**Supplementary Material**

**Supplementary Figure 1S.** Relationship between total Autism-Spectrum Quotient (AQ) and Community Assessment of Psychic Experiences – Positive symptoms (CAPEp) scores. The absicissa is of the CAPEp scores which can range from 20-80, and the ordinate is of the AQ scores which can range from 0-50.



**Supplementary Table 1S.** Correlations between the AQ total, AQ domains, and CAPEp total scores

|  |  |
| --- | --- |
|  | CAPEp Total |
| AQ Total | 0.509\* |
| AQ SS | 0.378\* |
| AQ AS | 0.450\* |
| AQ AD | 0.334\* |
| AQ CS | 0.425\* |
| AQ IM | 0.205\* |

Note: AQ = Autism-Spectrum Quotient; AQ SS = AQ Social Skills; AQ AS = AQ Attention Switching; AQ AD = AQ Attention to Detail; AQ CS = AQ Communication; AQ IM = AQ Imagination; CAPEp = Community Assessment of Psychic Experiences – Positive symptoms.

\**pcorr* < 0.001

**Supplementary Table 2S.** Summary of regression coefficients in generalized linear model with Centre for Epidemiological Study Depression Scale – Revised (CESD-R) score as dependent variable

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| --- | --- | --- | --- | --- | --- | --- |
| Variable | *β* | | *S.E.* | Lower 95% Wald C.I. | Upper 95% Wald C.I. | *p* |
| AQ Social Skills Model: (χ2 =336.79, df = 5, pcorr < 0.001, Pseudo R2 = 0.435) | | | | | | |
| Age | | -0.153 | 0.039 | -0.229 | -0.078 | 0.000 |
| Gender = Females | | 3.394 | 1.159 | 1.122 | 5.666 | 0.003 |
| AQ SS | | 4.246 | 0.541 | 3.186 | 5.306 | 0.000 |
| CAPEp | | 7.417 | 0.680 | 6.084 | 8.751 | 0.000 |
| AQ SSxCAPEp | | 0.343 | 0.5566 | -0.748 | 1.434 | 0.538 |
| AQ Communication Skills Model: (χ2 = 327.66, df = 5, pcorr < 0.001, Pseudo R2 = 0.426) | | | | | | |
| Age | | -0.110 | 0.038 | -0.185 | -0.036 | 0.004 |
| Gender = Females | | 3.891 | 1.187 | 1.565 | 6.217 | 0.001 |
| AQ CS | | 4.082 | 0.591 | 2.924 | 5.240 | 0.000 |
| CAPEp | | 7.586 | 0.689 | 6.235 | 8.937 | 0.000 |
| AQ CSxCAPEp | | -0.069 | 0.529 | -1.105 | 0.968 | 0.897 |
| AQ Imagination Model: (χ2 = 275.70, df = 5, pcorr < 0.001, Pseudo R2 = 0.373) | | | | | | |
| Age | | -0.114 | 0.040 | -0.192 | -0.037 | 0.004 |
| Gender = Females | | 3.359 | 1.217 | 0.973 | 5.745 | 0.006 |
| AQ IM | | 0.445 | 0.472 | -0.479 | 1.369 | 0.345 |
| CAPEp | | 9.249 | 0.700 | 7.877 | 10.621 | 0.000 |
| AQ IMxCAPEp | | 0.065 | 0.605 | -1.120 | 1.250 | 0.914 |
| AQ Attention Switching Model: (χ2 = 319.21, df = 5, pcorr < 0.001, Pseudo R2 = 0.418) | | | | | | |
| Age | | -0.082 | 0.039 | -0.158 | -0.005 | 0.036 |
| Gender = Females | | 3.537 | 1.189 | 1.206 | 5.868 | 0.003 |
| AQ AS | | 3.747 | 0.581 | 2.608 | 4.885 | 0.000 |
| CAPEp | | 7.772 | 0.693 | 6.415 | 9.130 | 0.000 |
| AQ ASxCAPEp | | 0.223 | 0.635 | -1.022 | 1.468 | 0.725 |
| AQ Attention to Details Model: (χ2 = 284.22, df = 5, pcorr < 0.001, Pseudo R2 = 0.382) | | | | | | |
| Age | | -0.117 | 0.039 | -0.194 | -0.040 | 0.003 |
| Gender = Females | | 3.126 | 1.202 | 0.771 | 5.481 | 0.009 |
| AQ AD | | 0.123 | 0.532 | -0.919 | 1.165 | 0.817 |
| CAPEp | | 9.907 | 0.669 | 8.595 | 11.219 | 0.000 |
| AQ ADxCAPEp | | -1.319 | 0.465 | -2.302 | -0.480 | 0.003 |

Note: AQ, Autism-Spectrum Quotient; CAPEp, Community Assessment of Psychic Experiences – Positive symptoms.

**Supplementary Table 3S**. Summary of regression coefficients in binary logistic regression model with Deliberate Self Harm Inventory (DSHI) dichotomous variable as dependent variable

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | *β* | *S.E.* | 95% Wald C.I. for β | | *EXP(β)* | 95% Wald C.I. EXP(β) | | *p* | |
| Lower | Upper | Lower | Upper | |  |

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| --- | --- | --- | --- | --- | --- |
| AQ Social Skills Model: (χ2 = 88.95, df = 5, pcorr < 0.001, Pseudo R2 = 0.200) | | | | | |
| Age | -0.043 | 0.012 | -0.067 | -.020 | 0.000 |
| Gender = Females | 0.421 | 0.355 | -0.275 | 1.116 | 0.236 |
| AQ SS | 0.468 | 0.138 | 0.198 | 0.738 | 0.001 |
| CAPEp | 0.746 | 0.181 | 0.390 | 1.101 | 0.000 |
| AQ SSxCAPEp | -0.039 | 0.131 | -0.296 | 0.218 | 0.767 |

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| AQ Communication Skills Model: (χ2 = 90.15, df = 5, pcorr < 0.001, Pseudo R2 = 0.205) |

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| --- | --- | --- | --- | --- | --- |
| Age | -0.037 | 0.011 | -0.059 | -0.015 | 0.001 |
| Gender = Females | 0.487 | 0.354 | -0.206 | 1.179 | 0.169 |
| AQ CS | -.515 | 0.152 | 0.217 | 0.814 | 0.001 |
| CAPEp | 0.824 | 0.173 | 0.484 | 1.163 | 0.000 |
| AQ CSxCAPEp | -0.163 | 0.122 | -0.402 | 0.076 | 0.182 |

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| --- | --- | --- | --- | --- | --- |
| AQ Imagination Model: (χ2 = 79.30, df = 5, pcorr < 0.001, Pseudo R2 = 0.197) | | | | | |
| Age | -0.037 | 0.011 | -0.059 | -0.014 | 0.001 |

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| --- | --- | --- | --- | --- | --- |
| Gender = Females | 0.427 | 0.356 | -0.270 | 1.124 | 0.230 |
| AQ IM | 0.127 | 0.144 | -0.155 | 0.409 | 0.376 |
| CAPEp | 0.920 | 0.165 | 0.597 | 1.243 | 0.000 |
| AQ IMxCAPEp | -0.103 | 0.137 | -0.372 | 0.165 | 0.450 |

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| AQ Attention Switching Model: (χ2 =86.36, df = 5, pcorr < 0.001, Pseudo R2 = 0.194) |

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| --- | --- | --- | --- | --- | --- |
| Age | -0.032 | 0.011 | -0.054 | -0.011 | 0.004 |
| Gender = Females | 0.456 | 0.346 | -0.222 | 1.134 | 0.187 |
| AQ AS | 0.434 | 0.161 | 0.120 | 0.749 | 0.007 |
| CAPEp | 0.903 | 0.181 | 0.549 | 1.258 | 0.000 |
| AQ ASxCAPEp | -0.206 | 0.145 | -0.491 | 0.079 | 0.157 |

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| --- | --- | --- | --- | --- | --- |
| AQ Attention to Details Model: (χ2 =80.12, df = 5, pcorr < 0.001, Pseudo R2 = 0.175) | | | | | |
| Age | -0.037 | 0.011 | -0.059 | -0.014 | 0.001 |

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| --- | --- | --- | --- | --- | --- |
| Gender = Females | 0.407 | 0.348 | -0.275 | 1.089 | 0.242 |
| AQ AD | 0.158 | 0.151 | -0.137 | 0.453 | 0.294 |
| CAPEp | 0.912 | 0.1505 | 0.617 | 1.207 | 0.000 |
| AQ ADxCAPEp | -0.146 | 0.120 | -0.381 | 0.089 | 0.222 |

Note: AQ, Autism-Spectrum Quotient; CAPEp, Community Assessment of Psychic Experiences – Positive symptoms.

