

EDLD651 Final Project: Discriminatory Experiences, Chronic Strain, Social
Connectedness, and Psychological Wellbeing Among Individuals in Marginalized Sexual
Orientation Groups

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The authors made the following contributions. Maggie Head: Conceptualization,
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Abstract

15 This will be an abstract.

16 *Keywords:* keywords

17 Word count: X

EDLD651 Final Project: Discriminatory Experiences, Chronic Strain, Social
Connectedness, and Psychological Wellbeing Among Individuals in Marginalized Sexual
Orientation Groups

Introduction

Methods

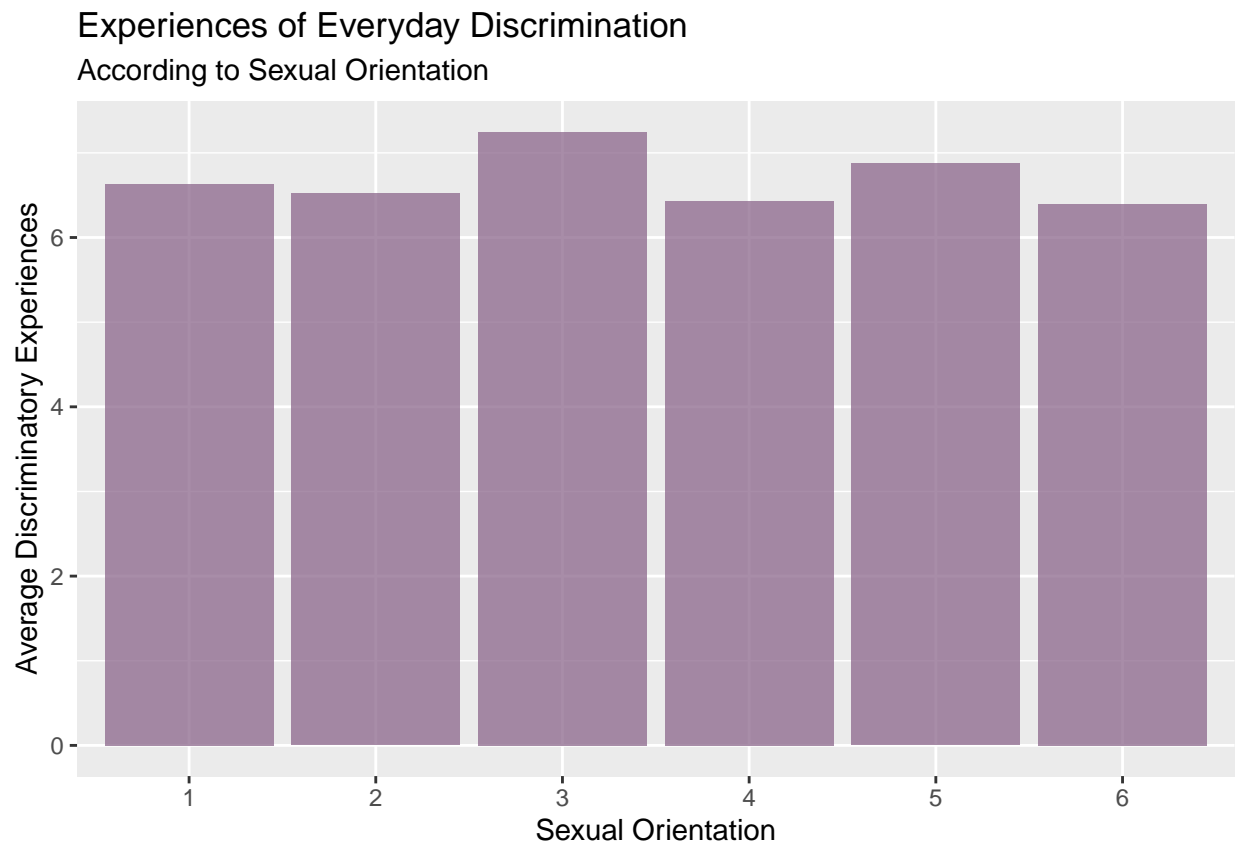
Participants

Material

Procedure

Data analysis

We used R [Version 4.0.3; 12] and the R-packages *apaTables* [Version 2.0.5; 15], *dplyr* [Version 1.0.2; 23], *forcats* [Version 0.5.0; 17], *gdtools* [Version 0.2.2; 6], *ggiraphExtra* [Version 0.3.0; 10], *ggplot2* [Version 3.3.2; 18], *haven* [Version 2.3.1; 22], *janitor* [Version 2.0.1; 5], *knitr* [Version 1.30; 25], *lavaan* [Version 0.6.7; 14, 9], *lavaanPlot* [Version 