

Resting State Analysis (seed based)

```
cd /fmri/PI/training/your_group_name/  
cp /fmri/PI/training/Class_Intro_fMRI/RestState_class_2013.tgz .  
tar xvzf RestState_class_2013.tgz  
cd RestState_class_2013
```

```
cd /Afni_analy/
```

```
# You should see two scripts I have built.  
# Run the following:
```

```
rest_state_prelim_pre_process.s  
rest_state_prelim_analy_ROI.s PCrsp
```

```
afni &
```

```
In afni,  
(1)
```

```
    Select UnderLay "T1Volume".
```

```
    Seect OverLay "ROI_PCrsp" to see the region of interst.
```

```
(2)    Seect OverLay "Corr_CleanData_2_RestState_both_3dfim_PCrsp"  
       and view the functional connectivity to the ROI_PCrsp.
```

```
(3) Draw an ROI manually. Let's say ROI_test. Then
```

```
rest_state_prelim_analy_ROI.s test
```

```
Repeat the above (1) and (2) to inspect the result.
```