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Association of Aggression and Suicide Behaviors: A School-Based Sample of Rural Chinese Adolescents

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Highlights

- Our current study has a relatively large sample size (16,271 students from 24 junior and 23 senior high schools) and was conducted among 5 provinces (Anhui, Yunnan, Guangdong, Heilongjiang, and Hubei). Therefore, our findings and conclusions may be representative all over rural China.
- In the fully adjusted model, the high levels of aggression were risk factors for all three types of suicide behaviors (suicide ideation, plans, and attempts). Interestingly, the association between levels of hostility and three categories of suicide behaviors were most significant among the five dimensions of aggression.
- Our findings enhance our understanding of the associations between aggression and suicide, and highlight the importance of aggression treatment in suicide prevention programs.
- We examined the association between aggression and suicide behaviors after adjustment for social demographic factors including age, gender, one-child, family structure, father's education, mother's education, income. Additionally, we used another three logistic regression models for the evaluation of the relationship by further controlling for emotional management, neglect, and social support respectively.

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