Contents

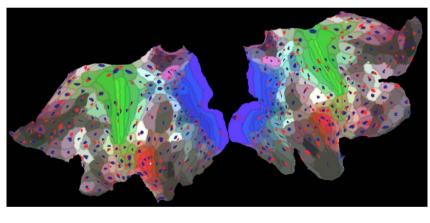
An introduction to the custom preprocessing pipeline built for surfaced-based analysis

- 1. Motivation Why surface?
- 2. Overall scheme Covering multiple softwares (e.g., FSL, AFNI, ANTs, Freesurfer)
- 3. Pipeline details Comparison with existing preprocessing pipelines
- 4. Practical applications Not limited to surface analysis



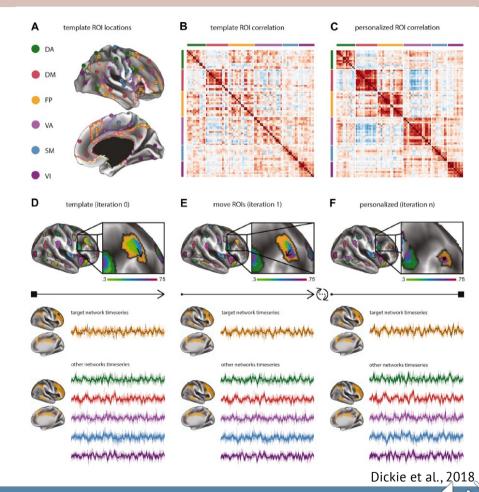
Personalized Intrinsic Network Topography (PINT) Mapping

PINT on HCP-MMP 1.0 parcellation



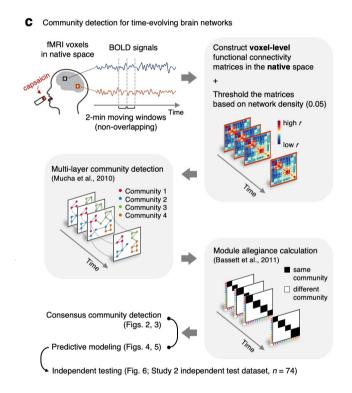
Original center

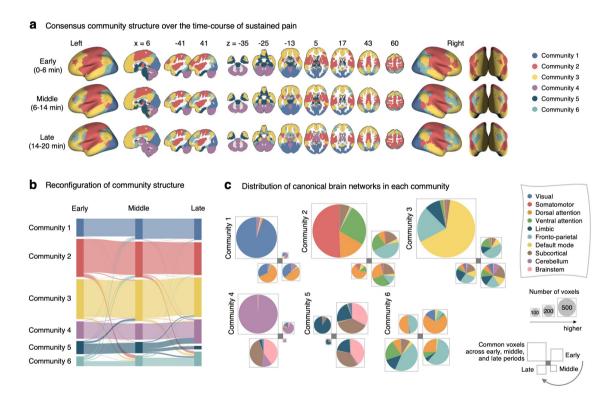
Moved (personalized) center





Dynamic network reconfiguration during sustained pain

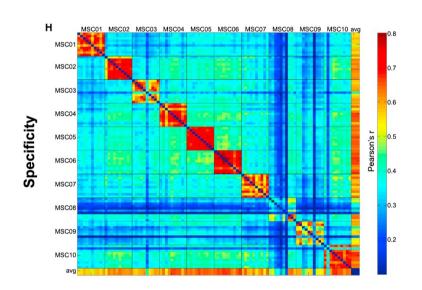


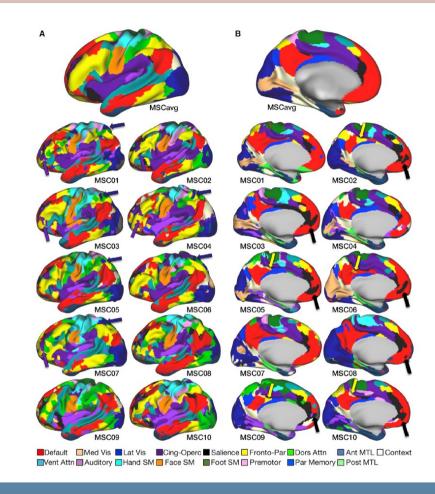






Precision functional mapping (Midnight Scan Club)

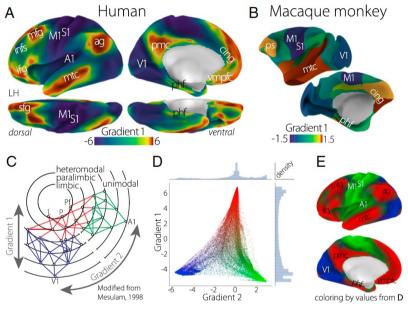




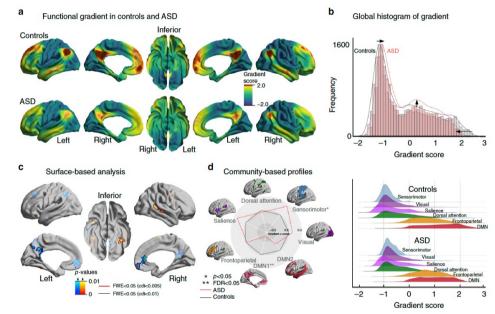
Gordon et al., 2017



Cortical gradient



Margulies et al., 2016



Hong et al., 2019

