

**Supplementary Table S1***Estimated Marginal Means of Emotions by Country and Group*

|           | USA                |                    | China             |                   |
|-----------|--------------------|--------------------|-------------------|-------------------|
|           | Control            | Anthem             | Control           | Anthem            |
|           | M [95% CI]         | M [95% CI]         | M [95% CI]        | M [95% CI]        |
| Anger     | 0.03 [-0.21, 0.27] | 0.40 [0.16, 0.65]  | 0.89 [0.65, 1.14] | 1.46 [1.22, 1.70] |
| Happiness | 3.58 [3.34, 3.82]  | 2.48 [2.24, 2.72]  | 2.70 [2.46, 2.94] | 3.80 [3.56, 4.04] |
| Sadness   | 0.07 [-0.17, 0.31] | 0.73 [0.49, 0.98]  | 0.96 [0.72, 1.21] | 1.61 [1.37, 1.85] |
| Disgust   | 0.14 [-0.10, 0.38] | 0.62 [0.38, 0.86]  | 1.03 [0.79, 1.27] | 0.40 [0.16, 0.64] |
| Surprise  | 0.05 [-0.19, 0.29] | 0.42 [0.18, 0.66]  | 2.38 [2.14, 2.63] | 3.16 [2.92, 3.40] |
| Fear      | 0.02 [-0.23, 0.26] | 0.15 [-0.10, 0.39] | 0.92 [0.68, 1.17] | 0.55 [0.31, 0.79] |
| Pride     | 1.03 [0.79, 1.27]  | 2.84 [2.60, 3.08]  | 1.97 [1.73, 2.21] | 5.06 [4.82, 5.30] |

# Supplementary Table S2

*Mediation Model with Group as Independent Variable, Instrumental Harm as Dependent*

*Variable, Each Emotion as Mediator*

| Mediator  | Path                         | Estimate | $\beta$ | SE   | z     | p-value | Corrected p-value | 95% CI         |
|-----------|------------------------------|----------|---------|------|-------|---------|-------------------|----------------|
| Anger     | Group → Mediator             | 0.48     | 0.18    | 0.12 | 4.17  | < .001  | < .001            | [0.70; 0.25]   |
|           | Mediator → Instrumental Harm | 0.06     | 0.06    | 0.04 | 1.59  | 0.111   | 0.13              | [0.14; -0.02]  |
|           | Group → Instrumental Harm    | -0.32    | -0.12   | 0.12 | -2.75 | 0.006   | 0.011             | [-0.08; -0.56] |
|           | Indirect Effect              | 0.03     | 0.01    | 0.02 | 1.46  | 0.145   |                   | [0.08; -0.01]  |
|           | Total Effect                 | -0.29    | -0.11   | 0.12 | -2.50 | 0.012   | 0.018             | [-0.06; -0.52] |
| Happiness | Group → Mediator             | 0.00     | 0.00    | 0.17 | 0.02  | 0.987   |                   | [0.31; -0.34]  |
|           | Mediator → Instrumental Harm | 0.05     | 0.08    | 0.03 | 1.74  | 0.082   |                   | [0.11; -0.01]  |
|           | Group → Instrumental Harm    | -0.29    | -0.11   | 0.12 | -2.45 | 0.014   | 0.018             | [-0.06; -0.52] |
|           | Indirect Effect              | 0.00     | 0.00    | 0.01 | 0.01  | 0.989   | 0.989             | [0.02; -0.03]  |
|           | Total Effect                 | -0.29    | -0.11   | 0.12 | -2.43 | 0.015   | 0.018             | [-0.06; -0.52] |
| Sadness   | Group → Mediator             | 0.67     | 0.24    | 0.12 | 5.81  | < .001  | < .001            | [0.87; 0.44]   |
|           | Mediator → Instrumental Harm | 0.06     | 0.06    | 0.05 | 1.22  | 0.221   | 0.221             | [0.15; -0.04]  |
|           | Group → Instrumental Harm    | -0.33    | -0.12   | 0.12 | -2.72 | 0.006   | 0.011             | [-0.10; -0.56] |
|           | Indirect Effect              | 0.04     | 0.01    | 0.03 | 1.18  | 0.238   | 0.381             | [0.10; -0.02]  |
|           |                              |          |         |      |       |         |                   |                |

