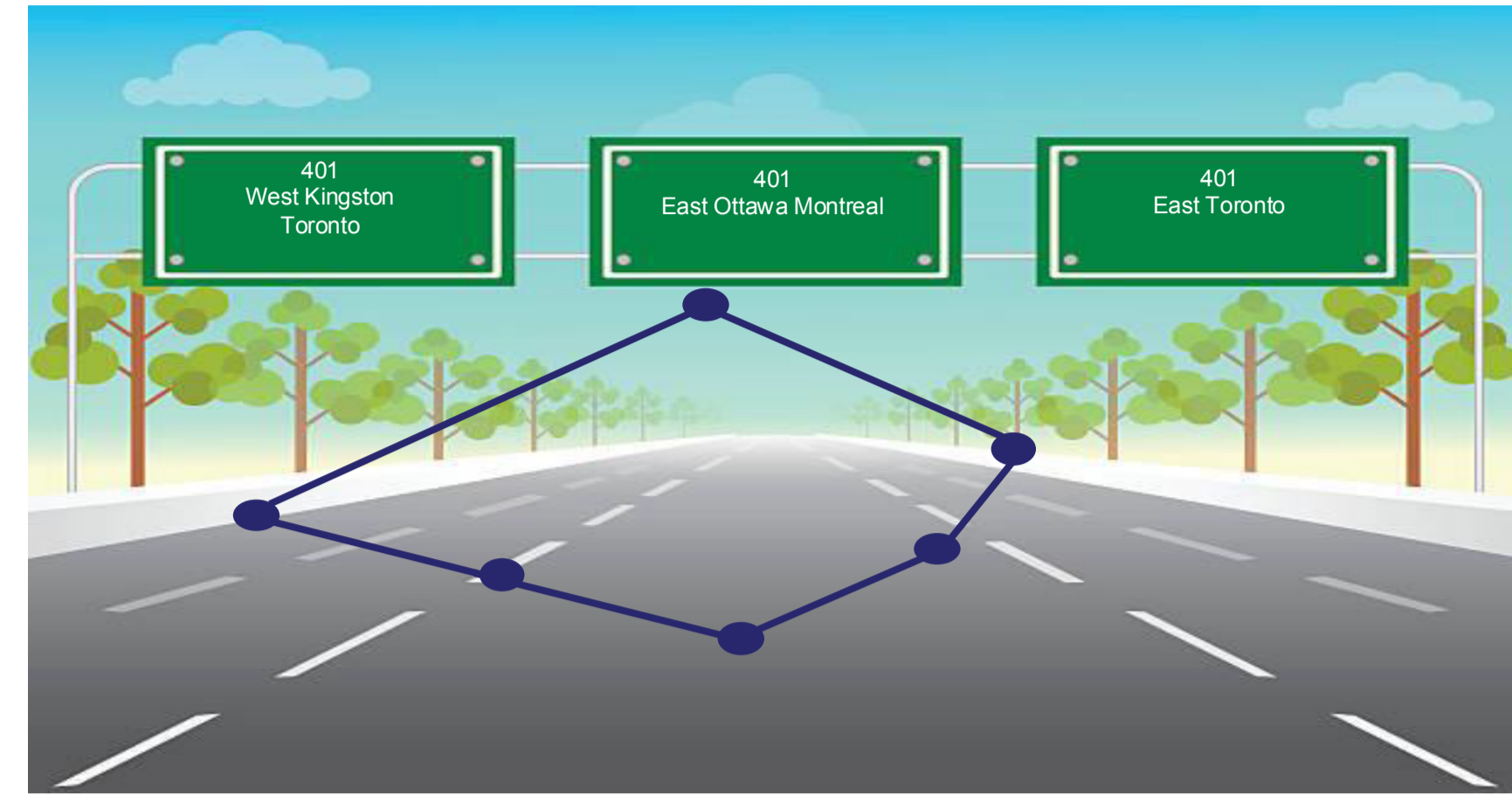


Effects of Feedback on Individual Differences in Attentional Asymmetries

Individuals distribute attention unevenly within the **functional visual field (FVF)**.

