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| **Supplemental Table 1** Bivariate correlations among main study variables | | | | | | | | |
| Total sample | | | | | | | | |
|  | CVA | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Age | -.18 | .005 | .030 | -.011 | -.044 | -.049 | .034 | .088 |
| BMI | -.096 | -.16 | -.16 | -.14 | -.12 | -.073 | -.067 | -.10 |
| Physical activity level | .35\*\* | -.19 | -.12 | -.17 | -.19 | .072 | -.21 | -.16 |
| HF peak | .22 | .12 | .11 | .17 | .012 | .0070 | .063 | .18 |
| ADHD-RS | -.16 | .25\* | .16 | .21 | .21 | .18 | .13 | .22 |
| CVA |  | -2.9\* | -.18 | -.16 | -.20 | -.08 | -.37\*\* | -.24\* |
| DERS |  |  |  |  |  |  |  |  |
| 1 TOTAL |  |  | .78\*\* | .86\*\* | .88\*\* | .13 | .85\*\* | .81\*\* |
| 2 NONACCEPTANCE |  |  |  | .63\*\* | .67\*\* | -.17 | .66\*\* | .62\*\* |
| 3 GOALS |  |  |  |  | .75\*\* | -.15 | .80\*\* | .57\*\* |
| 4 IMPULSE |  |  |  |  |  | -.002 | .72\*\* | .64\*\* |
| 5 AWARENESS |  |  |  |  |  |  | -.19 | .25\* |
| 6 STRATEGIES |  |  |  |  |  |  |  | .56\*\* |
| 7 CLARITY |  |  |  |  |  |  |  |  |
| ADHD group | | | | | | | | |
|  | CVA | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Age | -.28 | .052 | -.015 | .035 | -.055 | .056 | .038 | .26 |
| BMI | -.027 | -.32 | -.22 | -.30 | -.32 | -.11 | -.15 | -.23 |
| Physical activity level | -.013 | .044 | .072 | -.13 | .13 | .24 | -.081 | .068 |
| HF peak | .077 | .28 | .24 | .29 | .22 | -.046 | .19 | .36\* |
| ADHD-RS | .034 | -.22 | -.11 | -.13 | -.31 | .046 | -.16 | -.24 |
| CVA |  | -.27 | -.13 | -.11 | -.13 | -.078 | -.41\* | -.29 |
| DERS |  |  |  |  |  |  |  |  |
| 1 TOTAL |  |  | .86\*\* | .84\*\* | .88\*\* | -.019 | .87\*\* | .75\*\* |
| 2 NONACCEPTANCE |  |  |  | .72\*\* | .73\*\* | -.18 | .68\*\* | .69\*\* |  |
| 3 GOALS |  |  |  |  | .76\*\* | -.36\* | .78\*\* | .48\*\* |
| 4 IMPULSE |  |  |  |  |  | -.13 | .74\*\* | .55\*\* |
| 5 AWARENESS |  |  |  |  |  |  | -.23 | .15 |
| 6 STRATEGIES |  |  |  |  |  |  |  | .54\*\* |
| 7 CLARITY |  |  |  |  |  |  |  |  |
| Control group | | | | | | | | |
|  | CVA | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Age | -.10 | .049 | .29 | .0010 | .10 | -.17 | .14 | -.092 |
| BMI | -.16 | -.036 | -.23 | .014 | .15 | -.057 | -.020 | -.029 |
| Physical activity level | .53\*\* | -.062 | -.040 | .053 | -.163 | .046 | -.12 | -.067 |
| HF peak | .367\* | -.032 | -.059 | .10 | -.25 | .086 | -.096 | .026 |
| ADHD-RS | -.15 | .26 | .12 | .16 | .28 | .44\* | -.055 | .27 |
| CVA |  | -.20 | -.12 | -.11 | -.18 | -.053 | -.237 | -.59 |
| DERS |  |  |  |  |  |  |  |  |
| 1 TOTAL |  |  | .46\*\* | .85\*\* | .81\*\* | .29 | .75\*\* | .83\*\* |
| 2 NONACCEPTANCE |  |  |  | .30 | .33 | -.28 | .45\*\* | .298 |
| 3 GOALS |  |  |  |  | .65\*\* | .026 | .80\*\* | .60\*\* |
| 4 IMPULSE |  |  |  |  |  | .096 | .55\*\* | .66\*\* |
| 5 AWARENESS |  |  |  |  |  |  | -.24 | .35\* |
| 6 STRATEGIES |  |  |  |  |  |  |  | .45\*\* |
| 7 CLARITY |  |  |  |  |  |  |  |  |
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Note. HF peak: Peak of high frequency heart rate variability; CVA: Cardiac Vagal Activity; DERS TOTAL: Difficulties in Emotion Regulation Scale total score; NONACCEPTANCE: Non-acceptance subscale; GOALS: Goals subscale; IMPULSE: Impulse control subscale; AWARENESS: Emotional awareness subscale; STRATEGIES: Emotion regulation strategies subscale; CLARITY: Emotional clarity subscale; ADHD-RS: ADHD Rating Scale; BMI: Body Mass Index. Table displays Pearson's Correlation Coefficient. \*= *p*<*.*05; \*\* = *p*<.01.