

Supplementary Table S4. Sensitivity analyses for the group $\times$ set-size interaction in the percentage of test-array stimuli fixated

Analysis set	Group $\times$ set-size β (95% CI)	p	HC set-size slope β (95% CI)	PWE set-size slope β (95% CI)
Set sizes 2–7 (primary)	–1.545 (–2.465 to –0.625)	0.001	–6.669 (–7.356 to –5.981)	–8.214 (–8.827 to –7.600)
Excluding set size 7	–1.128 (–2.131 to –0.125)	0.027	–7.528 (–8.292 to –6.764)	–8.656 (–9.306 to –8.005)
Excluding set sizes 6–7	–1.225 (–2.436 to –0.014)	0.047	–8.592 (–9.527 to –7.658)	–9.817 (–10.588 to –9.046)
Excluding set size 2	–1.281 (–2.490 to –0.073)	0.038	–4.538 (–5.431 to –3.646)	–5.820 (–6.637 to –5.003)

Note. Outcome: percentage of test-array stimuli fixated. Models: Outcome $\sim$ Group $\times$ (Size – 4) + (1 | participant), fitted by restricted maximum likelihood. The group $\times$ set-size coefficient is the difference in set-size slopes (PWE – HC), in percentage points per one-item increase in set size. In the primary analysis (set sizes 2–7) this interaction was $\beta = -1.545$ (95% CI, –2.465 to –0.625), $p = 0.001$, $q = 0.008$ after Benjamini–Hochberg correction within the Table 4 interaction family. The HC and PWE set-size slopes are the group-specific set-size slopes estimated from the same model. The sensitivity analyses restricted the set-size range in alternative ways to evaluate the influence of the extreme set sizes. The interaction remained negative with $p < 0.05$ in all three restricted analyses, with attenuated magnitude and wider confidence intervals, as expected when the set-size levels contributing most to the difference in slopes are removed. P values for the restricted-range analyses were unadjusted and are interpreted descriptively.