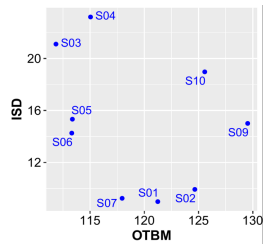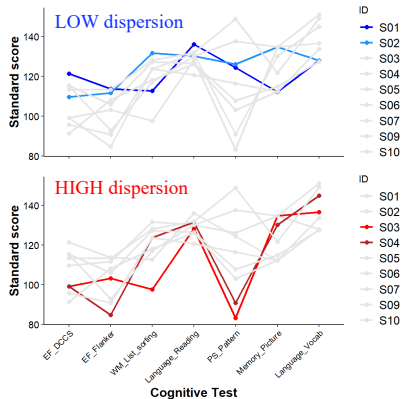# STEP 1. Calculate cognitive dispersion from MSC participants

OTBM, overall test battery mean
ISD, intra-individual standard deviation (aka cognitive dispersion)
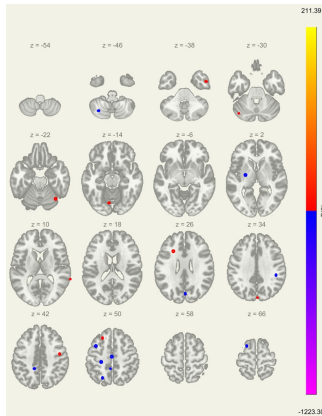
LOW dispersion

HIGH dispersion

EF, executive function
DCCS, Dimensional Change Card Sort
WM, working memory
PS, processing speed

STEP 2. Resting state fMRI analysis

'Does the correlation between connectivity and DISPERSION differ from zero?'

Slice display

Cluster	Coordinates	Voxels	p(unc.)
Left Middle Frontal Gyrus	-36 +8 +50	8	<.001
Left Precentral Gyrus	-2 -16 +50	16	<.001
Left Putamen	-26 -8 +4	5	<.001
Right Cerebelum	+36 -64 -22	4	<.001