

Additional Results

Between-pass
Correlation

$$\frac{\sigma_{E_1}^2}{\sigma_{T_1} \sigma_{T_1}} \neq$$

Between-observer
Correlation

$$\frac{\text{cov}(E_1, E_2)}{\sigma_{T_1} \sigma_{T_2}}$$

Between-observer
Partial Correlation

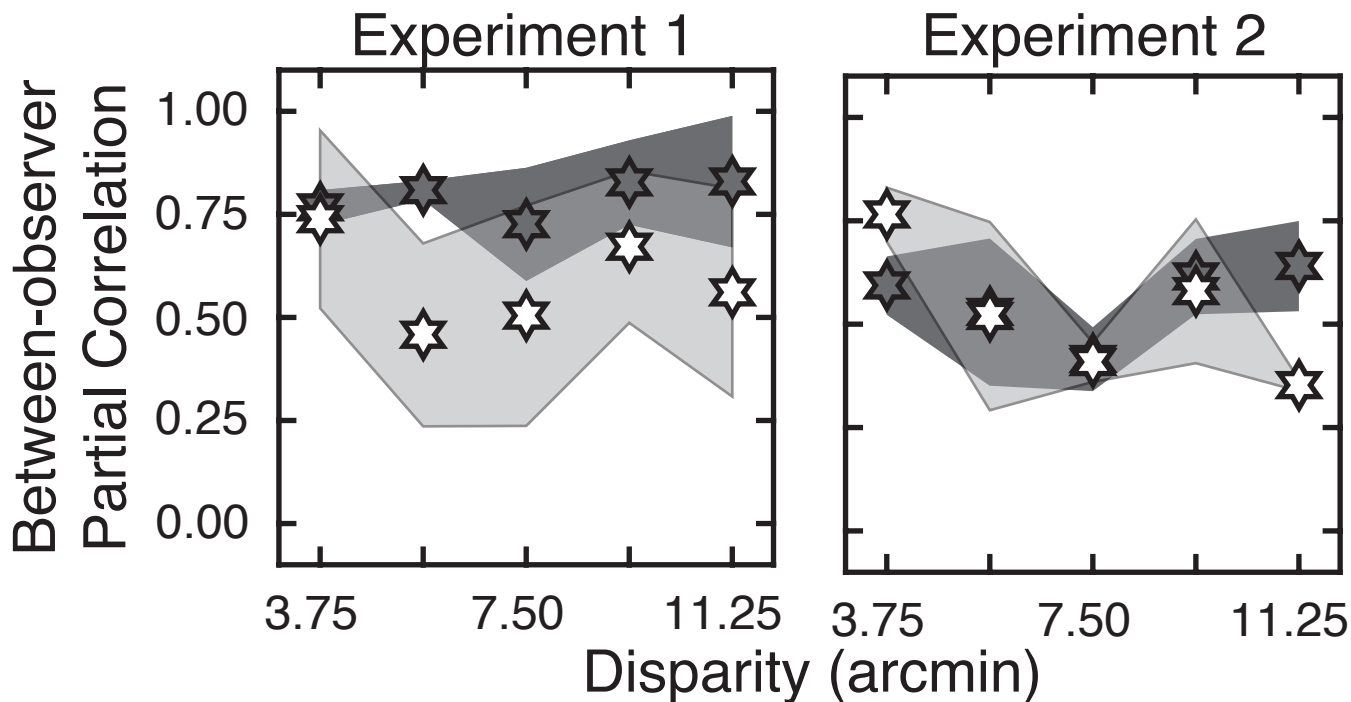
$$\frac{\text{cov}(E_1, E_2)}{\sigma_{E_1} \sigma_{E_2}}$$

Note: here, sub-subscripts indicate observer number

Between-observer correlation quantifies similarity between observers' decision variables

The partial correlation has impact of internal noise removed.

Partial correlation reflects fraction of externally-driven performance shared between observers



Deterministic computations are largely consistent between observers.

High disparity contrast makes observers more repeatable.