|          |                              |       |       |      |       |        |        |                |
|----------|------------------------------|-------|-------|------|-------|--------|--------|----------------|
|          | Total Effect                 | -0.29 | -0.11 | 0.12 | -2.46 | 0.014  | 0.018  | [-0.07; -0.52] |
| Disgust  | Group → Mediator             | -0.08 | -0.03 | 0.11 | -0.71 | 0.476  |        | [0.15; -0.29]  |
|          | Mediator → Instrumental Harm | 0.09  | 0.08  | 0.05 | 1.69  | 0.092  |        | [0.20; -0.02]  |
|          | Group → Instrumental Harm    | -0.28 | -0.10 | 0.12 | -2.42 | 0.016  | 0.018  | [-0.05; -0.51] |
|          | Indirect Effect              | -0.01 | -0.00 | 0.01 | -0.57 | 0.567  |        | [0.01; -0.04]  |
|          | Total Effect                 | -0.29 | -0.11 | 0.12 | -2.47 | 0.014  | 0.018  | [-0.05; -0.52] |
| Surprise | Group → Mediator             | 0.60  | 0.15  | 0.17 | 3.60  | < .001 | < .001 | [0.93; 0.28]   |
|          | Mediator → Instrumental Harm | 0.12  | 0.17  | 0.03 | 3.48  | < .001 | 0.004  | [0.18; 0.05]   |
|          | Group → Instrumental Harm    | -0.36 | -0.14 | 0.12 | -2.96 | 0.003  | 0.011  | [-0.12; -0.60] |
|          | Indirect Effect              | 0.07  | 0.03  | 0.03 | 2.46  | 0.014  | 0.049  | [0.13; 0.02]   |
|          | Total Effect                 | -0.29 | -0.11 | 0.12 | -2.37 | 0.018  | 0.018  | [-0.05; -0.53] |
| Fear     | Group → Mediator             | -0.11 | -0.06 | 0.08 | -1.35 | 0.177  |        | [0.05; -0.28]  |
|          | Mediator → Instrumental Harm | 0.16  | 0.12  | 0.06 | 2.52  | 0.012  | 0.027  | [0.28; 0.03]   |
|          | Group → Instrumental Harm    | -0.27 | -0.10 | 0.12 | -2.29 | 0.022  | 0.022  | [-0.04; -0.51] |
|          | Indirect Effect              | -0.02 | -0.01 | 0.02 | -1.10 | 0.272  |        | [0.01; -0.06]  |
|          | Total Effect                 | -0.29 | -0.11 | 0.12 | -2.43 | 0.015  | 0.018  | [-0.05; -0.53] |
| Pride    | Group → Mediator             | 2.47  | 0.52  | 0.18 | 14.04 | < .001 | < .001 | [2.83; 2.13]   |

|                   |       |       |      |       |        |       |                 |
|-------------------|-------|-------|------|-------|--------|-------|-----------------|
| Mediator →        |       |       |      |       |        |       |                 |
| Instrumental Harm | 0.09  | 0.16  | 0.03 | 3.03  | 0.002  | 0.009 | [0.15; 0.03]    |
| Group →           |       |       |      |       |        |       |                 |
| Instrumental Harm | -0.51 | -0.19 | 0.14 | -3.72 | < .001 | 0.001 | [-0.23; -0.764] |
| Indirect Effect   | 0.22  | 0.08  | 0.08 | 2.95  | 0.003  | 0.022 | [0.38; 0.08]    |
| Total Effect      | -0.29 | -0.11 | 0.12 | -2.49 | 0.013  | 0.018 | [-0.05; -0.50]  |

