

Introduction

- Gambling often co-occurs with cannabis use, which is known as **concurrent use**
- On the other hand, **simultaneous use** involves engaging in gambling behaviour and cannabis at the **same time** (i.e., using cannabis while gambling)
- While previous studies have examined the association between concurrent use of gambling and cannabis, there is a scarcity of research on simultaneous use

Study Aims

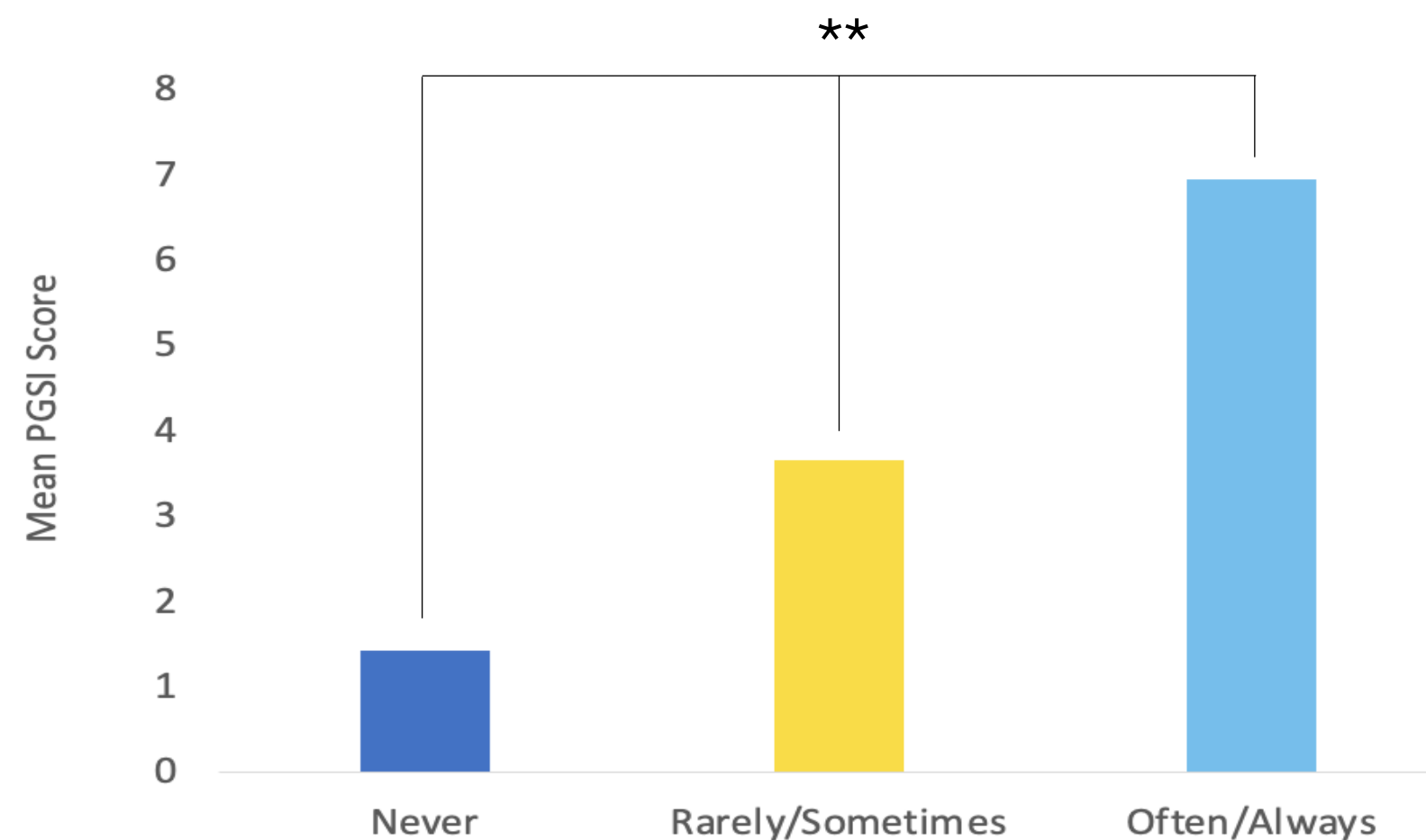
- The present study examined the impact, mental health variables, severity, and motives of simultaneous use of cannabis and gambling in a sample of adults

Methods

- Participants consisted of 477 community adults who currently (i.e., past 12 months) engaged in gambling activities
- Participants completed self-reported measures of psychological characteristics, mental health, gambling, and cannabis use
- Participants (N = 144) who reported that they gambled and used cannabis reported their top three reasons for doing so

