**SUPPLEMENTARY MATERIAL**

Reading the Mind in the Eyes and cognitive ability in Schizophrenia- and Autism Spectrum Disorders

**Supplementary Table 1.** Correlations between gender, age, education, IQ and RMET by subsample

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsample** | | **Variable** |  | **RMET** | **Female**  **gender** | **Age** | **Education** |
| **AUMC** |  | Female gender | | 0.01 |  |  |  |
|  | Age | | 0.02 | -0.02 |  |  |
|  | Education (years) | | -0.05 | 0.20 | 0.06 |  |
|  |  | IQ | | **0.42\*** | -0.07 | -0.17 | 0.03 |
| **CUoL** |  | Female gender | | 0.10 |  |  |  |
|  |  | Age | | -0.08 | 0.19\* |  |  |
|  |  | Education (not assessed) | | - | - | - |  |
|  |  | IQ | | **0.40\*\*** | 0.05 | 0.02 |  |
| **KCL** |  | Female gender | | 0.15 |  |  |  |
|  | Age | | -0.10 | -0.12 |  |  |
|  | Education (level) | | 0.17 | **0.20\*** | -0.10 |  |
|  |  | IQ | | **0.54\*\*** | **0.21\*** | 0.12 | **0.26\*** |
| **SCOPE** |  | Gender | | **-0.05\*** |  |  |  |
|  | Age | | **-0.20\*\*** | **0.16\*\*** |  |  |
|  | Education (years) | | **0.34\*\*** | -0.03 | **-0.10\*\*** |  |
|  |  | IQ | | **0.57\*\*** | **-0.16\*\*** | **-0.29\*\*** | **0.34\*\*** |

\*\* Correlation is significant at the 0.01 level (2-tailed). \* Correlation is significant at the 0.05 level (2-tailed). Significant correlations are in bold. Abbreviations. AUMC = Amsterdam Medical Centre, CUoL = City Univeristy of London, IQ = estimated Intelligence Quotient, KCL = King’s College London, RMET = Reading the Mind in the Eyes Test, SCOPE = Social Cognition Psychometric Evaluation Study.

**Supplementary Table 2. Regression analysis of education and IQ on RMET scores by subsample**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subsample** | **Predictor variable\*** | **Beta** | **t** | **p-value** |
| AUMC | Education (years) | -0.19 | -1.6 | 0.11 |
|  | IQ | 0.46 | 4.02 | <0.001 |
| KCL | Education (level) | -0.01 | -0.08 | 0.93 |
|  | IQ | 0.58 | 7.49 | <0.001 |
| SCOPE | Education (years) | 0.09 | 2.93 | 0.003 |
|  | IQ | 0.53 | 17.00 | <0.001 |

Note. \*Age and gender are controlled for in the analysis.

Abbreviations. AUMC = Amsterdam Medical Centre, IQ = estimated Intelligence Quotient, KCL = King’s College London, SCOPE = Social Cognition Psychometric Evaluation Study.

**Supplementary Table 3. Correlations between RMET, IQ and symptoms**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **PANSS P6** | **PANSS pos** | **PANSS neg** | **PANSS gen** | **ADOS** |
| IQ | -0.09 | 0.009 | -0.09\* | 0.06 | -0.13 |
| RMET | -0.06 | -0.10\* | -0.11\*\* | -0.01 | -0.08 |
| RMET corrected for IQ | -0.03 | -0.11\*\* | -0.07\* | -0.04 | -0.02 |

Note. One-tailed test significant at \*\*p < 0.01, \* p < 0.05. P6 suspiciousness/persecution, pos = positive, neg = negative, gen = general.