

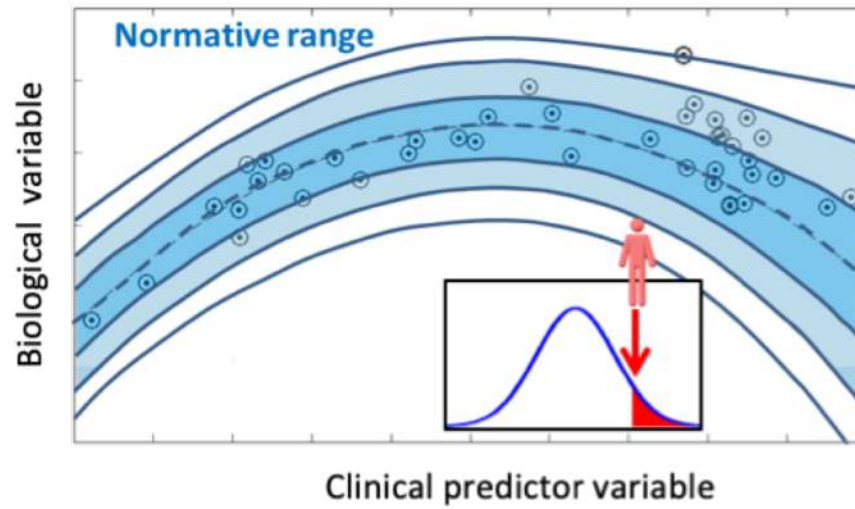
How to use Normative Modeling?

