

SUPPLEMENTARY MATERIALS

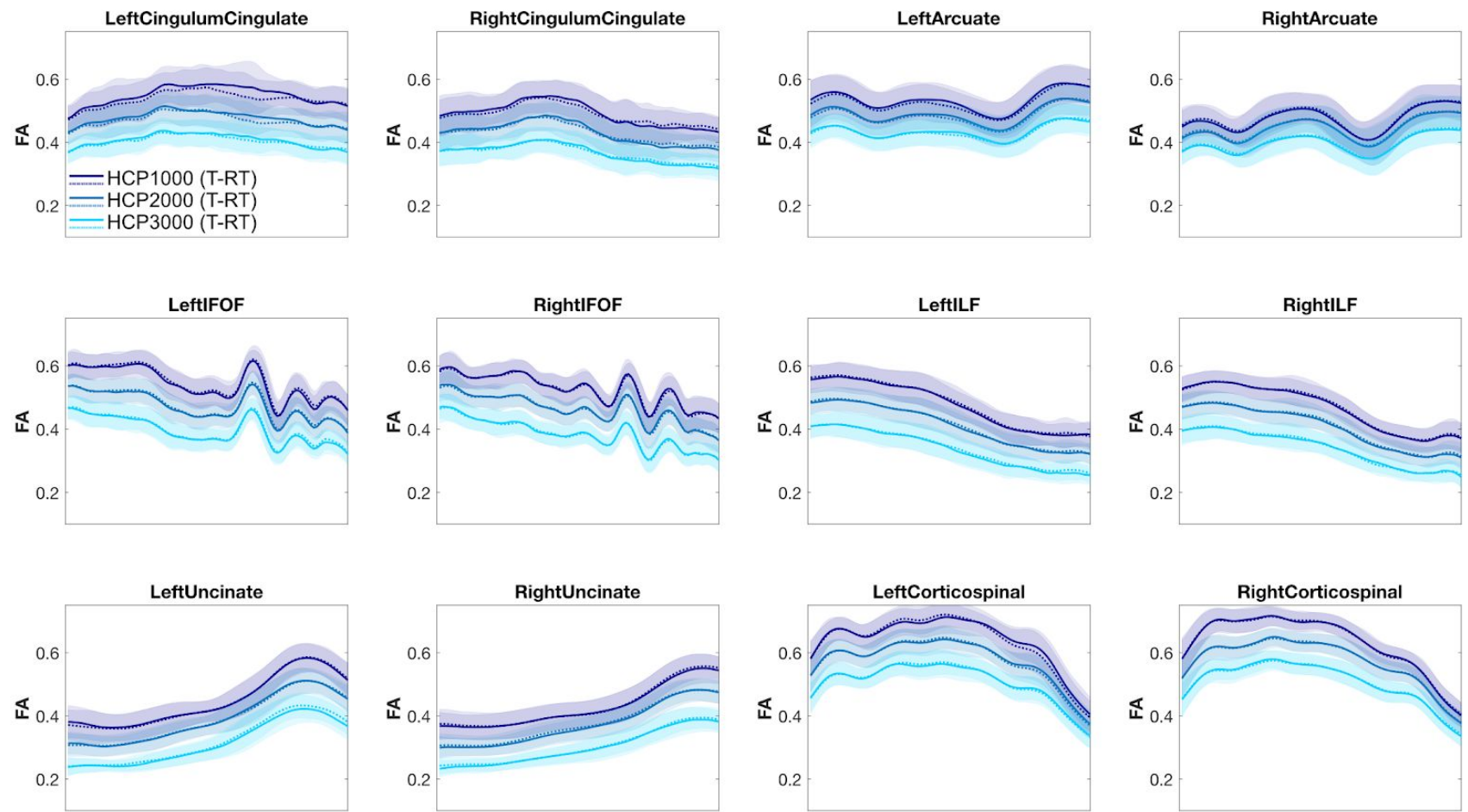


Figure S1a. Average FA profiles, HCP TEST-RETEST experiments, for six homologous white matter tracts.

