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#### **ACCEPTED MANUSCRIPT**

## Prevalence of nonsuicidal self-injury and its risk and protective factors

#### among adolescents in Taiwan

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#### **Abstract**

The present study aimed to investigate the prevalence of nonsuicidal self-injury (NSSI) in a large representative sample of secondary school students and identified the psychosocial risk and protective factors. Using a cross-sectional design, 2,170 participants were recruited from senior high schools throughout Taiwan using both stratified and cluster sampling. The one-year prevalence of NSSI was found to be 20.1%. Results suggested that compared to non-injurers, episodic self-injurers reported higher levels of neuroticism and openness, while repetitive self-injurers reported higher levels of neuroticism, openness, avoidance/emotion-focused coping, and virtual social support, and lower levels of self-injurers, repetitive self-injurers reported a higher level of avoidance/ emotion-focused coping. Additionally, compared to non-injurers, mild self-injurers reported higher levels of neuroticism and openness, while severe self-injurers reported higher levels of neuroticism, openness, avoidance/emotion-focused coping, and virtual social support, and lower levels of

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