

Table 1

*Demographic Characteristics and Descriptive Statistics by Race Group*

	Total (n=448)		Latino (n=264)		Black (n=94)		MRE (n=90)	
	M [SD]	n [%]	M [SD]	n [%]	M [SD]	n [%]	M [SD]	n [%]
<i>Covariates</i>								
Age	22.30 [2.02]	-	22.09 [2.02]	-	22.79 [1.96]	-	22.40 [2.00]	-
Internalized Homophobia	1.65 [0.71]	-	1.60 [0.70]	-	1.79 [0.79]	-	1.66 [0.65]	-
Individuals living with HIV	-	51 [11.4]	-	25 [9.5]	-	17 [12.3]	-	9 [10.1]
Gay	-	336 [75.0]	-	200 [75.8]	-	67 [71.3]	-	69 [76.7]
Bisexual	-	74 [16.5]	-	46 [17.4]	-	16 [17.2]	-	12 [13.5]
Other Sexuality	-	38 [8.5]	-	18 [6.8]	-	11 [11.8]	-	9 [10.1]
Sex Exchange	-	69 [15.4]	-	39 [14.8]	-	15 [16.1]	-	15 [16.7]
<i>Stressful Life Events</i>								
Stress Total	7.32 [4.22]	436 [97.3]	7.01 [3.77]	260 [98.5]	7.43 [4.47]	88 [94.6]	8.13 [4.98]	86 [96.6]
Stress Severity	6.43 [1.86]	-	6.39 [1.85]	-	6.45 [1.84]	-	5.54 [1.90]	-
<i>Discrimination</i>								
Sexualized Racism	0.83 [0.73]	369 [82.4]	0.67 [0.61]	211 [79.9]	1.11 [0.82]	81 [87.1]	1.02 [0.83]	76 [85.4]
Institutional Racism	0.47 [0.58]	284 [63.4]	0.34 [0.41]	156 [59.1]	0.73 [0.71]	70 [75.3]	0.60 [0.70]	56 [62.9]
Harassment Homophobia	0.16 [0.35]	111 [24.6]	0.14 [0.33]	63 [23.9]	0.13 [0.31]	20 [21.5]	0.21 [0.44]	25 [28.1]
Shaming Homophobia	0.76 [0.71]	327 [73.0]	0.79 [0.70]	194 [73.5]	0.78 [0.71]	68 [35.8]	0.73 [0.75]	63 [70.8]
<i>6-month Substance Use</i>								
Alcohol	-	392 [87.5]	-	234 [88.6]	-	80 [85.1]	-	78 [86.7]
Marijuana	-	321 [71.7]	-	184 [69.7]	-	79 [84.0]	-	58 [64.4]
Tobacco	-	204 [45.5]	-	120 [45.5]	-	38 [40.4]	-	46 [51.1]
Cocaine	-	85 [19.0]	-	51 [19.3]	-	18 [19.2]	-	16 [17.8]
Poppers	-	114 [28.9]	-	83 [31.4]	-	14 [14.9]	-	17 [18.9]
Other Drugs	-	138 [30.8]	-	83 [31.4]	-	29 [30.9]	-	26 [28.9]
<i>Lifetime Substance Use</i>								
Tobacco	-	121 [27.0]	-	76 [28.8]	-	26 [27.7]	-	19 [21.1]
Cocaine	-	64 [14.3]	-	39 [14.8]	-	12 [12.8]	-	13 [14.4]
Poppers	-	77 [17.2]	-	43 [16.3]	-	14 [14.9]	-	20 [22.2]
Other Drugs	-	90 [20.1]	-	58 [22.0]	-	13 [13.8]	-	19 [21.1]

Note. MRE=Multi-racial/ethnic.

Table 2

*Correlation Matrix of Stress and Discrimination Variables*

	1	2	3	4	5	6
1 Stress Total	1.000	<b>0.224</b>	<b>0.320</b>	<b>0.263</b>	<b>0.181</b>	<b>0.314</b>
2 Stress Severity	-	1.000	<b>0.115</b>	0.074	0.034	<b>0.124</b>
3 Sexualized Racism	-	-	1.000	<b>0.529</b>	<b>0.209</b>	<b>0.270</b>
4 Institutional Racism	-	-	-	1.000	<b>0.446</b>	<b>0.244</b>
5 Harassment Homophobia	-	-	-	-	1.000	<b>0.304</b>
6 Shaming Homophobia	-	-	-	-	-	1.000

Note. Bold-face indicates p<0.05.

