

MRI basic infomation

Subject ID	MRI modality	Repetition timers-3 s(64,	rs-fMRI shape	
sub-001	T1w,rs-fMRI		(64, 64, 33, 150)	
		Head motio	n estimation	
Items	Values	Items	Values	
max-abstranslation(mm)	2.2923	num-movements-Diik(>0.1mm)	63	
max-absrotation(deg)	1.5189	mean-rotation-Dijk(deg)	0.09267	
max-motion-Dijk(mm)	2.179	mean-FD(mm)	0.2992	
mean-motion-Dijk(mm)	0.15081	num-FD>0.5	10	

\* The MRI demonstrates less head movements.

## Temporal Signal to Noise Ratio(TSNR)



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FSA score

Subject ID sub-001 FSA score -1.52594148

The models for computing the FSA score were trained exclusively on Chinese Han individuals using uniform scanning parameters in our publication. Thus our current model of the FSA score can be considered to be an initial solution for indexing functional striatal abnormalities; establishing different models on other ethnic groups or methods is encouraged. To calculate FSA scores for larger datasets, you may prefer using our computation code and model in github( https://github.com/BingLiu-Lab/FSA).



MRI basic infomation

Subject ID	MRI modality	Repetition time rs	rs-fMRI shape	
sub-002	T1w,rs-fMRI	3 s (64	(64, 64, 33, 150)	
		Head motion	on estimation	
Items	Values	Items	Values	
max-abstranslation(mm)	0.70853	num-movements-Dijk(>0.1mm)	68	
max-absrotation(deg)	0.85858	mean-rotation-Dijk(deg)	0.041627	
max-motion-Dijk(mm)	0.53304	mean-FD(mm)	0.18898	
mean-motion-Dijk(mm)	0.10411	num-FD>0.5	3	

\* The MRI demonstrates less head movements.

## Temporal Signal to Noise Ratio(TSNR)



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FSA score

Subject ID sub-002

FSA score 1.26956252

The models for computing the FSA score were trained exclusively on Chinese Han individuals using uniform scanning parameters in our publication. Thus our current model of the FSA score can be considered to be an initial solution for indexing functional striatal abnormalities; establishing different models on other ethnic groups or methods is encouraged. To calculate FSA scores for larger datasets, you may prefer using our computation code and model in github( https://github.com/BingLiu-Lab/FSA).