**Supplemental Table 2.** Spearman Rank-Order Correlations of AlAn’s Game Outcomes with Callous Unemotional Traits, and Conduct Disorder Symptoms (see Table 3 from Sakai et al., 2012 for between-study comparisons)

|  |
| --- |
| **BOTH GROUPS (n=71)** |
|  | **Participants’ mean earnings** | **Mean final Red Cross donation** | **Costly Helping** | **ICUTotal** | **CDSx** | **CPCBCLa** | **CPYSR** | **ADHDCBCLa** | **ADHDYSR** |
| Participants’ mean earnings | 1 | -0.89\*\* | -0.92\*\* | 0.35\*\* | 0.31\*\* | 0.25\* | 0.27\* | 0.08 | 0.09 |
| Mean final Red Cross donation |  | 1 | 0.98\*\* | -0.37\*\* | -0.35\*\* | -0.29\* | -0.28\* | -0.10 | -0.16 |
| Costly Helping |  |  | 1 | -0.35\*\* | -0.31\*\* | -0.27\* | -0.23 | -0.07 | -0.08 |
| ICUTotal |  |  |  | 1 | 0.49\*\* | 0.35\*\* | 0.45\*\* | 0.30\* | 0.38\*\* |
| CDSx |  |  |  |  | 1 | 0.59\*\* | 0.73\*\* | 0.43\*\* | 0.45\*\* |
| CPCBCL |  |  |  |  |  | 1 | 0.58\*\* | 0.79\*\* | 0.41\*\* |
| CPYSR |  |  |  |  |  |  | 1 | 0.51\*\* | 0.65\*\* |
| ADHDCBCL |  |  |  |  |  |  |  | 1 | 0.49\*\* |
| **WITHIN PATIENTS (n=45)** |
|  | **Participants’ mean earnings** | **Mean final Red Cross donation** | **Costly Helping** | **ICUTotal** | **CDSx** | **CPCBCL** | **CPYSR** | **ADHDCBCLa** | **ADHDYSR** |
| Participants’ mean earnings | 1 | -0.87\*\* | -0.93\*\* | 0.23 | 0.15 | 0.11 | 0.12 | -0.04 | -0.18 |
| Mean final Red Cross donation |  | 1 | 0.97\*\* | -0.28 | -0.24 | -0.07 | -0.11 | 0.09 | 0.05 |
| Costly Helping |  |  | 1 | -0.28 | -0.22 | -0.09 | -0.09 | 0.09 | 0.15 |
| ICUTotal |  |  |  | 1 | 0.10 | -0.08 | 0.07 | -0.03 | 0.11 |
| CDSx |  |  |  |  | 1 | -0.11 | 0.28 | -0.25 | 0.17 |
| CPCBCL |  |  |  |  |  | 1 | 0.08 | 0.63\*\* | 0.003 |
| CPYSR |  |  |  |  |  |  | 1 | 0.12 | 0.56\*\* |
| ADHDCBCL |  |  |  |  |  |  |  | 1 | 0.18 |
| **WITHIN CONTROLS (n=26)** |
|  | **Participants’ mean earnings** | **Mean final Red Cross donation** | **Costly Helping** | **ICUTotal** | **CDSx** | **CPCBCL** | **CPYSR** | **ADHDCBCLa** | **ADHDYSR** |
| Participants’ mean earnings | 1 | -0.88\*\* | -0.88\*\* | 0.27 | 0.20 | 0.35 | 0.18 | -0.09 | 0.26 |
| Mean final Red Cross donation |  | 1 | 0.98\* | -0.30 | -0.28 | 0.51\*\* | -0.09 | 0.05 | -0.24 |
| Costly Helping |  |  | 1 | -0.26 | -0.26 | -0.48\* | -0.05 | 0.08 | -0.19 |
| ICUTotal |  |  |  | 1 | 0.25 | 0.37 | 0.26 | 0.07 | 0.22 |
| CDSx |  |  |  |  | 1 | 0.17 | 0.38 | -0.08 | 0.08 |
| CPCBCL |  |  |  |  |  | 1 | 0.25 | 0.29 | 0.15 |
| CPYSR |  |  |  |  |  |  | 1 | 0.08 | 0.37 |
| ADHDCBCL |  |  |  |  |  |  |  | 1 | 0.26 |

\*p<0.05; \*\* p<0.01. a = Not all parents completed the CBCL (n=66 across groups, 41 patients, 25 controls)

**Abbreviations:** ADHDCBCL=Diagnostic and Statistical Manual-oriented attention-deficit hyperactivity problems raw score from the Child Behavior Checklist; ADHDYSR=Diagnostic and Statistical Manual-oriented attention-deficit hyperactivity problems raw score from the Youth Self Report; CDSx= Whole life conduct disorder symptom count; Costly Helping = the number of Active Trials not taken by participants (range 0-72); CPCBCL = Diagnostic and Statistical Manual-oriented conduct problems scale raw score from the Child Behavior Checklist; CPYSR = Diagnostic and Statistical Manual-oriented conduct problems scale raw score from the Youth Self Report;ICUTotal = total score from the Inventory of Callous and Unemotional Traits.