**Supplementary Material 1.**

**Cognitive tests on the subsample at 16-year-old**

WAIS-R Vocabulary and Block Design [1] Go reaction time Go-RT and SD of the reaction time from The Stop-Signal task [2], Attentional Network Task ANT [3], The Conners Continuous Performance Test II CPT [4], WAIS-III Processing Speed Index, Spatial Span and Letter-Number Sequences from the Wechsler Memory Scale [1], The Verbal Fluency Test and the Fingertip Tapping Test from the NEPSY [5], and the Trail marking test [6].

**Screening instruments on the Oulu Brain and Mind I study**

Life orientation test LOT-R [7], Handedness, Sense of Coherence Scale SOC-13 [8], PROD-screen [9], Schizotypal Personality Questionnaire SPQ-B [10], The Relationship Questionnaire RQ [11], Adult Self Report ASR [12], Parental Bonding Instrument PBI [13], Life Event Checklist LEC [14], Trauma and Distress Scale TADS [15], Magical Ideation Scale MIS [16] and Perceptual Aberration Scale PER [17].

**Cognitive tests on the Oulu Brain and Mind I study**

Vocabulary, Matrix Reasoning and Digit Span WAIS III [18], California Verbal Learning Test - Research Edition (CVLT) [19], Logical Memory WMS-R [1], Verbal fluency, Grooved Pegboard and Cambridge Neuropsychological Test Automated Battery CANTAB tests of Paired Associates Learning PAL [20], Spatial Working Memory SWM, Stockings of Cambridge SOC, Rapid Visual Information Processing RVP and Information Sampling Test.

**Screening instruments on the Oulu Brain and Mind II study**

TADS, Life Orientation Test LOT, NEO Personality Inventory NEO-PI [21], Temperament and Character Inventory TCI [22], participated in an interview including SCID I, Family history of psychiatric disorders, Psychiatric treatment history and Brief Nicotine Dependence Interview SSAGA [23].

**Cognitive tests on the Oulu Brain and Mind II study**

Weichel’s Adult Intelligence Scale WAIS-3 [24], PAL [20], Semantic Fluency [25], the Grooved Pegboard test using dominant hand [26], the Stroop test [27], modified Stop Signal Test MSST from CANTAB.

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