**Supplementary Materials**

*Supplementary Table 1*

Tests of Measurement Invariance for Collective Action (Configural Invariance)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Measurement Model --> Collective Action** | **Japan (N = 101)** | **Philippines (N = 130)** | $χ$**2** | ***p*** |
| I would like to do something against this situation. | 1.00 | 1.00 | 1.01 | .32 |
| *error* | 1.10 | 0.84 |  |  |
| I would like to do something together against this situation. | 0.59 | 0.82 | 6.88 | .009 |
| *error* | 2.50 | 0.95 |  |  |
| Sign a petition | 0.86 | 1.04 | 2.05 | .15 |
| *error* | 2.30 | 1.00 |  |  |
| Share links on social media | 1.55 | 1.59 | 0.11 | .74 |
| *error* | 1.70 | 1.48 |  |  |
| Write a blog post | 1.60 | 2.09 | 1.77 | .18 |
| *error* | 0.98 | 1.59 |  |  |
| Create a petition | 1.89 | 2.66 | 6.02 | .01 |
| *error* | 0.57 | 1.21 |  |  |
| Participate in a protest | 1.53 | 3.02 | 1.57 | .23 |
| *error* | 1.50 | 0.98 |  |  |
| Organize a protest | 1.26 | 2.87 | 0.01 | .90 |
| *error* | 1.70 | 0.88 |  |  |
| **Fit Indices** |  |  |  |  |
| $χ$**2** | 158.84(20)\*\*\* | 132.28(20)\*\*\* |  |  |
| RMSEA | 0.26 | 0.21 |  |  |
| CFI | 0.68 | 0.71 |  |  |
| TLI | 0.56 | 0.60 |   |  |

*Supplementary Table 2*

Tests of Measurement Invariance for Moral Conviction (Configural Invariance)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Measurement Model --> Moral conviction** | **Japan (N = 103)** | **Philippines (N = 128)** | $χ$**2** | ***p*** |
| Ending discrimination against women is part of the core of my moral convictions. | 1.00 | 1.00 | 12.40 | <.001 |
| *error* | 0.86 | 0.40 |  |  |
| My opinion about ending discrimination against women is closely related to how I see myself. | 1.03 | 0.92 | 0.72 | .39 |
| *error* | 0.61 | 1.10 |  |  |
| My opinion about ending discrimination against women has a moral character. | 1.07 | 0.79 | 0.26 | .61 |
| *error* | 0.43 | 0.44 |  |  |
| My opinion about discrimination against women is important to me. | 1.02 | 0.46 | 63.68 | <.001 |
| *error* | 0.68 | 2.60 |  |  |
| **Fit Indices** |  |  |  |  |
| $χ$**2** | 4.11(2) | .16(2) |  |  |
| RMSEA | 0.10 | 0 |  |  |
| CFI | 0.99 | 1.00 |  |  |
| TLI | 0.98 | 1.05 |   |  |

*Supplementary Table 3*

Tests of Measurement Invariance for Identification with Women (Configural Invariance)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Measurement Model --> Identification with women** | **Japan (N = 99)** | **Philippines (N = 130)** | $χ$**2** | ***p*** |
| I can identify with the struggles of women. | 1.00 | 1.00 | 1.50 | .22 |
| *error* | 2.20 | 1.30 |  |  |
| I feel strong ties with women. | 1.29 | 0.90 | 3.91 | .05 |
| *error* | 1.20 | 0.89 |  |  |
| I see myself as one with women in their struggle for equal treatment in society. | 1.50 | 1.50 | 1.95 | .16 |
| *error* | 0.40 | 0.92 |  |  |
| I would be proud to call myself a supporter of women. | 1.40 | 1.02 | 10.75 | .001 |
| *error* | 0.60 | 0.57 |  |  |
| **Fit Indices** |  |  |  |  |
| $χ$**2** | 1.40(2) | 7.44(2)\* |  |  |
| RMSEA | 0 | 0.14 |  |  |
| CFI | 1.00 | 0.93 |  |  |
| TLI | 1.01 | 0.78 |   |  |