0.5.1; 9], *lm.beta* [Version 1.5.1; 2], *papaja* [Version 0.1.0.9997; 1], *probemod* [Version 0.2.1; 16], *psych* [Version 2.0.9; 13], *purrr* [Version 0.3.4; 7], *qwraps2* [Version 0.5.0; 4], *readr* [Version 1.3.1; 21], *rio* [Version 0.5.16; 3], *rockchalk* [Version 1.8.144; 8], *stringr* [Version 1.4.0; 19], *tibble* [Version 3.0.4; 11], *tidyr* [Version 1.1.2; 20], and *tidyverse* [Version 1.3.0; 24] for all our analyses. # Results ## Preliminary Analyses



36

stridy (N = 360)	
Everyday Discrimination	
min	0
median	7
max	8
mean (sd)	6.59 ± 1.86
Chronic Strain	
min	1
median	1.67
max	3
mean (sd)	1.71 ± 0.55
Psychological Wellbeing	
min	3

	stridy (N = 360)
median	5.56
max	7
mean (sd)	5.47 \pm 0.79
Social Connectedness	
min	1.38
median	3.38
max	4
mean (sd)	3.29 \pm 0.51

	1 (N = 160)	2 (N = 104)	3 (N = 12)	4 (N = 63)	5 (N = 16)	6 (N = 5)
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Everyday**Discrimination**

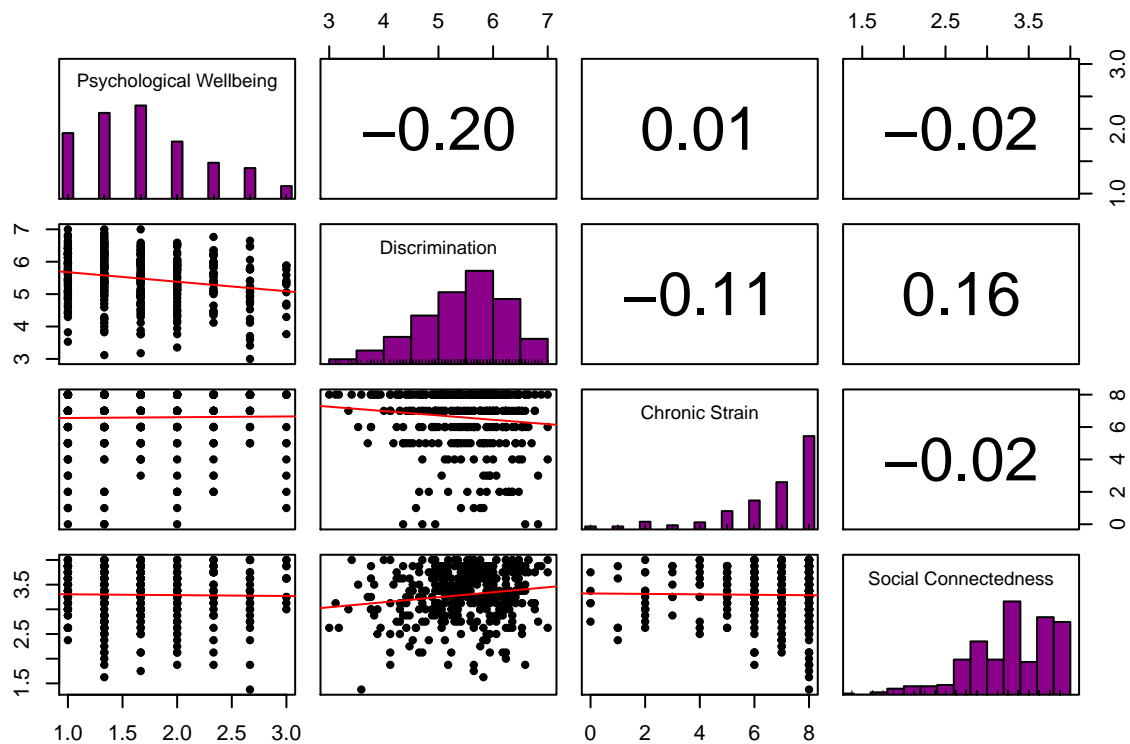
min	0	0	5	0	0	5
median	7	7	7	7	8	6
max	8	8	8	8	8	8
mean (sd)	6.63 \pm 1.72	6.52 \pm 1.99	7.25 \pm 0.87	6.43 \pm 2.13	6.88 \pm 2.03	6.40 \pm 1.14