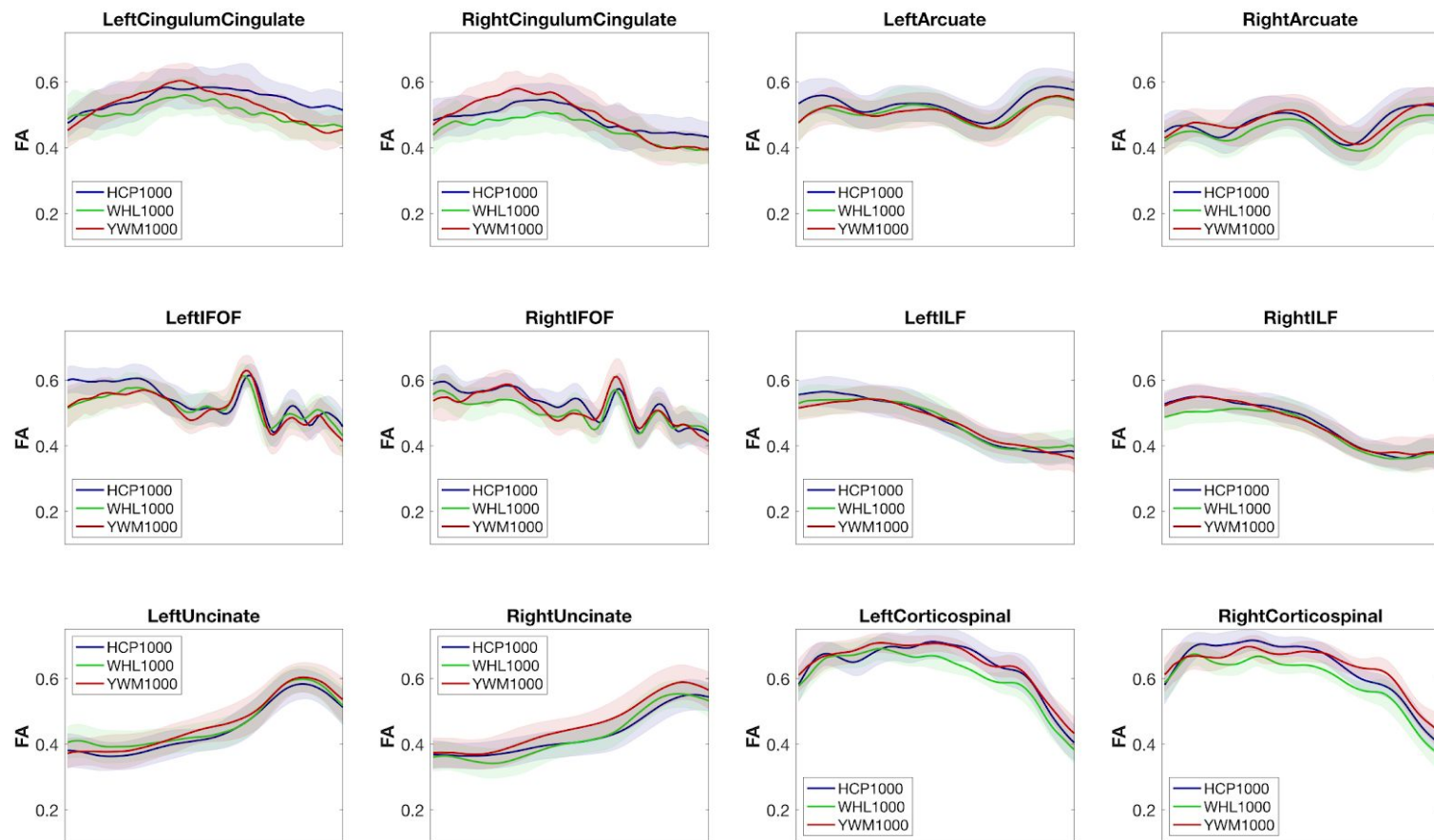


Figure S1b. Average FA profiles, $b=1000$ experiments, for six homologous white matter tracts.

