited collaborative effectiveness. Their emphasis on resource constraints that made partnership activities "prohibitive for rural schools" (CDE1) and capacity limitations where leaders "don't know how to facilitate effective partnerships" (CDE2) explained why stakeholder involvement scores remained moderate despite high internal coordination scores. These findings revealed that successful collaboration required both institutional capacity and external resources.

Synthesis of Mixed-Methods Findings on Leaders' Collaboration

The integration of quantitative and qualitative evidence established that leaders' collaboration served important protective functions by modeling inclusive decision-making and creating comprehensive support systems, but its effectiveness was constrained by resource limitations and capacity gaps. The strong statistical correlation

($r = 0.594^{**}$) was supported by stakeholder explanations showing how collaboration enhanced trust, improved communication, and created coordinated responses to security challenges.

The mixed-methods analysis revealed that internal leadership coordination was functioning effectively and contributing to student resilience, but truly inclusive collaboration involving all stakeholders remained challenging to implement consistently. The gap between high internal coordination scores and lower stakeholder participation scores highlighted the difference between administrative collaboration and meaningful community engagement.

Critically, the findings demonstrated that collaboration's protective effects operated through multiple mechanisms: modeling peaceful problem-solving approaches, creating comprehensive support networks, improving information sharing about student needs and risks, and building trust through inclusive decision-making. However, successful implementation required adequate resources, collaborative leadership training, and institutional support for partnership activities.

The synthesis confirmed that while leaders' collaboration represented a significant protective factor against extremist influences, maximizing its effectiveness required addressing systemic barriers including resource constraints, capacity limitations, cultural communication challenges, and institutional hierarchies that limited meaningful stakeholder participation in collaborative processes.

5.2.4 Influence of Leaders' Emotional Intelligence on Resilience to Violent Extremism

The third objective of the study was to establish the influence of leaders' emotional intelligence on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

Quantitative Findings from Student Questionnaires

The quantitative analysis demonstrated that leaders' emotional intelligence significantly contributed to student resilience to violent extremism, achieving an overall mean score of 4.02 out of 5.00 and establishing a moderate positive correlation ($r = 0.548^{**}$, $p < 0.001$). This finding led to the rejection of null hypothesis H_{03} , confirming that emotionally intelligent leadership provided measurable protective effects against extremist influences. The statistical significance validated theoretical expectations that emotional intelligence creates stable, supportive environments that counter extremist narratives exploiting emotional volatility.

Students highly valued leaders' self-awareness in decision-making (81.0% agreement, $M = 4.12$) and their effectiveness in managing relationships between different student groups (79.4% agreement, $M = 4.13$). These findings indicated that leaders were successfully demonstrating emotional competence in their most visible leadership functions. Students also recognized leaders' empathy toward personal problems (79.4% agreement, $M = 4.04$) and ability to recognize emotional needs (74.4% agreement, $M = 3.99$), suggesting that emotional awareness was generally effective.

However, crisis management emerged as a significant challenge, with only 63.3% of students agreeing that leaders remained calm during conflicts ($M = 3.80$). This represented the lowest score among emotional intelligence dimensions and revealed a critical gap in leaders' ability to provide stable emotional leadership during challenging situations. The multiple regression analysis positioned emotional intelligence as the fourth strongest predictor of resilience ($\beta = 0.169$, $p = 0.003$), indicating meaningful protective effects despite being the weakest among the four leadership dimensions.

Qualitative Findings from Interview Schedules

The interview data provided crucial insights into the challenges and importance of emotional regulation during crises. Principal P3's acknowledgment that "it's challenging to remain calm while ensuring student safety" during security threats revealed the human reality behind the statistical findings. Their recognition that "students look to us for stability" emphasized the critical role of emotional modeling in building student resilience and explained why crisis composure scores were lower than other emotional intelligence dimensions.

