

Neurally-informed Graph-based Models of Knowledge Representation

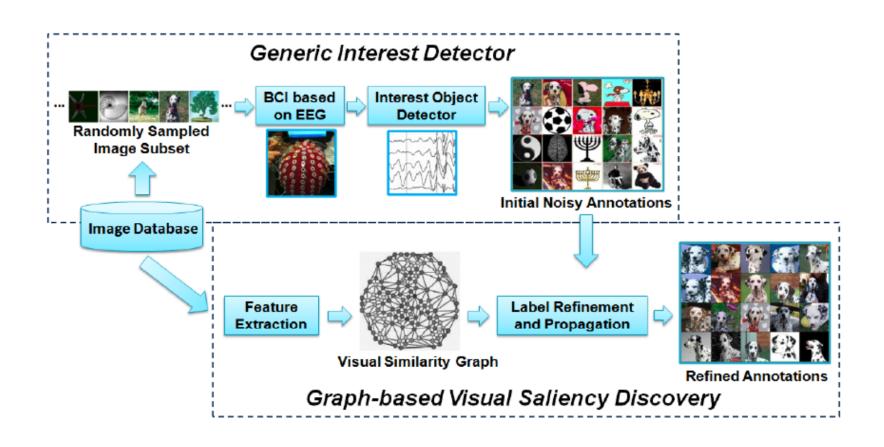
Columbia University

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Organizing Data Representations Using Neural Markers of Intent



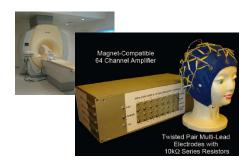


Our Unique Expertise

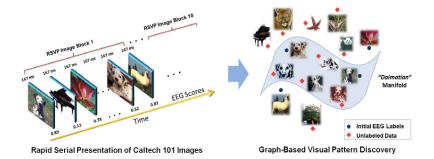
Single-trial analysis of EEG

trials $t_{stimulus} = \frac{2.0}{t_{stimulus}} = \frac{2.00}{t_{stimulus}} = \frac{1200}{t_{stimulus}} = \frac{120}{t_{stimulus}} = \frac{120}{t_{stimulus}}$

Simultaneous acquisition and analysis of EEG/fMRI



Integration of neural markers with graph-based transductive models





Team Members

- Neuro-computational models of knowledge representation
- Complementary neuroimaging modalities and techniques for characterizing knowledge representation in the human brain
- Experimental designs and paradigms which easily translate to intelligence community problems/applications



Contact Information

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