Computational Psychiatry Course

Saige Rutherford
Mariam Zabihi
Thomas Wolfers

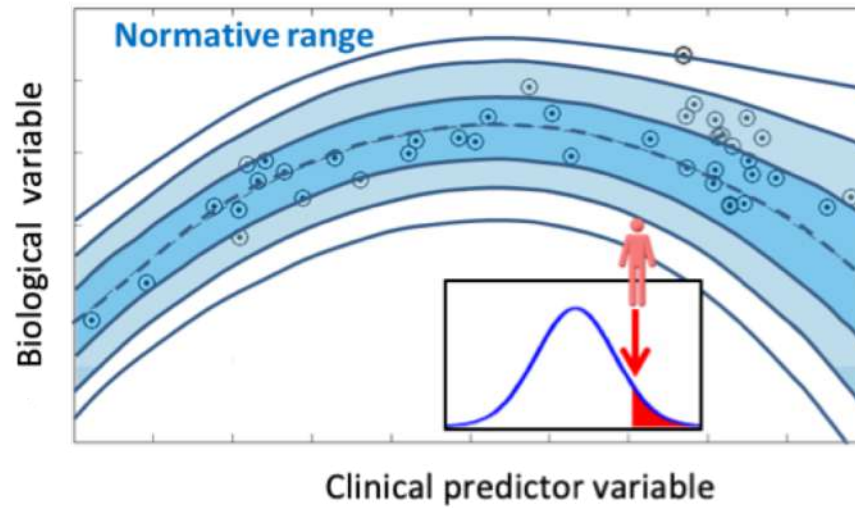


METHODS



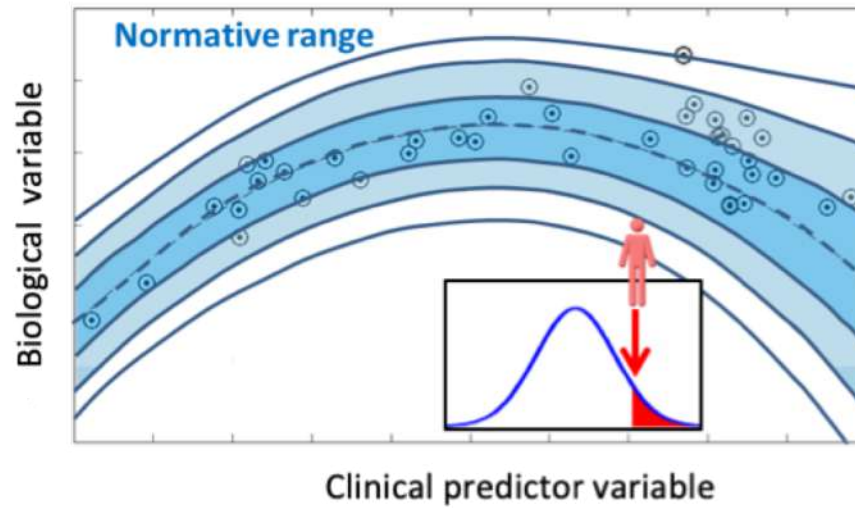


METHODS





METHODS

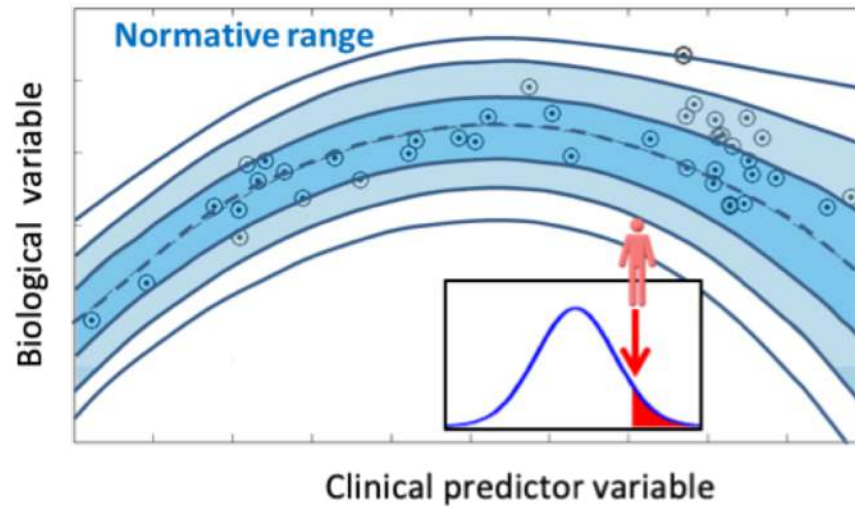


$$Z_i = \frac{y_i - \mu_i}{\sqrt{\sigma^2 + \Sigma_{ij}}}$$



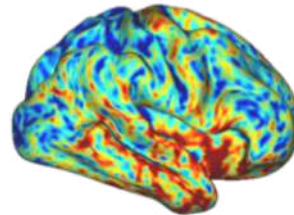
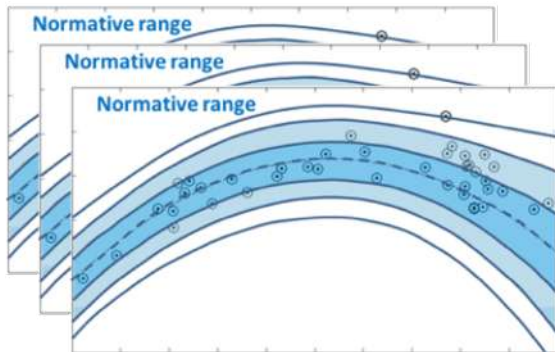
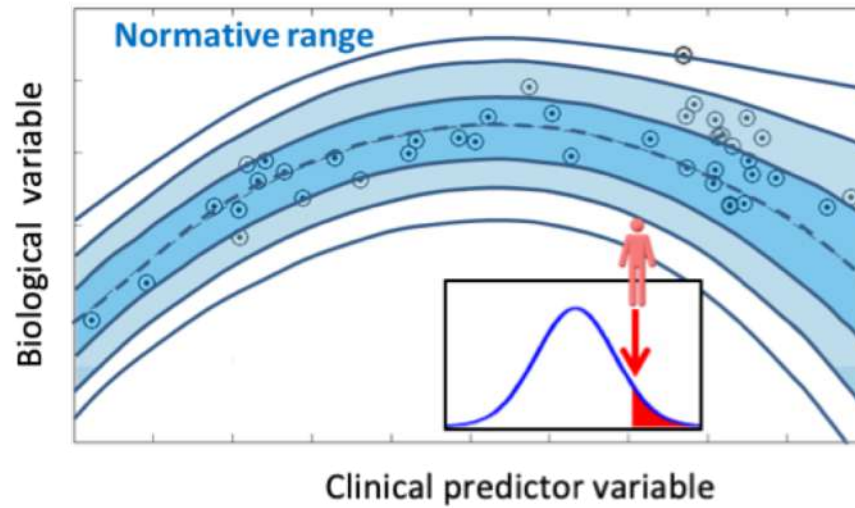