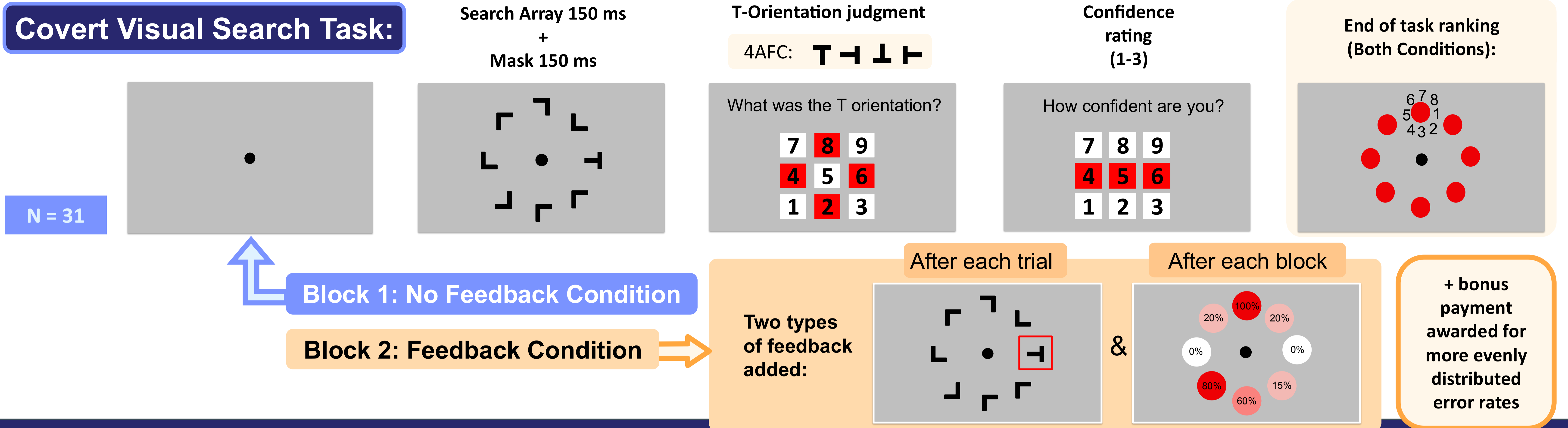
These patterns are stable and idiosyncratic, such that some areas are prioritized over others. These are **covert attentional asymmetries**.