**Table 3**  
*Effects of Stress and Discrimination on Alcohol and Marijuana  
 Prevalence Rates*

	Alcohol		Marijuana	
	PR	PR	PR	PR
<i>Intercept</i>	0.878	0.886	0.675	0.676
<i>Covariates</i>				
Black	0.954	0.960	<b>1.158</b>	<b>1.203</b>
MRE	0.975	0.974	0.937	0.926
Age	<b>1.069</b>	<b>1.069</b>	1.041	1.036
IHP	0.992	0.996	0.987	0.989
HIV Status (+)	0.970	0.974	1.012	1.005
Bisexual	1.052	1.046	1.036	1.033
Other Sexuality	0.951	0.944	1.076	1.08
Sex Exchange	1.058	1.053	<b>1.152</b>	1.15
<i>Stressful Life Events</i>				
Stress Total	<b>1.047</b>	1.045	<b>1.077</b>	1.084
Stress Severity	0.975	0.993	1.017	1.063
<i>Discrimination</i>				
Sexualized Racism	0.973	0.972	1.006	1.034
Institutional Racism	1.021	1.050	1.014	1.02
Harassment Homophobia	0.981	0.974	0.925	0.889
Shaming Homophobia	1.000	0.995	<b>0.918</b>	0.898
<i>Moderation</i>				
Stress Total*Black		1.018		0.971
Stress Total*MRE		1.005		1.008
Stress Severity*Black		0.972		1.101
Stress Severity*MRE		1.938		0.903
Sexualized*Black		1.085		0.971
Sexualized*MRE		1.011		0.953
Institutional*Black		0.994		0.943
Institutional*MRE		0.956		1.105
Harassment*Black		1.085		1.101
Harassment*MRE		0.974		1.044
Shaming*Black		0.964		1.012
Shaming*MRE		1.034		0.903

Note. Bold-faced type indicates p<0.05. PR=prevalence rate; IHP=internalized homophobia; MRE=multi-racial/ethnic. Model reference group: 0=no use and lifetime use combined.

Table 4

Effects of Stress and Discrimination on Tobacco, Cocaine, Poppers, and Other Drug Use Prevalence Rates