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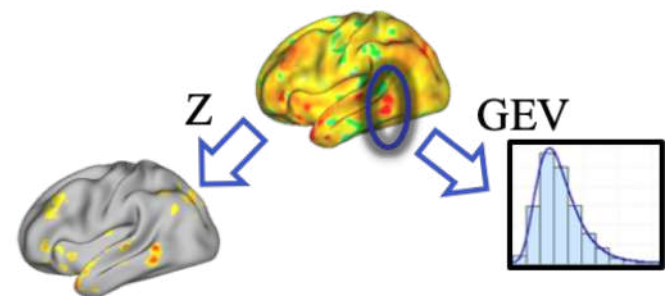
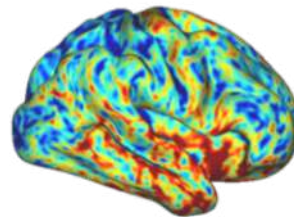
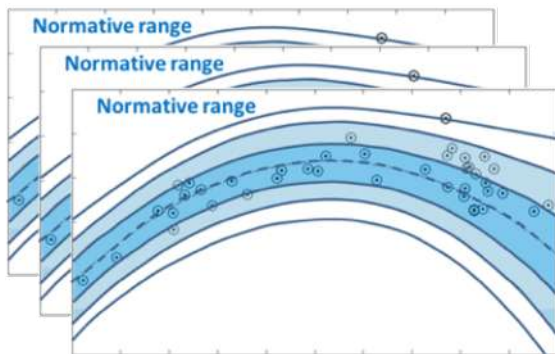
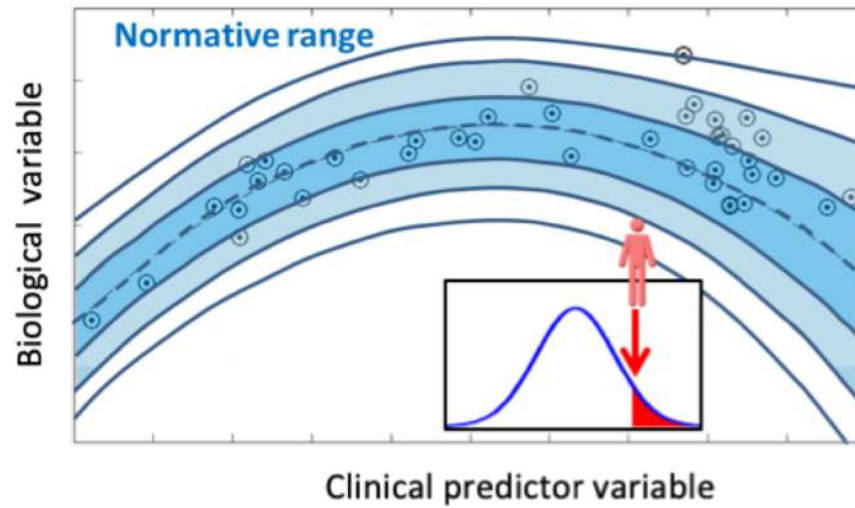