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### Supplementary Table S3

*Serial Mediation Model with Group as Independent Variable, Instrumental Harm as Dependent Variable, Pride and National Identity as Mediators*

| Path                                           | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>z</i> | <i>p</i> -value | Corrected <i>p</i> -value | 95% CI         |
|------------------------------------------------|-----------------|---------|-----------|----------|-----------------|---------------------------|----------------|
| Group → Pride                                  | 2.47            | 0.52    | 0.18      | 14.08    | < .001          | < .001                    | [2.12, 2.81]   |
| Group →<br>National<br>Identity                | -2.24           | -0.23   | 0.52      | -4.27    | < .001          | < .001                    | [-3.27, -1.23] |
| Pride →<br>National<br>Identity                | 1.08            | 0.52    | 0.11      | 9.85     | < .001          | < .001                    | [0.87, 1.29]   |
| National<br>Identity →<br>Instrumental<br>Harm | -0.03           | -0.10   | 0.01      | -2.31    | 0.021           | 0.026                     | [-0.05, -0.00] |
| Pride →<br>Instrumental<br>Harm                | 0.12            | 0.21    | 0.03      | 3.87     | < .001          | < .001                    | [0.06, 0.18]   |
| Group →<br>Instrumental<br>Harm                | -0.57           | -0.21   | 0.14      | -4.09    | < .001          | < .001                    | [-0.85, -0.30] |
| Indirect via Pride                             | 0.30            | 0.11    | 0.08      | 3.67     | < .001          | < .001                    | [0.15, 0.47]   |
| Indirect via<br>National Identity              | 0.06            | 0.02    | 0.03      | 1.95     | 0.051           |                           | [0.01, 0.14]   |
| Serial Indirect                                | -0.08           | -0.03   | 0.04      | -2.16    | 0.030           | 0.034                     | [-0.15, -0.01] |

**Supplementary Table S4***Serial Mediation Model with Group as Independent Variable, Instrumental Harm as**Dependent Variable, Pride and Collective Narcissism as Mediators*

| Path                                               | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>z</i> | <i>p</i> -value | Corrected<br><i>p</i> -value | 95% CI         |
|----------------------------------------------------|-----------------|---------|-----------|----------|-----------------|------------------------------|----------------|
| Group → Pride                                      | 2.47            | 0.52    | 0.18      | 14.09    | < .001          | < .001                       | [2.12, 2.81]   |
| Group →<br>Collective<br>Narcissism                | -3.98           | -0.26   | 0.67      | -5.98    | < .001          | < .001                       | [-5.29, -2.71] |
| pride → Collective<br>Narcissism                   | 1.75            | 0.53    | 0.14      | 12.36    | < .001          | < .001                       | [1.48, 2.03]   |
| Collective<br>Narcissism →<br>Instrumental<br>Harm | 0.03            | 0.19    | 0.01      | 3.72     | < .001          | < .001                       | [0.02, 0.05]   |
| Pride →<br>Instrumental<br>Harm                    | 0.03            | 0.06    | 0.03      | 1.05     | 0.292           |                              | [-0.03, 0.09]  |
| Group →<br>Instrumental<br>Harm                    | -0.38           | -0.14   | 0.14      | -2.67    | 0.008           | 0.012                        | [-0.66, -0.10] |
| Indirect via Pride                                 | 0.08            | 0.03    | 0.08      | 1.05     | 0.296           |                              | [-0.07, 0.24]  |
| Indirect via<br>Collective<br>Narcissism           | -0.13           | -0.05   | 0.04      | -3.26    | 0.001           | 0.002                        | [-0.21, -0.06] |
| Serial Indirect                                    | 0.14            | 0.05    | 0.04      | 3.46     | < .001          | 0.001                        | [0.06, 0.22]   |

**Supplementary Table S5**

*Serial Mediation Model with Group as Independent Variable, Trolley Dilemma as Dependent Variable, Pride and National Identity as Mediators*