	Tobacco			Cocaine			Poppers			Other Drugs		
	1 PR	2 PR	3 PR	1 <sup>1</sup> PR	2 PR	3 PR	1 PR	2 PR	3 PR	1 PR	2 PR	3 PR
<i>Intercept</i>	0.567	0.558	0.503	0.129	0.175	0.514	0.233	0.304	0.602	0.301	0.345	0.497
<i>Covariates</i>												
Black	0.837	0.894	1.028	0.423	0.782	1.102	<b>0.500</b>	<b>0.323</b>	0.710	<b>0.264</b>	0.712	1.263
MRE	0.753	1.046	1.234	0.599	0.684	0.955	0.789	0.620	0.713	0.754	0.749	0.985
Age	<b>1.172</b>	1.059	0.954	<b>1.389</b>	<b>1.321</b>	0.961	<b>1.635</b>	<b>1.310</b>	1.000	<b>1.360</b>	<b>1.231</b>	0.972
IHP	1.029	0.950	0.937	1.090	0.933	0.875	0.976	0.994	1.003	0.925	1.018	1.019
YLWH	0.944	1.079	1.134	1.782	1.395	0.931	1.309	<b>1.798</b>	1.214	1.251	<b>1.548</b>	1.175
Bisexual	0.813	1.003	1.188	1.599	0.993	0.799	0.878	0.644	0.897	1.202	0.960	1.013
Other Sexuality	1.318	1.249	1.103	<b>1.847</b>	1.021	0.616	1.240	1.061	0.819	0.940	1.185	1.410
Sex Exchange	0.820	<b>1.311</b>	<b>1.329</b>	1.744	<b>2.095</b>	1.141	1.338	<b>1.892</b>	1.278	1.279	<b>1.587</b>	1.246
<i>Stressful Life Events</i>												
Stress Total	1.126	<b>1.162</b>	1.062	<b>1.459</b>	<b>1.334</b>	1.103	1.176	<b>1.326</b>	1.113	1.146	<b>1.312</b>	1.053
Stress Severity	1.137	<b>1.133</b>	1.024	0.954	0.886	0.947	0.988	1.003	1.000	1.044	0.915	0.917
<i>Discrimination</i>												
Sexualized Racism	1.131	1.060	0.981	0.949	1.005	0.979	0.852	1.046	1.133	0.966	0.879	0.951
Institutional Racism	1.095	<b>0.794</b>	<b>0.786</b>	<b>1.520</b>	0.856	0.728	<b>1.570</b>	0.856	<b>0.769</b>	<b>1.413</b>	1.069	0.828
Harassment Homophobia	0.896	1.085	<b>1.111</b>	0.992	0.872	0.792	0.864	0.956	1.026	0.889	1.125	1.100
Shaming Homophobia	<b>0.798</b>	<b>0.835</b>	0.966	<b>0.658</b>	0.975	1.128	0.723	0.869	0.998	0.871	0.920	1.064
<i>Moderation</i>												
Stress Total*Black	0.937	0.794	0.776	1.313	0.848	0.867	0.844	0.736	0.727	1.155	0.898	0.908
Stress Total*MRE	0.884	0.941	1.012	1.395	1.374	0.701	1.048	0.744	<b>0.622</b>	1.088	1.018	1.013
Stress Severity*Black	0.816	0.844	1.012	1.315	0.898	<b>0.600</b>	0.781	0.996	1.434	0.764	0.890	1.077
Stress Severity*MRE	<b>0.611</b>	<b>0.711</b>	0.988	<b>0.577</b>	0.901	<b>1.910</b>	1.064	0.853	0.796	0.914	0.878	0.956
Sexualized*Black	0.851	0.896	1.075	1.803	1.105	0.804	1.484	<b>1.917</b>	1.101	<b>2.348</b>	1.238	0.799
Sexualized*MRE	1.052	0.887	1.030	0.895	0.800	1.061	1.531	1.208	0.751	<b>1.495</b>	1.279	0.861
Institutional*Black	0.824	1.307	<b>1.353</b>	<b>0.377</b>	1.452	<b>1.980</b>	0.570	0.670	1.084	0.647	0.972	1.250
Institutional*MRE	0.879	<b>1.380</b>	<b>1.360</b>	<b>0.366</b>	1.094	1.706	<b>0.534</b>	1.080	1.288	<b>0.493</b>	0.930	<b>1.486</b>
Harassment*Black	0.958	<b>0.704</b>	0.915	1.221	0.957	0.878	1.294	0.665	0.785	1.390	<b>0.573</b>	<b>0.670</b>
Harassment*MRE	0.799	0.815	0.878	-	1.196	1.408	1.019	0.678	0.978	0.874	0.710	0.904
Shaming*Black	<b>1.521</b>	<b>1.440</b>	1.038	0.628	0.826	1.250	1.327	0.990	0.858	<b>0.480</b>	0.866	1.140
Shaming*MRE	<b>2.194</b>	<b>1.241</b>	0.902	0.941	0.868	0.900	1.327	1.374	<b>1.680</b>	1.076	0.971	0.988

Note. Numbered models indicate 1=lifetime use relative to no use, 2=6-month use relative to no use, and 3=6-month use relative to lifetime use. PR=prevalence rate; IHP=internalized homophobia; MRE=multi-racial/ethnic. Bold-faced type indicates p<0.05. <sup>1</sup>No coefficient was estimable for the interaction between harassment homophobia and MRE status because of naturally occurring zeroes between cross-tabulated cells.