METHODS



METHODS



PREPARE YOUR FILES

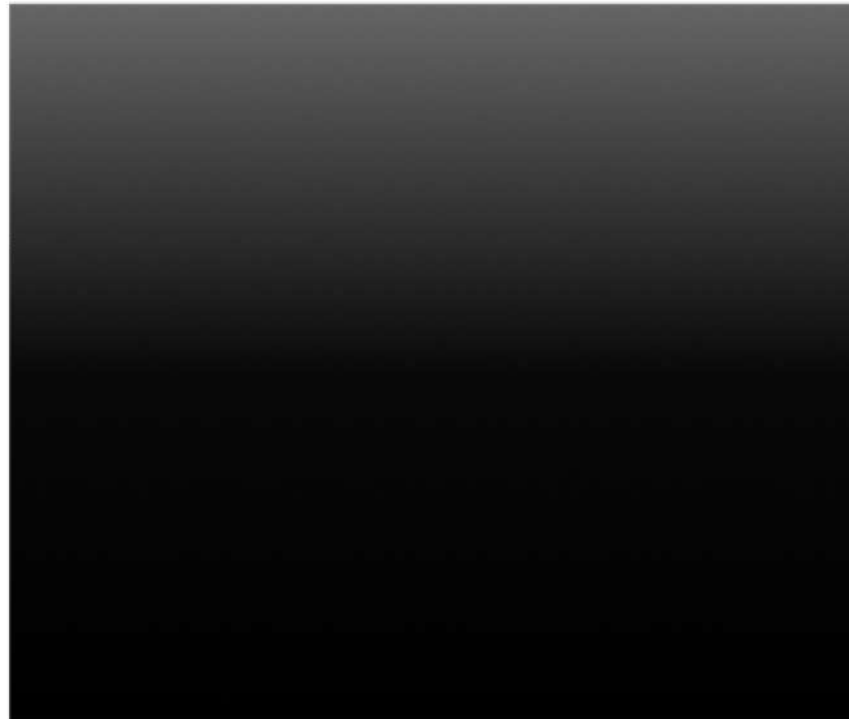




PREPARE YOUR FILES

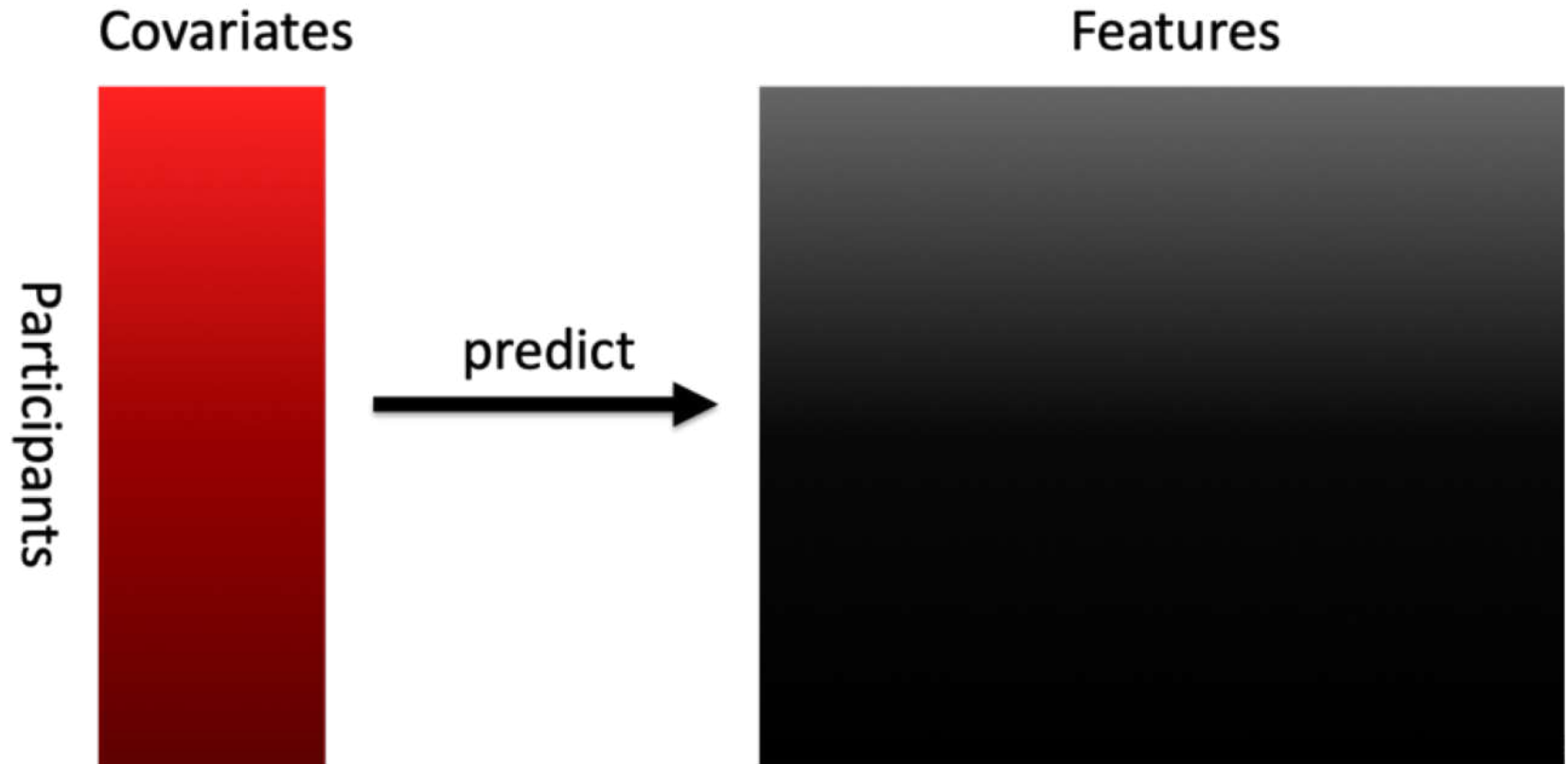
Features

Participants