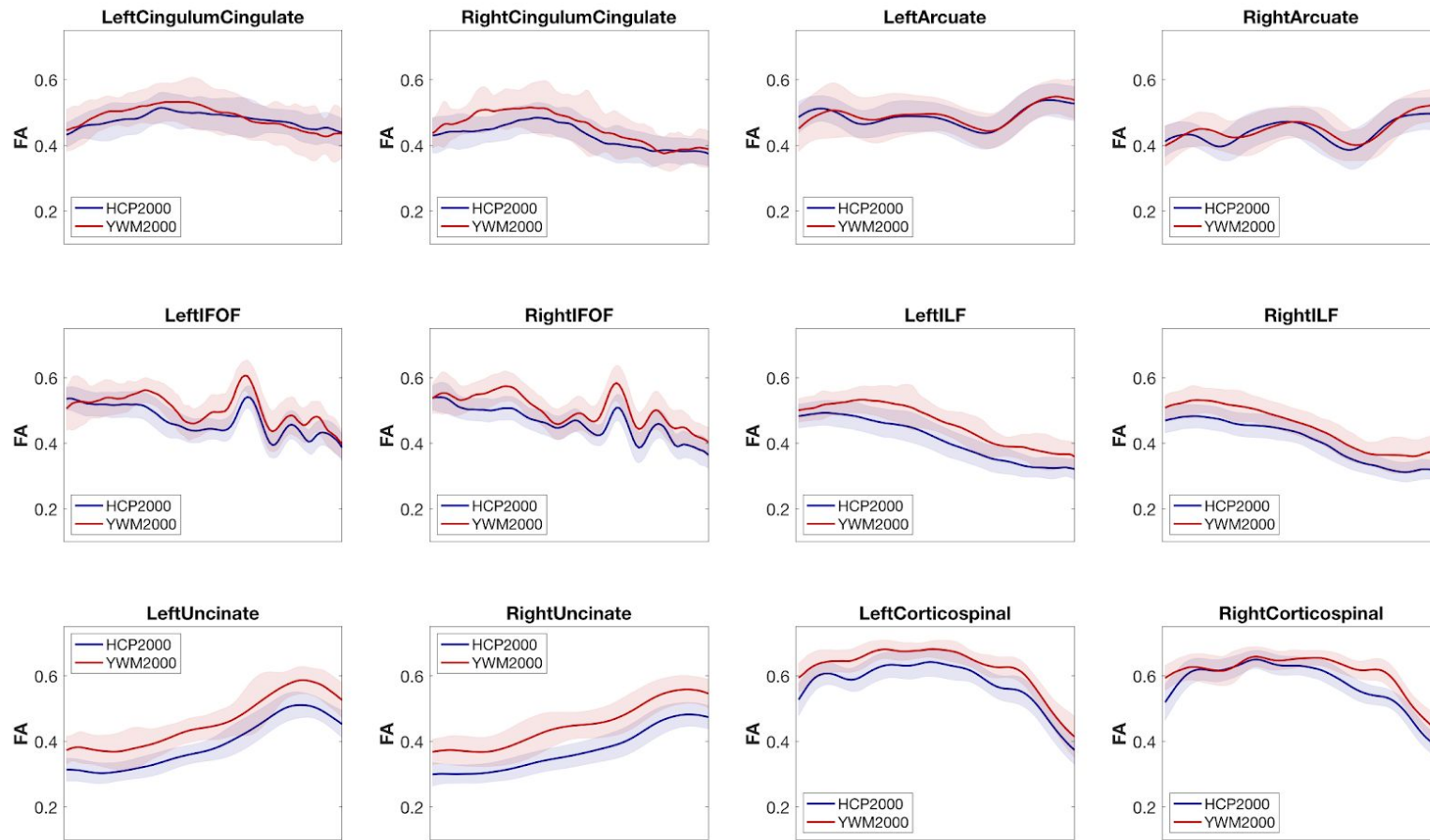


Figure S1c. Average FA profiles, $b=2000$ experiments, for six homologous white matter tracts.