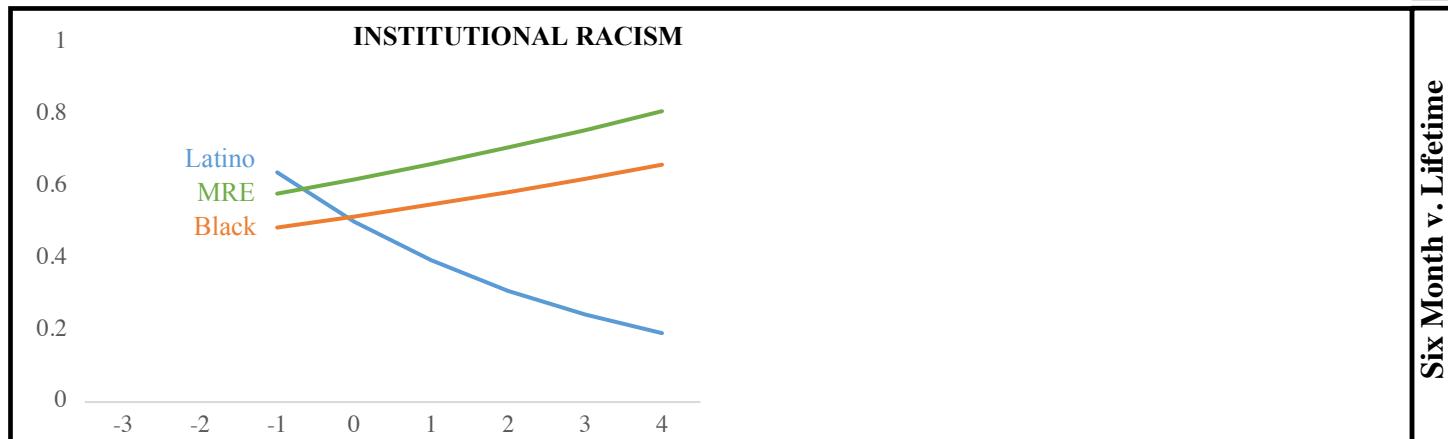
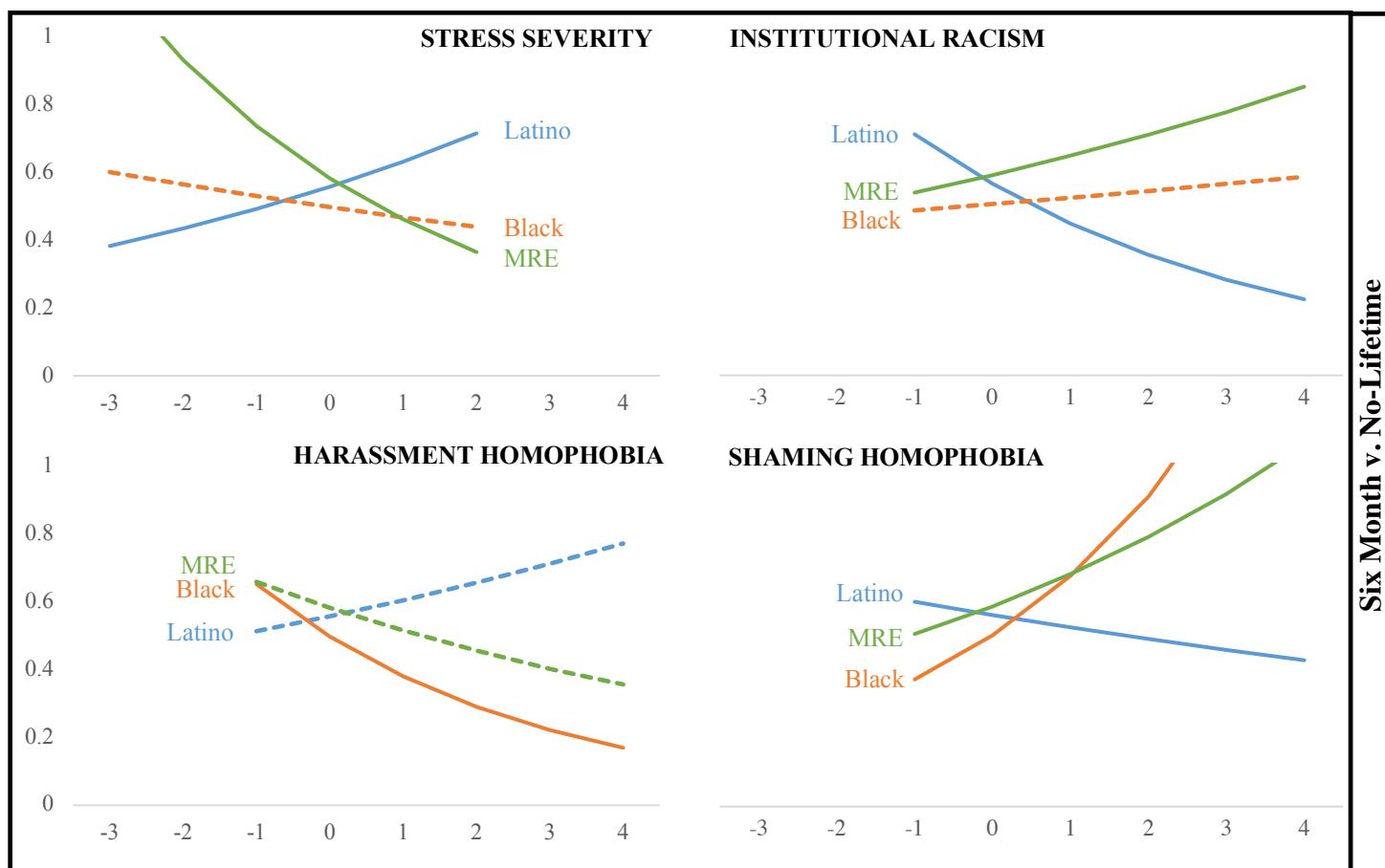