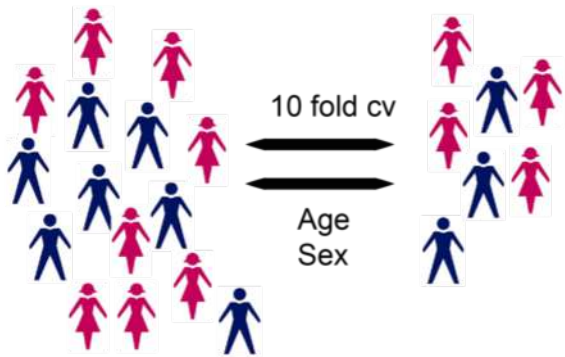


PREPARE YOUR FILES



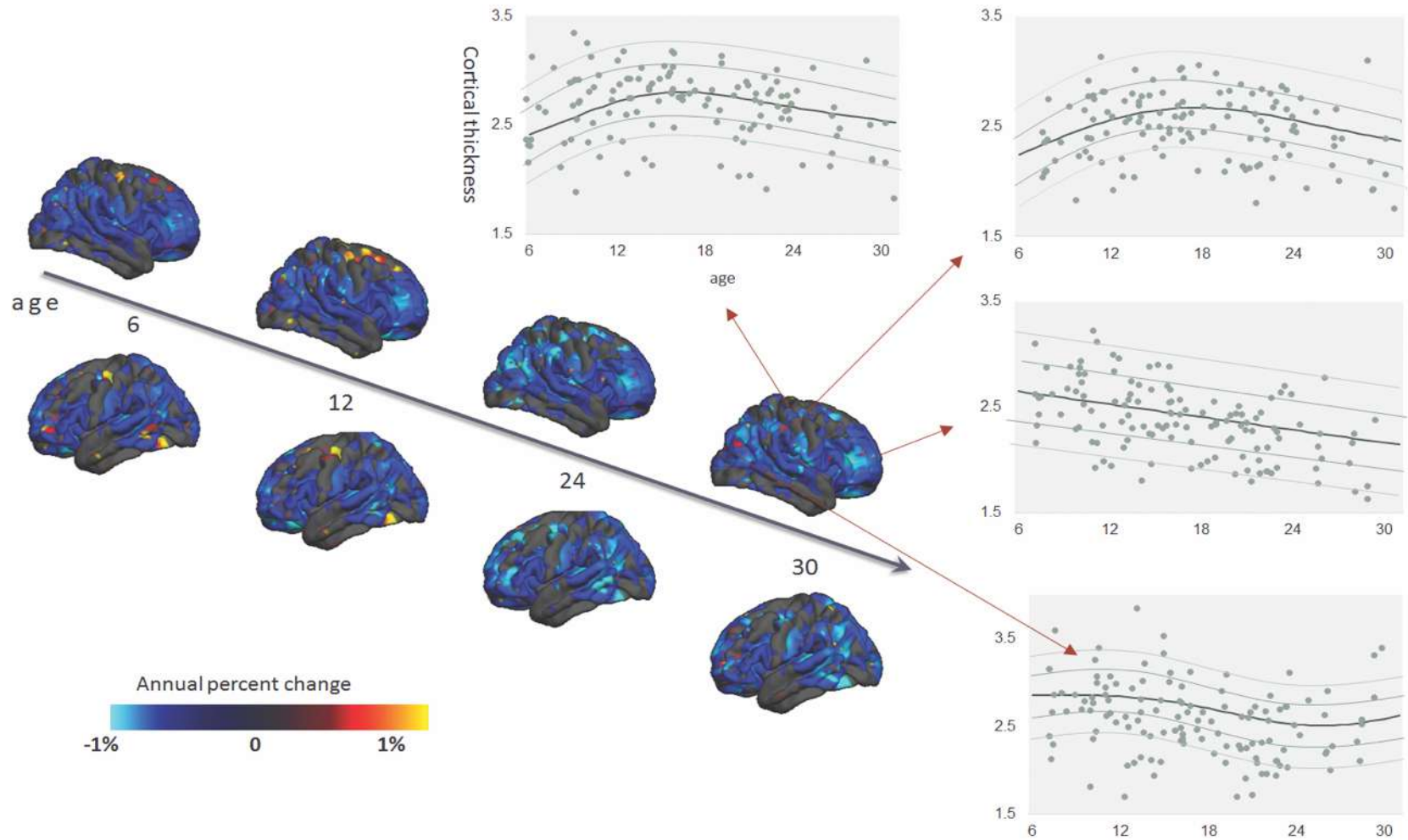


ESTIMATE NORMATIVE MODEL



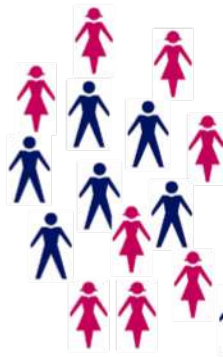


FORWAR MODEL



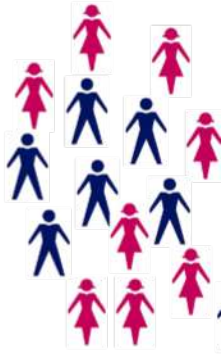


APPLY NORMATIVE MODEL



NORDAN

ANY QUESTIONS?



NORDAN



WE ARE THE TUTORIAL ORGANIZERS...



MARIAM



SAIGE



TOM



Have fun.