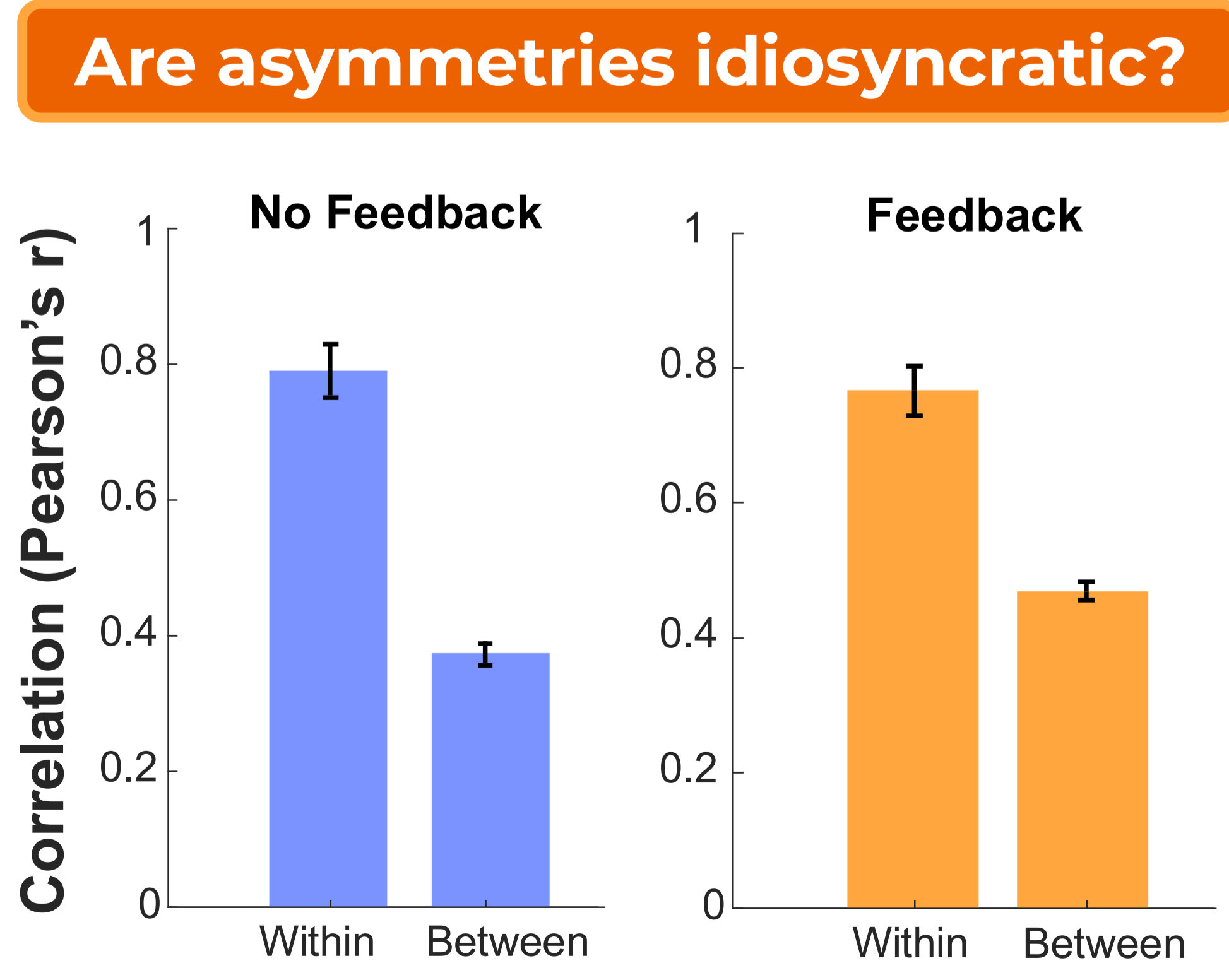
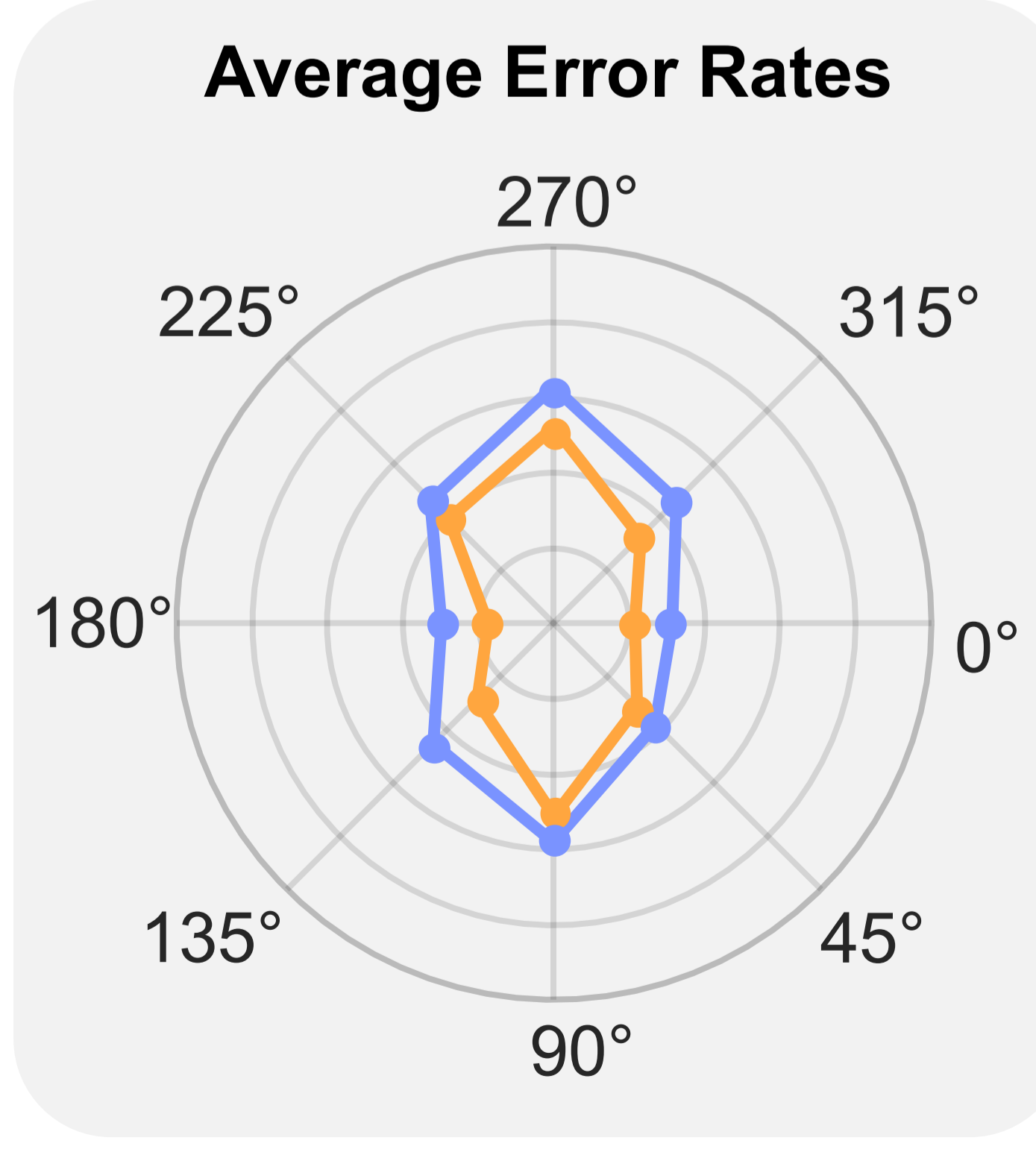
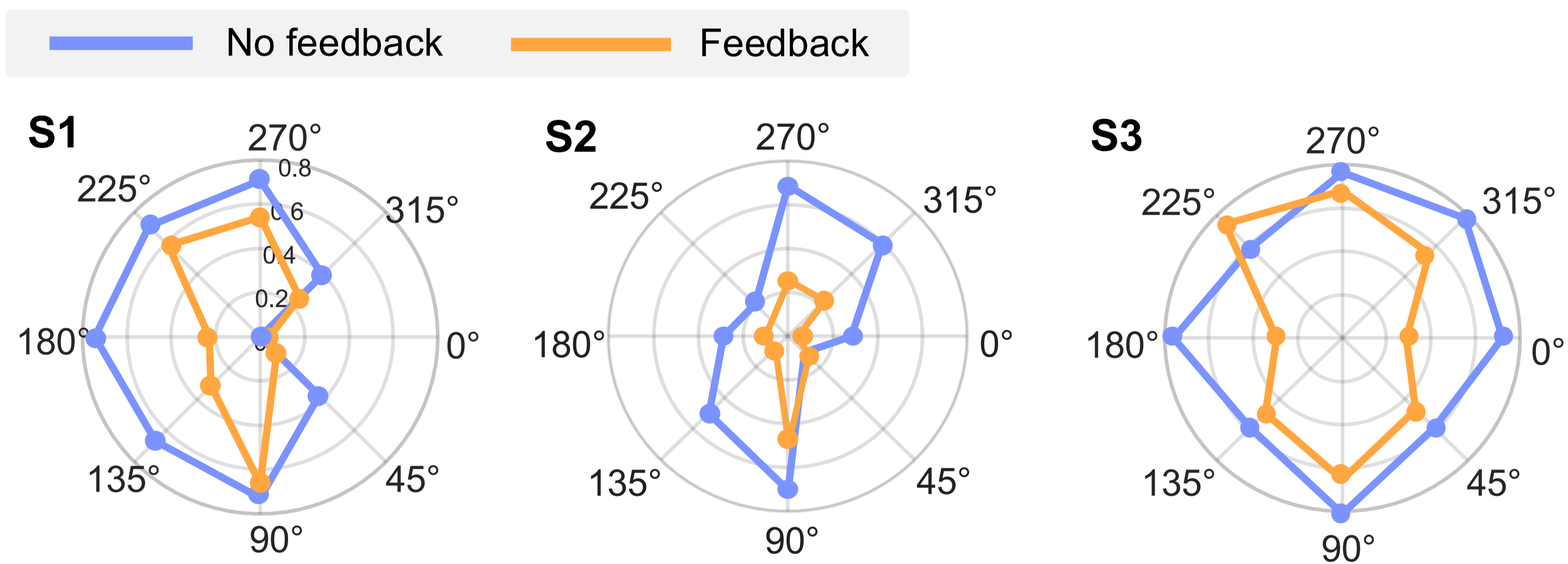
Q1: Are covert attentional asymmetries stable, or can they be modified through feedback?

