| Model | Choice set size | $$γ$$ | $$ζ$$ | $$v$$ | $$σ$$ | $$τ$$ |
| --- | --- | --- | --- | --- | --- | --- |
| *GLAM+* | *9*  | 0.72 | 2.20 | 3.4e-4 | 0.0067 | 2.63 |
| *GLAM+* | *16*  | 0.64 | 2.88 | 2.9e-4 | 0.0057 | 2.51 |
| *GLAM+* | *25*  | 0.68 | 2.64 | 2.9e-4 | 0.0050 | 2.32 |
| *GLAM+* | *36*  | 0.71 | 2.38 | 2.5e-4 | 0.0047 | 3.02 |
| *GLAM* | *9*  |  |  | 3.5e-4 | 0.0069 | 2.24 |
| *GLAM* | *16*  |  |  | 2.9e-4 | 0.0058 | 2.17 |
| *GLAM* | *25*  |  |  | 2.8e-4 | 0.0052 | 2.36 |
| *GLAM* | *36*  |  |  | 2.6e-4 | 0.0047 | 2.77 |

**Supplementary materials 7.** Mean parameter estimates for the gaze-weighted linear accumulator model with active (GLAM+) and passive (GLAM) account of gaze in the decision process for each choice set size. The GLAM variant used in this work has five parameters, determining its additive ($ζ$) and multiplicative ($γ$) gaze bias, its general accumulation speed ($v$) and noise ($σ$) as well as the sensitivity of the scaling of the relative decision signals (τ).