Supplemental Table 2: Heritability of neurocognitive outcome measures in this subsample of the MGI data

|  |  |  |  |
| --- | --- | --- | --- |
| **Cognitive Task** | **Processing time** | **Cognitive Task** | **Accuracy** |
| ***h2r*** | **p** | ***h2r*** | **p** |
| **Penn Verbal Reasoning Test** | 0.42 | 0.0006\* | **Penn Line Orientation Test** | 0.30 | 0.01 |
| **Letter N-Back Test** | 0.40 | 0.004 | **Penn Verbal Reasoning Test** | 0.35 | 0.01 |
| **Emotion Recognition**  | 0.27 | 0.01 | **Word Memory**  | 0.19 | 0.15 |
| **Penn Line Orientation Test** | 0.19 | 0.06 | **Letter N-Back Test** | 0.12 | 0.25 |
| **Face Memory** | 0.12 | 0.21 | **Face Memory** | 0.05 | 0.36 |
| **Delayed Visual Object Learning Test** | 0.10 | 0.22 | **Delayed Visual Object Learning Test** | 0.04 | 0.36 |
| **Penn Conditional Elimination Test**  | 0.10 | 0.22 | **Visual Object Learning Test** | 0.04 | 0.38 |
| **Word Memory** | 0.02 | 0.40 | **Delayed Word Memory** | 0.18 | 0.22 |
| **Visual Object Learning Test**  | 0.04 | 0.40 |  |  |  |

**\*Survived correction for multiple testing using the Benjamini-Hochberg procedure for False Discovery Rate at 5%**

Delayed face memory (Accuracy and Processing time), Emotion recognition accuracy and Perseverative errors on Penn Conditional Elimination test did not show heritability. In addition, sensitivity and specificity of Penn Continuous Performance Test showed H2r = 0.1 each that were not statistically significant