**Table S2.** Results of group manipulation check (Mean (SD)).

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Revenge group** |  | **Control group** |  | Group\* |  | Manipulation\* |  | Involvement\* |  | Group×Manipulation\* |
|  |  | **In** | **Out** |  | **In** | **Out** |  | F, p, η2p |  | F, p, η2p |  | F, p, η2p |  | F, p, η2p |
| **Empathy** | **Involved** | 6.68(2.04) | 5.93(2.34) |  | 6.53(2.09) | 6.53(2.24) |  | F = 8.21**p = .006**η2p = .095 |  | F = 0.06p = .856η2p = .001 | F = 0.37p = .657η2p = .005 |  | F = 1.08p = .700η2p = .014 |
| **Uninvolved** | 6.55(1.88) | 6.13(2.13) |  | 6.58(1.81) | 6.03(2.03) |  |  |  |  |
| **Unpleasant** | **Involved** | 4.55(2.22) | 4.15(2.14) |  | 4.43(2.43) | 3.55(1.84) |  | F = 5.37**p = .026**η2p = .064 |  | F = 0.43p = .856η2p = .005 |  | F = 3.88p = .424η2p = .047 |  | F = 0.88p = .700η2p = .011 |
| **Uninvolved** | 3.98(2.43) | 3.83(2.15) |  | 3.98(2.14) | 3.55(1.95) |  |  |  |  |
| **Anger** | **Involved** | 2.85(2.05) | 2.10(1.41) |  | 2.70(2.15) | 2.05(1.43) |  | F = 9.68**p = .005**η2p = .110 |  | F = 0.14p = .856η2p = .002 |  | F = 0.58p = .657η2p = .007 |  | F < 0.01p > .999η2p < .001 |
| **Uninvolved** | 2.60(1.96) | 2.23(1.62) |  | 2.50(1.87) | 2.05(1.50) |  |  |  |  |
| **Fear** | **Involved** | 2.88(2.29) | 2.35(1.70) |  | 2.68(2.32) | 2.10(1.79) |  | F = 3.95**p = .050**η2p = .048 |  | F = 0.39p = .856η2p = .005 |  | F < 0.01p = .954η2p < .001 |  | F = 0.05p > .999η2p = .001 |
| **Uninvolved** | 2.63(2.13) | 2.65(1.98) |  | 2.40(1.75) | 2.35(1.72) |  |  |  |  |
| **Schadenfreude** | **Involved** | 1.60(1.06) | 2.25(1.78) |  | 1.55(1.06) | 2.40(1.92) |  | F = 14.91**p <.001**η2p = .160 |  | F = 0.06p = .856η2p = .001 |  | F = 0.61p = .657η2p = .008 |  | F < 0.01p > 0.999η2p < .001 |
| **Uninvolved** | 1.68(1.10) | 2.25(1.69) |  | 1.60(1.34) | 1.98(1.58) |  |  |  |  |
| **Like** | **Involved** | 5.15(1.61) | 4.70(1.60) |  | 5.55(1.88) | 4.60(1.89) |  | F = 23.57**p <.001**η2p = .232 |  | F = 0.06p = .856η2p = .001 |  | F = 2.06p = .573η2p = .026 |  | F = 3.68p = .236η2p = .045 |
| **Uninvolved** | 5.10(1.61) | 4.58(1.34) |  | 5.48(1.83) | 4.18(1.82) |  |  |  |  |
| **Trust** | **Involved** | 5.50(1.47) | 4.73(1.50) |  | 5.70(1.81) | 4.30(2.00) |  | F = 28.62**p <.001**η2p = .268 |  | F = 0.90p = .856η2p =.011 |  | F = 0.32p = .657η2p = .004 |  | F = 4.28p = .236η2p = .052 |
| **Uninvolved** | 5.40(1.63) | 4.93(1.02) |  | 5.50(1.87) | 4.08(1.97) |  |  |  |  |
| **Punish** | **Involved** | 2.18(1.47) | 3.28(2.06) |  | 2.15(1.58) | 3.15(2.11) |  | F = 27.19**p <.001**η2p = .259 |  | F = 0.03p = .856η2p < 0.001 |  | F = 1.57p = .573η2p = .020 |  | F = 0.12p > .999η2p = .001 |
| **Uninvolved** | 2.35(1.49) | 3.05(1.77) |  | 2.38(2.00) | 3.43(2.10) |  |  |  |  |
| \*We conducted a repeated-ANOVA for each measurement with Involvement (Involved vs. Uninvolved targets) and Group (Ingroup vs. Outgroup targets) as the within-subject variables and Manipulation (Revenge vs. Control group) as the between-subject variable. All p values are reported after multiple comparison FDR correction.  |