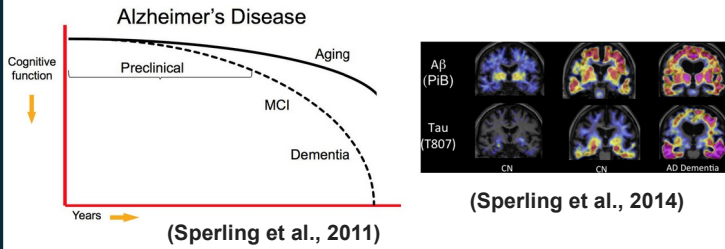
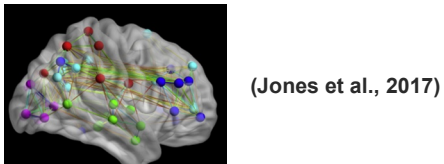


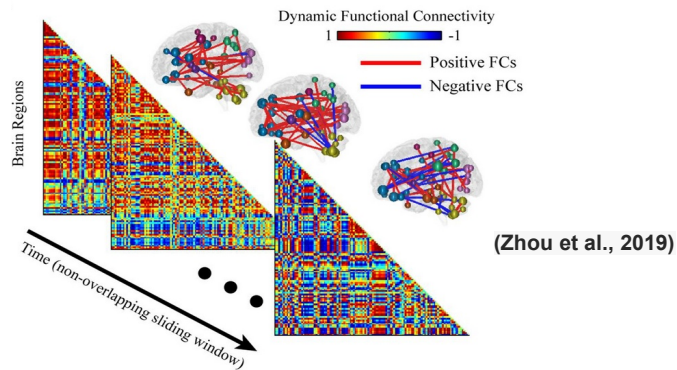
## A) Background



Aβ and Tau Disrupt Brain Functional Networks



Brain Functional Connectivity is Time Variable



## B) Aim

Assess the Relationship Between Variabilities in Brain Functional Connectivity (Functional Flexibility) & The Level of Aβ and Tau in Brain

## Hypothesis

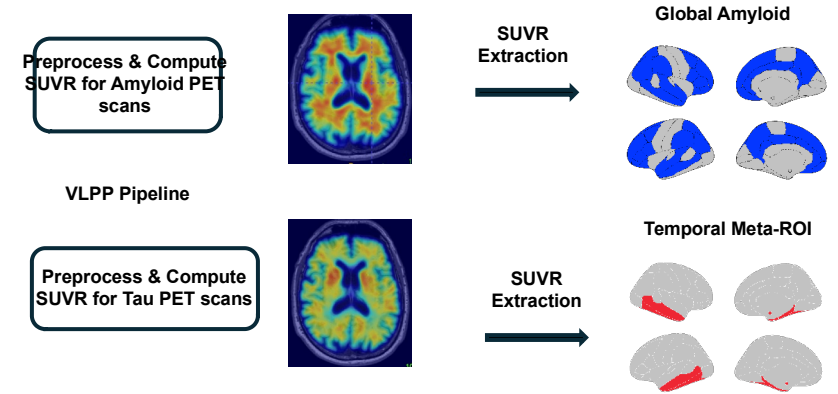
Higher Level of Pathology to be Associated with Lower Brain Functional Flexibility

