Supplemental Materials

Supplemental Table 1. Moderation of the association between perceived HIV stigma in the community and internalized HIV stigma by fear of negative evaluation in two study samples.

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Study 1** | | | **Study 2** | | |
|  | B (SE) | 95% CI | p | B (SE) | 95% CI | p |
| **Constant** | 2.09 (.27) | 1.55, 2.63 | <.001 | 2.23 (.20) | 1.84, 2.62 | <.001 |
| **Covariate** |  |  |  |  |  |  |
| Age | -.00 (.00) | -.01, .01 | .858 | -0.00 (.00) | -.01, .00 | .530 |
| Months on ART | -.00 (.00) | -.00, .00 | .517 | -0.00 (.00) | -.00, .00 | .091 |
| Sex | .00 (.08) | -.16, .16 | .983 | --- | --- | --- |
| Race | .02 (.08) | -.14, .17 | .825 | -0.12 (.09) | -.29, .05 | .160 |
| Education | -.04 (.03) | -.11, .03 | .256 | -0.01 (.03) | -.06, .05 | .981 |
| Substance use | --- | --- | --- | 0.10 (.06) | -.02, .22 | .091 |
| **Study Variable** |  |  |  |  |  |  |
| HIV stigma in the  community | 0.38 (.06) | 0.26, 0.50 | <.001 | 0.39 (.04) | 0.31, 0.48 | <.001 |
| Fear of negative  evaluation | 0.45 (.06) | 0.33, 0.57 | <.001 | 0.33 (.04) | 0.26, 0.41 | <.001 |
| Interaction | 0.25 (.09) | 0.07, 0.44 | .007 | 0.18 (.05) | 0.08, 0.28 | .001 |
| **Conditional Effects** |  |  |  |  |  |  |
| -1 SD | 0.21 (.08) | 0.04, 0.37 | .014 | 0.26 (.06) | 0.15, 0.37 | <.001 |
| Mean | 0.38 (.06) | 0.26, 0.50 | <.001 | 0.39 (.05) | 0.31, 0.48 | <.001 |
| + 1 SD | 0.55 (.09) | 0.37, 0.73 | <.001 | 0.53 (.06) | 0.40, 0.65 | <.001 |

Notes: Dichotomous covariates included: sex (0=female), race (0=non-white), and substance use (0=No). All other covariates were continuous variables.

Supplemental Table 2. Moderation of the association between perceived HIV stigma in the community and internalized HIV stigma by attachment-related anxiety in two study samples.

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|  | **Study 1** | | | **Study 2** | | |
|  | B (SE) | 95% CI | p | B (SE) | 95% CI | p |
| **Constant** | 2.18 (.30) | 1.58, 2.77 | <.001 | 2.23 (.21) | 1.81, 2.65 | <.001 |
| **Covariate** |  |  |  |  |  |  |
| Age | -.00 (.00) | -.01, .01 | .827 | -0.00 (.00) | -.01, .00 | .401 |
| Months on ART | .00 (.00) | -.00, .00 | .429 | -0.00 (.00) | -.00, .00 | .091 |
| Sex | .02 (.09) | -.15, .20 | .796 | --- | --- | --- |
| Race | -.06 (.09) | -.23, .11 | .496 | -0.13 (.09) | -.31, .05 | .153 |
| Education | -.06 (.04) | -.13, .02 | .126 | 0.00 (.03) | -.06, .06 | .981 |
| Substance use | --- | --- | --- | 0.06 (.09) | -.06, .19 | .320 |
| **Study Variable** |  |  |  |  |  |  |
| HIV stigma in the  community | 0.41(.07) | 0.28, 0.54 | <.001 | 0.37 (.05) | 0.27, 0.46 | <.001 |
| Attachment-related  anxiety | 0.16 (.03) | 0.11, 0.22 | <.001 | 0.11 (.02) | 0.08, 0.15 | <.001 |
| Interaction | 0.10 (.04) | 0.03, 0.18 | .006 | 0.07 (.03) | 0.02, 0.12 | .007 |
| **Conditional Effects** |  |  |  |  |  |  |
| -1 SD | 0.25 (.09) | 0.07, 0.43 | .006 | 0.25 (.06) | 0.13, 0.37 | <.001 |
| Mean | 0.41 (.07) | 0.28, 0.54 | <.001 | 0.37 (.05) | 0.27, 0.46 | <.001 |
| + 1 SD | 0.57 (.09) | 0.40, 0.75 | <.001 | 0.48 (.07) | 0.38, 0.61 | <.001 |

Notes: Dichotomous covariates included: sex (0=female), race (0=non-white), and substance use (0=No). All other covariates were continuous variables.

Supplemental Table 3. Moderation of the association between perceived HIV stigma in the community and internalized HIV stigma by resilience in Study 2.

