

EDLD651 Final Project: Discriminatory Experiences, Chronic Strain, Social
Connectedness, and Psychological Wellbeing Among Individuals With Marginalized Sexual
Orientations

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Author Note

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The authors made the following contributions. Maggie Head: Conceptualization,
Writing - Original Draft Preparation, Writing - Review & Editing; Sarah Spafford: Writing
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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 With Marginalized Sexual Orientations

Introduction

Methods

Participants

Material

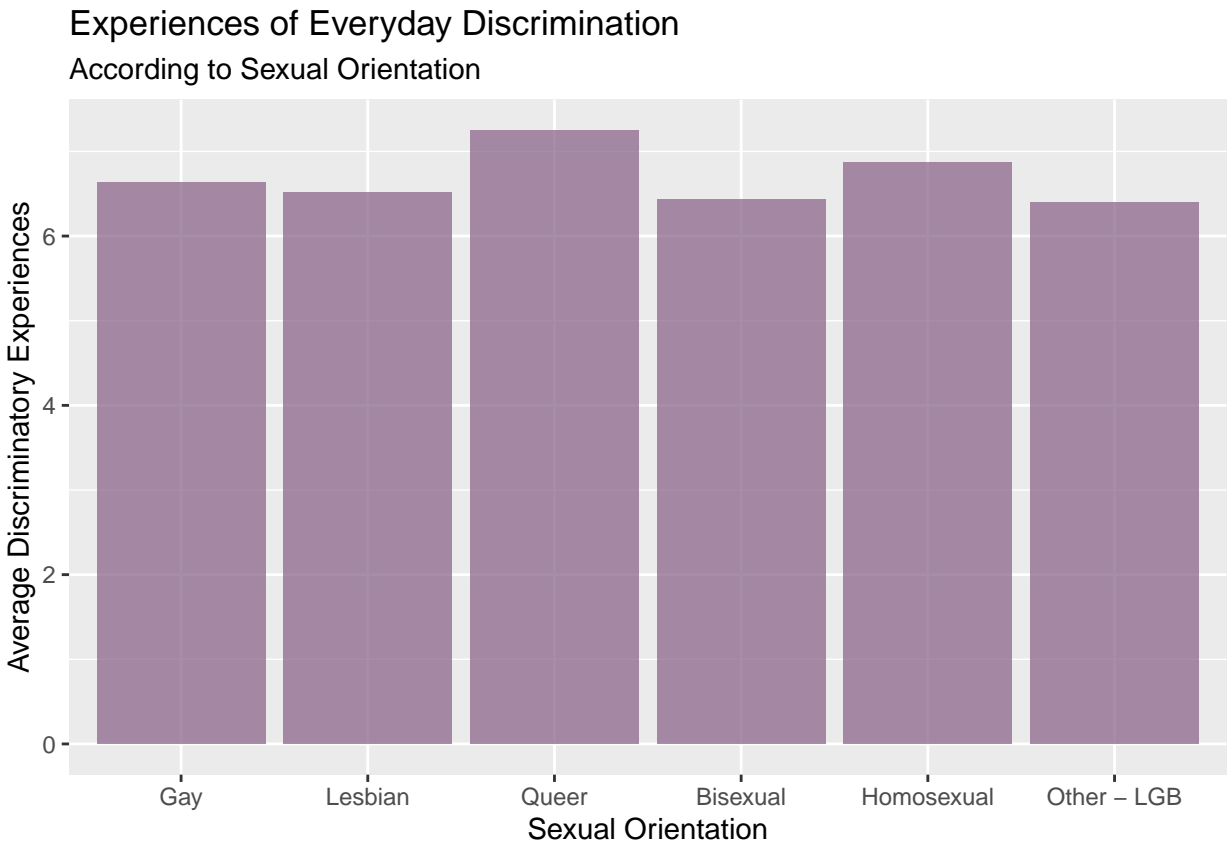
Procedure

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

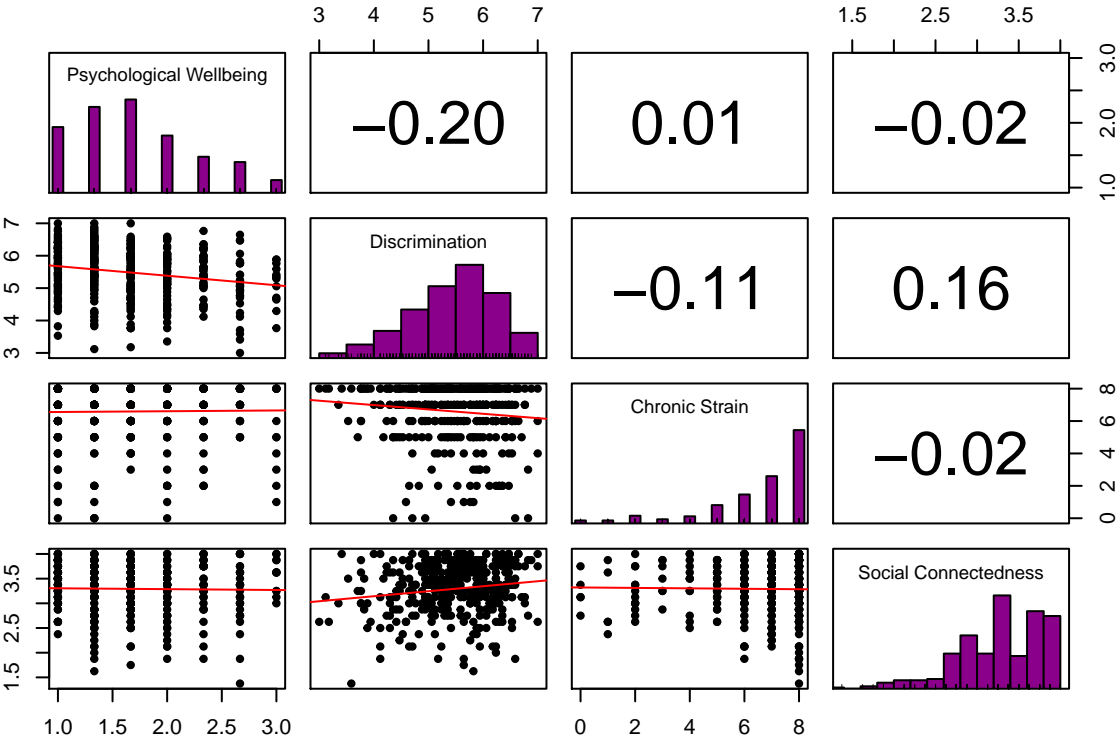


stridy (N = 360)	
Everyday Discrimination	
min	0
median	7
max	8
mean (sd)	6.59 ± 1.86
Chronic Strain	
min	1
median	1.67
max	3

	Gay (N = 160)	Lesbian (N = 104)	Queer (N = 12)	Bisexual (N = 63)	Homosexual LGB (N = 16)	Other - (N = 5)
