**Supplemental Table 1.**

*Descriptive Statistics for Daily Minority Stressors and Threat Appraisal*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Level 1 Variable (Within-Person) | *n* (%) | Range | Mean | *SD* |
| Daily threat appraisala |  |  |  |  |
| I perceived a situation, individual, or environment to be unsafe because of my sexual minority identity | 178 (25.9%) | 0 – 6 | 2.98 | 1.31 |
| Daily minority stressors |  |  |  |  |
| Someone responded defensively or disagreed with me when I pointed out heterosexist language or thought something was anti-LGBTQ+b | 76 (11.0%) | 0 – 6 | 0.27 | 0.90 |
| I was verbally harassed by someone | 71 (10.4%) | 0 – 6 | 0.25 | 0.84 |
| I was told I was overreacting or being oversensitive regarding sexual minority issues | 66 (9.6%) | 0 – 6 | 0.04 | 0.86 |
| I heard others make fun of, mock, or call sexual minority people names, such as fag or dyke | 64 (9.3%) | 0 – 6 | 0.22 | 0.81 |
| I heard anti-LGBTQ+ talk from family membersc | 62 (9.1%) | 0 – 6 | 0.22 | 0.84 |
| Someone laughed at me, made jokes at my expense, or called me a name | 40 (5.9%) | 0 – 6 | 0.15 | 0.67 |
| I was explicitly threatened with harm as a result of my sexual minority identity | 24 (3.5%) | 0 – 6 | 0.06 | 0.37 |

*Note*. LGBTQ+ = lesbian, gay bisexual, transgender, or queer.

aDaily threat appraisal item is also part of the 8-item daily sexual minority stress scale

bItem assessing sexual orientation-based microaggressions was changed from “homophobic” to “anti-LGBTQ+” for inclusivity and to mirror the item assessing heterosexist harassment, rejection, and discrimination.

cItem assessing heterosexist harassment, rejection, and discrimination was changed from “anti-LGBT” to “anti-LGBTQ+” for inclusivity.

**Supplemental Table 2.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable | ICC | Percent missing | *M* (*SD*) | Possible range | Observed range |
| 1. Daily minority stressorsa | 0.533 | .3% | 0.85 (1.61) | 0-8 | 0-8 |
| 2. Daily threat appraisala | 0.381 | .1% | 0.26 (0.44) | 0-1 | 0-1 |
| 3. Avoidance copingb | — | 0% | 12.03 (4.19) | 6-24 | 6-23 |
| 4. Daily concealmenta | 0.633 | .3% | 2.98 (2.03) | 1-7 | 1-7 |
| 5. Number of days completedb | — | 0% | 12.81 (2.08) | 1-14 | 1-14 |
| *Note*. ICC = intraclass correlation coefficient; *M* = mean; *SD* = standard deviation. LGBQ = lesbian, gay bisexual or queer  aMean levels across days are presented for within-person variables.  bMean levels across participants are presented for between-person variables. | | | | | |

*Univariate Descriptive Statistics for Main Variables*

**Supplemental Table 3.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Model 1a | | Model 2a | | Model 3a | |
| Predictor | Daily concealment | | Daily concealment | | Daily concealment | |
|  | *b* | 95% CI | *b* | 95% CI | *b* | 95% CI |
| Level 1 (WP) |  | |  | |  | |
| Daily minority stressors | — | | **0.26\*\*\*** | **0.18, 0.33** | **0.30\*\*\*** | **0.18, 0.42** |
| Day | **-0.02†** | **-0.04, -0.01** | -0.02 | -0.04, 0.01 | -0.01 | -0.03, 0.01 |
| Level 2 (BP) |  | |  | |  | |
| Intercept | **2.54\*\*\*** | **1.93, 3.15** | **2.58\*\*\*** | **2.05, 3.11** | **2.58\*\*\*** | **2.04, 3.11** |
| Mean minority stressors | — | | **0.64\*\*\*** | **0.41, 0.87** | **0.63\*\*\*** | **0.40, 0.86** |
| Gender identitya | **0.88\*** | **0.16, 1.51** | **0.77\*** | **0.15, 1.39** | **0.74†** | **0.10, 1.38** |
| Number of days completed | **-0.19\*\*** | **-0.31, -0.07** | **-0.19\*\*** | **-0.29, -0.08** | **-0.20\*\*** | **-0.30, -0.09** |
| Level 1 | Random effect variances | | | | | |
| Residual | — | | — | | **1.35\*\*\*** | **1.22, 1.48** |
| Level 2 |  | |  | |  | |
| Intercept | — | | — | | **1.51\*\*\*** | **1.01, 2.01** |
| Daily minority stressors slopes | — | | — | | **0.10\*** | **0.02, 0.17** |
| *Note*.CI = confidence interval. Unstandardized coefficients are reported. The boldface coefficients were significantly different from zero at 95% CI.  Model 1 contains covariates entered as fixed effect predictors of same-day variability in daily concealment levels.  Model 2 represents an adjusted random intercept model that modeled within-person daily minority stressors and between-person mean minority stressors as fixed effect predictors of same-day concealment levels.  Model 3 represents an adjusted random slope model in which within-person daily minority stressors was entered as a random (in addition to fixed) effect to test for significant variability in slopes predicting same-day concealment level from within-person daily minority stressors. Daily minority stressor slopes were allowed to vary randomly across participants in Model 3.  a0 = *cisgender*, 1 = *transgender and/or nonbinary*.  † *p* < .10, \* *p* < .05, \*\* *p* < .01, \*\*\* *p* < .001. | | | | | | |

