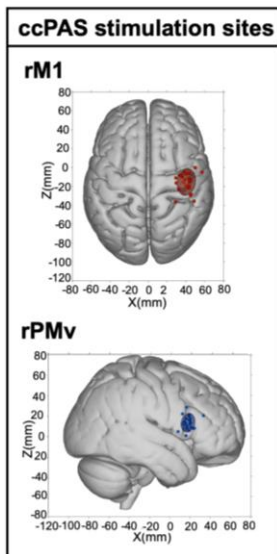
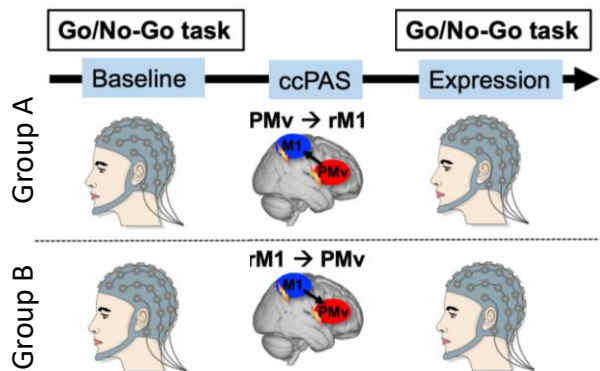


Inducing and measuring plasticity in response control mechanisms in the human brain

Alejandra Sel & Matthew Rushworth

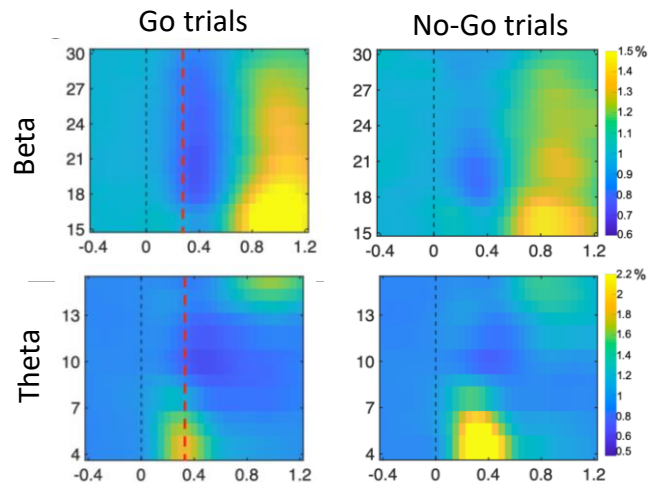
What did we do?

We manipulated neural plasticity in a motor control network with an advanced form of TMS (ccPAS) & measured activity changes with EEG

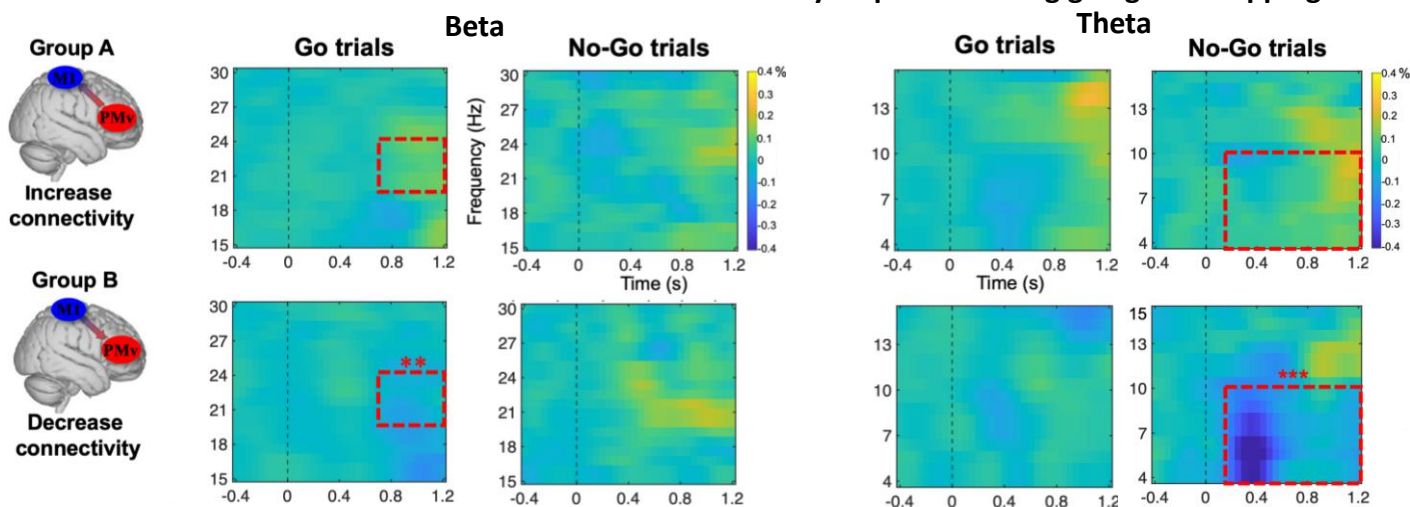


What did we find?

Beta and theta oscillatory changes to going/stopping



Effects of ccPAS on beta and theta oscillatory responses during going and stopping



Increasing or decreasing plasticity in the PMv-M1 network increases or decreases beta or theta oscillatory responses

Sel et al, 2021, PNAS