

Resting state analysis

N pre-processed datasets

random groups of L datasets

random groups of L datasets

random groups of L datasets

K groups

MELODIC

concat-ICA

concat-ICA

concat-ICA

IC maps

IC maps

IC maps

RAICAR

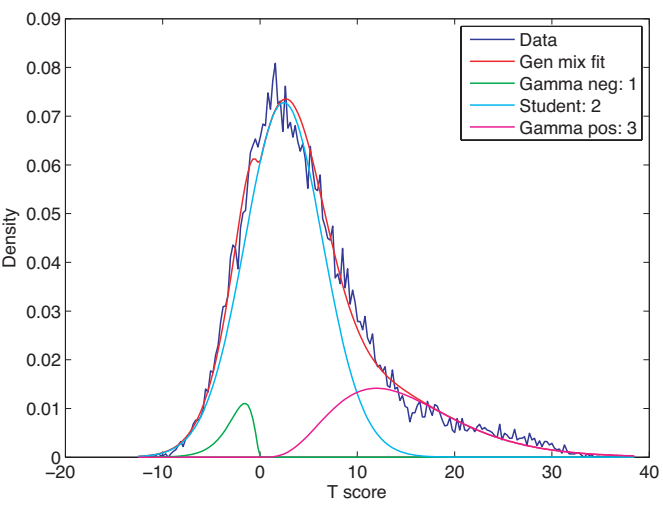
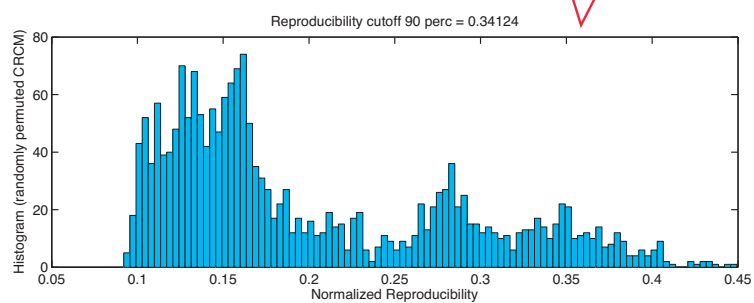
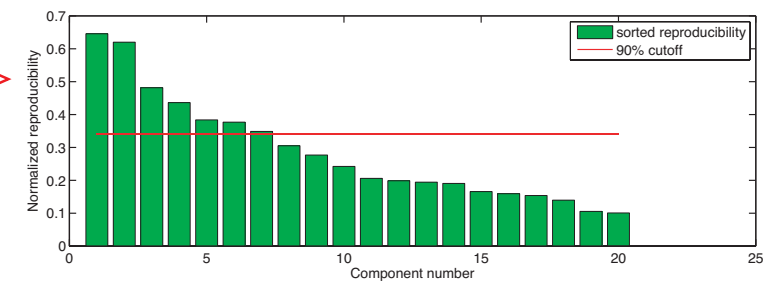
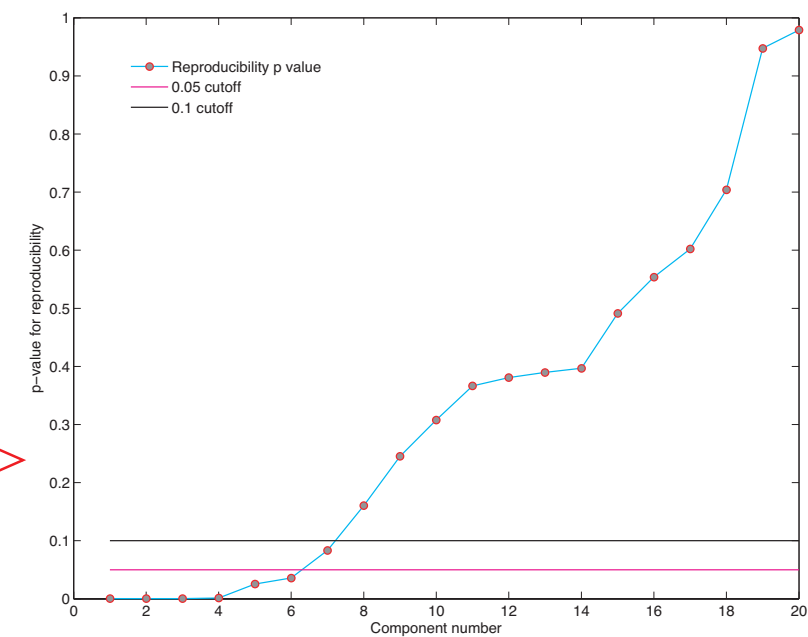
Generate "null" distribution
for reproducibility index

Reproducibility p -values
for ICA components

Filter out reproducible
components at $p < p_{crit}$

Group average t -stat maps

Γ_{neg} , Student t and Γ_{pos} mixture modeling



Randomly permuted CRCM in RAICAR
Randomly permuted CRCM in RAICAR
•
•
Randomly permuted CRCM in RAICAR