## Data

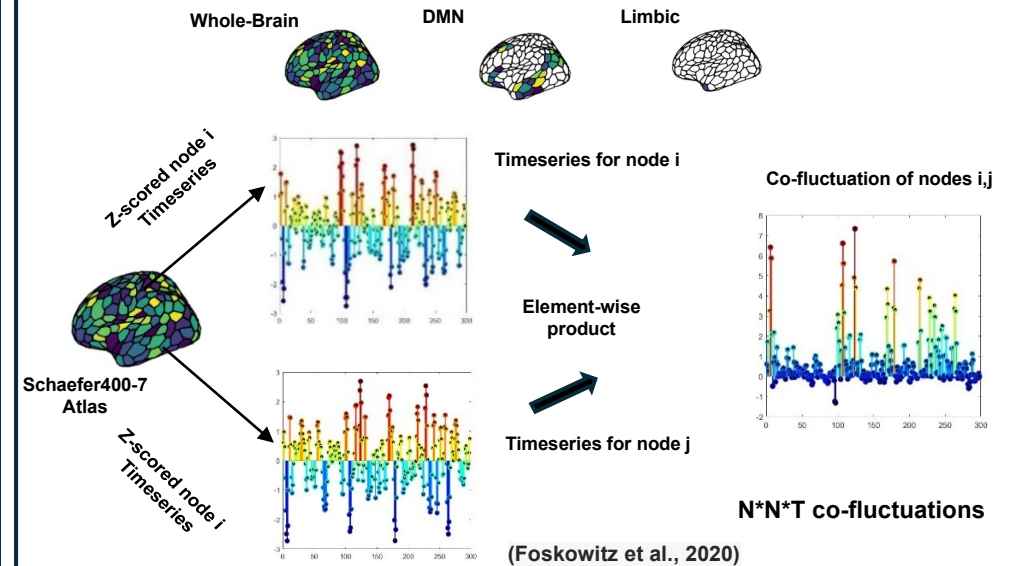


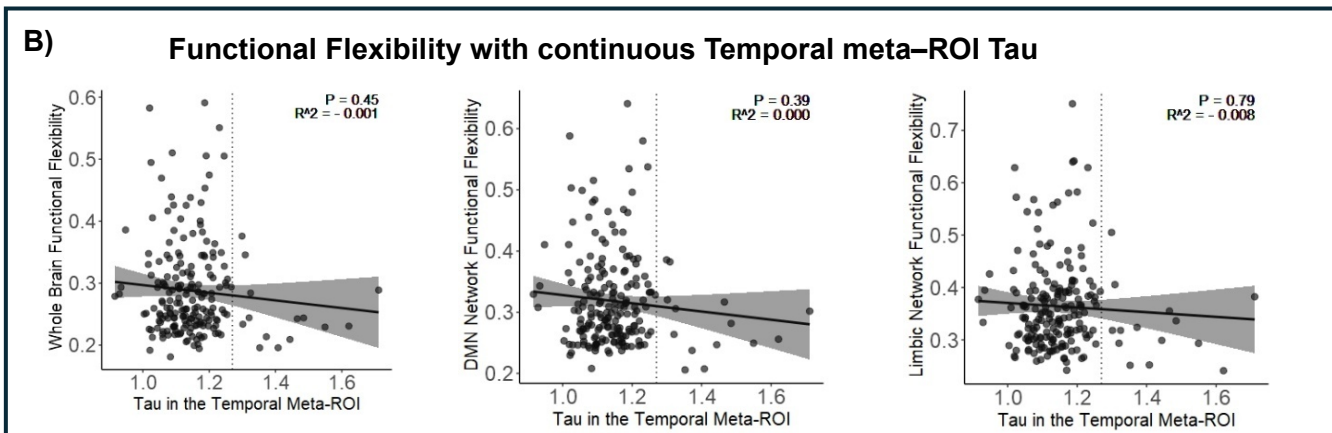
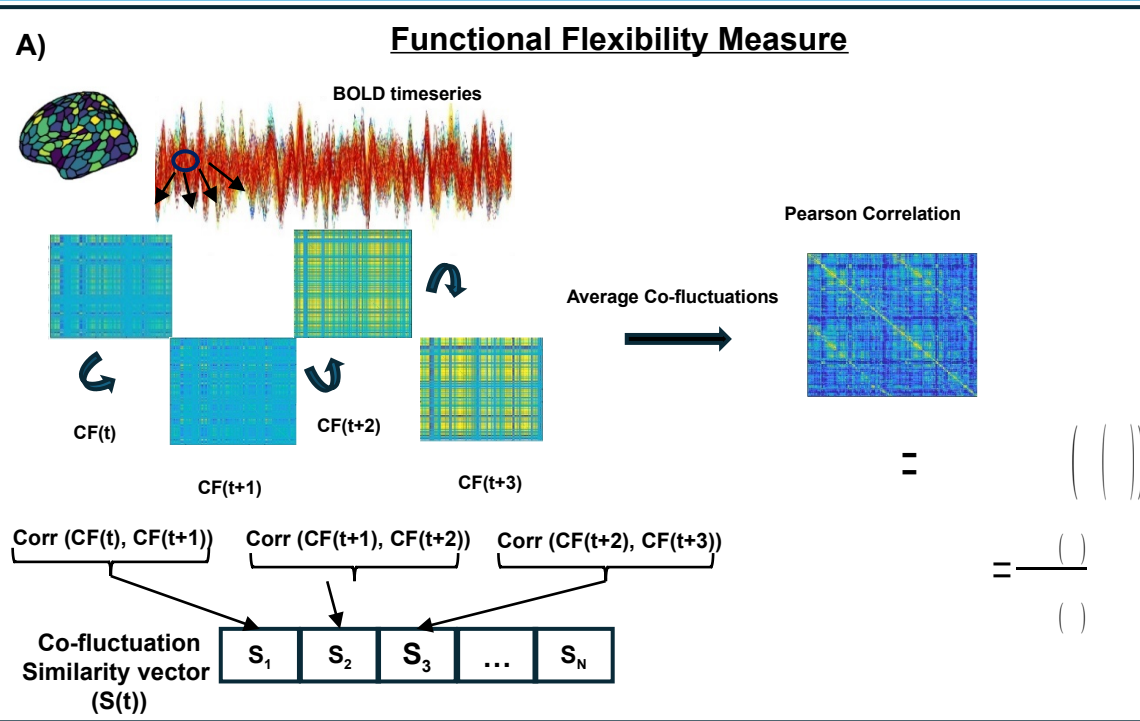
220 Cognitively Unimpaired Individuals With Aβ and Tau PET + Resting state fMRI