Q2: Does metacognitive accuracy predict the efficacy of feedback?

Covert Visual Search Task:

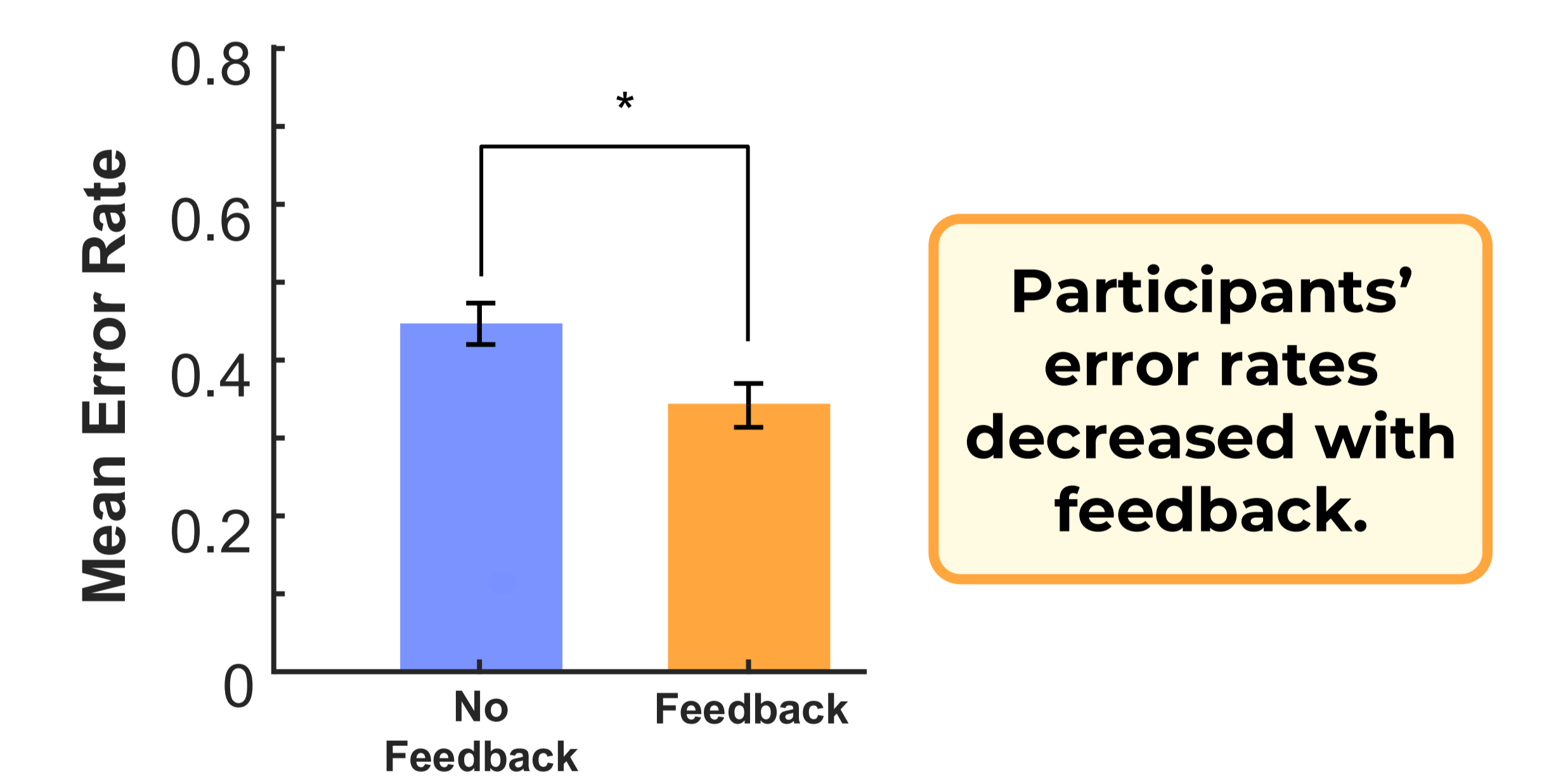


Do participants show asymmetries in their error rates?