*Supplementary Table 4*

Tests of Measurement Invariance for Identification with Men (Configural Invariance)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Measurement Model -->** **Identification with men** | **Japan (N = 99)** | **Philippines (N = 130)** | $χ$**2** | ***p*** |
| I identify with other men. | 1.00 | 1.00 | 10.55 | .001 |
| *error* | 1.10 | 0.84 |  |  |
| I feel strong ties with other men. | 1.66 | 1.01 | 5.17 | .02 |
| *error* | 0.56 | 0.65 |  |  |
| I see myself as part of the group of men. | 1.58 | 1.14 | 0.75 | .39 |
| *error* | 1.30 | 0.71 |  |  |
| I am proud to be part of the group of men. | 1.54 | 1.08 | 0.05 | .83 |
| *error* | 1.20 | 0.75 |  |  |
| **Fit Indices** |  |  |  |  |
| $χ$**2** | 4.88(2) | 12.12(2)\*\* |  |  |
| RMSEA | 0.12 | 0.20 |  |  |
| CFI | 0.98 | 0.96 |  |  |
| TLI | 0.94 | 0.89 |   |  |

*Supplementary Table 5*

Tests of Measurement Invariance for Group Efficacy (Configural Invariance)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Measurement Model --> Efficacy** | **Japan (N = 101)** | **Philippines (N = 131)** | $χ$**2** | ***p*** |
| As men, I think we can change this situation of discrimination against women. | 1.00 | 1.00 | 0.008 | .93 |
| *error* | 0.66 | 0.35 |  |  |
| As men, I think we can influence this situation. | 1.08 | 0.58 | 7.30 | .007 |
| *error* | 0.33 | 0.50 |  |  |
| I think that, as men, we can successfully defend women’s interests together. | 1.16 | 1.16 | 0.27 | .60 |
| *error* | 0.25 | 0.25 |  |  |
| I think that, as men, we can change this situation together. | 0.97 | 1.21 | 9.04 | .003 |
| *error* | 0.92 | 0.024 |  |  |
| **Fit Indices** |  |  |  |  |
| $χ$**2** | 5.22(2) | 12.26(2)\*\* |  |  |
| RMSEA | 0.13 | 0.20 |  |  |
| CFI | 0.99 | 0.97 |  |  |
| TLI | 0.97 | 0.91 |   |  |

*Supplementary Table 6*

Tests of Measurement Invariance for Anger (Configural Invariance)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Measurement ModelAnger -->** | **Japan (N = 101)** | **Philippines (N = 131)** | $χ$**2** | ***p*** |
| Angry | 1.00 | 1.00 | 0 | .99 |
| *error* | 0.40 | 0.53 |  |  |
| Furious | 1.05 | 1.01 | 1.96 | .16 |
| *error* | 0.11 | 0.60 |  |  |
| Outraged | 0.95 | 1.02 | 2.15 | .14 |
| *error* | 0.47 | 0.33 |  |  |
| **Fit Indices** |  |  |  |  |
| $χ$**2** | 0(2) | 0(2) |  |  |
| RMSEA | 0 | 0 |  |  |
| CFI | 1.00 | 1.00 |  |  |
| TLI | 1.00 | 1.00 |   |  |

*Supplementary Table 7*

Collective action intentions predicted by identification with men and the Social Identity Model of Collective Action in Japan, with experimental conditions as control

