Decoding Human Brain Organization and Function with multi-modal parcellation and behavioral profiling

A defining aspect of brain organization is its spatial heterogeneity portraying multiple topographies on different scales and along different axes. Several features can be used to examine this complex organization. They range from local properties observed in the brain tissue to long-range connectivity patterns and capture similar, but also complementary dimensions of brain organization. Behavioral profiling of these topographies with large-scale MRI data could reveal how they represent the functional dimensions of the human cognitive architecture.

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