**SUPPLEMENTARY FIGURES**

**Session 1**
- general information & informed consent
- Montreal Cognitive Assessment
- Peabody Picture Vocabulary Test
- Brief Symptom Inventory-18
- questionnaires
- neuropsychological testing I
  - stop-signal task (inhibition)
  - category-switch task (shifting)
  - digit-span task (updating)
- familiarization and practice motor task

**Session 2**
- neuropsychological testing II
  - color-shape task (shifting)
  - keep track task (updating)
  - antisaccade task (inhibition)
  - spatial 2-back task (updating)
  - number-Stroop task (inhibition)
  - number-letter task (shifting)
  - motor task

**Supplementary Figure 1. Description of the study protocol.**

**Supplementary Figure 2. Flow-chart describing the selection of the sample for the current analyses.**