

# A Scoping Review of the Role of Sexual Orientation and Gender Identity (SOGI) Microaggression on Substance Use among Lesbian, Gay, Bisexual, and Transgender Adults

Nephtaly Joel B. Botor, Antover P. Tuliao PhD

### INTRODUCTION

#### **SOGI Microaggression**

- subtle forms of aggression—*verbal*, *non-verbal*, or *environmental*—that sexual and gender minority people receive for possessing sexual or gender identities that diverge from heterosexist expectations<sup>1</sup>
- can manifest in various forms, e.g., heterosexist and transphobic terminology, heteronormative or gender normative culture/behavior, exoticization<sup>2-4</sup>

#### Minority Stress and Substance Use Outcomes

- Sexual and gender minorities were observed to have higher prevalence of substance use<sup>5-10</sup>
- Disparity may be viewed in the light of minority stress model<sup>11-12</sup>
- Microaggression is a minority stress process recently explored as potential mechanism at play in mental health outcomes, e.g., substance use<sup>2,13-15</sup>

#### The Present Study

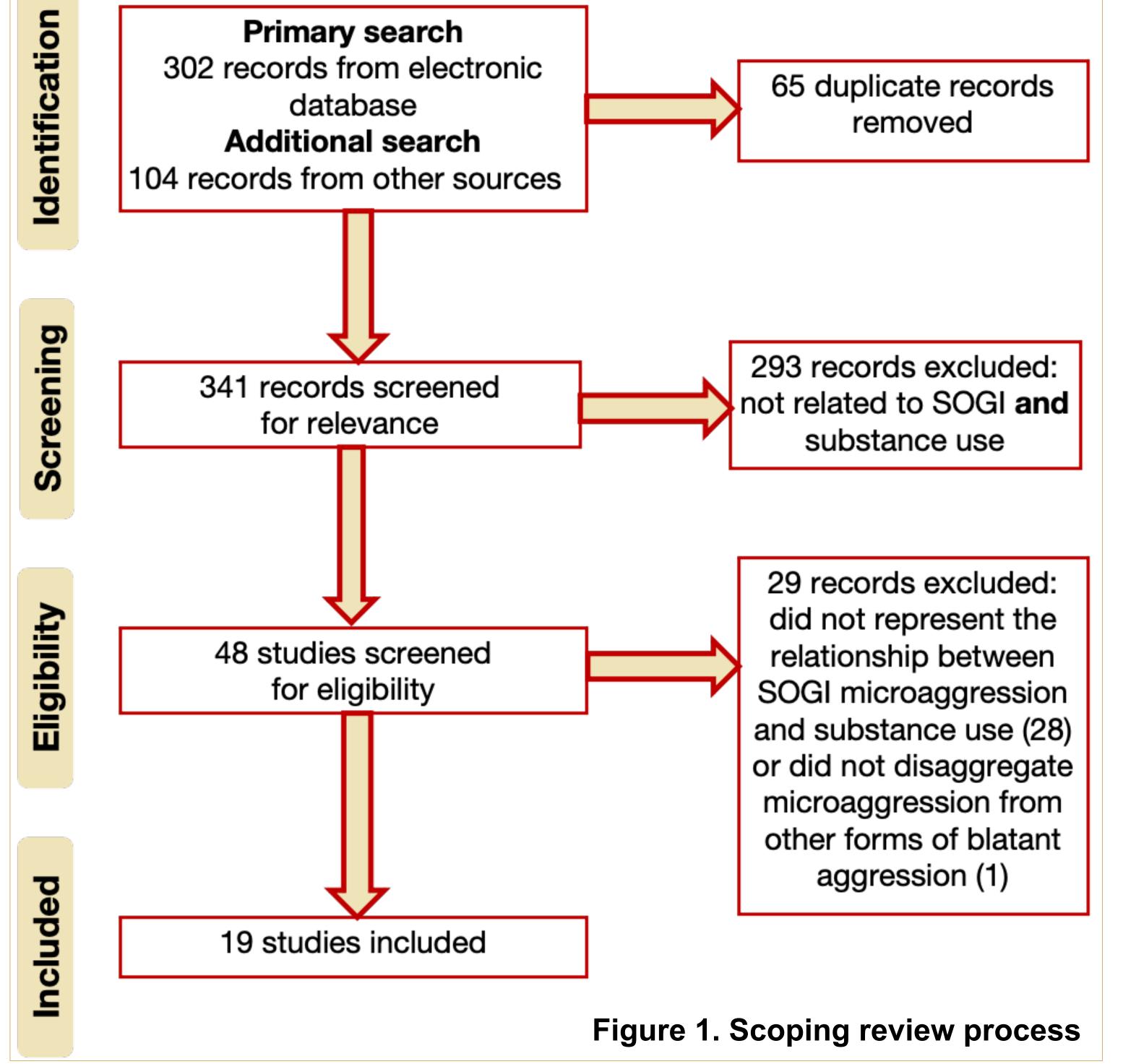
Examines the nature and magnitude of association between SOGI microaggression and substance use outcomes, as well as the intermediary factors in this association