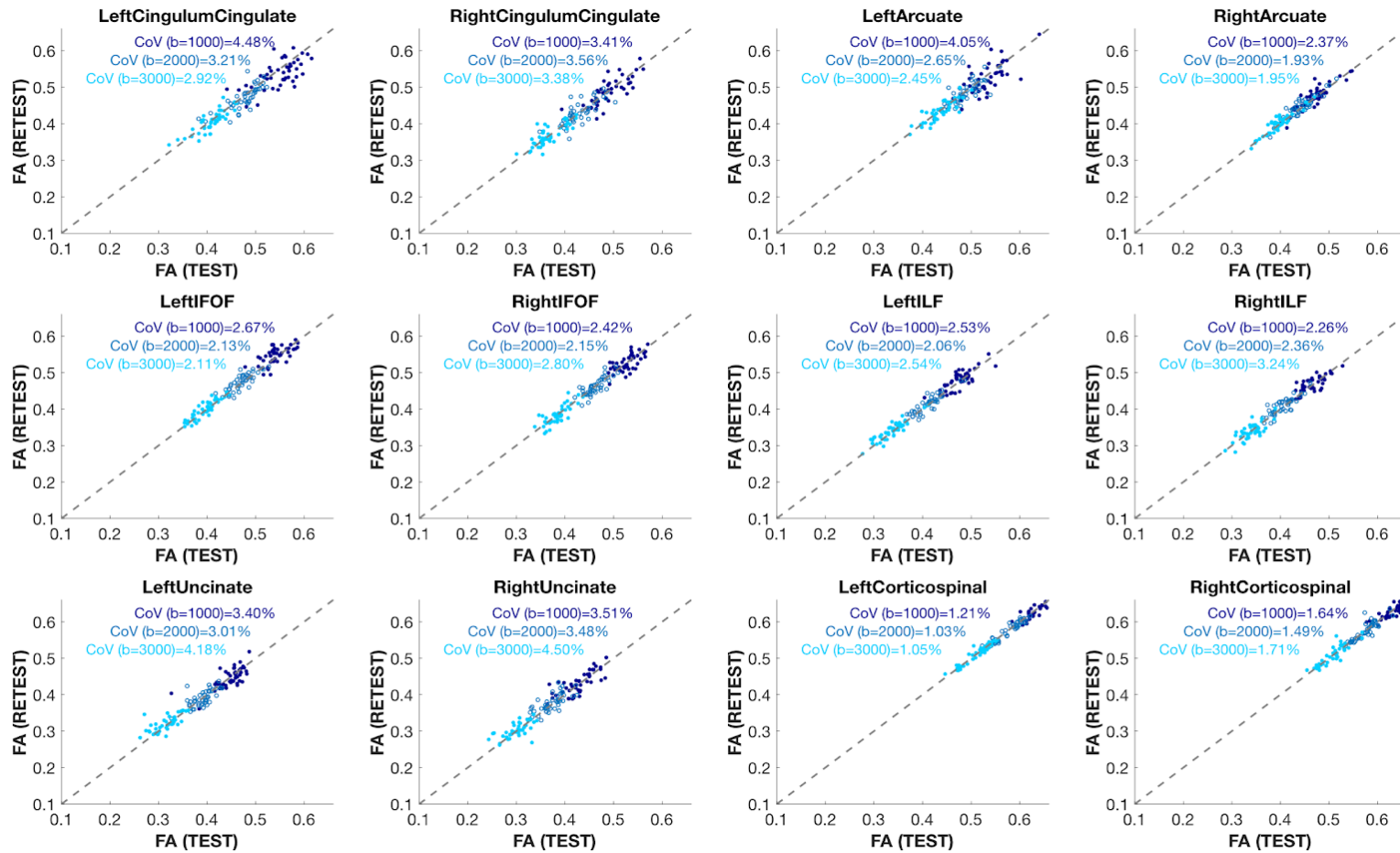


Figure S2. Mean tract FA HCP TEST-RETEST scatterplots. CoV calculated with the within-subject SD method ([Jones and Payne 1997](#); [Synek 2008](#))