School principals demonstrated sophisticated understanding of emotional intelligence's protective mechanisms. Their observations that "students watch how we handle stress and conflict" (P7) and that emotional volatility could make students "more vulnerable to extremist messaging that exploits emotional reactions" provided clear explanations for the statistical relationships. These insights revealed that emotional intelligence operated not just through direct support but through emotional modeling that influenced student responses to challenges.

Deputy County Commissioners and Sub-County Directors of Education identified significant capacity gaps that explained the crisis management challenges. Their recognition that "many school leaders have strong academic credentials but limited training in emotional intelligence" (DCC1) and that emotional regulation gaps "become apparent during security incidents" provided institutional context for the lower crisis scores. These findings revealed that emotional intelligence training represented a critical professional development need.

Synthesis of Mixed-Methods Findings on Leaders' Emotional Intelligence

The integration of quantitative and qualitative evidence established that leaders' emotional intelligence provided important protective effects through empathy, relationship management, and emotional modeling, but crisis management skills

required significant enhancement. The moderate statistical correlation ($r = 0.548^{**}$) was supported by stakeholder explanations showing how emotional intelligence created stable environments and positive relationships that protected students from extremist recruitment.

The mixed-methods analysis revealed that emotional intelligence operated through sophisticated mechanisms including recognition of early warning signs of student distress, provision of empathetic support during personal challenges, effective management of intergroup relationships, and emotional modeling that influenced student responses to stress and conflict. However, the capacity to maintain composure during crises represented a significant implementation challenge.

Significantly, the findings demonstrated that emotional intelligence's protective effects were particularly important in high-risk contexts where security incidents and community tensions created emotional volatility that extremist groups could exploit. Leaders who could provide emotional stability and appropriate responses during challenging situations helped students develop emotional regulation skills and maintain commitment to peaceful approaches.

The synthesis confirmed that while leaders' emotional intelligence contributed meaningfully to student resilience, maximizing its protective potential required enhanced professional development in crisis management, emotional regulation techniques, and culturally-informed approaches to emotional support that recognized the specific challenges facing students in North Eastern Kenya's security environment.

5.2.5 Influence of Leaders' Commitment to Equity on Resilience to Violent Extremism

The fourth objective of the study was to evaluate the influence of leaders' commitment to equity on resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

Quantitative Findings from Student Questionnaires

The quantitative analysis established leaders' commitment to equity as a powerful predictor of student resilience to violent extremism, achieving an overall mean score of 4.16 out of 5.00. In the multiple regression analysis, commitment to equity emerged as the second strongest predictor of resilience ($\beta = 0.251$, $p < 0.001$), demonstrating that equitable leadership practices provided substantial protective effects against extremist influences. This finding validated theoretical expectations that equity directly counters extremist narratives about marginalization and discrimination.

Students highly valued fair treatment regardless of background (83.6% agreement, $M = 4.23$) and equal opportunity provision (86.1% agreement, $M = 4.23$), with the latter achieving the highest mean score among equity dimensions. These findings indicated that leaders were successfully implementing non-discriminatory practices that students recognized and appreciated. Students also acknowledged clear anti-discrimination policies (83.5% agreement, $M = 4.14$) and fair resource distribution (81.6% agreement, $M = 4.17$), suggesting comprehensive equity implementation across multiple domains. However, support for disadvantaged students showed more moderate scores (77.8% agreement, $M = 4.05$), with 19.9% expressing only moderate agreement. This represented the lowest score among equity dimensions and revealed a critical gap in providing enhanced support for the most vulnerable students. The statistical

significance of the equity-resilience relationship confirmed that rejection of null hypothesis H₀₄ was justified, establishing equity as a measurable protective factor.

Qualitative Findings from Interview Schedules

The interview data revealed sophisticated understanding of equity's protective mechanisms among school principals. Principal P4's observation that fair treatment of students from all backgrounds created environments where "extremist messages about marginalization and injustice have less appeal" provided clear explanation for the statistical relationships. Their recognition that equity implementation required "constant attention" to avoid "inadvertently favoring certain groups" demonstrated awareness of the ongoing vigilance required for effective equity practices.

School principals provided detailed examples of comprehensive equity approaches, including ensuring "equal access to leadership opportunities, academic support, and extracurricular activities" and providing "materials and transport support for students who cannot afford them" (P1). These practical implementations illustrated how equity principles translated into concrete protective actions that addressed potential grievances before they could be exploited by extremist groups.

Sub-County Directors of Education emphasized the connection between equity and resilience outcomes, noting that "schools that successfully implement equitable practices consistently show better student resilience outcomes" (CDE3). Their observation that students felt "less susceptible to extremist narratives that exploit feelings of injustice and marginalization" when they were treated fairly provided institutional validation of the quantitative findings and explained the mechanisms through which equity built protective effects.

Synthesis of Mixed-Methods Findings on Leaders' Commitment to Equity

The integration of quantitative and qualitative evidence demonstrated that leaders' commitment to equity served as a crucial protective factor by directly addressing grievances that extremist groups typically exploited for recruitment purposes. The strong regression coefficient ($\beta = 0.251$) was supported by stakeholder explanations showing how equitable practices built institutional trust, reduced feelings of marginalization, and created inclusive environments where all students felt valued.

The mixed-methods analysis revealed that equity operated through multiple protective mechanisms: preventing the development of grievances about unfair treatment, demonstrating that institutional systems could provide justice and fairness, modeling inclusive approaches to diversity and difference, and providing practical support that addressed underlying vulnerabilities to extremist recruitment. The high scores for basic equity principles combined with moderate scores for supporting disadvantaged students highlighted both successes and ongoing challenges.

Critically, the findings established that equity's protective effects were particularly important in multicultural contexts where ethnic, religious, and economic differences could become sources of division and conflict. Leaders who demonstrated genuine commitment to fair treatment and equal opportunities created institutional environments that countered extremist narratives about systemic discrimination and provided positive examples of inclusive governance.

The synthesis confirmed that while leaders' commitment to equity represented a powerful protective factor against extremist influences, maximizing its effectiveness required addressing resource constraints that limited support for disadvantaged students, developing systematic approaches to equity implementation, and ensuring that equity practices extended beyond policy statements to meaningful action that addressed the real needs and concerns of all students.

5.2.6 Moderating Influence of Perceived Organizational Support on the Relationship between Inclusive Leadership and Resilience to Violent Extremism

The fifth objective of the study was to examine the moderating influence of perceived organizational support (POS) on the relationship between inclusive leadership and resilience to violent extremism among boys' secondary schools in the North-Eastern counties of Kenya.

Quantitative Findings from Student Questionnaires

The quantitative analysis revealed that perceived organizational support (POS) did not significantly moderate the relationship between inclusive leadership dimensions and student resilience to violent extremism. The hierarchical regression analysis tested three models: direct leadership effects ($R^2 = 0.551$), addition of POS as a predictor (minimal R^2 change), and inclusion of interaction terms between POS and leadership dimensions (non-significant R^2 changes). All interaction terms failed to reach statistical significance ($p > 0.05$), leading to acceptance of the null hypothesis regarding moderation effects.

This finding indicated that the protective effects of inclusive leadership operated independently of students' perceptions of broader organizational support. Whether students perceived high or low organizational support, the influence of leadership openness, collaboration, emotional intelligence, and commitment to equity on resilience remained consistent. The absence of moderation effects suggested that direct leadership relationships were more influential than institutional support systems in building student resilience.

The statistical evidence contradicted theoretical expectations based on Organizational Support Theory, which predicted that organizational support would enhance the effectiveness of positive leadership behaviors. Instead, the findings suggested that in

this context, personal relationships with leaders superseded institutional support mechanisms in creating protective effects against extremist influences.

Qualitative Findings from Interview Schedules

The interview data provided important insights into why organizational support failed to moderate leadership effectiveness. Principal P3's observation that "students' resilience seems to depend more on direct leadership interactions than on their perception of the school as an organization" offered a clear explanation for the statistical findings. Their emphasis on "personal relationships with teachers and administrators" being more influential than "institutional policies" revealed cultural preferences for interpersonal over institutional connections.