#### METHOD

- Used SCOPING REVIEW design<sup>16-17</sup>
- Guided by the ScR-PRISMA process
- Literature searches conducted via database aggregators: Scopus and EBSCO
- Collaborative review process
- Conflicts resolved through consensus
- Yielded total of 19 eligible studies 13-14, 18-34

#### Inclusion/Exclusion Criteria

- ✓ With sexual and/or gender diverse participants
- ✓ SOGI microaggression was a predictor or independent variable (either explicitly articulated or measured using a SOGI microaggression scale
- ✓ substance use was an outcome variable or a mediator between SOGI microaggression and another outcome
- ✓ Used SOGI Microaggression measure Non-SOGI related microaggression Microaggression not disaggregated from blatant violence

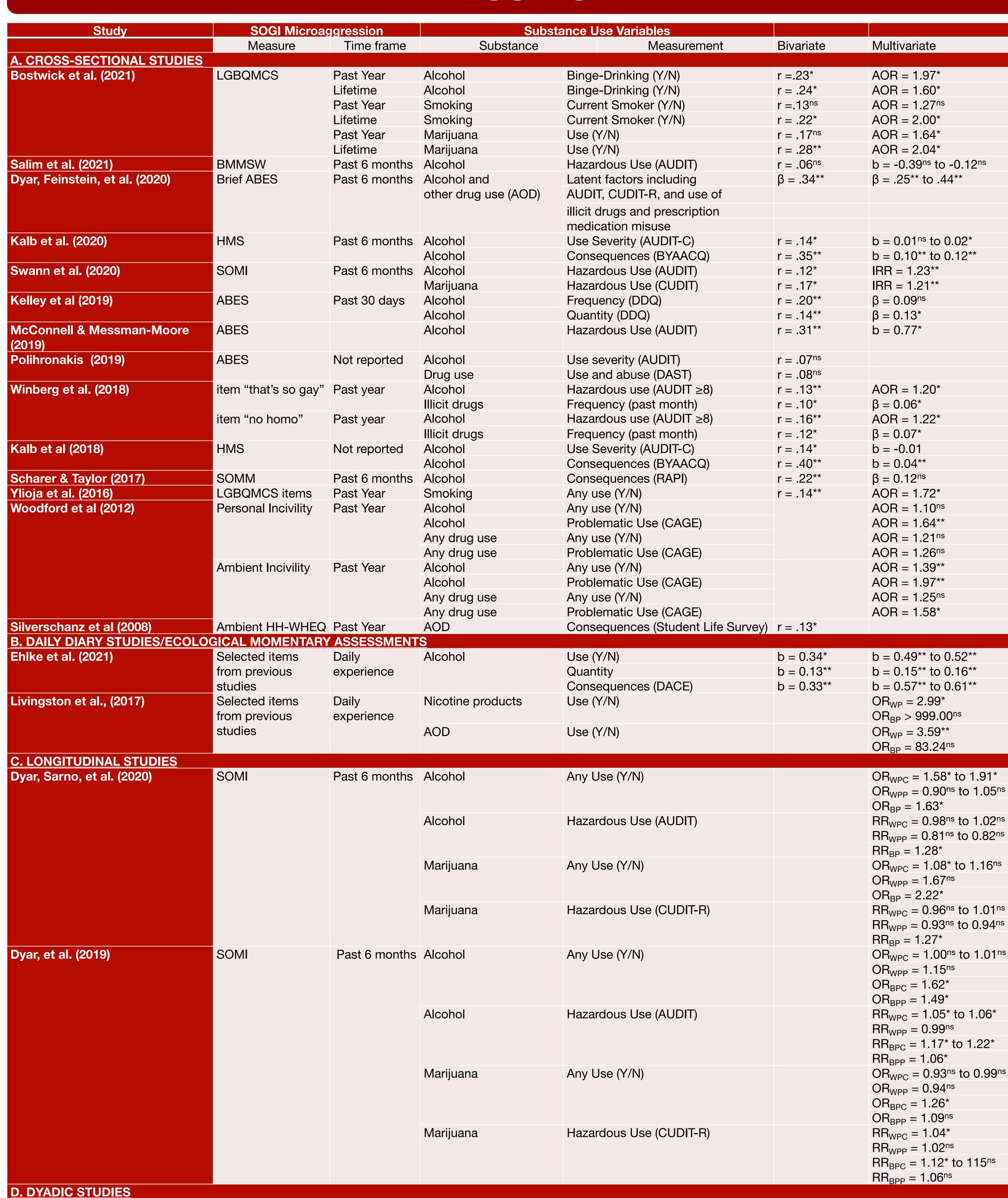


SOGI microaggression experience has positive relationship with alcohol use outcomes and alcohol consequences, even when accounting for socio-demographic and personal variables. The relationship is influenced (moderated or mediated) by motivational, relational, and identity processes.

#### **FUTURE DIRECTIONS**

- need to explore link between SOGI microaggression and other substances
- increase representation of TGNC/NB/Gender diverse individuals
- continuously (re)examine the role of SOGI microaggression and other minority stress processes in addiction sciences
- aim at reducing health disparities among sexual and gender diverse populations