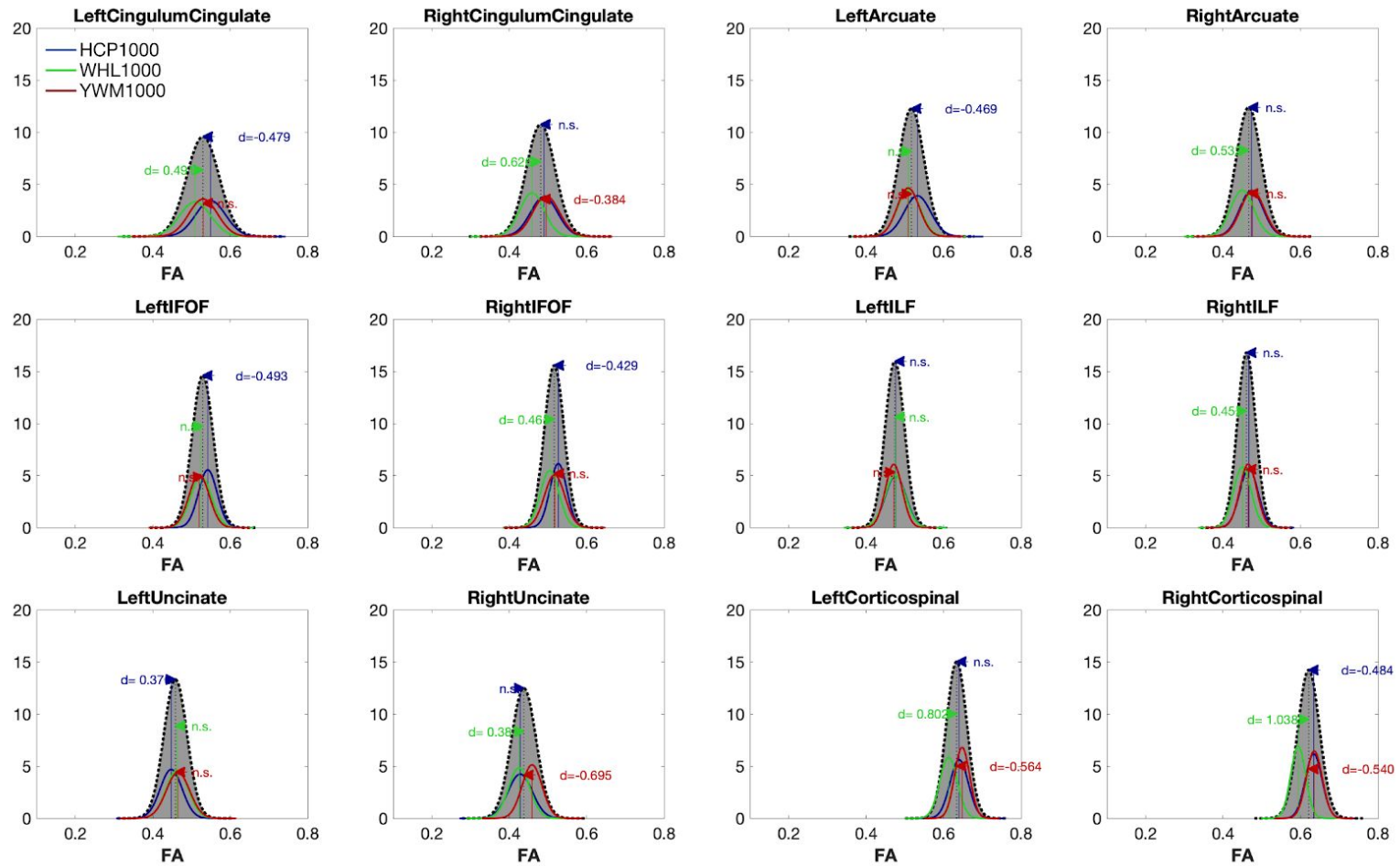


Figure S3a. Normalized probability distributions for the mean FA values, for all tracts and $b=1000$ experiments.

