The Relationships Between School Climate, Peer Victimization, and Psychosocial Adjustment in China

Jocelyn Yao, B.S.

University of Maryland, College Park – Dept. of Counseling, Higher Education, & Special Education

Abstract

This study examined the relationship between peer victimization and adjustment difficulties in middle school aged youth in China. It also investigated whether school climate moderated the relationship between victimization and adjustment. Regression analyses were conducted to determine the impact of different types of peer victimization (physical, verbal, relational, and cyber) as well as different types of school climate (teacher-student relationships, respect for diversity, clarity of expectations) on adjustment difficulties. Moderation analyses were conducted by testing the simple slopes of peer victimization and school climate. Then interaction terms for school climate and all four different types of peer victimization (physical, verbal, relational, and cyber) were created. A significant interaction term indicated that a moderation effect exists.

Introduction

What is Victimization?

A negative, intentional behavior, whether physical, verbal, or psychological that is displayed by children toward their peers. The actions are repeated over time and imply an imbalance of power (Olweus, 1991).

How Victimization Affects Youth

Victimization can lead to negative outcomes for school aged youth. • Increased internalizing and externalizing symptoms (Kumpulainen & Rasanen, 2000) • Decreased academic achievement (Glew et al, 2005) • Increased risk for depression, anxiety, sleep difficulties, and dropping out of school (Centers for Disease Control and Prevention, 2019)

School Climate

• School climate reflects the norms, goals, values, interpersonal relationships, teaching and learning practices, and organizational structures at a school (National School Climate Council, 2007, para. 3). It also includes the quality of relationships between students and teachers, perceptions of safety, respect for diversity, and fairness of rules (Bear, Gaskins, Blunk, & Chen, 2011; Xi et al, 2016b).

• A positive school climate can promote positive youth development.

• Higher academic achievement (Wang et al, 2014; Bear et al, 2018)

• Lower rates of suspension (Bear et al, 2018)

• Teacher perceptions of students' Out of School Behaviors (Cushcater et al, 2015)

• Lower rates of bullying victimization (Espelage, Polanin, & Low, 2014)

Theory


• Theory suggests that person, process, context, and time factors interact and influence each other to predict youth mental health outcomes.

• Individual (peer victimization) and contextual factors (school climate) influence each other to predict youth psychosocial adjustment.

• Positive school climate can indicate what the broader environment at school is like. This might include caring teachers, respectful students, and clear rules, which contribute to better psychosocial adjustment of students.

• It is possible that positive school climate could buffer the negative effects of peer victimization by providing additional support in the school microsystem. Even when students experience victimization if they view their schools as a safe and feel supported by teachers and peers they are more likely to have better psychosocial adjustment due to these additional supports compared to students who view their schools as less supportive.

Research Aims

1. Do different types of peer victimization predict adjustment difficulties?

2. Does school climate predict adjustment difficulties?

3. Does positive school climate moderate the relationship between different types of victimization and adjustment difficulties?

Results: Research Question 1 and 2

Regression analyses were conducted to determine the impact of different types of peer victimization (all four types—physical, verbal, relational, and cyber) on adjustment difficulties. As Figure 1 shows, results of all regression analyses revealed that peer victimization of all four types significantly predicted adjustment difficulties: physical (β = .329, t(734) = 4.148, p < .001); verbal (β = .270, t(734) = 4.035, p < .001); relational (β = .257, t(734) = 2.350, p < .05); and cyber (β = .219, t(734) = 2.385, p < .05).

Regression analyses were conducted to determine the impact of school climate on all four types of peer victimization (all three types—student teacher relationships, respect for diversity, and clarity of expectations) on adjustment difficulties. Results of all regression analyses revealed that school climate of all three types did not significantly predict adjustment difficulties: teacher-student relationships (β = .032, t(734) = .754, p > .05); respect for diversity (β = .002, t(734) = .598, p > .05), and clarity of expectations (β = .010, t(734) = 2.27, p < .020).

Discussion

• Peer victimization of all 4 types (physical, verbal, relational, cyber) predicted adjustment difficulties such that a higher rate of victimization led to more adjustment difficulties. Therefore, results suggest that Chinese middle school students who are victimized by their peers may become maladjusted, both emotionally and socially.

• Given that victimization predicts adjustment difficulties, it is important for schools to find ways to decrease victimization so that students will not have as many adjustment difficulties. Such ways could include educating students about what bullying is and how to report it if they see it occurring.

• Furthermore, to aid students with adjustment difficulties schools could teach methods of coping and resources to access if they experience victimization.

• School climate did not significantly predict adjustment difficulties. This could be due to the fact that school climate is only one of many variables that could affect adjustment difficulties in Chinese middle school students. According to Brownefrensen’s PCTT theory, context is a component that can influence an individual’s development. This may include settings such as the child’s home, peer group, school, or daycenter and the relationships within those environments. School climate is one such context, however, this study only looked at the relationships between teachers and students, the clarity of rules, and respect for diversity. It is possible that there are four types didn’t capture everything. For example, relationships between peers may be another factor, or perceptions of school safety may also impact adjustment difficulties.

• School climate was also not a significant moderator for the relationship between peer victimization and adjustment difficulties. This could be due to several factors. First, it is possible that the negative effects of peer victimization might outweigh the protective effects of a positive school climate (Wang et al, 2014). In other words, a student who is victimized may still feel bad or sad, have difficulty learning, and have problems making friends despite a school environment where there are good relationships among teachers and students, clear rules, and respect for diversity. Second, school climate in this study was measured by having individual students respond to questions. Although the perception of individuals are important, the results may have been different if school climate were measured at a school level, as school climate represents the overall quality in a school (Cohen et al, 2009).

• Third, although the types of school climate investigated in this study (teacher-student relationships, clarity of rules, respect for diversity) didn’t function as a moderator, it is possible that other elements of school climate (school relationships, school engagement, school identity, and school safety, and school belonging, may buffer the relationship between victimization and adjustment difficulties. Future research should investigate other elements of school climate as potential moderators. Furthermore, other individual level factors, such as temperamental, social support, family level factors, or coping strategies may serve as buffers to victimization other than school climate. Future research should examine these potential moderators as well.

Selected References


Fontana, J., D’Alessio, B. J., & Lee, K. K. (2014). Teacher and student perceptions of school environment, such as student-student relationships, student engagement, school identity, and school safety, and school belonging, may buffer the relationship between victimization and adjustment difficulties. Future research should investigate other elements of school climate as potential moderators. Furthermore, other individual level factors, such as temperamental, social support, family level factors, or coping strategies may serve as buffers to victimization other than school climate. Future research should examine these potential moderators as well.

Figure 1. Standardized regression coefficients for the relationship between different types of victimization and adjustment difficulties.

Figure 2. Standardized regression coefficients for the relationship between different types of school climate and adjustment difficulties.