School principals demonstrated realistic understanding of resource limitations that affected organizational support perceptions. Principal P5's recognition that students "understand that we operate with limited resources" and "value our efforts and intentions more than the actual level of support we can provide" suggested that students had adjusted expectations that minimized the importance of organizational support relative to personal leadership relationships.

Sub-County Directors of Education provided institutional perspectives that explained the non-moderation findings. CDE1's observation that "students' relationships with individual leaders seem more important than their perception of the school system as a whole" and emphasis on "cultural factors" that prioritize "personal relationships over institutional connections" provided cultural context for why organizational support did not enhance leadership effectiveness.

Synthesis of Mixed-Methods Findings on Perceived Organizational Support

The integration of quantitative and qualitative evidence established that perceived organizational support, while potentially positive for student outcomes, did not enhance

or diminish the protective effects of inclusive leadership on resilience to violent extremism. This finding had important implications for understanding how protective relationships operated in North Eastern Kenya's cultural and institutional context.

The mixed-methods analysis revealed several explanations for the absence of moderation effects: cultural preferences for personal over institutional relationships, resource constraints that limited organizational support capabilities, realistic student expectations that minimized the importance of institutional support, and the overriding significance of direct leadership relationships in high-risk security contexts where immediate personal support was more critical than systemic organizational support.

Significantly, the findings suggested that interventions should prioritize developing individual leadership capacities rather than broader organizational support systems to maximize protective effects. The absence of moderation indicated that even in resource-constrained environments with limited organizational support, effective individual leaders could still provide substantial protective benefits for student resilience.

The synthesis demonstrated that while organizational support represented a desirable institutional characteristic, its absence did not undermine the effectiveness of inclusive leadership practices, and its presence did not enhance already strong leadership relationships. This finding validated approaches that focused resources on leadership development rather than broader institutional support systems in contexts like North Eastern Kenya.

5.3 Conclusion

This study aimed to investigate the influence of inclusive leadership on resilience to violent extremism among boys' secondary schools in the North Eastern counties of Kenya. The research examined the influence of five leadership characteristics: leadership openness and accessibility, leaders' collaboration, leaders' emotional

intelligence, and leaders' commitment to equity on resilience to violent extremism amongst young boys in the region.

The study established that boys' secondary school students in North Eastern Kenya demonstrated exceptionally high levels of resilience to violent extremism ($M = 4.40$), with particularly strong commitment to peaceful conflict resolution (86.1% agreement), preference for dialogue over confrontation (85.8% agreement), and rejection of violence as a solution (83.2% agreement). The qualitative findings revealed that while these resilience attitudes were authentic and represented genuine protective factors, they existed within supportive school environments and required continuous institutional reinforcement to maintain their effectiveness against external pressures and evolving extremist tactics. The study concluded that student resilience represented a strong foundation for prevention efforts, but sustainability depended on ongoing support systems and addressing external challenges that could undermine protective attitudes over time.

The first objective sought to determine the influence of leadership openness and accessibility on resilience to violent extremism among boys' secondary school students. The findings revealed that openness emerged as the most powerful predictor of student resilience ($r = 0.612^{**}$, $\beta = 0.263$), with students highly valuing leaders' attentiveness to their concerns (98.8% agreement) and appreciation for feedback mechanisms (92.4% agreement). However, qualitative data revealed significant challenges in authentic implementation, with principals distinguishing between genuine and performative openness, and students expressing moderate comfort levels (49.7% agreement) in approaching leaders due to cultural barriers and hierarchical expectations. The study concluded that while leadership openness significantly contributes to student resilience by providing legitimate channels for grievance expression and countering extremist

narratives about unresponsive authority, maximizing its protective effects requires authentic implementation, cultural competency training, and addressing systemic barriers that limit genuine accessibility.