## C) PET Processing

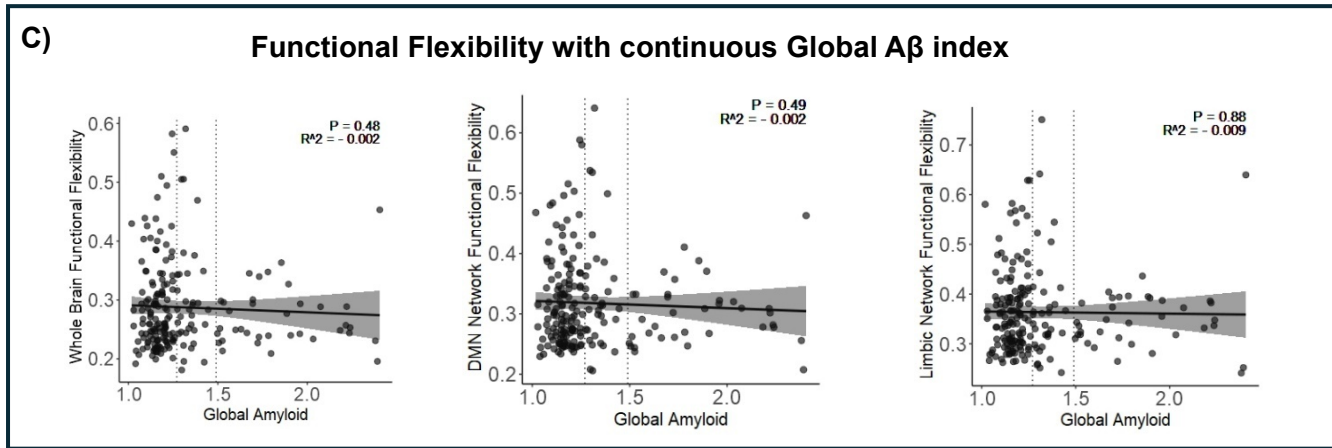
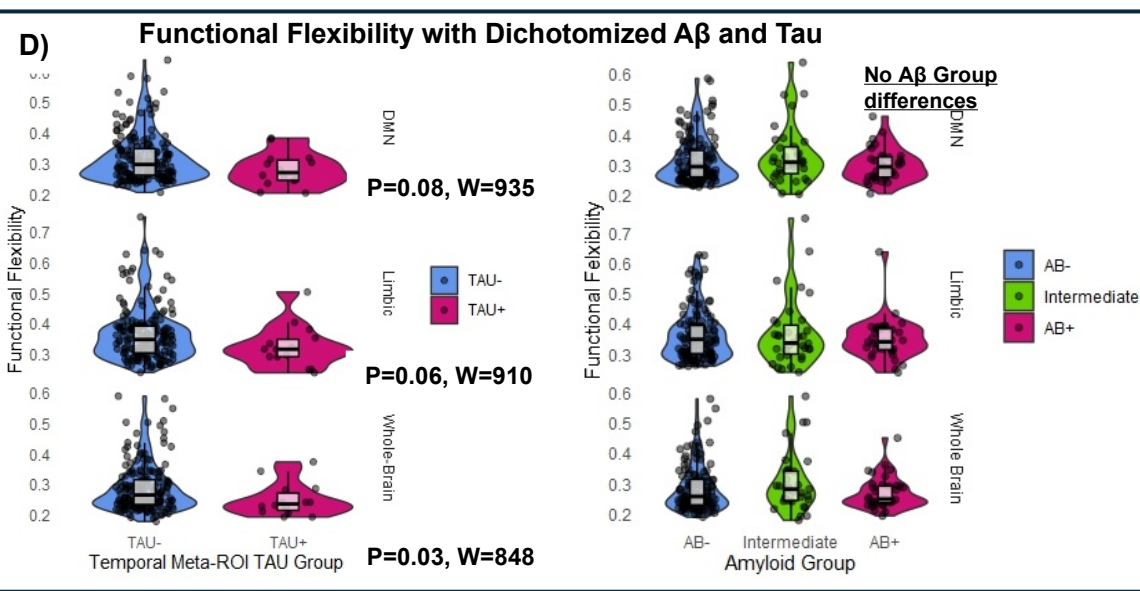


## fMRI Processing





Although no association was found between functional flexibility and AD pathology, individuals with high tau exhibited lower functional flexibility at the whole brain level.





## Take Home:

Although no association was found between functional flexibility and AD pathology, individuals with high tau exhibited lower functional flexibility at the whole brain level.



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