| Path                                         | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>z</i> | <i>p</i> -value | Corrected<br><i>p</i> -value | 95% CI         |
|----------------------------------------------|-----------------|---------|-----------|----------|-----------------|------------------------------|----------------|
| Group → Pride                                | 2.468           | 0.524   | 0.174     | 14.14    | < .001          | < .001                       | [2.12, 2.81]   |
| Group →<br>National<br>Identity              | -2.239          | -0.227  | 0.527     | -4.25    | < .001          | < .001                       | [-3.23, -1.18] |
| Pride →<br>National<br>Identity              | 1.081           | 0.517   | 0.111     | 9.71     | < .001          | < .001                       | [0.86, 1.30]   |
| National<br>Identity →<br>Trolley<br>Dilemma | -0.055          | -0.130  | 0.022     | -2.52    | 0.012           | 0.021                        | [-0.10, -0.01] |
| Pride → Trolley<br>Dilemma                   | 0.101           | 0.114   | 0.053     | 1.92     | 0.055           |                              | [-0.00, 0.21]  |
| Group →<br>Trolley<br>Dilemma                | -0.562          | -0.135  | 0.219     | -2.57    | 0.010           | 0.019                        | [-0.99, -0.14] |
| Indirect via Pride                           | 0.249           | 0.060   | 0.132     | 1.88     | 0.060           |                              | [-0.01, 0.51]  |
| Indirect via<br>National Identity            | 0.123           | 0.029   | 0.059     | 2.09     | 0.037           | 0.060                        | [0.02, 0.25]   |
| Serial Indirect                              | -0.147          | -0.035  | 0.063     | -2.32    | 0.020           | 0.035                        | [-0.28, -0.03] |

**Supplementary Table S6**

*Serial Mediation Model with Group as Independent Variable, Trolley Dilemma as Dependent Variable, Pride and Collective Narcissism as Mediators*

| Path                                          | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>z</i> | <i>p</i> -value | Corrected<br><i>p</i> -value | 95% CI         |
|-----------------------------------------------|-----------------|---------|-----------|----------|-----------------|------------------------------|----------------|
| Group → Pride                                 | 2.468           | 0.524   | 0.173     | 14.29    | < .001          | < .001                       | [2.13, 2.80]   |
| Group →<br>Collective<br>Narcissism           | -3.983          | -0.257  | 0.660     | -6.03    | < .001          | < .001                       | [-5.31, -2.69] |
| pride → Collective<br>Narcissism              | 1.754           | 0.534   | 0.143     | 12.27    | < .001          | < .001                       | [1.47, 2.03]   |
| Collective<br>Narcissism →<br>Trolley Dilemma | -0.015          | -0.054  | 0.014     | -1.06    | 0.287           |                              | [-0.04, 0.01]  |
| Pride → Trolley<br>Dilemma                    | 0.067           | 0.076   | 0.053     | 1.27     | 0.206           |                              | [-0.04, 0.17]  |
| Group → Trolley<br>Dilemma                    | -0.497          | -0.119  | 0.220     | -2.26    | 0.024           | 0.040                        | [-0.92, -0.07] |
| Indirect via Pride                            | 0.165           | 0.040   | 0.132     | 1.25     | 0.210           |                              | [-0.10, 0.42]  |
| Indirect via<br>Collective<br>Narcissism      | 0.058           | 0.014   | 0.057     | 1.01     | 0.310           |                              | [-0.05, 0.18]  |
| Serial Indirect                               | -0.063          | -0.015  | 0.060     | -1.06    | 0.289           |                              | [-0.18, 0.05]  |

**Supplementary Table S7**

*Serial Mediation Model with Group as Independent Variable, Footbridge Dilemma as  
Dependent Variable, Pride and National Identity as Mediators*

| Path                                            | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>z</i> | <i>p</i> -value | Corrected<br><i>p</i> -value | 95% CI         |
|-------------------------------------------------|-----------------|---------|-----------|----------|-----------------|------------------------------|----------------|
| Group → Pride                                   | 2.468           | 0.524   | 0.175     | 14.09    | < .001          | < .001                       | [2.12, 2.81]   |
| Group →<br>National<br>Identity                 | -2.239          | -0.227  | 0.535     | -4.18    | < .001          | < .001                       | [-3.23, -1.13] |
| Pride →<br>National<br>Identity                 | 1.081           | 0.517   | 0.111     | 9.72     | < .001          | < .001                       | [0.86, 1.29]   |
| National<br>Identity →<br>Footbridge<br>Dilemma | -0.033          | -0.084  | 0.021     | -1.61    | 0.108           |                              | [-0.08, 0.01]  |
| Pride →<br>Footbridge<br>Dilemma                | 0.096           | 0.116   | 0.047     | 2.02     | 0.043           | 0.069                        | [0.01, 0.19]   |
| Group →<br>Footbridge<br>Dilemma                | -0.399          | -0.102  | 0.198     | -2.02    | 0.043           | 0.069                        | [-0.79, -0.01] |
| Indirect via Pride                              | 0.236           | 0.061   | 0.119     | 1.99     | 0.046           | 0.071                        | [0.01, 0.48]   |
| Indirect via<br>National Identity               | 0.074           | 0.019   | 0.052     | 1.43     | 0.153           |                              | [-0.01, 0.20]  |
| Serial Indirect                                 | -0.089          | -0.023  | 0.057     | -1.55    | 0.121           |                              | [-0.21, 0.01]  |