Chronic**Strain**

min	1	1	1	1	1	1.33
median	1.67	1.67	1.5	2	1.33	2
max	3	3	3	2.67	1.67	2.67
mean (sd)	1.65 \pm 0.53	1.77 \pm 0.58	1.64 \pm 0.61	1.88 \pm 0.51	1.35 \pm 0.26	1.87 \pm 0.56

	1 (N = 160)	2 (N = 104)	3 (N = 12)	4 (N = 63)	5 (N = 16)	6 (N = 5)
Psychological						
Wellbeing						
min	3	3.41	4.29	3.18	3.12	3.88
median	5.62	5.53	6.03	5.24	5.74	5.12
max	7	6.82	7	6.82	6.59	5.76
mean (sd)	5.51 \pm 0.79	5.53 \pm 0.70	5.75 \pm 0.78	5.24 \pm 0.85	5.47 \pm 1.01	4.95 \pm 0.72
Social Con-						
nectedness						
min	1.38	2.12	3.25	1.88	2.62	2.12
median	3.25	3.38	3.44	3.12	3.5	2.75
max	4	4	4	4	3.88	3.75
mean (sd)	3.26 \pm 0.54	3.41 \pm 0.45	3.51 \pm 0.25	3.14 \pm 0.51	3.38 \pm 0.40	2.95 \pm 0.71

37 Primary Analyses



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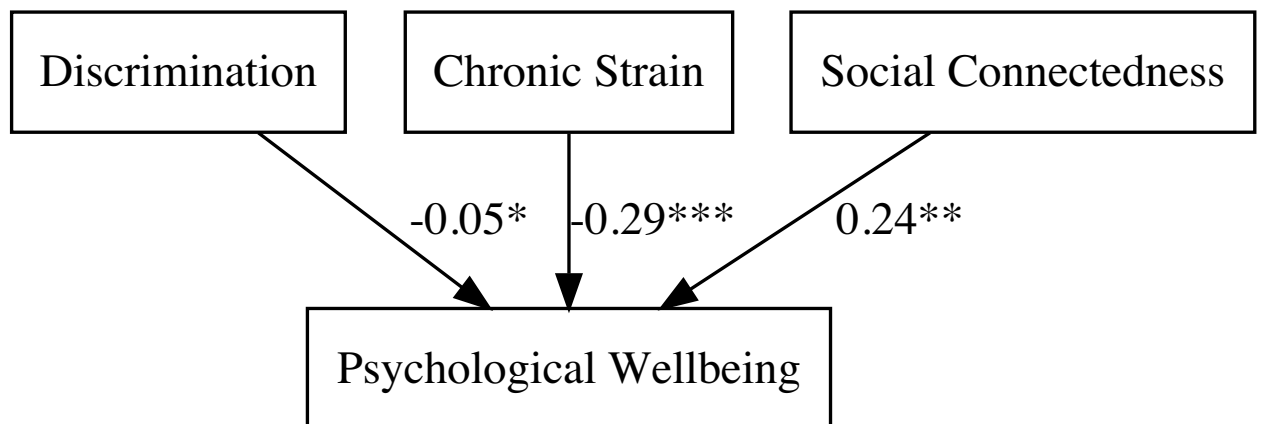
38
39 ## lavaan 0.6-7 ended normally after 14 iterations
40 ##
41 ## Estimator ML
42 ## Optimization method NLMINB
43 ## Number of free parameters 4
44 ##
45 ## Number of observations 360
46 ##
47 ## Model Test User Model:
48 ##
49 ## Test statistic 0.000
50 ## Degrees of freedom 0
51 ##
52 ## Parameter Estimates:

```

```

53 ##
54 ## Standard errors Standard
55 ## Information Expected
56 ## Information saturated (h1) model Structured
57 ##
58 ## Regressions:
59 ## Estimate Std.Err z-value P(>|z|)
60 ## perwellb_2 ~
61 ## dis_d_total -0.046 0.022 -2.154 0.031
62 ## chr_gen_2 -0.288 0.073 -3.927 0.000
63 ## connect 0.238 0.079 3.011 0.003
64 ##
65 ## Variances:
66 ## Estimate Std.Err z-value P(>|z|)
67 ## .perwellb_2 0.576 0.043 13.416 0.000

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Discussion

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References

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CSLReferences

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