Understanding Adolescent Gambling Using an Extended Model of the Theory of Planned Behaviour (TPB)



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GRISE

Introduction

- Several predictors and correlates of adolescent gambling and problem gambling behaviour have been identified in the literature, but few studies take into account the possible connections among predictors (Lee, 2013).
- TPB has attracted increasing research attention for describing gambling and problem gambling behaviour.
- Previous cross-sectional research has established significant relationships between TPB constructs and young adult gambling and/or problem gambling behaviour (Martin et al., 2010, 2011; Wu & Tang, 2012).
- One criticism of the TPB is its failure to take into account emotional processes.
- Negative anticipated emotions (NAE) (e.g., regret, guilt) are shown to contribute to gambling decision-making and gambling intentions (Li et al., 2010; Zeelenberg & Pieters, 2004).
- It remains unclear whether the TPB model and NAE would be useful in explaining adolescent gambling and/or and problem gambling behaviour.

Research Objectives

- The current study examines the value of an extended TPB model for explaining adolescent gambling.
- Specifically, the research sought to ascertain whether:
 - TPB constructs (attitudes, subjective norms, PBC) are associated with gambling involvement (past 3 months) and problem gambling (past year) among adolescents
- ii. NAE are also associated with gambling involvement and problem gambling among adolescents
- iii. gambling intentions mediate certain of these relationships

Attitudes toward gambling	
Family and peer subjective norms of gambling	
	-
Negative anticipated emotions	
	•
Perceived behavioral control over gambling refusal	
D _{INT} = disturbance or unex disturbance or unexplaine	

- were surveyed.
- related to gambling.
 - [.61, .80]
- gambling problems.

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Results

- - = .01
- on problem gambling was poor.
- was evaluated
- to be satisfactory:
 - = .01







Conclusions

- Consistent with empirical literature on the TPB in young adult gambling, the results suggest that:
 - . NAE, attitudes, and PBC over refusal to gamble influence gambling intentions;
 - ii. gambling intentions and attitudes have a direct relationship with gambling involvement
 - iii.gambling intentions and PBC over refusal to gamble are directly related to problem gambling
- Subjective norms were not found to be associated with gambling intentions.
 - ✓ Plausible that inclusion of both family and friends as referents in the estimation subjective norms may have weakened its relationship with gambling intentions (Neighbors et al., 2007).
- PBC was not observed to have a direct effect on gambling involvement.
 - \checkmark Possible that adolescents in this sample overestimate their ability to resist gambling (Moore & Ohtsuka, 1999).
- Attitudes were not found to have a direct effect on problem gambling.
 - ✓ Martin et al. (2011) observed that attitudes only had a direct influence on gambling frequency for problem gamblers and not for non-problem
 - ✓ Possible that attitudes did not have a direct impact on problem gambling behaviours as the majority of adolescents in this sample did not endorse any behaviours associated with problem gambling.
- The findings support the utility of an extended TPB framework for understanding adolescent gambling
- The findings also suggest that adolescent problem gambling prevention and intervention efforts should consider targeting NAE and the TPB components in order to postpone initiation to gambling (a risk factor for problem gambling) and promote responsible gambling decision-making.

This research was supported by:



Social Sciences and Humanities Research Council

Fonds de recherche Société et culture Québec 🗟 🗟