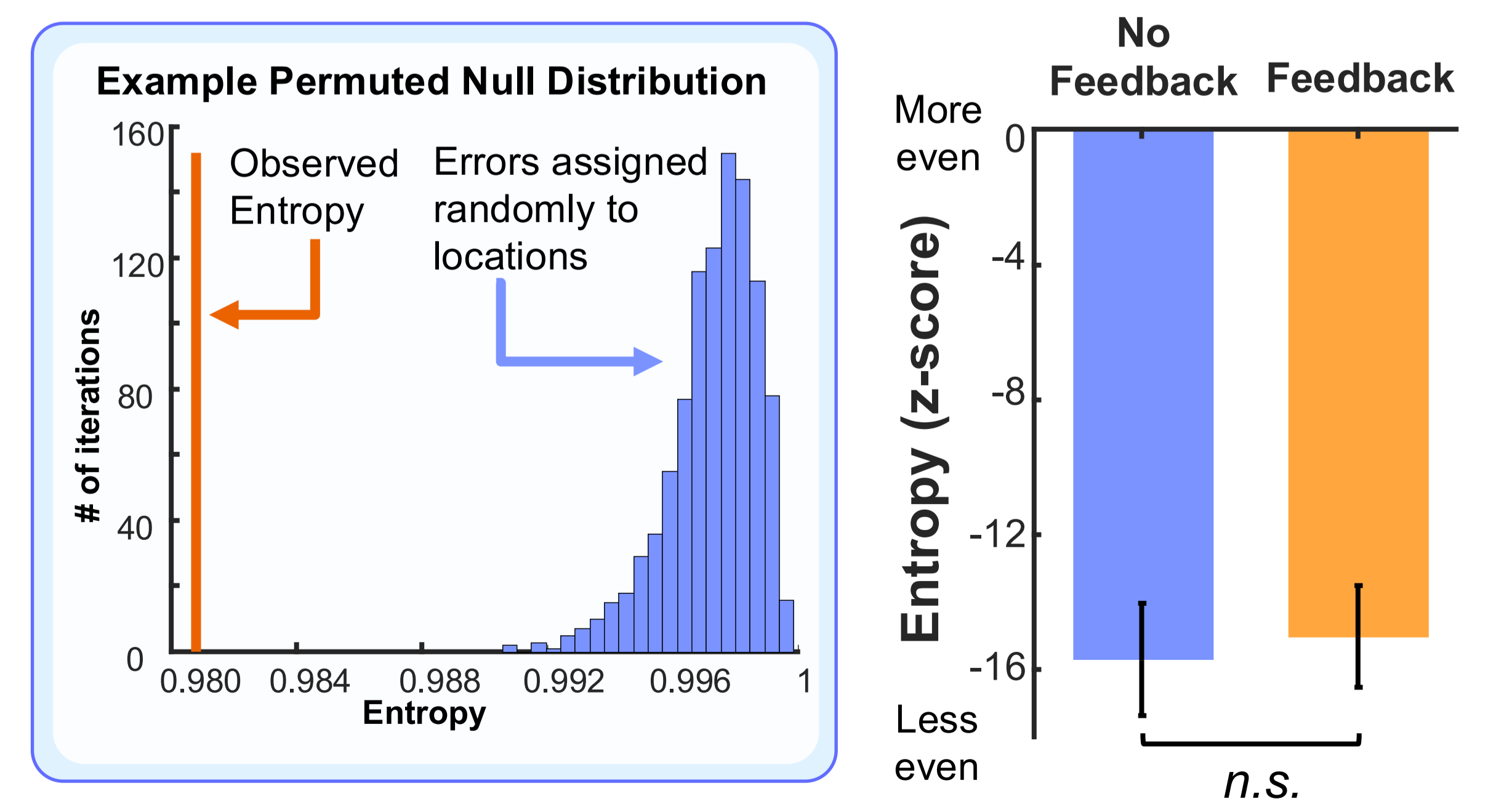


Error rates are not uniform around the visual field, and are more strongly correlated *within* than between observers

How does feedback impact error rates?

