Part 3 of Onboarding Challenge

Task: *Starting with a development environment containing C-PAC v1.8.4, add the ability to use prior probability maps in the existing C-PAC node that calls FSL's FAST*

Copied over desc-preproc_T1w image to new directory.

```
mkdir /home/agutierrez/FAST
cp /home/agutierrez/Documents/cpac_v1.8.4/output/cpac_cpac-default-pipeline/sub-0025429_ses-1/anat/sub-0025429_ses-1_desc-preproc_T1w.nii.gz /home/agutierrez/FAST/
```

then used fast command:

```
fast -t 1 -P /home/agutierrez/FAST/sub-0025429_ses-1_desc-preproc_T1w.nii.gz
```

should get these files in the same directory:

```
tree /home/agutierrez/FAST
/home/agutierrez/FAST
├── sub-0025429_ses-1_desc-preproc_T1w_mixeltype.nii.gz
├── sub-0025429_ses-1_desc-preproc_T1w.nii.gz
├── sub-0025429_ses-1_desc-preproc_T1w_pve_0.nii.gz
├── sub-0025429_ses-1_desc-preproc_T1w_pve_1.nii.gz
├── sub-0025429_ses-1_desc-preproc_T1w_pve_2.nii.gz
├── sub-0025429_ses-1_desc-preproc_T1w_pveseg.nii.gz
└── sub-0025429_ses-1_desc-preproc_T1w_seg.nii.gz
```

Task: *Run ciftify's mean time series extraction tool.*

https://github.com/edickie/ciftify/blob/master/ciftify/bin/ciftify_meants.py

ciftify_meants [options] <func> <seed>

rois_3mm.nii.gz is the seed mask (atlas) we are using because it has the same dimensions as our functional timeseries. (makes things easy).

```
ciftify_meants --outputcsv /home/agutierrez/meants_rois3mm_v1.8.4.csv /home/agutierrez/Documents/cpac_v1.8.4/output/cpac_cpac-default-pipeline/sub-0025429_ses-1/func/sub-0025429_ses-1_task-rest_run-1_space-template_desc-preproc-1_bold.nii.gz /home/agutierrez/cpac-preproc/rois_3mm.nii.gz
```

Expected outputs:

CSV file meants_rois3mm_v1.8.4.csv