

Hyperconnectivity as an early signature of Alzheimer's disease

Postdoctoral position: Psychology, Sylvie Belleville

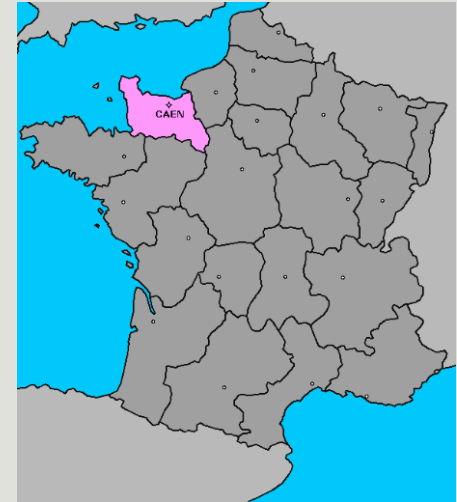


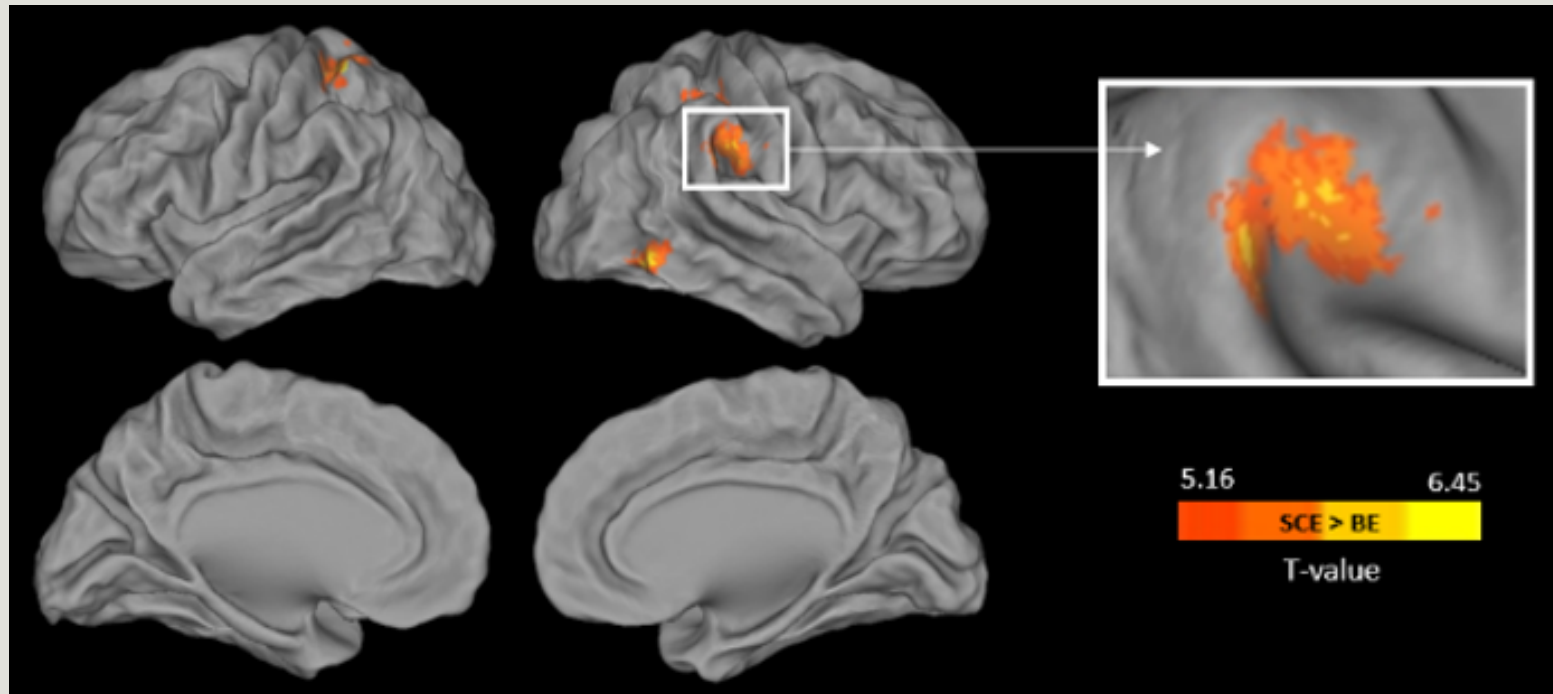
Background

Master degree: Neuropsychology (speciality : perisurgical evaluation, awake brain surgery)