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Model 1** |  | **Model 2** |  | **Model 3** |  | **Model 4** |
|  | **B** | **SE**  | ***β*** |  | **B** | **SE**  | ***β*** |  | **B** | **SE**  | ***β*** |  | **B** | **SE**  | ***β*** |
| **Control vs. experimental conditions** | 0.08 | 0.06 | 0.13 |  | 0.07 | 0.05 | 0.11 |  | 0.06 | 0.05 | 0.10 |  | 0.04 | 0.05 | 0.07 |
| **Positive vs. negative emotions** | 0.07 | 0.09 | 0.07 |  | 0.05 | 0.08 | 0.06 |  | 0.05 | 0.08 | 0.05 |  | 0.03 | 0.08 | 0.03 |
| **Anger vs. shame** | -0.23 | 0.18 | -0.13 |  | -0.22 | 0.15 | -0.12 |  | -0.20 | 0.14 | -0.11 |  | -0.23 | 0.13 | -0.13 |
| **Moral conviction** |  |  |  |  | 0.48 | 0.07 | 0.57\*\*\* |  | 0.40 | 0.09 | 0.48\*\*\* |  | 0.30 | 0.09 | 0.35\*\* |
| **Identification w/ men** |  |  |  |  |  |  |  |  | -0.14 | 0.08 | -0.15 |  | -0.14 | 0.07 | -0.15\* |
| **Identification w/ women** |  |  |  |  |  |  |  |  | 0.14 | 0.10 | 0.15 |  | 0.07 | 0.09 | 0.07 |
| **Group efficacy** |  |  |  |  |  |  |  |  |  |  |  |  | 0.33 | 0.08 | 0.36\*\*\* |
| **Anger** |  |  |  |  |  |  |  |  |  |  |  |  | 0.02 | 0.06 | 0.03 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **F change** | 1.42 |  |  |  | 49.03\*\*\* |  |  |  | 2.29 |  |  |  | 9.12\*\*\* |  |  |
| **R2 change** | 0.04 |  |  |  | 0.32 |  |  |  | 0.03 |  |  |  | 0.10 |  |  |
| \* *p* < .05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*\* *p* < .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*\*\* *p* < .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

*Note: The original study was intended to be an experiment comparing the effect of emotions (anger, shame, and hope) on collective action intentions. The manipulation involved having participants recall an experience involving discrimination against women where they felt one of the three emotions (hope, anger, and shame), or where no particular emotion was specified (control condition). The manipulation is represented in the table by three effect codes, comparing the control (+3) to the experimental conditions (-1); the hope condition (+2) to the negative emotions (-1) with control coded zero; and the anger (+1) to the shame (-1) condition, with hope and control conditions coded zero. No consistent effects were found.*

*Supplementary Table 8*

Collective action intentions predicted by identification with men and the Social Identity Model of Collective Action in the Philippines, with experimental conditions as control

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Model 1** |  | **Model 2** |  | **Model 3** |  | **Model 4** |
|  | **B** | **SE**  | ***β*** |  | **B** | **SE**  | ***β*** |  | **B** | **SE**  | ***β*** |  | **B** | **SE**  | ***β*** |
| **Control vs. experimental conditions** | 0.10 | 0.05 | 0.18\* |  | 0.09 | 0.04 | 0.15\* |  | 0.08 | 0.04 | 0.14 |  | 0.06 | 0.04 | 0.10 |
| **Positive vs. negative emotions** | -0.13 | 0.06 | -0.17 |  | -0.04 | 0.06 | -0.05 |  | -0.04 | 0.06 | -0.05 |  | 0.03 | 0.06 | 0.04 |
| **Anger vs. shame** | 0.23 | 0.11 | 0.17 |  | 0.21 | 0.10 | 0.16\* |  | 0.19 | 0.10 | 0.14 |  | 0.21 | 0.09 | 0.16 |
| **Moral conviction** |  |  |  |  | 0.48 | 0.08 | 0.48\*\*\* |  | 0.36 | 0.09 | 0.37\*\*\* |  | 0.20 | 0.09 | 0.20\* |
| **Identification w/ men** |  |  |  |  |  |  |  |  | -0.03 | 0.06 | -0.04 |  | -0.03 | 0.06 | -0.04 |
| **Identification w/ women** |  |  |  |  |  |  |  |  | 0.26 | 0.10 | 0.23\* |  | 0.24 | 0.10 | 0.21\* |
| **Group efficacy** |  |  |  |  |  |  |  |  |  |  |  |  | 0.35 | 0.10 | 0.29\*\* |
| **Anger** |  |  |  |  |  |  |  |  |  |  |  |  | 0.08 | 0.05 | 0.14 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **F change** | 4.10\*\* |  |  |  | 39.48\*\*\* |  |  |  | 3.41\* |  |  |  | 7.75\*\* |  |  |
| **R2 change** | 0.09 |  |  |  | 0.22 |  |  |  | 0.04 |  |  |  | 0.07 |  |  |
| \* *p* < .05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*\* *p* < .01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*\*\* *p* < .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |