Supplemental Table S1: Associations of education and occupation with scores on individual cognitive tests

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|  | Model 3: adjusted for age, sex, pre-morbid IQ, depression score |
|  | Paired Associates LearningPossible score range 0 to 26 | Verbal Recognition – free recallPossible score range 0 to 12 | Simple Reaction Time\* (milliseconds) | Spatial Span Possible score range 0 to 9 | Trail-Making Test-B\* (seconds)Maximum 300 seconds | Grooved Pegboard\* (seconds)Maximum 300 seconds |
|  | Meanscore(95% CI) | p-value | partial eta2 | Meanscore(95% CI) | p-value | partial eta2 | Meanscore(95% CI) | p-value | partial eta2 | Meanscore(95% CI) | p-value | partial eta2 | Meanscore(95% CI) | p-value | partial eta2 | Meanscore(95% CI) | p-value | partial eta2 |
| EducationISCED 1/2ISCED 3/4 ISCED 5/6 | 12.5 (11.6, 13.5)13.3 (12.8, 14.0)14.6 (14.0, 15.2) | **0.001** | **0.023** | 5.8 (5.4, 6.2)5.6 (5.4, 6.4)6.1 (5.9, 6.4) | 0.009 | 0.016 | 323 (304, 342)310(299, 321)308 (298, 319) | 0.415 | 0.003 | 4.6 (4.1, 4.9)4.7 (4.6, 4.8)5.0 (4.9, 5.2) | **0.001** | **0.024** | 109 (98 116)111 (106 116)96 (91 100) | **<0.001\*\*** | **0.030** | 91 (85, 97)94(90, 98)91 (87, 95) | 0.475 | 0.003 |
| OccupationSemi-/unskilledSkilled manualSkilled non-manualManagerialProfessional | 13.8 (12.6, 15.1)12.8(11.9, 13.7)13.8 (13.2, 14.4)14.2 (12.9, 15.2)14.3 (13.6, 15.1) | 0.134 | 0.012 | 5.9 (5.5, 6.4)5.5 (5.1, 5.8)5.9(5.6, 6.1)5.8(5.3, 6.2)6.1 (5.9, 6.4) | 0.067 | 0.015 | 306 (285, 330)304 (288, 321)313 (301, 325)313 (292, 335)314 (301, 329) | 0.872 | 0.002 | 4.9 (4.6, 5.2)4.8 (4.5, 5.0)4.8 (4.6, 4.9)4.9 (4.6, 5.1)4.9 (4.7, 5.1) | 0.807 | 0.003 | 109(99, 121)116 (108 125)102 (97, 108)93 (85, 102)99 (94, 106) | **0.002\*\*** | **0.029** | 94 (86, 102)86 (81, 92)95 (92, 100)89 (82, 97)93 (88, 98) | 0.131 | 0.012 |

N=581. Each of the two rows and six columns show separate ANCOVA models associating education and occupation respectively with the individual cognitive tests. Means show estimated marginal means (95% CI). Depression scores, Simple Reaction Time, Trail-Making Test-B and Grooved Pegboard were log-transformed. ISCED, International Standard Classification of Education. \*means shown are geometric means; higher values mean worse performance on these tests. \*\*when education and occupation were entered concurrently into the model, their associations with TMT-B were no longer statistically significant at the Bonferroni-corrected level p<0.004 (education, partial eta2 0.008, p=0.03; occupation, partial eta2 0.020, p=0.02). Bold font, statistically significant following Bonferroni correction (p<0.004).