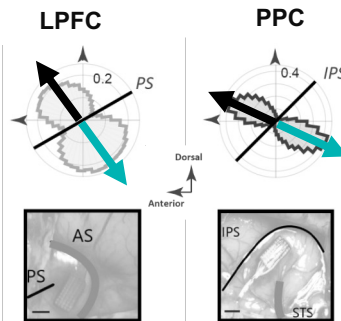


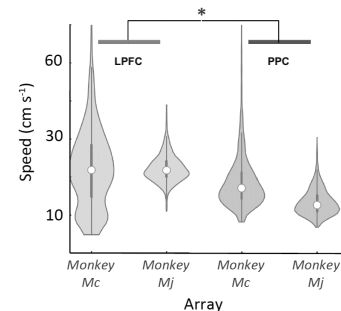
Frontoparietal LFPs are Traveling Waves

Physical properties of Traveling Waves

Wave Direction

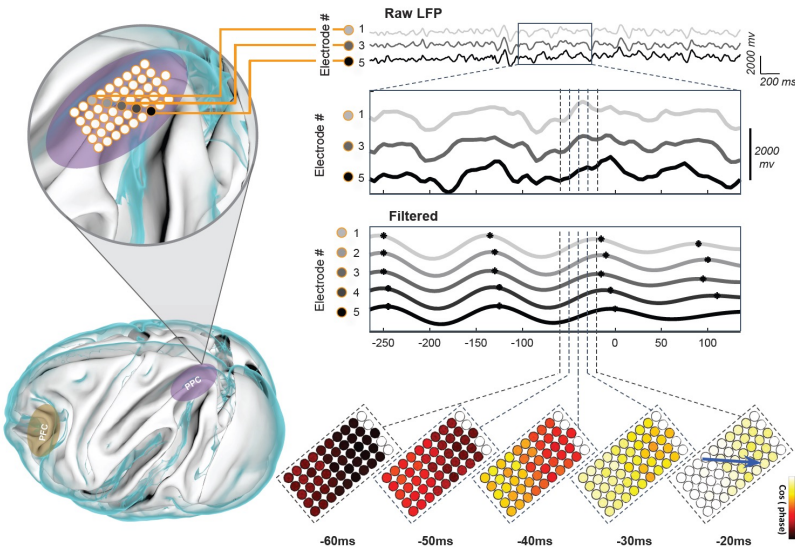


Wave speed



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Behavioral Relevance

TW strength encode reward history PR

Exclusive to PR, not **other**
reward mnemonics

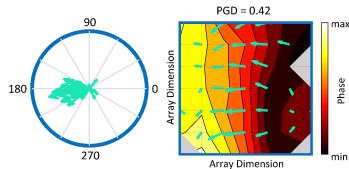
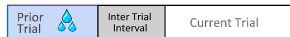
Encoding is
independent of other
physiological markers

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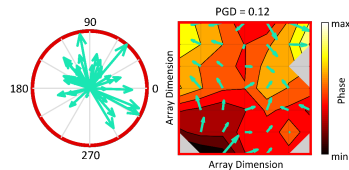
Single Trial Example

PR
Prior trial rewarded



PGD = 0.42

PNR
Prior trial not rewarded



PGD = 0.12

PGD sensitivity to
Reward properties