**Supplementary Table S8***Serial Mediation Model with Group as Independent Variable, Footbridge Dilemma as**Dependent Variable, Pride and Collective Narcissism as Mediators*

| Path                                                | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>z</i> | <i>p</i> -value | Corrected<br><i>p</i> -value | 95% CI         |
|-----------------------------------------------------|-----------------|---------|-----------|----------|-----------------|------------------------------|----------------|
| Group → Pride                                       | 2.468           | 0.524   | 0.175     | 14.10    | < .001          | < .001                       | [2.11, 2.80]   |
| Group →<br>Collective<br>Narcissism                 | -3.983          | -0.257  | 0.655     | -6.08    | < .001          | < .001                       | [-5.29, -2.69] |
| pride → Collective<br>Narcissism                    | 1.754           | 0.534   | 0.143     | 12.25    | < .001          | < .001                       | [1.47, 2.03]   |
| Collective<br>Narcissism →<br>Footbridge<br>Dilemma | 0.014           | 0.055   | 0.014     | 1.01     | 0.314           |                              | [-0.01, 0.04]  |
| Pride →<br>Footbridge<br>Dilemma                    | 0.036           | 0.043   | 0.047     | 0.76     | 0.449           |                              | [-0.05, 0.13]  |
| Group →<br>Footbridge<br>Dilemma                    | -0.269          | -0.069  | 0.204     | -1.32    | 0.187           |                              | [-0.68, 0.13]  |
| Indirect via Pride                                  | 0.088           | 0.023   | 0.116     | 0.76     | 0.449           |                              | [-0.13, 0.32]  |
| Indirect via<br>Collective<br>Narcissism            | -0.055          | -0.014  | 0.056     | -0.98    | 0.325           |                              | [-0.17, 0.06]  |
| Serial Indirect                                     | 0.060           | 0.015   | 0.060     | 0.99     | 0.321           |                              | [-0.06, 0.18]  |

**Supplementary Table S9**

*Serial Mediation Model with Group as Independent Variable, Impartial Beneficence as Dependent Variable, Pride and National Identity as Mediators*

| Path                                               | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>z</i> | <i>p</i> -value | Corrected<br><i>p</i> -value | 95% CI         |
|----------------------------------------------------|-----------------|---------|-----------|----------|-----------------|------------------------------|----------------|
| Group → Pride                                      | 2.468           | 0.524   | 0.175     | 14.13    | < .001          | < .001                       | [2.12, 2.81]   |
| Group →<br>National<br>Identity                    | -2.239          | -0.227  | 0.533     | -4.20    | < .001          | < .001                       | [-3.24, -1.15] |
| Pride →<br>National<br>Identity                    | 1.081           | 0.517   | 0.111     | 9.70     | < .001          | < .001                       | [0.86, 1.30]   |
| National<br>Identity →<br>Impartial<br>Beneficence | -0.056          | -0.203  | 0.013     | -4.26    | < .001          | < .001                       | [-0.08, -0.03] |
| Pride →<br>Impartial<br>Beneficence                | 0.144           | 0.247   | 0.034     | 4.26     | < .001          | < .001                       | [0.08, 0.21]   |
| Group →<br>Impartial<br>Beneficence                | -0.427          | -0.156  | 0.140     | -3.05    | 0.002           | 0.005                        | [-0.70, -0.15] |
| Indirect via Pride                                 | 0.355           | 0.129   | 0.088     | 4.05     | < .001          | < .001                       | [0.19, 0.54]   |
| Indirect via<br>National Identity                  | 0.126           | 0.046   | 0.046     | 2.72     | 0.007           | 0.013                        | [0.05, 0.23]   |
| Serial Indirect                                    | -0.150          | -0.055  | 0.044     | -3.44    | < .001          | 0.001                        | [-0.25, -0.07] |