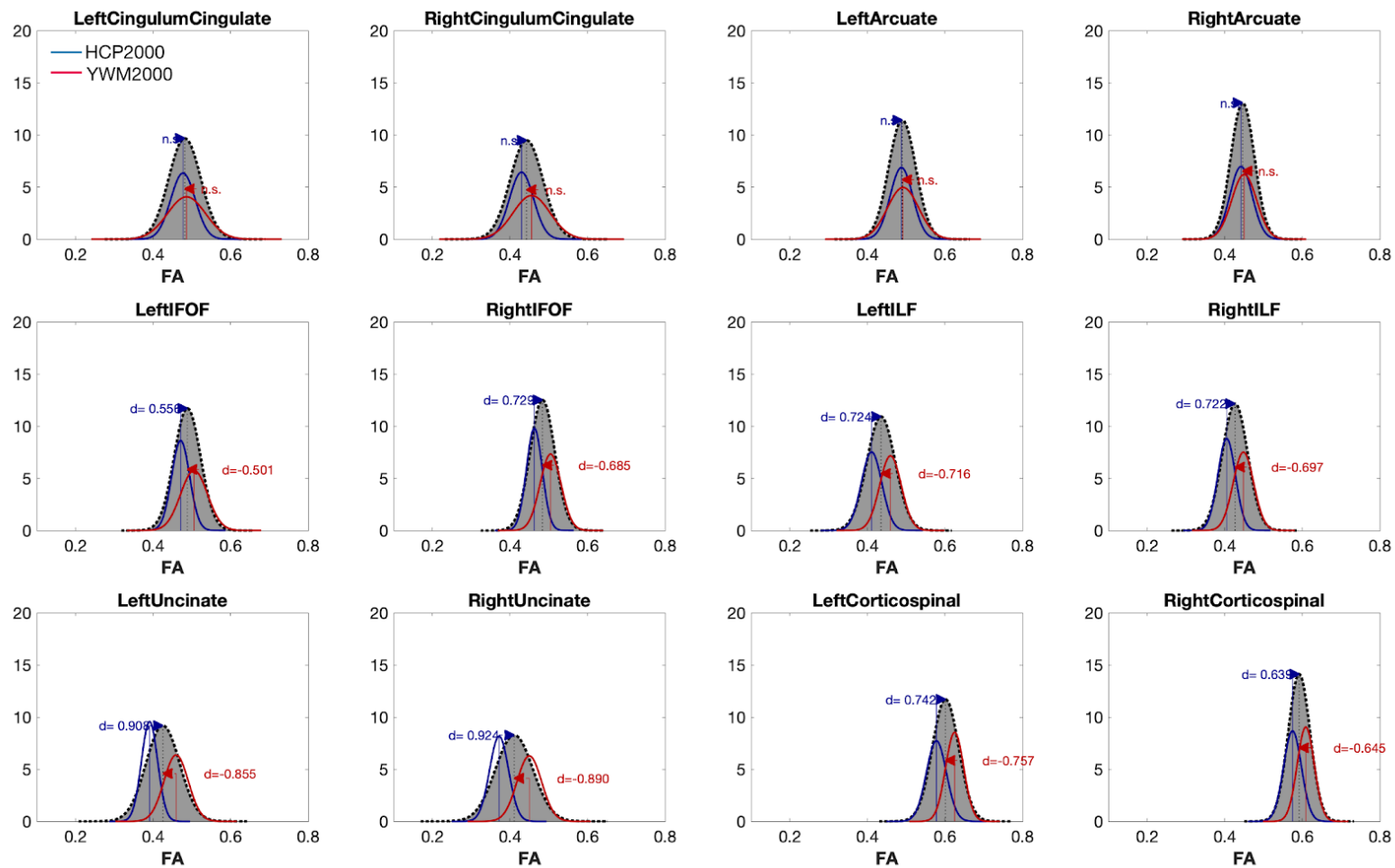


Figure S3b. Normalized probability distributions for the mean FA values, for all tracts and $b=2000$ experiments.

