

Table 2. Bivariable linear regression results of average change in degree between 12 months and 0 months prior to survey date using the retrospective method for main and casual sexual partnerships of male participants (N = 4,904) in the ARTnet study (2017–2019)

	Main Partnerships			Casual Partnerships		
	Estimate	95% CI	F-Test P-value	Estimate	95% CI	F-Test P-value
Number of Male Partners^a			<0.01			<0.01
Intercept (≤ 5 Partners)	-0.06	-0.07, -0.04		0.06	0.03, 0.09	
> 5	-0.04	-0.07, -0.02		-0.41	-0.46, -0.36	
Race/Ethnicity			0.05			0.16
Intercept (Black)	-0.02	-0.07, 0.02		-0.01	-0.11, 0.10	
Hispanic	-0.08	-0.13, -0.02		-0.07	-0.20, 0.04	
Other	-0.04	-0.10, 0.01		-0.09	-0.22, 0.04	
White	-0.05	-0.10, -0.01		-0.11	-0.23, 0.01	
Age (continuous)	0.003	0.002, 0.004	<0.01	-0.003	-0.005, -0.001	<0.01
Age Category			<0.01			<0.01
Intercept (15-24 years)	-0.15	-0.17, -0.13		-0.03	-0.08, 0.01	
25-34 years	0.09	0.06, 0.12		-0.07	-0.14, -0.01	
35-44 years	0.09	0.05, 0.12		-0.10	-0.18, -0.02	
45-54 years	0.11	0.08, 0.15		-0.15	-0.23, -0.07	
55-65 years	0.13	0.09, 0.16		-0.11	-0.19, -0.03	
Census Region			0.28			0.15
Intercept (Northeast)	-0.06	-0.08, -0.03		-0.14	-0.20, -0.08	
Midwest	-0.03	-0.07, 0.00		0.07	-0.01, 0.15	
South	-0.02	-0.05, 0.01		0.05	-0.02, 0.12	
West	-0.02	-0.05, 0.02		0.00	-0.08, 0.07	
Highest Level of Education			<0.01			<0.01
Intercept (High school or below)	-0.12	-0.15, -0.09		-0.06	-0.13, 0.01	
Some college	0.05	0.01, 0.08		0.03	-0.05, 0.11	
College and above	0.06	0.03, 0.09		-0.11	-0.18, -0.03	
Annual Household Income			0.44			<0.01
Intercept (\$0 to \$19,999)	-0.08	-0.11, -0.05		-0.01	-0.08, 0.05	
\$20,000 to \$39,999	0.00	-0.04, 0.04		-0.08	-0.17, 0.01	
\$40,000 to \$74,999	0.00	-0.04, 0.04		-0.07	-0.15, 0.02	
\$75,000 or more	0.02	-0.02, 0.05		-0.16	-0.24, -0.08	

^a The ARTnet survey allows participants to report details such as dates of first and last sex on up to 5 of the most recent sexual male partners within the past 12 months of taking the survey. Participants are also asked about the total number of male sexual partners they have had within the past 12 months but do not report details used to calculate mean degree on all of these partners.