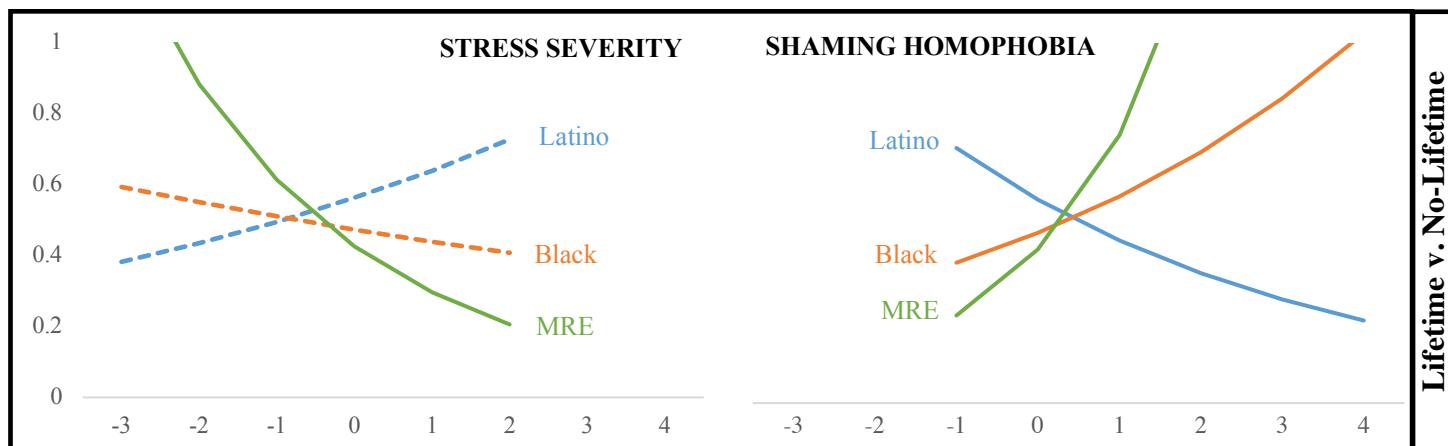
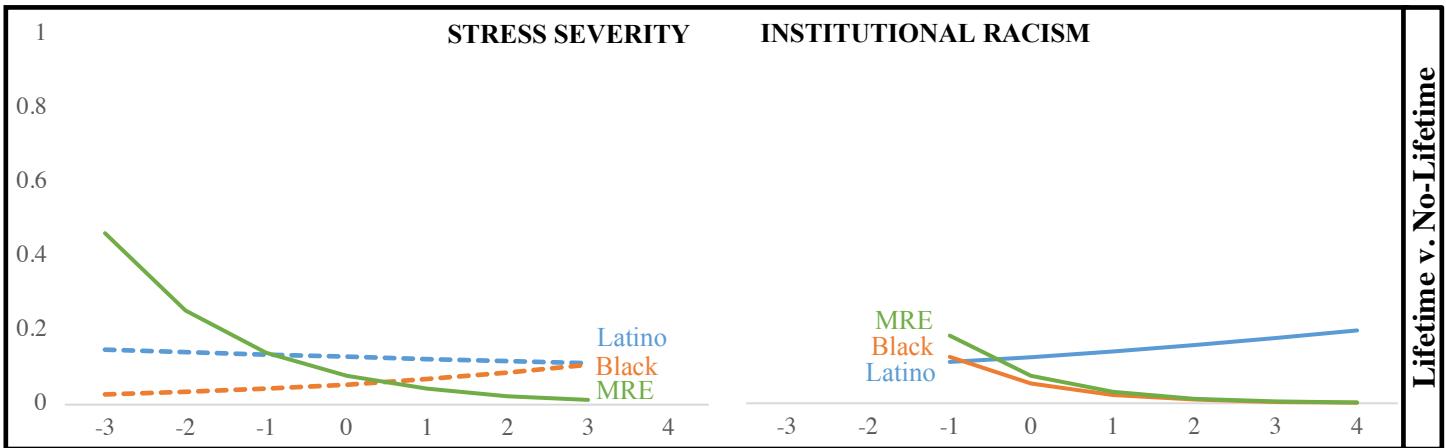