# Supplementary Table S10

*Serial Mediation Model with Group as Independent Variable, Impartial Beneficence as Dependent Variable, Pride and Collective Narcissism as Mediators*

| Path                                                   | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>z</i> | <i>p</i> -value | Corrected<br><i>p</i> -value | 95% CI         |
|--------------------------------------------------------|-----------------|---------|-----------|----------|-----------------|------------------------------|----------------|
| Group → Pride                                          | 2.468           | 0.524   | 0.172     | 14.34    | < .001          | < .001                       | [2.12, 2.80]   |
| Group →<br>Collective<br>Narcissism                    | -3.983          | -0.257  | 0.671     | -5.94    | < .001          | < .001                       | [-5.30, -2.67] |
| pride → Collective<br>Narcissism                       | 1.754           | 0.534   | 0.144     | 12.21    | < .001          | < .001                       | [1.46, 2.03]   |
| Collective<br>Narcissism →<br>Impartial<br>Beneficence | -0.011          | -0.065  | 0.010     | -1.13    | 0.260           |                              | [-0.03, 0.01]  |
| Pride → Impartial<br>Beneficence                       | 0.103           | 0.177   | 0.035     | 2.90     | 0.004           | 0.007                        | [0.03, 0.17]   |
| Group → Impartial<br>Beneficence                       | -0.347          | -0.127  | 0.147     | -2.37    | 0.018           | 0.031                        | [-0.63, -0.05] |
| Indirect via Pride                                     | 0.254           | 0.093   | 0.090     | 2.84     | 0.005           | 0.009                        | [0.08, 0.43]   |
| Indirect via<br>Collective<br>Narcissism               | 0.046           | 0.017   | 0.043     | 1.06     | 0.287           |                              | [-0.03, 0.14]  |
| Serial Indirect                                        | -0.050          | -0.018  | 0.045     | -1.11    | 0.267           |                              | [-0.14, 0.03]  |

**Supplementary Table S11***Moderation Model with Group as Independent Variable, Instrumental Harm as Dependent**Variable, Political Orientation as Moderator*

| Moderator                | Path                 | <i>Esti<br/>mate</i> | $\beta$ | <i>SE</i> | <i>t</i> | <i>p</i> -<br>value | Corrected<br><i>p</i> -value | 95% CI        |
|--------------------------|----------------------|----------------------|---------|-----------|----------|---------------------|------------------------------|---------------|
| Political<br>Orientation | Intercept            | 3.28                 |         | 0.09      | 39.51    | <<br>.001           | < .001                       | [3.11, 3.44]  |
|                          | Group                | -0.30                |         | 0.12      | -2.53    | .012                | .021                         | [-0.53 -0.07] |
|                          | Moderator            | 0.21                 | 0.08    | 0.09      | 2.42     | 0.016               | .023                         | [0.04, 0.38]  |
|                          | Group ×<br>Moderator | -0.22                | -0.08   | 0.12      | -1.84    | 0.066               |                              | [-0.45, 0.01] |

# Supplementary Table S12

*Moderation Model with Group as Independent Variable, Instrumental Harm as Dependent*

