**Supplementary material**

Graphic representation of the pattern of results shown by each participant across all tasks.

**Balloons**

A close up of text on a white background

Description automatically generated

**Sequential matrices**

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Description automatically generated

**Simultaneous matrices**

A close up of text on a white background

Description automatically generated

**Checkerboard reaction times**

A close up of a piece of paper

Description automatically generated

**Checkerboard accuracy**

A close up of text on a white background

Description automatically generated

**Kanji reaction times**

A close up of text on a white background

Description automatically generated

**Kanji accuracy**

A close up of a piece of paper

Description automatically generated

**Tone test reaction times**

A close up of text on a white background

Description automatically generated

**Tone test accuracy**

A close up of a piece of paper

Description automatically generated

**Digit span**

A close up of text on a white background

Description automatically generated