|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplementary Table 1: Spearman correlations of executive functions and attention domains | | | | | | | | | | | | | | | |
| Group | Domain | Variable | N | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 22q11DS | Visual focal attention | 1. CPT Omission % | 99 | .168 | -.392\*\* | .335\*\* | -.370\*\* | .217\* | .120 | .09 | -.384\*\* | -.442\*\* | .255\* | -.395\*\* | -.252\* |
| 2. CTT Adjusted time part A | 98 | - | -.454\*\* | 0.07 | -.314\*\* | .101 | -.541\*\* | .171 | -.310\*\* | -.322\*\* | .538\*\* | -.162 | -.463\*\* |
| 3. Number of symbols | 99 |  | - | -0.143 | .365\*\* | -.266\*\* | -.056 | -.089 | .423\*\* | .496\*\* | -.397\*\* | .411\*\* | .562\*\* |
| Inhibition | 4. CPT Commission % | 99 |  |  | - | -.122 | .131 | .045 | -.064 | .050 | -.083 | -.033 | -.090 | -.002 |
| 5. Stroop inhibition ratio | 94 |  |  |  | - | -.162 | .02 | -.105 | .387\*\* | .334\*\* | -.358\*\* | .302\*\* | .330\*\* |
| 6. Stop Signal Reaction Time | 93 |  |  |  |  | - | .067 | .097 | -.033 | -.275\*\* | .065 | -.134 | -.146 |
| Cognitive flexibility | 7. CTT Flexibility ratio | 97 |  |  |  |  |  | - | -.031 | -.105 | -.114 | -.116 | -.206\* | .117 |
| 8. Extra dimensional shift errors | 99 |  |  |  |  |  |  | - | -.115 | -.168 | .287\*\* | -.169 | -.193 |
| Updating | 9. Backward span | 99 |  |  |  |  |  |  |  | - | .550\*\* | -.481\*\* | .179 | .290\*\* |
| 10. Letter-number span | 99 |  |  |  |  |  |  |  |  | - | -.450\*\* | .320\*\* | .375\*\* |
| 11. Total between errors | 99 |  |  |  |  |  |  |  |  |  | - | -.267\*\* | -.318\*\* |
| Initiation | 12. Number of animals | 98 |  |  |  |  |  |  |  |  |  |  | - | .300\*\* |
| 13. Number of designs | 92 |  |  |  |  |  |  |  |  |  |  |  | - |
| Controls | Visual focal attention | 1. CPT Omission % | 78 | .287\* | -.512\*\* | .570\*\* | -.279\* | .560\*\* | -.089 | .214 | -.367\*\* | -.258\* | .424\*\* | -.387\*\* | -.358\*\* |
| 2. CTT Adjusted time part A | 76 | - | -.677\*\* | .157 | -.451\*\* | .307\*\* | -.445\*\* | .344\*\* | -.388\*\* | -.488\*\* | .354\*\* | -.480\*\* | -.580\*\* |
| 3. Number of symbols | 78 |  | - | -.484\*\* | .514\*\* | -.494\*\* | .028 | -.380\*\* | .562\*\* | .535\*\* | -.583\*\* | .647\*\* | .695\*\* |
| Inhibition | 4. CPT Commission % | 78 |  |  | - | -.197 | .574\*\* | -.063 | .003 | -.233\* | -.114 | .298\*\* | -.222 | -.440\*\* |
| 5. Stroop inhibition ratio | 76 |  |  |  | - | -.356\*\* | .033 | -.257\* | .404\*\* | .413\*\* | -.333\*\* | .406\*\* | .391\*\* |
| 6. Stop Signal Reaction Time | 71 |  |  |  |  | - | -.113 | .132 | -.423\*\* | -.185 | .220 | -.410\*\* | -.388\*\* |
| Cognitive flexibility | 7. CTT Flexibility ratio | 76 |  |  |  |  |  | - | .012 | .021 | -.029 | .032 | -.014 | .024 |
| 8. Extra dimensional shift errors | 77 |  |  |  |  |  |  | - | -.318\*\* | -.382\*\* | .436\*\* | -.394\*\* | -.316\*\* |
| Updating | 9. Backward span | 78 |  |  |  |  |  |  |  | - | .625\*\* | -.400\*\* | .529\*\* | .514\*\* |
| 10. Letter-number span | 78 |  |  |  |  |  |  |  |  | - | -.412\*\* | .440\*\* | .548\*\* |
| 11. Total between errors | 78 |  |  |  |  |  |  |  |  |  | - | -.492\*\* | -.381\*\* |
| Initiation | 12. Number of animals | 78 |  |  |  |  |  |  |  |  |  |  | - | .554\*\* |
| 13. Number of designs | 75 |  |  |  |  |  |  |  |  |  |  |  | - |
| \*p<.05; \*\*p<.01 (2-tailed) | | | | | | | | | | | | | | | |