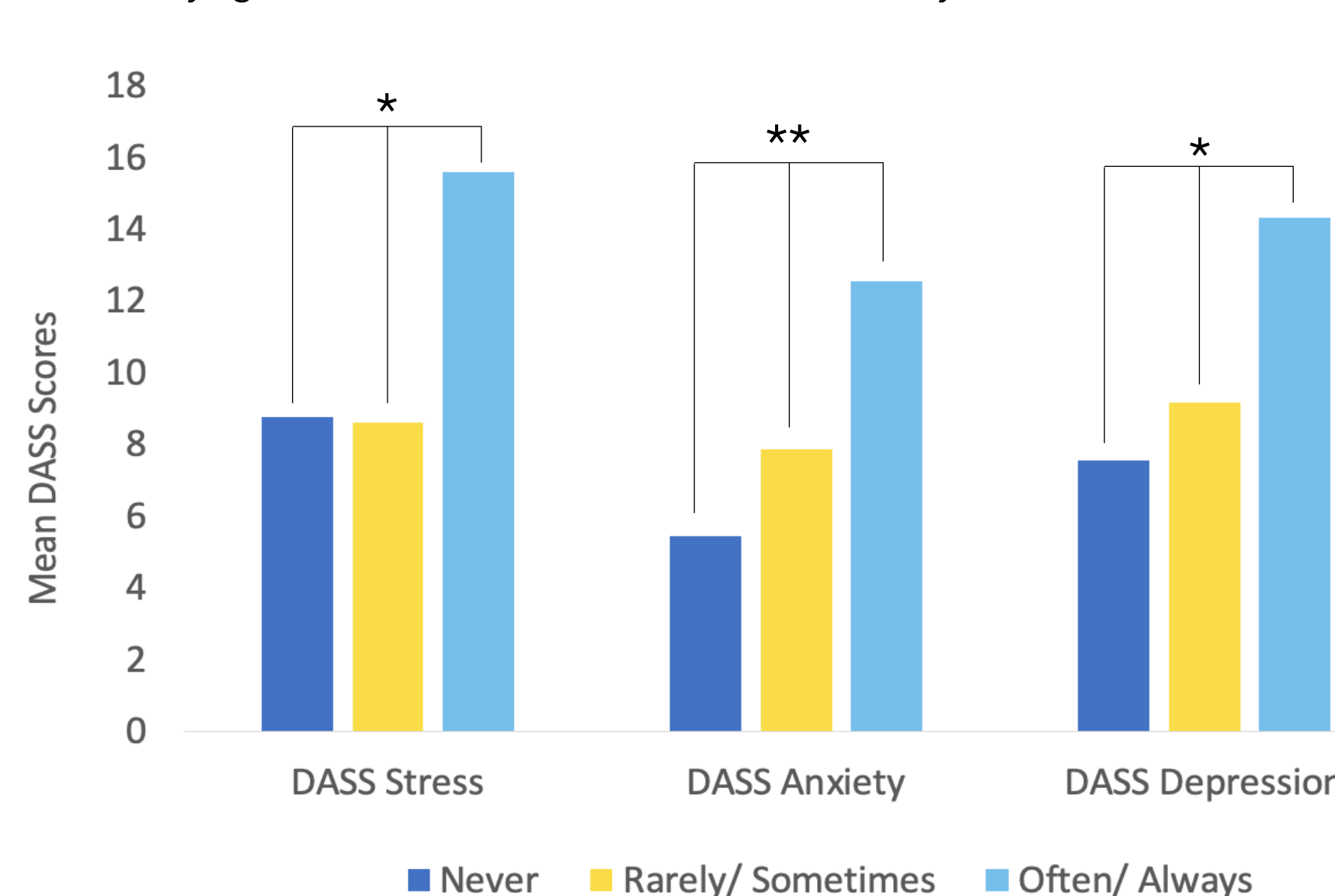
Results

Figure 1. PGSI scores for individuals never, rarely/sometimes, or often/always gambled and used cannabis simultaneously






Note: * $p < .05$, ** $p < .01$, *** $p < .001$

Figure 2. DASS scores for individuals who never, rarely/sometimes, or often/always gambled and used cannabis simultaneously



Simultaneous Use Motives

The three most primary endorsed reasons individuals simultaneously gambled and used cannabis were:

-  To elicit **positive** or **enhancing** emotions (43%)
-  To **relax** (23%)
-  Related to **social** circumstances (15%)

Summary

- Results provide insight into individuals' motivations for engaging in simultaneous cannabis use and gambling
- Findings corroborate previous findings related to simultaneous substance use and provide preliminary evidence that individuals who simultaneously gamble and use cannabis experience **greater harms** and **increased vulnerabilities** than individuals who gamble and concurrently use cannabis