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|  | **Study 2** | | |
|  | B (SE) | 95% CI | p |
| **Constant** | 2.30 (.19) | 1.92, 2.69 | <.001 |
| **Covariate** |  |  |  |
| Age | -0.01 (.00) | -.01, .00 | .095 |
| Months on ART | -0.00 (.00) | -.00, .00 | .087 |
| Sex | --- | --- | --- |
| Race | -0.10 (.08) | -.26, .07 | .252 |
| Education | 0.01 (.03) | -.05, .06 | .782 |
| Substance use | 0.07 (.06) | -.04, .19 | .213 |
| **Study Variable** |  |  |  |
| HIV stigma in the  community | 0.37 (.04) | 0.28, 0.45 | <.001 |
| Resilience | -0.35 (.04) | -0.42, -0.28 | <.001 |
| Interaction | -0.16 (.05) | -0.26, -0.07 | .001 |
| **Conditional Effects** |  |  |  |
| -1 SD | 0.49 (.06) | 0.37, 0.61 | <.001 |
| Mean | 0.37 (.04) | 0.28, 0.45 | <.001 |
| + 1 SD | 0.24 (.06) | 0.13, 0.35 | <.001 |

Notes: Dichotomous covariates included: sex (0=female), race (0=non-white), and substance use (0=No). All other

covariates were continuous variables.

Supplemental Table 4. Indices of moderated mediation and conditional indirect effects of perceived HIV stigma in the community on depressive symptoms via internalized HIV stigma moderated by attachment-related anxiety, fear of negative evaluation, and resilience.

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| --- | --- | --- | --- | --- |
| Moderator | **Study 1** | | **Study 2** | |
| Conditional Indirect Effect  B (SE) | Indirect Effect CI | Conditional Indirect Effect  B (SE) | Indirect Effect CI |
| **Fear of negative evaluation** | Index: 0.33 (.20) | 0.03, 0.81 | Index: 1.34 (.42) | 0.55, 2.17 |
| -1 SD | 0.28 (.18) | 0.03, 0.77 | 1.82 (.55) | 0.89, 3.11 |
| +1 SD | 0.74 (.38) | 0.07, 1.59 | 3.79 (.63) | 2.63, 5.14 |
| **Attachment-related anxiety** | Index: 0.14 (.09) | 0.01, 0.36 | Index: 0.52 (.22) | 0.13, 0.98 |
| -1 SD | 0.34 (0.20) | 0.05, 0.88 | 1.76 (.46) | 0.97, 2.82 |
| +1 SD | 0.77 (.41) | 0.06, 1.69 | 3.42 (0.72) | 2.15, 5.02 |
| **Resilience** | --- | --- | Index: -1.21 (.37) | -2.01, -0.52 |
| -1 SD | --- | --- | 3.57 (.63) | 2.44, 4.92 |
| +1 SD | --- | --- | 1.69 (.42) | 0.97, 2.60 |

Note 1: Covariates included for Study 1 (age, months on ART, sex, race, education) and Study 2 (age, months on ART, race, education, and substance use).

Note 2: Conditional indirect effects should be interpreted in the following way for the first analysis: Individuals with higher fear of negative evaluation (+1 SD) had an increase of 0.74 in depressive symptoms for every one unit increase in perceived HIV stigma in the community through internalized HIV stigma. On the other hand, individuals with lower fear of negative evaluation (-1 SD) had only a 0.28 increase in depressive symptoms for every one unit increase in perceived HIV stigma in the community through internalized HIV stigma. Other conditional indirect effects can be interpreted in a similar fashion.

Supplemental Table 5. Indices of moderated mediation and conditional indirect effects of perceived HIV stigma in the community on ART adherence via internalized HIV stigma moderated by attachment-related anxiety, fear of negative evaluation, and resilience.

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| --- | --- | --- | --- | --- |
| Moderator | **Study 1** | | **Study 2** | |
| Conditional Indirect Effect  B (SE) | Indirect Effect CI | Conditional Indirect Effect  B (SE) | Indirect Effect CI |
| **Fear of Negative Evaluation** | Index: -0.10 (.10) | -0.33, 0.06 | Index: -0.08 (.05) | -0.20, -0.00 |
| -1 SD | -0.08 (.08) | -0.30, 0.03 | -0.11 (.07) | -0.28, -0.00 |
| +1 SD | -0.21 (.19) | -0.61, 0.13 | -0.22 (.13) | -0.49, 0.01 |
| **Attachment-related Anxiety** | Index: -0.05 (.04) | -0.15, 0.02 | Index: -0.03 (.02) | -0.09, -0.00 |
| -1 SD | -0.09 (.09) | -0.32, 0.03 | -0.10 (.60) | -0.26, -0.00 |
| +1 SD | -0.16 (.14) | -0.47, 0.09 | -0.20 (.12) | -0.47, -0.00 |
| **Resilience** | --- | --- | Index: 0.07 (.05) | 0.00, 0.19 |
| -1 SD | --- | --- | -0.21 (.12) | -0.48, 0.01 |
| +1 SD | --- | --- | -0.10 (.06) | -0.24, 0.00 |

Note: Covariates included for Study 1 (age, months on ART, sex, race, education) and

Study 2 (age, months on ART, race, education, and substance use).