**Supplementary Table 4S**. Summary of regression coefficients in generalized linear model with Suicide Behaviors Questionnaire – Revised score (SBQ-R) as dependent variable

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| --- | --- | --- | --- | --- | --- |
| Variable | *β* | *S.E.* | Lower 95% Wald C.I. | Upper 95% Wald C.I. | *p* |

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| --- | --- | --- | --- | --- | --- |
| AQ Social Skills Model: (χ2 = 152.74, df = 5, pcorr < 0.001, Pseudo R2 = 0.228) | | | | | |
| Age | -0.008 | 0.009 | -0.036 | 0.010 | 0.360 |
| Gender = Females | -0.038 | 0.310 | -0.645 | 0.569 | 0.903 |
| AQ SS | 0.835 | 0.148 | 0.546 | 1.125 | 0.000 |
| CAPEp | 1.084 | 0.168 | 0.755 | 1.413 | 0.000 |
| AQ SSxCAPEp | -0.074 | 0.149 | -0.366 | 0.217 | 0.618 |

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| AQ Communication Skills Model: (χ2 = 138.370, df = 5, pcorr < 0.001, Pseudo R2 = 0.209) |

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| --- | --- | --- | --- | --- | --- |
| Age | 0.000 | 0.009 | -0.019 | 0.018 | 0.963 |
| Gender = Females | 0.032 | 0.316 | -0.588 | 0.652 | 0.920 |
| AQ CS | 0.699 | 0.157 | 0.390 | 1.007 | 0.000 |
| CAPEp | 1.061 | 0.163 | 0.741 | 1.381 | 0.000 |
| AQ CSxCAPEp | -0.009 | 0.138 | -0.280 | 0.262 | 0.948 |

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| AQ Imagination Model: (χ2 = 112.15, df = 5, pcorr < 0.001, Pseudo R2 = 0.173) |

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| --- | --- | --- | --- | --- | --- |
| Age | -0.001 | 0.009 | -0.019 | 0.017 | 0.902 |
| Gender = Females | -0.071 | 0.323 | -0.704 | 0.563 | 0.827 |
| AQ IM | 0.054 | -.119 | -0.179 | 0.287 | 0.650 |
| CAPEp | 1.392 | 0.142 | 1.114 | 1.670 | 0.000 |
| AQ IMxCAPEp | -0.059 | 0.144 | -0.341 | 0.223 | 0.680 |

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| AQ Attention Switching Model: (χ2 = 138.00, df = 5, p < 0.001, Pseudo R2 = 0.209) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Age | 0.005 | 0.009 | -0.013 | 0.023 | 0.596 |
| Gender = Females | -0.022 | 0.319 | -0.648 | 0.604 | 0.945 |
| AQ AS | 0.691 | 0.138 | 0.421 | 0.961 | 0.000 |
| CAPEp | 1.087 | 0.157 | 0.778 | 1.395 | 0.000 |
| AQ ASxCAPEp | 0.017 | 0.163 | -0.303 | 0.337 | 0.916 |

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| --- |
| AQ Attention to Details Model: (χ2 = 112.81, df = 5, pcorr < 0.001, Pseudo R2 = 0.174) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Age | -0.001 | 0.009 | -0.020 | 0.017 | 0.876 |
| Gender = Females | -0.091 | 0.322 | -0.721 | 0.539 | 0.777 |
| AQ AD | -0.127 | 0.128 | -0.379 | 0.124 | 0.321 |
| CAPEp | 1.427 | 0.159 | 1.115 | 1.739 | 0.000 |
| AQ ADxCAPEp | -0.042 | 0.169 | -0.373 | 0.288 | 0.802 |

Note: AQ, Autism-Spectrum Quotient; CAPEp, Community Assessment of Psychic Experiences – Positive symptoms.