Supplementary Table 1

*Correlation Matrix of Sample 1 & 2 Variables*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **1** Self-reported ID | 1 | X | .39\*\*\* | .25\*\*\* | .55\*\*\* | -.09 | .04 |
| **2** Suicide Attempts | .07\* | 1 | X | X | x | X | X |
| **3** Suicidal Ideation | .20\*\*\* | .34\*\*\* | 1 | .17\*\* | .47\*\*\* | .02 | .01 |
| **4** NSSI | .19\*\*\* | .36\*\*\* | .36\*\*\* | 1 | .35\*\*\* | .07 | .11\* |
| **5** Depression | .57\*\*\* | .13\*\*\* | .27\*\*\* | .22\*\*\* | 1 | -.08 | .19\*\*\* |
| **6** Gender | -.14\*\*\* | -.02 | -.01 | -.02 | -.03 | 1 | .01 |
| **7** Age | -.09\*\* | .06\* | .03 | .10\*\*\* | -.02 | -.01 | 1 |

Notes: Sample 1 is described above the diagonal and Sample 2 below the diagonal; \**p < .*05; \*\**p < .*01; \*\*\**p < .*001; ID = Interoceptive Deficits; Suicide Attempt data were not available in Study 1; NSSI = Non-Suicidal Self-Injury Versatility; For details including specific measures used for each variable, please see the Method section.

Supplementary Table 2

*Correlation Matrix of Sample 3 & 4 Variables*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **1** Self-reported ID | 1 | .11 | .12 | .21\*\* | .53\*\*\* | -.22\*\* | -.07 |
| **2** Suicide Attempts | .07 | 1 | .05 | .25\*\* | .06 | -.07 | .24\*\* |
| **3** Suicidal Ideation | .13 | .39\*\*\* | 1 | .20\*\* | .25\*\* | -.03 | -.06 |
| **4** NSSI | .27\*\* | .29\*\* | .11 | 1 | .09 | -.15\* | .07 |
| **5** Depression | .42\*\*\* | .13 | .56\*\*\* | .15 | 1 | -.11 | -.05 |
| **6** Gender | -.03 | .37 | -.06 | -.17 | .29\*\* | 1 | .07 |
| **7** Age | -.35\*\*\* | -.19 | .00 | -.23\* | -.22\* | -.07 | 1 |

Notes: Sample 3 is described above the diagonal and Sample 4 below the diagonal; \**p < .*05; \*\**p < .*01; \*\*\**p < .*001; ID = Interoceptive Deficits; NSSI = Non-Suicidal Self-Injury Versatility; For details including specific measures used for each variable, please see the Method section.

Supplementary Table 3

*Correlation Matrix of Sample 5 & 6 Variables*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **1** Self-reported ID | 1 | .29\*\*\* | .46\*\*\* | .45\*\*\* | .60\*\*\* | -.03 | -.23\*\* |
| **2** Suicide Attempts | .25\*\*\* | 1 | .48\*\*\* | .41\*\*\* | .33\*\*\* | -.12 | -.01 |
| **3** Suicidal Ideation | .39\*\*\* | .41\*\*\* | 1 | .48\*\*\* | .73\*\*\* | .06 | -.11 |
| **4** NSSI | .40\*\*\* | .25\*\*\* | .43\*\*\* | 1 | .41\*\*\* | -.15\* | -.12 |
| **5** Depression | .69\*\*\* | .36\*\*\* | .48\*\*\* | .40\*\*\* | 1 | .09 | -.05 |
| **6** Gender | -.12\*\* | .02 | .12\* | -.04 | -.01 | 1 | -.20\*\* |
| **7** Age | .05 | .16\*\* | .03 | -.03 | -.004 | -.19\*\*\* | 1 |

Notes: Sample 5 is described above the diagonal and Sample 6 below the diagonal; \**p < .*05; \*\**p < .*01; \*\*\**p < .*001; ID = Interoceptive Deficits; NSSI = Non-Suicidal Self-Injury Versatility; For details including specific measures used for each variable, please see the Method section.

Supplementary Table 4

*Correlation Matrix of Sample 7 Variables*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **1** Self-reported ID | 1 | .28\*\*\* | .58\*\*\* | .43\*\*\* | .64\*\*\* | -.17\*\* | .24\*\*\* |
| **2** Suicide Attempts |  | 1 | .49\*\*\* | .26\*\*\* | .32\*\*\* | -.15\*\* | .07 |
| **3** Suicidal Ideation |  |  | 1 | .55\*\*\* | .67\*\*\* | -.14\*\* | .16\*\* |
| **4** NSSI |  |  |  | 1 | .53\*\*\* | -.12\* | .09 |
| **5** Depression |  |  |  |  | 1 | -.23\*\*\* | .17\*\* |
| **6** Gender |  |  |  |  |  | 1 | .14\*\* |
| **7** Age |  |  |  |  |  |  | 1 |

Notes: \**p < .*05; \*\**p < .*01; \*\*\**p < .*001; ID = Interoceptive Deficits; NSSI = Non-Suicidal Self-Injury Versatility; For details including specific measures used for each variable, please see the Method section.

Supplementary Table 5

*Effect of Self-Reported Interoceptive Deficits on Suicide Ideation & Attempts*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Suicidal Ideation | | | | |  | Suicide Attempts | | | |
|  | Model Statistics | | Self-Reported ID | | |  |
|  |  | R2 | b | t/\*SE | *p* |  | Est | SE | z | *p* |
| Sample 1 | F(1,382) = 67.68, *p* <.001 | .151 | .150 | 8.23 | <.001 |  | -- | -- | -- | -- |
| Sample 2 | χ2 (1) = 50.42, *p* <.001 | .062 | .608 | \*.08 | <.001 |  | .449 | .205 | 2.19 | .03 |
| Sample 3 | F(1,191) = 2.85, *p* =.09 | .015 | .300 | 1.69 | .09 |  | .351 | .251 | 1.40 | .16 |
| Sample 4 | F(1,100) = 1.58, *p* =.21 | .016 | .558 | 1.26 | .21 |  | .178 | .363 | .491 | .62 |
| Sample 5 | F(1,202) = 55.26, *p* <.001 | .215 | 2.67 | 7.43 | <.001 |  | .895 | .283 | 3.17 | .002 |
| Sample 6 | χ2 (2) = 68.36, *p* <.001 | .217 | .987 | \*.13 | <.001 |  | 1.07 | .260 | 4.13 | <.001 |
| Sample 7 | F(1,397) = 196.46, *p* <.001 | .329 | .575 | 14.02 | <.001 |  | 1.49 | .319 | 4.66 | <.001 |

Notes: The analyses for Samples 2 & 6 used logistic regression to test the relationship with suicidal ideation. These analyses report Standard Error (SE) instead of a t-score and Naglekerke R2 instead of the standard R2. All other ideation analyses use linear regression and all attempt analyses use zero-inflated negative binomial analyses. ID = Interoceptive Deficits; b = beta; Est = Estimate