*Model Statistics for Multilevel Models Predicting Same-Day Concealment from Daily and Mean Minority Stressors*

**Supplemental Table 4.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Model 1a | | Model 2a | | Model 3a | |
| Predictor | Daily concealment | | Daily concealment | | Daily concealment | |
|  | *b* | 95% CI | *b* | 95% CI | *b* | 95% CI |
| Level 1 (WP) |  | |  | |  | |
| Daily threat appraisal | — | | **0.74\*\*\*** | **0.51, 0.98** | **0.72\*\*\*** | **0.40, 1.04** |
| Day | -0.02 | -0.04, -0.01 | -0.02 | -0.04, 0.01 | -0.02 | -0.04, 0.01 |
| Level 2 (BP) |  | |  | |  | |
| Intercept | **2.54\*\*\*** | **1.93, 3.15** | **2.60\*\*\*** | **2.03, 3.17** | **2.58\*\*\*** | **2.02, 3.14** |
| Mean threat appraisal |  | | **1.73\*\*** | **0.64, 2.83** | **1.90\*\*** | **0.74, 3.05** |
| Gender identitya | **0.88\*** | **0.16, 1.51** | 0.46 | -0.21, 1.13 | 0.51 | -0.16, 1.17 |
| Number of days completed | **-0.19\*\*** | **-0.31, -0.07** | **-0.16** | **-0.27, -0.05** | **-0.15\*** | **-0.26, -0.05** |
| Level 1 | Random effect variances | | | | | |
| Residual | — | | — | | **1.39\*\*\*** | **1.26, 1.52** |
| Level 2 |  | |  | |  | |
| Intercept | — | | — | | **1.52\*\*\*** | **0.99, 2.04** |
| Daily threat appraisal slopes | — | | — | | **0.73\*** | **0.14, 1.31** |
| *Note*.CI = confidence interval. Unstandardized coefficients are reported. The boldface coefficients were significantly different from zero at 95% CI.  Model 1 contains covariates entered as fixed effect predictors of same-day variability in daily concealment levels.  Model 2 represents an adjusted random intercept model that modeled within-person daily threat appraisal levels and between-person mean threat appraisal levels as fixed effect predictors of same-day concealment levels.  Model 3 represents an adjusted random slope model in which within-person daily threat appraisal was entered as a random (as opposed to fixed) effect to test for significant variability in slopes predicting same-day concealment level from within-person daily threat appraisal. Daily threat appraisal slopes were allowed to vary randomly across participants in Model 3.  a0 = *cisgender*, 1 = *transgender and/or nonbinary*.  † *p* < .10, \* *p* < .05, \*\* *p* < .01, \*\*\* *p* < .001. | | | | | | |

*Model Statistics for Multilevel Models Predicting Same-Day Concealment from Daily and Mean Threat Appraisal*

**Supplemental Figure 1**

A group of graphs showing the results of a graph

Description automatically generated with medium confidence*Panel Plots of the 14-day Time Course of Daily Concealment for Each Participant*

Time in Days

Daily concealment