**S9 Table. Proportion of correct responses in the psychophysics and fMRI experiments.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Proportion correct responses** | attArepA | attVrepA | attArepV | attVrepV |
| **Psychophysics** |  |  |  |  |
| dispN | 0.93 (±0.01) | 0.91 (±0.01) | 0.99 (±0.01) | 0.99 (±0.01) |
| dispL | 0.45 (±0.04) | 0.39 (±0.03) | 0.96 (±0.01) | 0.98 (±0.01) |
| dispH | 0.56 (±0.04) | 0.45 (±0.04) | 0.97 (±0.01) | 0.99 (±0.01) |
| **fMRI** |  |  |  |  |
| dispN | 0.92 (±0.01) | 0.90 (±0.02) | 0.99 (±0.01) | 0.99 (±0.01) |
| dispL | 0.52 (±0.05) | 0.45 (±0.05) | 0.96 (±0.01) | 0.98 (±0.01) |
| dispH | 0.62 (±0.05) | 0.51 (±0.05) | 0.97 (±0.01) | 0.98 (±0.01) |

Across participants' mean (±SEM) as a function of pre-stimulus attention (attA: auditory; attV: visual), post-stimulus report (repA: auditory; repV: visual) and audiovisual spatial disparity (dispN: no disparity; dispL: low; dispH: high).