**Supplementary file 4.** Statistical results of the mediation analysis (pain intensity mediated the relationship between decreased BOP and monetary donations) in Experiment 2.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variable | *Coeff* | *SE* | *t* | *p* | *LLCI* | *ULCI* |
| Regression Model 1 (Total effect of *decreased BOP* on monetary donation) |  |  |
| Independent: Decreased BOP | -0.054 | 0.011 | -4.721 | < 0.001 | -0.077 | -0.031 |
| Dependent: Monetary donation |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Regression Model 2 (Decreased BOP to *pain intensity*) |  |  |
| Independent: Decreased BOP | -0.025 | 0.010 | -2.661 | 0.010 | -0.443 | -0.006 |
| Mediator: Pain intensity |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Direct effect of pain intensity on monetary donation |  |  |
| Mediator: Pain intensity | 0.621 | 0.135 | 4.583 | < 0.001 | 0.349 | 0.892 |
| Dependent: Monetary donation |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Remaining direct effect of decreased BOP on monetary donation |  |  |
| Independent: Decreased BOP | -0.038 | 0.0104444 | -3.657 | < 0.001 | -0.059 | -0.017 |
| Dependent: Monetary donation |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | ***Coeff*** | ***SE*** | ***LLCI95*** | ***ULC195*** |  |  |
| Indirect effect of decreased BOP on monetary donation via pain intensity (bootstrap result) |
| Pain intensity | -0.016 | 0.006 | -0.027 | -0.005 |  |  |

Notes. Confidence intervals for indirect effect are bias-corrected and accelerated;

bootstrap resamples = 5000; N = 60.