

Sexual Minority Stressors in Monozygotic Twins Discordant for Sexual Minority Status

SUPPLEMENTAL MATERIAL

The following tables (S1-S2) report on the study's inferential statistics when rerun with only the data from the 21 twin pairs in which the heterosexual twin reported exclusive opposite-sex sexual attractions, romantic infatuations, romantic attachments and no same-sex sexual partners.

Online Table S1

Results of Wilcoxon Signed-Rank Tests with Quartiles Comparing Exclusively Heterosexual Twins with LGB Co-Twins (n = 21 Pairs)

Variable	Heterosexual Twins			LGB Twins			Wilcoxon Signed-Rank Test		
	Q1	Med	Q3	Q1	Med	Q3	<i>z</i>	<i>r</i>	<i>p</i>
Anxiety/Depression (PHQ-ADS)									
Whole Group	6.00	16.00	22.50	6.00	14.00	26.40	-.69	.10	.493
Male Twins (<i>n</i> = 7)	2.00	8.00	25.00	4.00	16.00	35.00	-1.19	.29	.236

Female Twins ($n = 14$)	6.00	16.50	22.25	6.75	13.00	22.20	-.18	.03	.861
ONS-Wellbeing	6.13	7.75	8.13	5.50	7.25	8.13	-.39	.06	.695
Rumination									
Whole Group	1.60	2.20	2.40	1.60	2.40	3.00	-2.65	.40	.008
Male Twins ($n = 7$)	1.00	1.80	3.00	1.40	2.60	3.40	-1.69	.45	.090
Female Twins ($n = 14$)	1.60	2.20	2.40	1.75	2.40	3.00	-2.11	.40	.035
Proximal Stressors									
Acceptance Concerns	1.00	1.00	1.50	2.00	3.00	4.50	-3.55	.55	<.001
Vigilance for Others' Suspicions	1.00	1.00	1.00	1.00	2.33	3.33	-3.37	.52	<.001
Active Concealment	1.00	1.00	1.10	1.00	1.40	2.20	-2.74	.42	.006
Self-Stigma	1.00	1.00	1.00	1.20	1.60	2.30	-3.74	.58	<.001
Outness	4.00	4.00	4.00	3.00	3.80	4.00	-3.07	.47	.002

Prejudice Events

General Prejudice Events ^a	1.00	1.00	1.13	1.09	1.43	2.20	-3.15	.49	.002
Microaggressions	1.00	1.00	1.22	1.56	2.33	3.39	-4.02	.62	<.001
Victimization ^b	.00	.00	.00	.14	.43	1.14	-2.50	.41	.012
Childhood Gender Nonconformity	1.65	2.00	2.60	2.32	3.10	3.75	-3.33	.51	<.001

Note. PHQ-ADS = Patient Health Questionnaire Anxiety and Depression Scale, ONS-Wellbeing = U.K. Office for National Statistics Well-Being Scale, HHRDS = Heterosexist Harassment, Rejection and Discrimination Scale.

Med = Median, Q1 = First Quartile, Q3 = Third Quartile,

^a $n = 20$ pairs due to missing data.

^b $n = 19$ pairs due to missing data.

Online Table S2

Spearman Correlations for Rumination Difference Scores for Exclusively Heterosexual Twins and LGB Co-Twins, Psychological Distress and Rumination in Exclusively Heterosexual Twin Individuals, and Psychological Distress and Rumination in LGB Co-Twins

Variable	Heterosexual (<i>n</i> = 21)		LGB (<i>n</i> = 21)		Difference Score (<i>n</i> = 21)	
	<i>r_s</i>	95% CI	<i>r_s</i>	95% CI	<i>r_s</i>	95% CI
Rumination						
Acceptance Concerns	.31	-.14-.66	.74	.45-.89	.37	-.07-.69
Self-Stigma	.42	-.01-.72	.57	.18-.80	.34	-.11-.67
Microaggressions	.46	.03-.74	.48	.06-.75	.24	-.22-.61
HHRDS	.38	-.06-.70	.43 ^a	-.02-.74	.16 ^a	-.31-.56
Victimization	.12 ^b	-.36-.54	.12	-.33-.52	.24 ^b	-.23-.63
CGN	.17	-.28-.56	.03	-.41-.45	.18	-.27-.57
Depression and Anxiety (PHQ-ADS)						
Rumination	.78	.53-.91	.89	.74-.95		
Acceptance Concerns	.23	-.23-.60	.61	.24-.82		
Self-Stigma	.32	-.13-.66	.56	.16-.80		
Microaggressions	.36	-.08-.69	.45	.02-.74		
HHRDS	.15	-.30-.55	.47^a	.03-.75		
Victimization	.02 ^b	-.44-.47	.07	-.37-.49		
CGN	.16	-.30-.55	.01	-.43-.44		

Note. PHQ-ADS = Patient Health Questionnaire Anxiety and Depression Scale, HHRDS = Heterosexist Harassment, Rejection and Discrimination Scale, CGN = Childhood Gender Nonconformity.

Significant correlations are bolded.

PHQ-ADS difference scores not calculated as non-significant difference found between LGB and heterosexual twins for this variable.

^a Based on 20 pairs due to missing data.

^b Based on 19 pairs due to missing data.