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Background

- Black gay, bisexual, and other sexual and gender minorities (SGM) face many stressors including but not limited to:
 - racial minority stress (e.g., race-related housing and job discrimination, racism within and outside the LGBTQ+ community)
 - sexual minority stress as well (e.g., sexual minority-related discrimination, SM-related violence, homophobia).
- There is evidence to suggest cannabis use is linked to stress, therefore, assessing multi-level stressors may yield novel insights into the broader determinants of health that contribute to cannabis use.
- Multilevel stress encompasses individual (e.g., socioeconomic status, demographics), interpersonal (e.g., discrimination), community (e.g., safe spaces) and structural (e.g., neighborhood conditions) factors that may further contribute to health inequities in the Black SGM community.

Methods

- Cross-sectional data from a Chicago-based cohort of Black men and Black transgender women aged 16-35 years were collected from October 2022 to February 2023 (N=553)
- Correlates were chosen based on the SGM framework; Participants self-reported multilevel stressors including age, gender, income, employment, mental health, discrimination, violence, incarceration, neighborhood access and safety
- Based on established cut-offs, the revised Cannabis Use Disorders Identification Test (CUDIT-R) identified:
 - non-hazardous use
 - hazardous use,
 - possible cannabis use disorder
- Bivariate analyses and regression models were used to examine the correlates associated with cannabis use.

Multilevel Stressors are Associated with Cannabis Use in Young Black Men and Black Transgender Women in Chicago: The Neighborhoods and Networks (N2) Cohort Study



