**Supplementary file 3.** Pain intensity, unpleasantness, and monetary donation (mean ± SD) in Experiment 2.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Patient** | **0%-effective Patient** |  | **Patient** | **100%-effective Patient** |  |
|  | **1st\_Round test** | **2nd\_Round test** |  | **1st\_Round test** | **2nd\_Round test** |  |
| **Pain Intensity** | 5.715±1.77 | 6.935±1.49 |  | 5.656±1.68 | 5.158±1.57 |  |
| **Unpleasantness** | 4.275±2.00 | 4.898±2.06 |  | 4.150±2.06 | 3.656±2.24 |  |
| **Monetary Donation** | 3.435±3.10 | 4.485±3.33 |  | 3.365±3.04 | 1.790±2.11 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Statistic Value** |  **ANOVA**  |  **Simple effect (Effective)** | **Simple effect (Phase)** |
| **Value** | **Effectiveness** | **Phase** | **Effectiveness\*Phase** | **0%** | **100%** | **1st\_Round** | **2nd\_Round** |
| **Pain Intensity** | F | 50.946 | 5.106 | 70.205 | 48.055 | 6.017 | 0.486 | 67.054 |
| P | <0.001 | 0.028 | <0.001 | <0.001 | 0.017 | 0.489 | <0.001 |
| ηp2 | 0.463 | 0.080 | 0.543 | 0.449 | 0.093 | 0.008 | 0.532 |
| 90% CI | (0.303, 0.575) | (0.005, 0.202) | (0.392, 0.641) | (0.287, 0.563) | (0.009, 0.218) | (0, 0.082) | (0.379, 0.631) |
| **Unpleasantness** | F | 35.615 | 0.277 | 45.494 | 28.928 | 8.025 | 1.590 | 51.218 |
| P | <0.001 | 0.600 | <0.001 | <0.001 | 0.006 | 0.212 | <0.001 |
| ηp2 | 0.376 | 0.005 | 0.435 | 0.329 | 0.120 | 0.026 | 0.465 |
| 90% CI | (0.214, 0.501) | (0, 0.069) | (0.273, 0.551) | (0.169, 0.459) | (0.020, 0.251) | (0, 0.122) | (0.304, 0.576) |
| **Monetary Donation** | F | 68.897 | 2.053 | 65.517 | 23.453 | 34.127 | 1.086 | 70.206 |
| P | <0.001 | 0.157 | <0.001 | <0.001 | <0.001 | 0.302 | <0.001 |
| ηp2 | 0.539 | 0.034 | 0.526 | 0.284 | 0.366 | 0.018 | 0.543 |
| 90% CI | (0.387, 0.637) | (0, 0.135) | (0.373, 0.627) | (0.130, 0.418) | (0.204, 0.492) | (0, 0.106) | (0.392, 0.641) |

Note: Effect size is indexed as the partial eta-squared value. The 90% CIs are reported for partial eta-squared value.