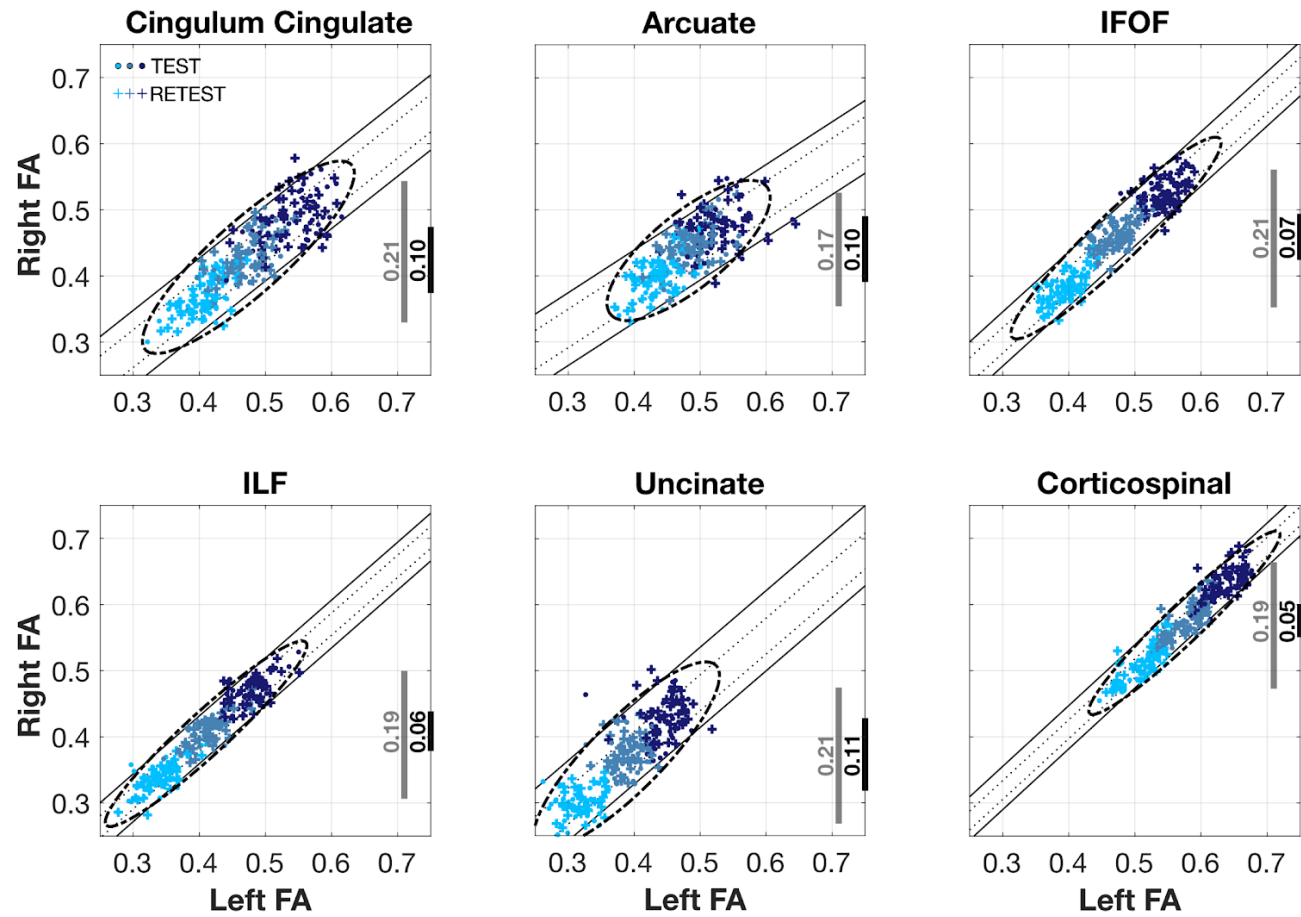


Figure S4. Homologous tract Left-Right FA scatterplots and iso-residual contour lines

