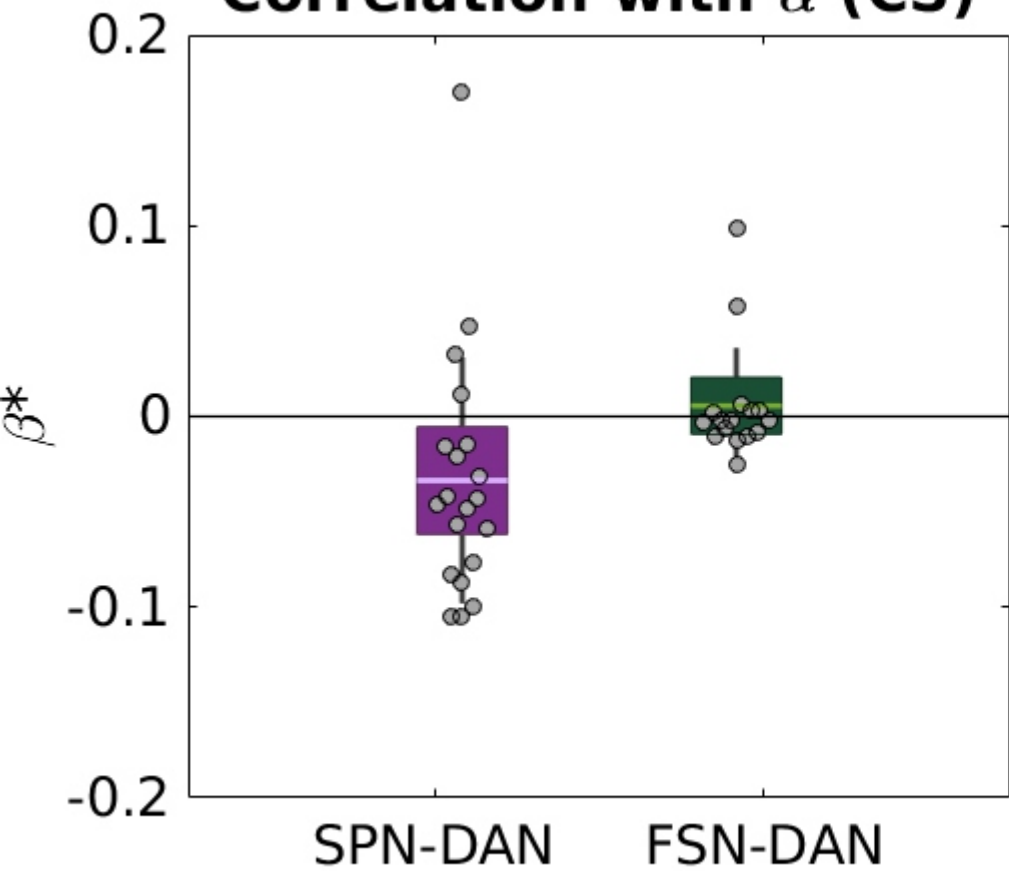


**Correlation with  $\alpha$  (CS)****Empirical CDF of  $\beta^*$** 