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 ± 1.72	6.52 ± 1.99	7.25 ± 0.87	6.43 ± 2.13	6.88 ± 2.03	6.40 ± 1.14
Chronic Strain						
min	1	1	1	1	1	1.33

	Gay (N = 160)	Lesbian (N = 104)	Queer (N = 12)	Bisexual (N = 63)	Homosexual LGB (N = 16)	Other - = 5)
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
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 Connectedness						
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

Primary Analyses

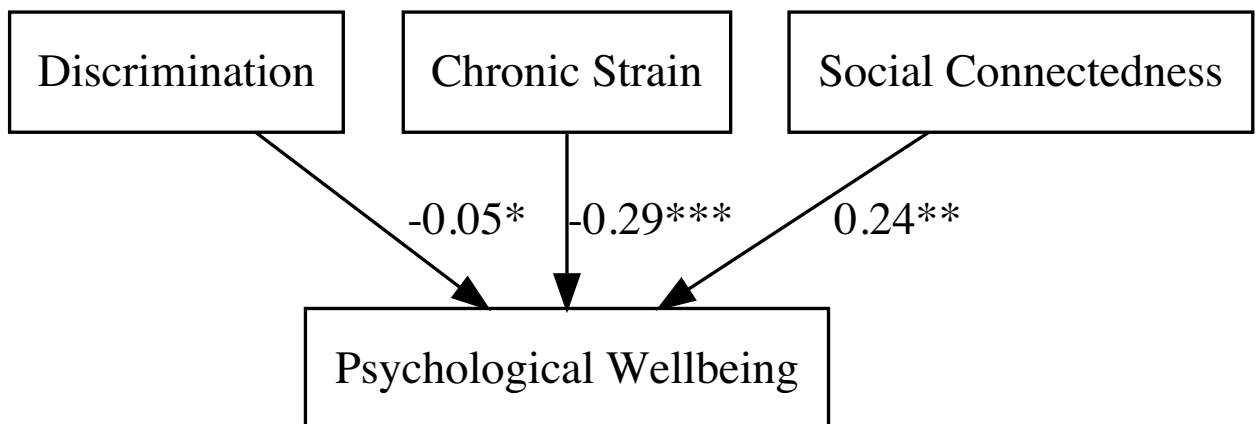


```
## lavaan 0.6-7 ended normally after 14 iterations
##
## Estimator ML
## Optimization method NLMINB
## Number of free parameters 4
##
## Number of observations 360
##
## Model Test User Model:
##
## Test statistic 0.000
## Degrees of freedom 0
##
## Parameter Estimates:
```

```

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

```



Discussion

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References

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CSLReferences

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