

Assignment 4

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5 April 2017

1 README before running

Assume that a raw bold response is given. Don't forget to adjust the parameters in the `running_prestats.sh` before running the matlab scripts.

Run `running_prestats.sh`. Then we can move to `exampleRun.m`. It takes only the input file where in our case, it is `filtered_func_data.nii.gz`. It produces the outputs with different parameters and it is clearly visible from the file names. Now adjust the parameters in `running.sh` and also see what files do you want to test.

2 Table

	HPF Value	Spatial Smoothing Parameter	Size of largest cluster	Voxel(COG)	Largest Z value
concat	80	8	21469	[46.6,22.3,40.8]	27
concat taking models average	120	8	21492	[46.7,22.2,40.6]	3.36

For the 1st row, the area is: 76% Left Cerebral Cortex, 80% GM Visual Cortex V1 BA17 L, 32% GM Visual Cortex V2 BA18, 22% WM Optic radiation L

For the 2nd row, 77% Left Cerebral Cortex , 20% Left Cerebral White Matter, 95% GM Visual cortex V1 BA17 L, 39% WM Optic radiation L, 13% GM Visual cortex V2 BA18 L