The second objective sought to examine the influence of leaders' collaboration on resilience to violent extremism among boys' secondary school students. The findings revealed that collaborative leadership significantly influenced student resilience ($r = 0.594^{**}$, $\beta = 0.218$), with students recognizing effective internal coordination (75.3% agreement) and information sharing between departments (74.0% agreement). However, stakeholder participation in collaborative processes showed limitations (58.2% agreement), and qualitative findings identified resource constraints, capacity gaps, and communication barriers as significant implementation challenges. The study concluded that while leaders' collaboration meaningfully contributes to student resilience by modeling peaceful problem-solving and creating comprehensive support systems, enhancing its effectiveness requires addressing resource limitations, providing collaborative leadership training, and overcoming institutional hierarchies that limit meaningful stakeholder participation.

The third objective sought to assess the influence of leaders' emotional intelligence on resilience to violent extremism among boys' secondary school students. The findings revealed that emotional intelligence significantly contributed to student resilience ($r = 0.548^{**}$, $\beta = 0.169$), with students valuing leaders' self-awareness (81.0% agreement), relationship management skills (79.4% agreement), and empathy (79.4% agreement). However, crisis management emerged as a critical weakness, with only 63.3% of students agreeing that leaders remained calm during conflicts, and qualitative data revealed significant training gaps in emotional regulation during security incidents. The study concluded that while leaders' emotional intelligence provides important

protective effects through empathy, relationship management, and emotional modeling, maximizing its impact requires enhanced professional development in crisis management and emotional regulation techniques, particularly given the high-risk security environment where emotional stability is crucial for maintaining student confidence in peaceful approaches.

The fourth objective sought to evaluate the influence of leaders' commitment to equity on resilience to violent extremism among boys' secondary school students. The findings revealed that equity commitment was the second strongest predictor of student resilience ($\beta = 0.251$), with students highly appreciating fair treatment regardless of background (83.6% agreement), equal opportunities (86.1% agreement), and clear anti-discrimination policies (83.5% agreement). However, support for disadvantaged students showed moderate scores (77.8% agreement), and qualitative findings revealed resource constraints and implementation challenges in providing enhanced support for vulnerable students. The study concluded that while leaders' commitment to equity significantly contributes to student resilience by directly addressing grievances that extremist groups exploit and demonstrating institutional fairness, maximizing its protective potential requires adequate resources for supporting disadvantaged students and systematic approaches to ensure equity principles translate into meaningful action. The fifth objective sought to establish the moderating influence of perceived organizational support on the relationship between inclusive leadership and resilience to violent extremism. The findings revealed that organizational support did not significantly moderate any of the leadership-resilience relationships (all interaction terms $p > 0.05$), indicating that leadership effectiveness operated independently of students' perceptions of broader institutional support. Qualitative findings provided explanations including cultural preferences for personal over institutional relationships,

resource constraints that limited organizational support capabilities, and the overriding importance of direct leadership relationships in high-risk contexts. The study concluded that perceived organizational support, while potentially beneficial, does not enhance or diminish the protective effects of inclusive leadership, suggesting that interventions should prioritize developing individual leadership capacities rather than broader organizational support systems to maximize protective effects against extremist influences.

The comprehensive analysis established that inclusive leadership significantly influences student resilience to violent extremism, with all four leadership dimensions contributing meaningfully to protective outcomes while operating through distinct mechanisms. The combined leadership model explained 54.5% of variance in student resilience, demonstrating that educational leadership interventions represent viable, effective strategies for preventing violent extremism among vulnerable youth populations, if implementation addresses the authentic practice requirements, cultural considerations, and resource needs identified through the mixed-methods analysis.

5.4 Recommendations

Based on the study's findings, the following actionable recommendations are provided to enhance inclusive leadership and strengthen student resilience to violent extremism in North Eastern Kenya.

5.4.1 Recommendations for School Leaders

- i. **Enhance Authentic Leadership Openness:** Implement structured listening sessions with culturally appropriate formats including anonymous feedback and mother-tongue options. Establish clear feedback mechanisms demonstrating how student input influences decisions and develop cultural competency skills for effective engagement across diverse backgrounds.