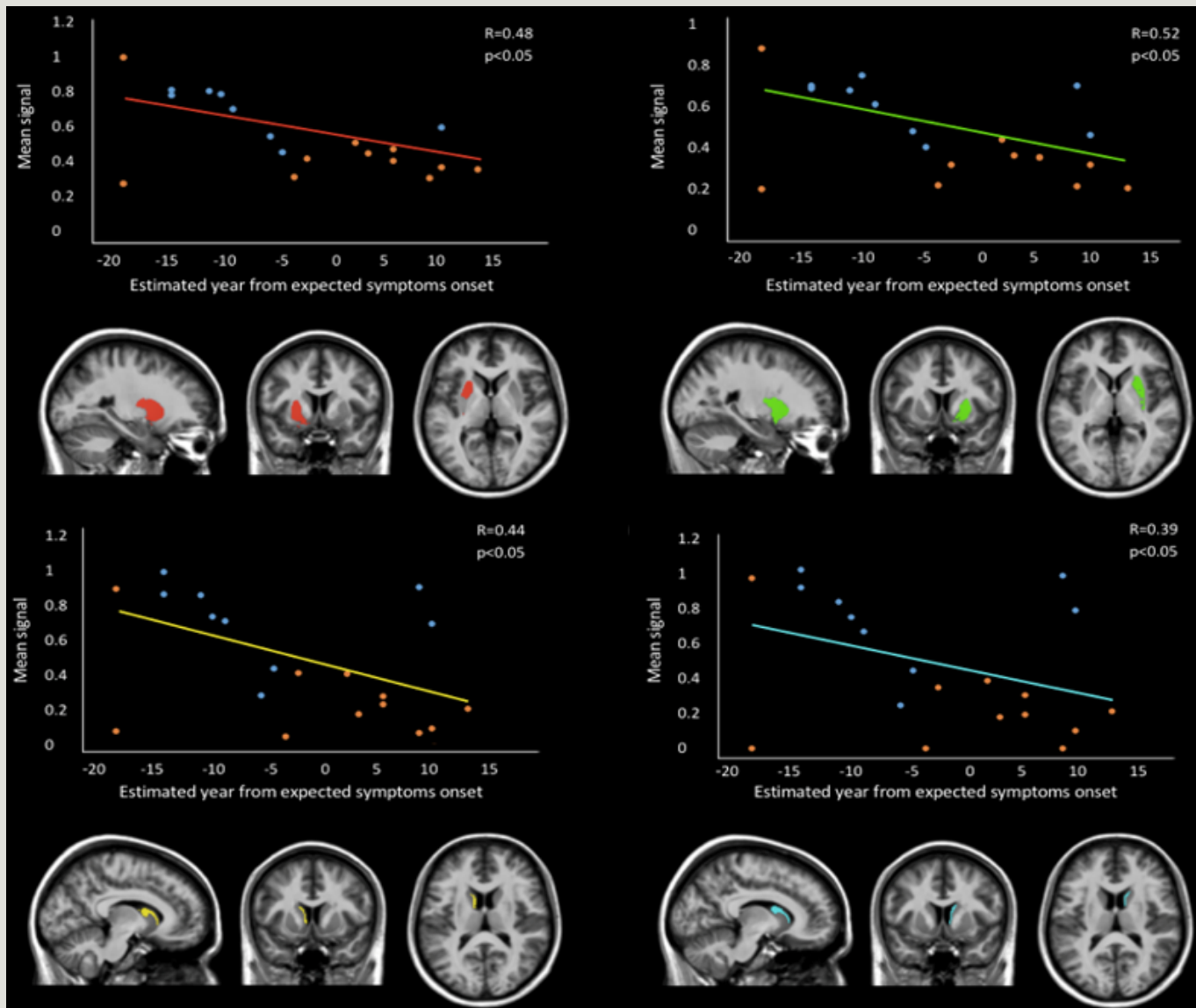
PhD degree: Psychology

« Neural substrates of social cognition impairments, as revealed by MRI and fMRI scans in Huntington's disease »