*Variable, Musical Education, Favorite Musical Genre, Listening Frequency as Moderators*

| Moderator         | Path                     | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>t</i> | <i>p</i> -value | Corrected <i>p</i> -value | 95% CI         |
|-------------------|--------------------------|-----------------|---------|-----------|----------|-----------------|---------------------------|----------------|
| Musical Education | Intercept                | 3.27            |         | 0.08      | 39.26    | < .001          | < .001                    | [3.1, 3.43]    |
|                   | Group                    | -0.29           |         | 0.12      | -2.44    | 0.015           | .030                      | [-0.52, -0.06] |
|                   | Moderator                | 0.01            | 0.01    | 0.08      | 0.18     | 0.860           |                           | [-0.14, 0.17]  |
|                   | Group $\times$ Moderator | -0.11           | -0.05   | 0.12      | -0.91    | 0.366           |                           | [-0.34, 0.13]  |
| Smooth            | Intercept                | 3.27            |         | 0.08      | 39.60    | < .001          | < .001                    | [3.11, 3.44]   |
|                   | Group                    | -0.30           |         | 0.12      | -2.56    | 0.011           | .030                      | [-0.53, -0.07] |
|                   | Moderator                | 0.20            | 0.15    | 0.08      | 2.55     | 0.011           | .030                      | [0.05, 0.36]   |
|                   | Group $\times$ Moderator | -0.08           | -0.04   | 0.12      | -0.68    | 0.499           |                           | [-0.31, 0.15]  |
| Unpretentious     | Intercept                | 3.26            |         | 0.08      | 39.21    | < .001          | < .001                    | [3.1, 3.43]    |
|                   | Group                    | -0.29           |         | 0.12      | -2.50    | 0.013           | .030                      | [-0.52, -0.06] |
|                   | Moderator                | -0.07           | -0.05   | 0.08      | -0.85    | 0.398           |                           | [-0.23, 0.09]  |
|                   | Group $\times$ Moderator | 0.22            | 0.11    | 0.12      | 1.89     | 0.060           |                           | [-0.01, 0.45]  |
| Sophisticated     | Intercept                | 3.27            |         | 0.08      | 39.40    | < .001          | < .001                    | [3.1, 3.43]    |
|                   | Group                    | -0.29           |         | 0.12      | -2.45    | 0.014           | .030                      | [-0.52, -0.06] |
|                   | Moderator                | 0.17            | 0.13    | 0.09      | 2.05     | 0.041           | .067                      | [0.01, 0.34]   |
|                   | Group $\times$ Moderator | -0.10           | -0.05   | 0.12      | -0.85    | 0.398           |                           | [-0.33, 0.13]  |
| Loud              | Intercept                | 3.27            |         | 0.08      | 39.44    | < .001          | < .001                    | [3.10, 3.43]   |
|                   | Group                    | -0.29           |         | 0.12      | -2.45    | 0.014           | .030                      | [-0.52, -0.06] |
|                   | Moderator                | 0.10            | 0.07    | 0.08      | 1.19     | 0.234           |                           | [-0.07, 0.27]  |
|                   | Group $\times$ Moderator | 0.08            | 0.04    | 0.12      | 0.66     | 0.510           |                           | [-0.15, 0.31]  |

| Moderator          | Path                     | <i>Estimate</i> | $\beta$ | <i>SE</i> | <i>t</i> | <i>p</i> -value | Corrected <i>p</i> -value | 95% CI         |
|--------------------|--------------------------|-----------------|---------|-----------|----------|-----------------|---------------------------|----------------|
| Rhythmic           | Intercept                | 3.26            |         | 0.08      | 39.68    | < .001          | < .001                    | [3.1, 3.42]    |
|                    | Group                    | -0.28           |         | 0.12      | -2.38    | 0.018           | .031                      | [-0.5, -0.05]  |
|                    | Moderator                | 0.23            | 0.17    | 0.08      | 2.82     | 0.005           | .018                      | [0.07, 0.39]   |
|                    | Group $\times$ Moderator | -0.01           | -0.01   | 0.12      | -0.11    | 0.912           |                           | [-0.24, 0.22]  |
| Listening to Music | Intercept                | 3.26            |         | 0.08      | 39.27    | < .001          | < .001                    | [3.1, 3.43]    |
|                    | Group                    | -0.28           |         | 0.12      | -2.41    | 0.016           | .030                      | [-0.51, -0.05] |
|                    | Moderator                | 0.11            | 0.08    | 0.08      | 1.34     | 0.181           |                           | [-0.05, 0.26]  |
|                    | Group $\times$ Moderator | -0.02           | -0.01   | 0.12      | -0.21    | 0.838           |                           | [-0.26, 0.21]  |