Figure 1. Associations between Discrimination and Tobacco Use Moderated by Race/Ethnicity  
 Dashed lines designate non-significant effects. For Latino lines, a solid line indicates a significant main effect and a dashed line indicated NS main effect. For Black and MRE lines, a solid line indicates a significant interaction between discrimination and race/ethnicity.



**Six Month v. No-Lifetime.** No significant moderation effects.

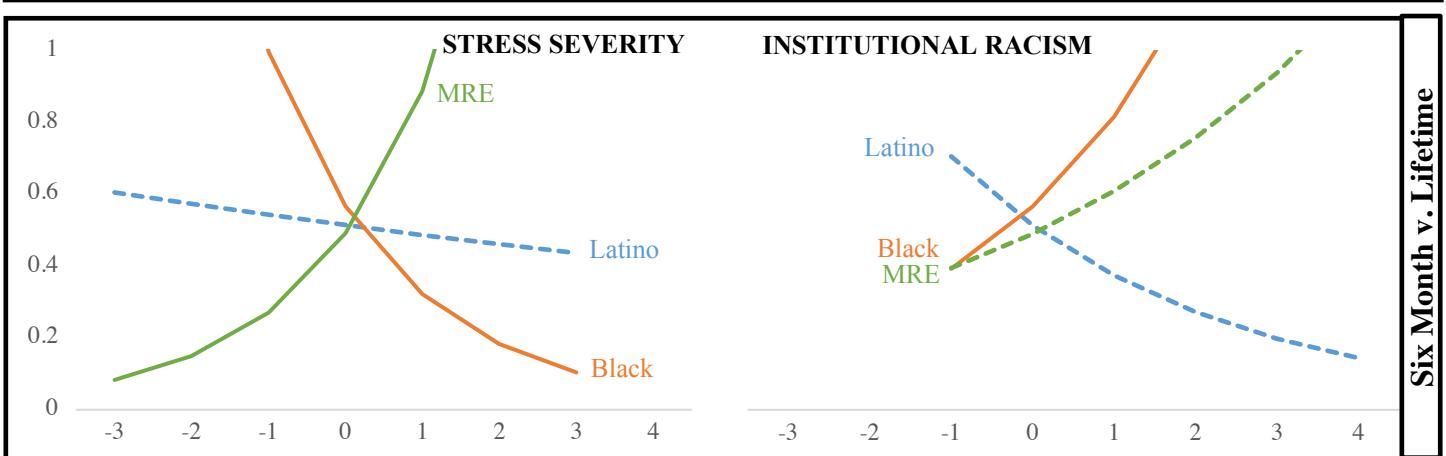
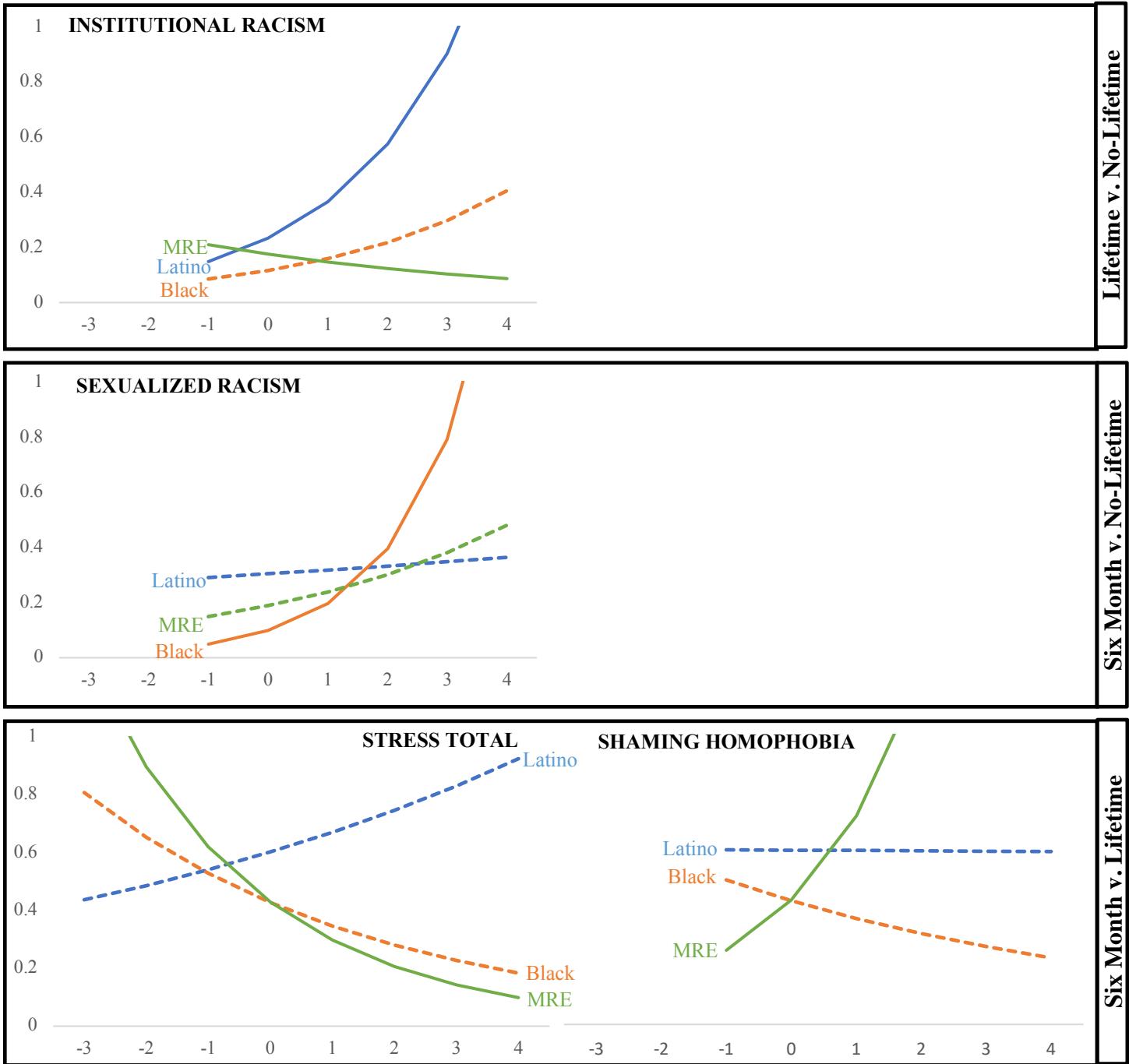
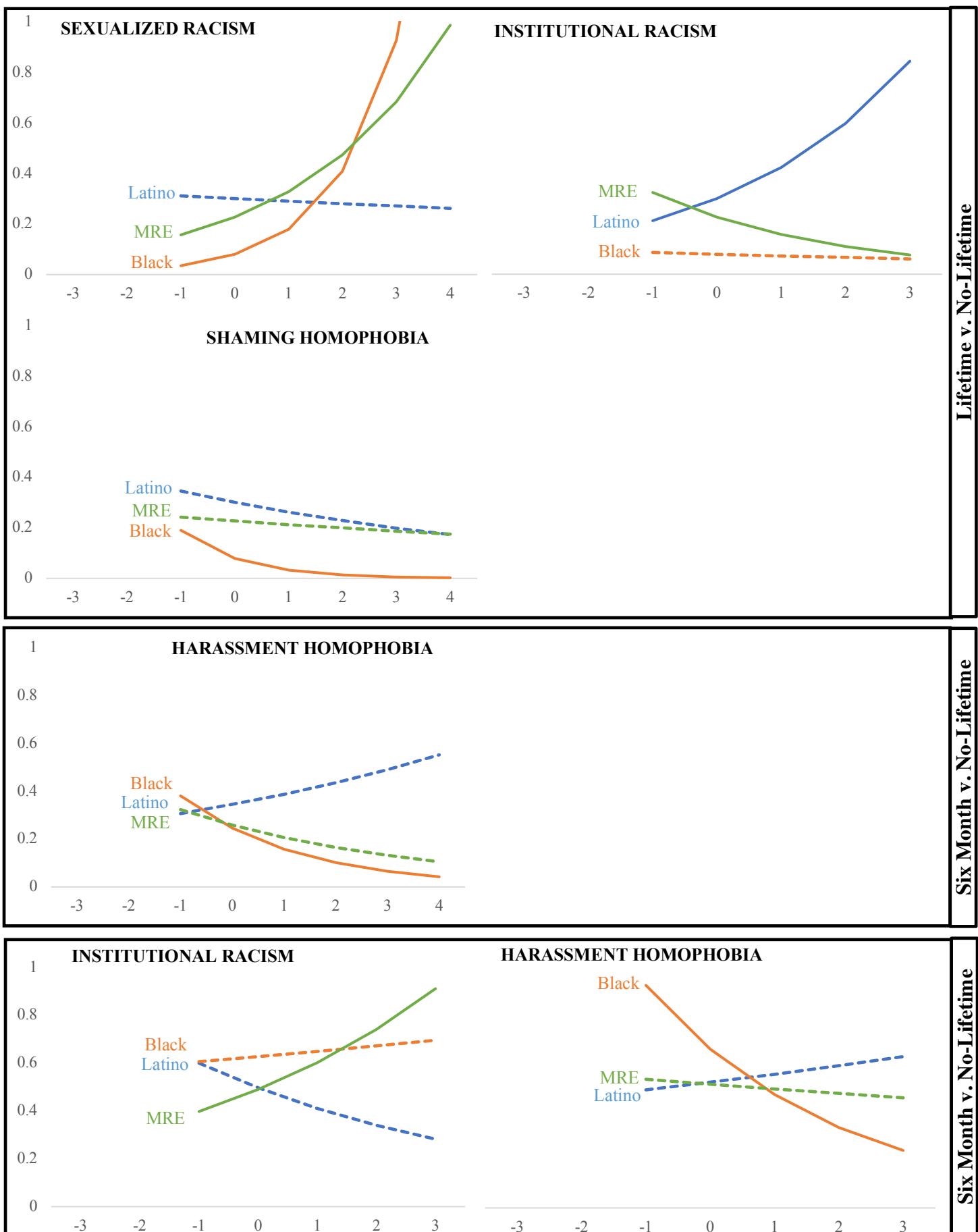


Figure 2. Associations between Discrimination and Cocaine Use Moderated by Race/Ethnicity  
 Dashed lines designate non-significant effects. For Latino lines, a solid line indicates a significant main effect and a dashed line indicated NS main effect. For Black and MRE lines, a solid line indicates a significant interaction between discrimination and race/ethnicity.



**Figure 3. Associations between Discrimination and Poppers Use Moderated by Race/Ethnicity**  
 Dashed lines designate non-significant effects. For Latino lines, a solid line indicates a significant main effect and a dashed line indicated NS main effect. For Black and MRE lines, a solid line indicates a significant interaction between discrimination and race/ethnicity.



**Figure 4. Associations between Discrimination and Other Drug Use Moderated by Race/Ethnicity**  
Dashed lines designate non-significant effects. For Latino lines, a solid line indicates a significant main effect and a dashed line indicated NS main effect. For Black and MRE lines, a solid line indicates a significant interaction between discrimination and race/ethnicity.