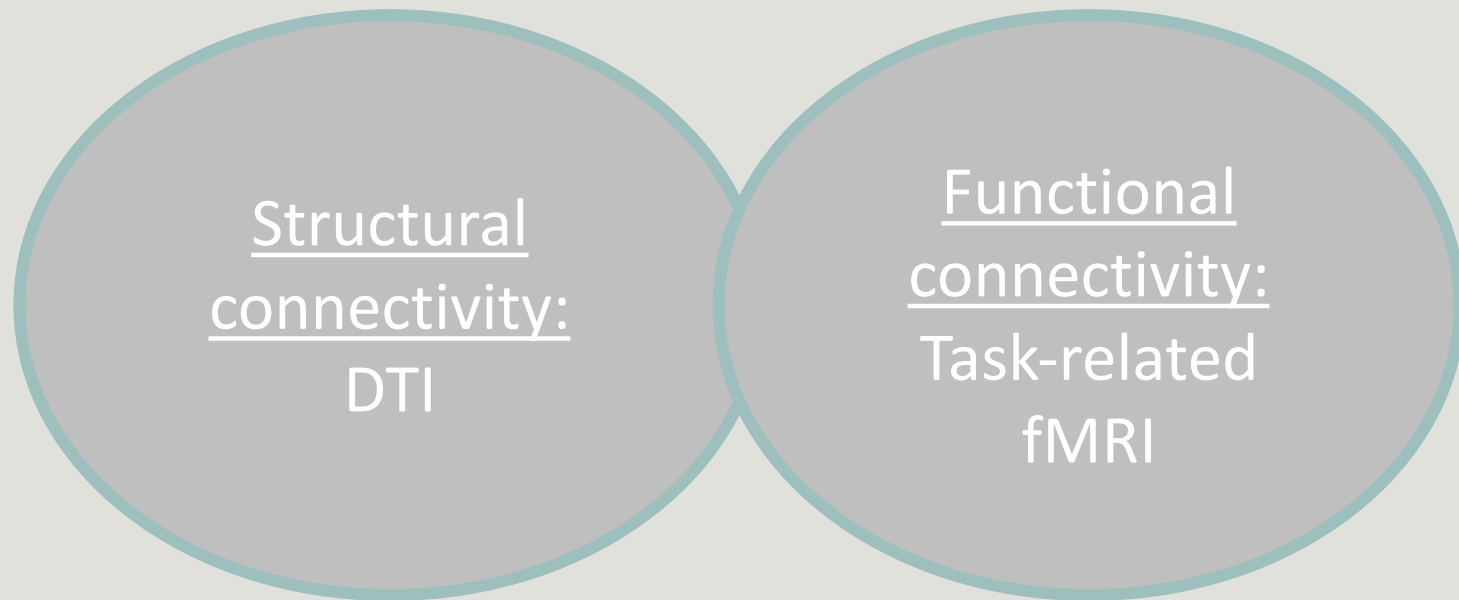


FWE $p < .05$; $k > 100 \text{ mm}^3$



Hyperconnectivity as an early signature of Alzheimer's disease ?

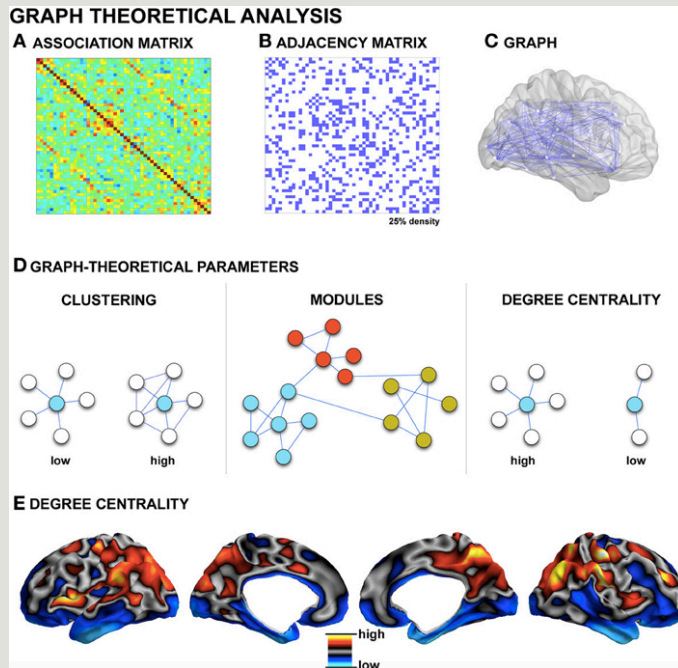
MCI (Mild Cognitive Impairment) & SCD (Subjective Cognitive Decline)



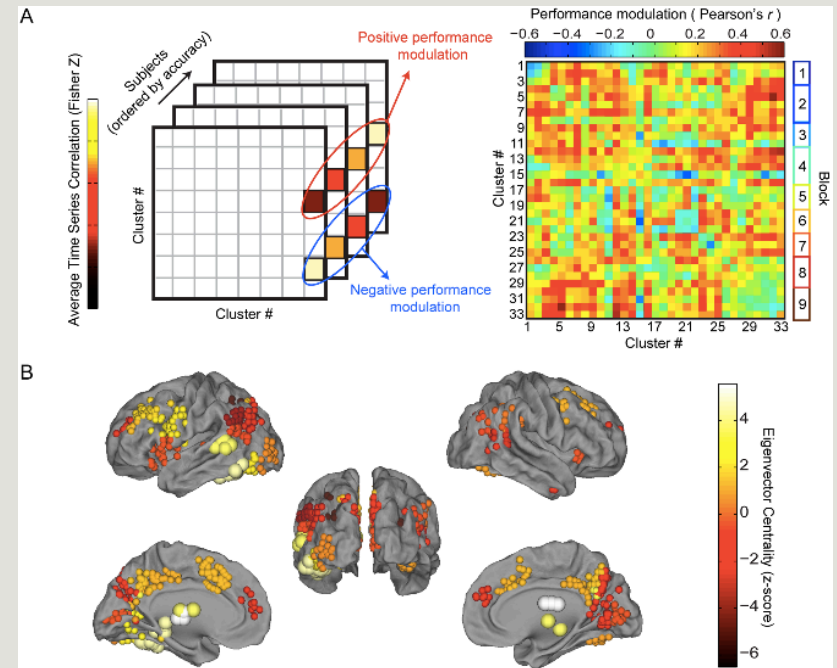
Hyperconnectivity = brain plasticity ?

What I want to learn at Brainhack :

- Methods and pipelines for task-related functional connectivity analyzes
- Graph theory
- Connective data visualization



(Bernhardt et al., 2013)



(Wang et al., 2013)

Thank you !