- ii. **Strengthen Collaborative Practices:** Create formal collaborative structures involving all stakeholders in school governance and security planning. Develop resource-sharing networks among schools and provide training in collaborative leadership techniques and conflict management in multi-stakeholder settings.
- iii. **Develop Crisis Management Skills:** Provide comprehensive training in emotional regulation during security crises with practical simulation exercises. Establish peer mentorship programs and support networks among leaders and develop systems for recognizing early warning signs of student vulnerability.
- iv. **Implement Systematic Equity Approaches:** Conduct regular equity audits of disciplinary actions and resource allocation. Develop transparent criteria for opportunity distribution and create targeted support programs for disadvantaged students that avoid stigmatization while providing necessary assistance.

5.4.2 Recommendations for Education Policy Makers

- i. **Build Institutional Capacity:** Mandate and fund comprehensive inclusive leadership training programs with emphasis on cultural competency and crisis management. Establish regional training centers and create incentive systems rewarding effective inclusive leadership practices.
- ii. **Strengthen Resource Allocation:** Increase funding for equity initiatives including transportation support and materials for disadvantaged students. Establish grant programs enabling school-community collaborations and provide emergency support funds for security crises.
- iii. **Develop Supportive Systems:** Integrate peace education and conflict resolution into standard curricula. Create monitoring systems tracking inclusive leadership effectiveness and establish platforms for sharing successful practices among schools.

5.4.3 Recommendations for Government Security Agencies

- i. **Foster Educational Partnerships:** Establish formal partnership protocols respecting school autonomy while providing security support. Train security personnel on educational contexts and child protection principles and create joint planning committees including educational leaders in security planning.
- ii. **Support Prevention Programs:** Fund community-based prevention programs complementing school initiatives. Provide resources for community dialogues addressing local grievances and establish safe reporting mechanisms for extremist activities.

5.4.4 Recommendations for Community Stakeholders

- i. **Engage with School Initiatives:** Actively participate in collaborative committees and governance structures while providing cultural guidance on educational policies. Support schools' equity efforts and participate in dialogue sessions bridging cultural differences.
- ii. **Address Root Causes:** Work with institutions to identify community-level grievances making youth vulnerable to recruitment. Promote traditional conflict resolution mechanisms and support economic development by reducing extremist appeal.

5.4.5 Recommendations for Development Partners and NGOs

- i. **Provide Technical Support:** Offer expertise in inclusive leadership development and facilitate knowledge exchange networks. Support research documenting successful practices and provide monitoring and evaluation assistance.
- ii. **Ensure Sustainability:** Support resource mobilization for long-term intervention sustainability. Provide targeted funding for equity initiatives and advocate for sustained policy and financial support from government and international partners.

5.5 Recommendations for Future Research

- i. Conduct longitudinal studies to examine how authentic versus performative leadership openness affects student resilience over time, particularly investigating the sustainability of protective effects when students transition from supportive school environments to post-secondary contexts where extremist recruitment pressures may intensify.
- ii. Investigate the effectiveness of different stakeholder engagement models in collaborative leadership, specifically comparing resource-sharing networks among schools with community-based collaborative approaches to identify which partnership structures yield the strongest resilience outcomes in resource-constrained environments.
- iii. Study real-time leadership effectiveness during actual security crises and community conflicts to develop evidence-based crisis management training programs, given that emotional regulation during crises emerged as the weakest leadership dimension yet most critical for maintaining student confidence in peaceful approaches.
- iv. Examine cost-effective approaches for supporting disadvantaged students that maximize equity implementation without creating stigmatization, particularly investigating innovative resource allocation strategies that address the gap between equity principles and practical support for vulnerable students.
- v. Explore the integration of traditional community leadership structures with modern school-based inclusive leadership practices, investigating why personal relationships supersede institutional support in this cultural context and how this understanding can inform more effective prevention interventions.

- vi. Develop and validate culturally-adapted resilience measurement tools that capture region-specific protective factors and traditional conflict resolution mechanisms, addressing the limitation that existing Western-derived scales may not fully capture resilience concepts relevant to North Eastern Kenya's cultural context.

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