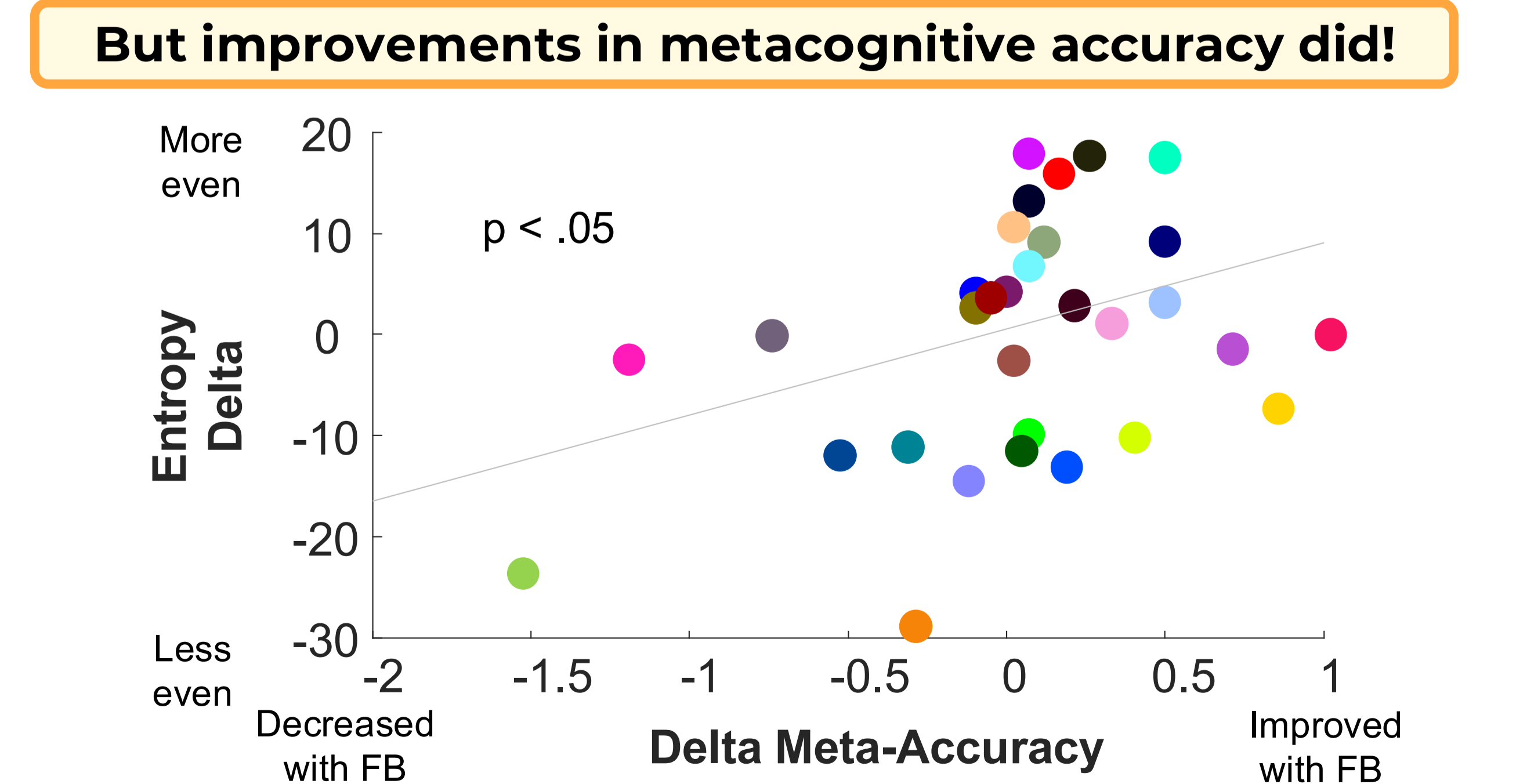
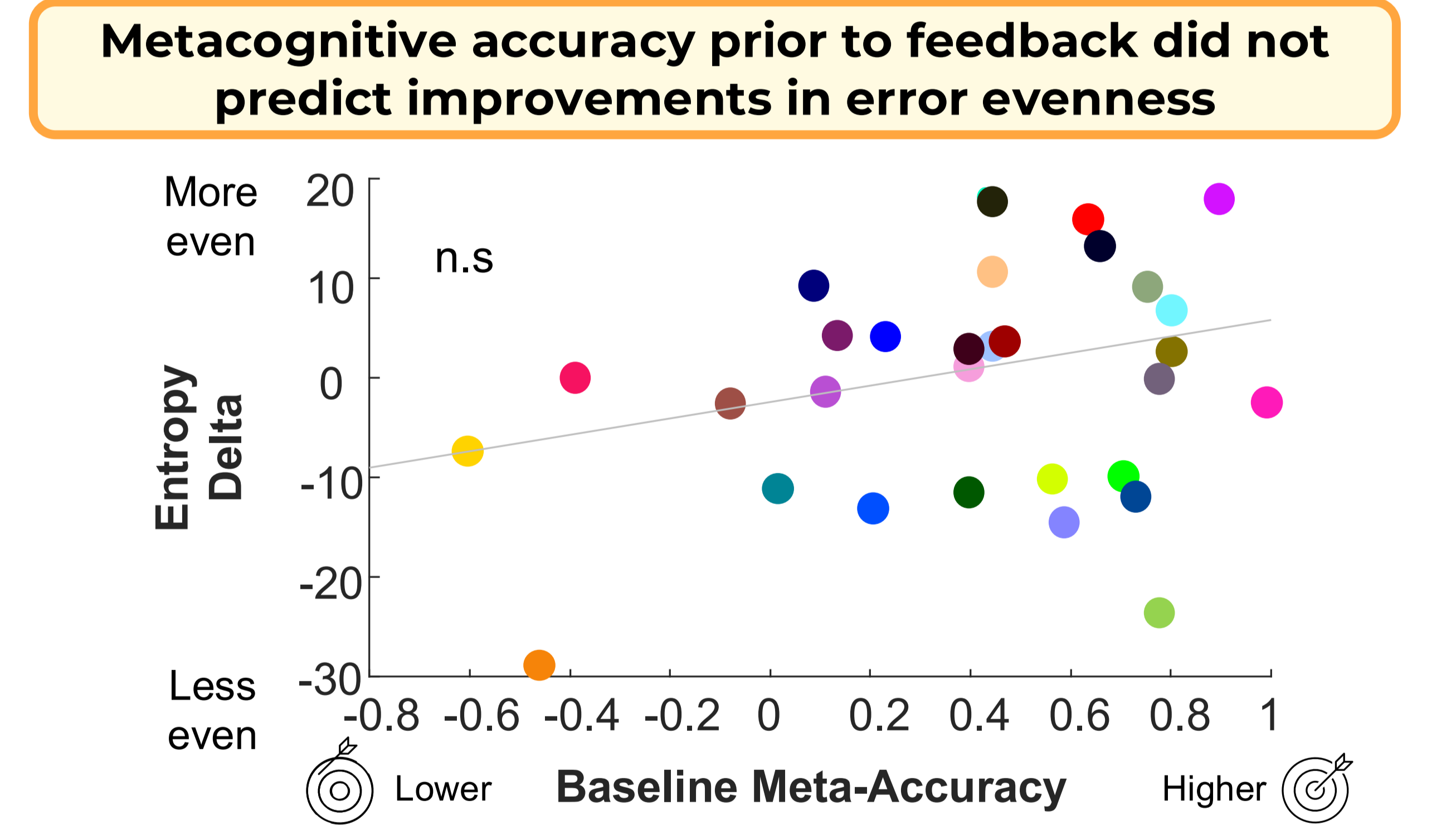
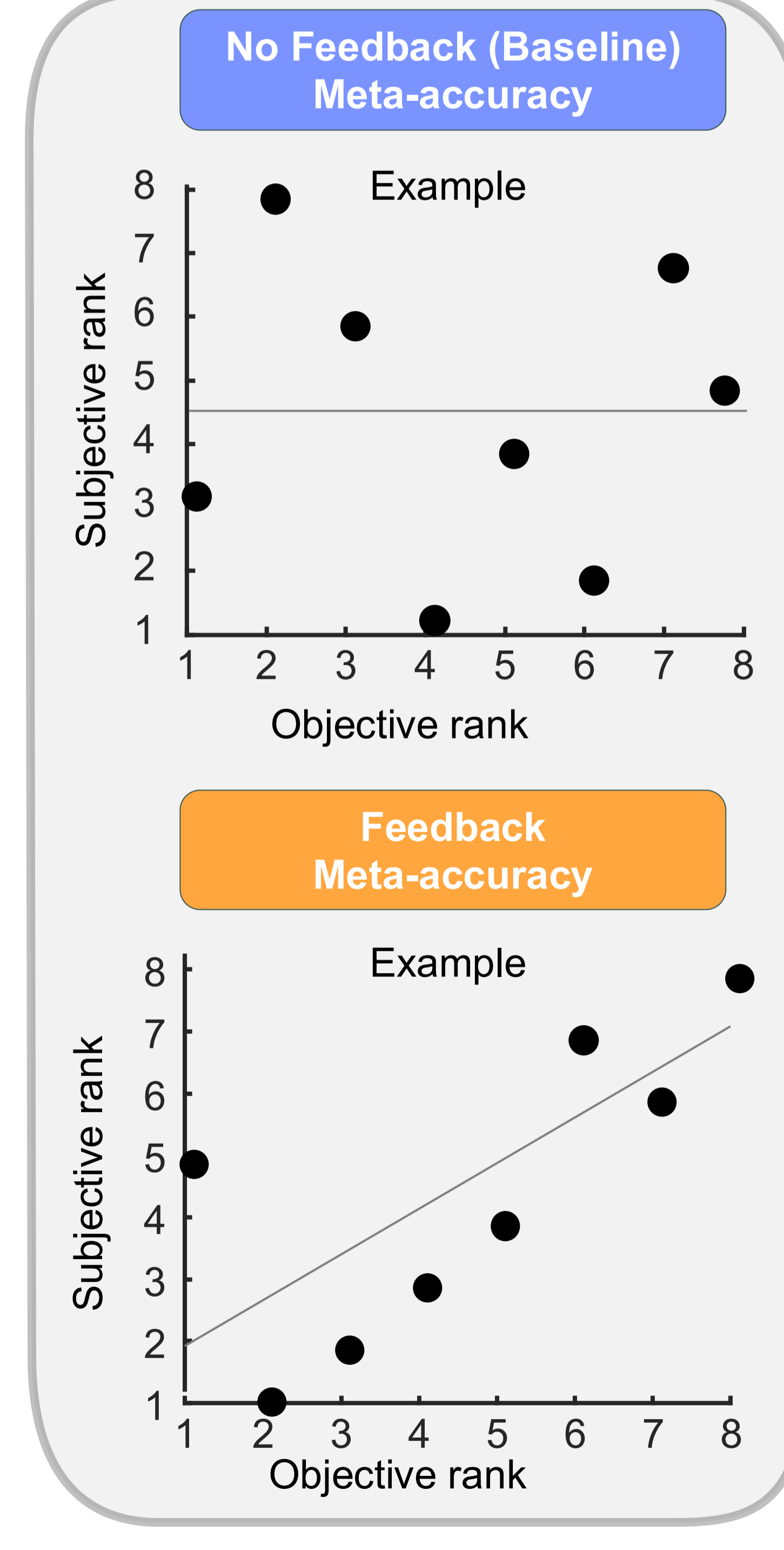


Do error rates become more uniform?



Feedback did *not* produce more even error distributions

Does metacognitive accuracy predict changes in asymmetries?



Those who more accurately updated their knowledge of their own error distributions evened out their errors