## RESULTS



NOTE: \*p < .05; \*\*p < .01; \*\*s = not significant; r = correlation coefficient; b = unstandardized coefficient; β = standardized coefficient; AOR = adjusted odds ratio; OR = odds ratio; OR = within-person level odds ratio; OR = within-person level odds ratio; OR = within-person prospective odds ratio; OR = not significant; r = correlation coefficient; b = unstandardized coefficient; β = standardized coefficient; AOR = adjusted odds ratio; OR = odds ratio; OR = within-person level odds ratio; OR = not significant; r = correlation coefficient; b = unstandardized coefficient; β = standardized coefficient; AOR = adjusted odds ratio; OR = odds ratio; OR = within-person level odds ratio; OR = not significant; r = correlation coefficient; b = unstandardized coefficient; AOR = adjusted odds ratio; OR = odds ratio; OR = odds ratio; OR = not significant; r = correlation coefficient; b = unstandardized coefficient; AOR = adjusted odds ratio; OR = odds ratio; OR = odds ratio; OR = not significant; r = correlation coefficient; b = unstandardized coefficient; AOR = adjusted odds ratio; OR = odds ratio; OR = not significant; r = correlation coefficient; aOR = not significant; r = correlation coefficient; aOR = not significant; r = correlation coefficient; aOR = not significant; r = correlation concurrent rate ratio; RR = rate

Marijuana

Past 6 months Alcohol

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Hazardous Use (AUDIT)

Hazardous Use (CUDIT-R)

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 $b = -0.07^{ns}$  to  $0.21^{ns}$ 

 $b = -0.04^{ns}$  to  $0.06^{ns}$