



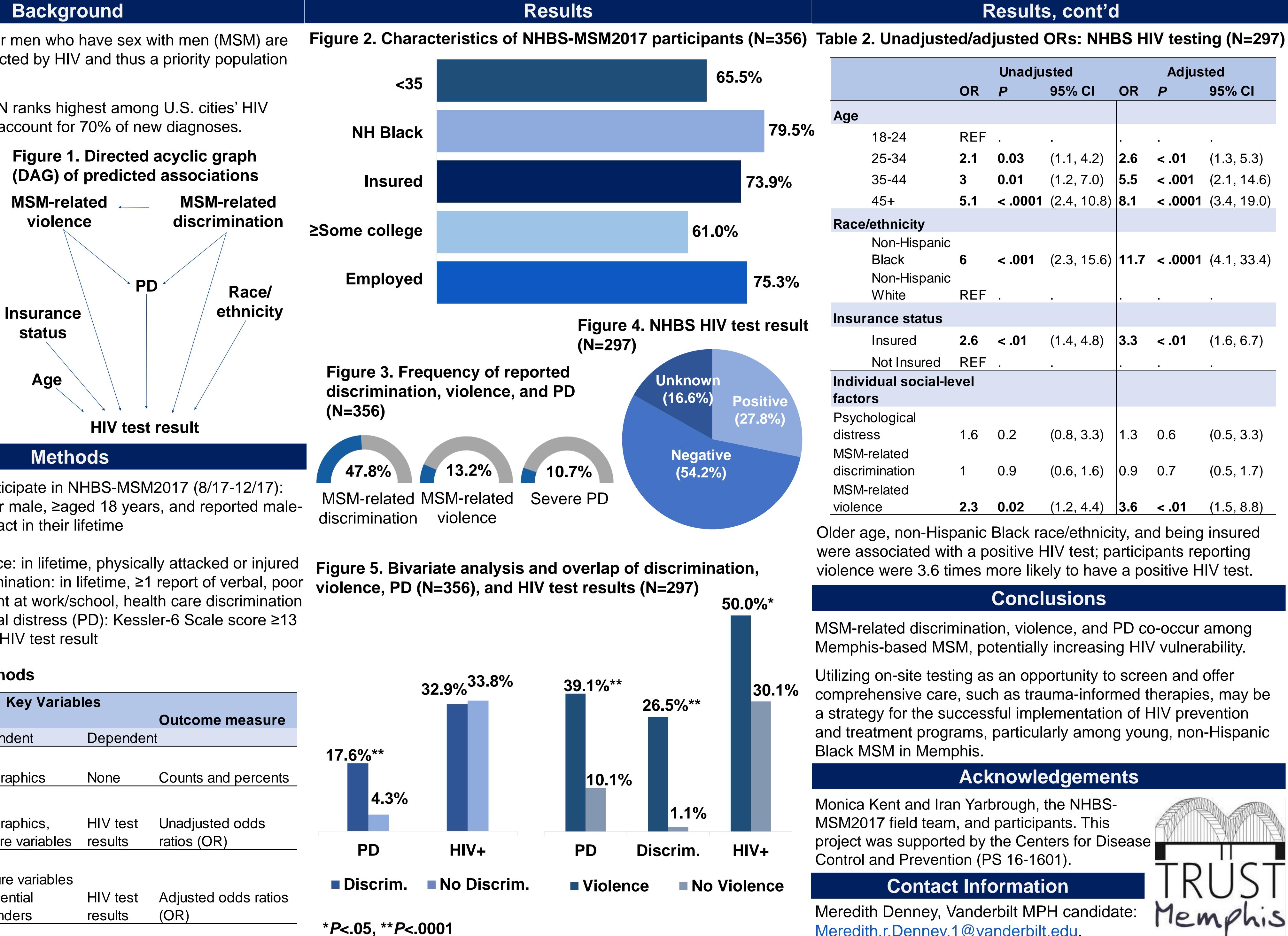


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Gay, bisexual, and other men who have sex with men (MSM) are disproportionately impacted by HIV and thus a priority population for prevention services.

Each year, Memphis, TN ranks highest among U.S. cities' HIV diagnoses rates; MSM account for 70% of new diagnoses.

MSM-related discrimination, MSMrelated violence, and severe psychological distress may influence engagement with HIV prevention services, which was assessed via analysis of 2017 National HIV Behavioral Surveillance (NHBS) data for Memphisbased MSM.



Eligibility criteria to participate in NHBS-MSM2017 (8/17-12/17): Identify as cisgender male, \geq aged 18 years, and reported maleto-male sexual contact in their lifetime

Key variables:

- MSM-related violence: in lifetime, physically attacked or injured
- MSM-related discrimination: in lifetime, ≥1 report of verbal, poor service, mistreatment at work/school, health care discrimination
- Severe psychological distress (PD): Kessler-6 Scale score ≥13
- NHBS on-site rapid HIV test result

Table 1. Analytic methods

	Key Variables			
Analysis			Outcom	
	Independent	Dependent		
Descriptive				
statistics	Demographics	None	Counts a	
Bivariate	Demographics,	HIV test	Unadjus	
analysis	exposure variables	results	ratios (C	
Multivariable	Exposure variables			
logistic	and potential	HIV test	Adjusted	
regressions	confounders	results	(OR)	

Violence, discrimination, psychological distress, and HIV vulnerability among men who have sex with men in Memphis, TN

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Results, cont'd

	Unadju	sted	Adjusted		
R	Ρ	95% CI	OR	Ρ	95% CI
EF	-			•	•
1	0.03	(1.1, 4.2)	2.6	< .01	(1.3, 5.3)
	0.01	(1.2, 7.0)	5.5	< .001	(2.1, 14.6)
1	< .0001	(2.4, 10.8)	8.1	< .0001	(3.4, 19.0)
	< .001	(2.3, 15.6)	11.7	< .0001	(4.1, 33.4)
EF					
6 EF	< .01	(1.4, 4.8)	3.3	< .01	(1.6, 6.7)
<u> </u>	_	_			
6	0.2	(0.8, 3.3)	1.3	0.6	(0.5, 3.3)
	0.9	(0.8, 3.3) (0.6, 1.6) (1.2, 4.4)	0.9	0.7	(0.5, 1.7)
3	0.02	(1.2, 4.4)	3.6	< .01	(1.5, 8.8)

Older age, non-Hispanic Black race/ethnicity, and being insured were associated with a positive HIV test; participants reporting violence were 3.6 times more likely to have a positive HIV test.

Conclusions

MSM-related discrimination, violence, and PD co-occur among Memphis-based MSM, potentially increasing HIV vulnerability.

Utilizing on-site testing as an opportunity to screen and offer comprehensive care, such as trauma-informed therapies, may be a strategy for the successful implementation of HIV prevention and treatment programs, particularly among young, non-Hispanic

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