

Experimental group	Operation span	Symmetry span	Flanker congruency effect
Aligned condition	45.84 (4.20)	21.60 (4.07)	78.69 (71.48)
Non-aligned condition	44.08 (5.13)	21.76 (4.52)	64.97 (34.75)

Table S2: Mean partial-credit load scores for automated complex span tasks and mean congruency effect for Flanker task (standard deviations in parentheses). (Underlying data and scripts used to generate graphs are available from <https://osf.io/uhtcn/>.)