BIDS Name :

# Logger file:

Save in *derivatives/logging/*

**Name**:

* Logger-xxx.log

# Brain Mask and ribbon:

Saved in *derivatives/sub-xx/anat*/

**Name:**

* sub-xx\_ribbon.nii.gz
* sub-xx\_brainmask.nii.gz
* sub-xx \_brainmask\_desc-resamp2fmri.nii.gz

Template T1:

Saved in *derivatives/sub-xx/anat*/

**Name**:

* w15\_t1\_mprage\_sag\_p2\_iso\_Fov256 => sub-xx\_space-MNI152\_T1w.nii.gz

# ROIs

In template space:

Saved in *derivatives/atlas-{atlas}/rois/*

**Name**:

* tpl-MNI152NLin6Asym\_res-01\_atlas-{atlas}\_roi-{task}.nii.gz
* tpl-MNI152\_res-01\_atlas-{atlas}\_roi-{task}.nii.gz

## In Subject space:

**For the whole atlas**: saved in derivatives/sub-xx/*anat/atlas-{atlas}/*

**Name*:***

* sub-xx\_atlas-{atlas}.nii.gz
* sub-xx\_space-MNI152NLin6Asym\_atlas-{atlas}.nii.gz
* sub-xx\_space-MNI152\_atlas-{atlas}.nii.gz

**For the rois**: saved in derivatives/sub-xx/*anat/atlas-{atlas}/rois:*

**Name***:*

* sub-xx\_atlas-{atlas}\_roi-{task}.nii.gz

# For fMRI contrast:

Saved in: *derivatives/sub-{sub}/func/task-{task}/*

**Name**:

* spmT\_xxx.nii -> sub-xx\_task-{task}\_contrast-{contrast}\_desc-stat-t\_statmap.nii.gz
* sub-xx \_task-{task}\_contrast-{contrast}\_desc-stat-z\_statmap.nii.gz
* sub-xx \_task-{task}\_contrast-{contrast}\_desc-stat-z\_statmap*\_masked*.nii.gz
* */corr-{ corr\_method}/*sub-xx \_task-{task}\_contrast-{contrast}\_desc-stat-z\_statmap \_masked*\_corr-{corr\_method}\_alpha-{alpha}\_cluster-{clustersize}\_twosided-{twosided}*.nii.gz

# For SPM outputs:

Saved in: *derivatives/sub-{sub}/func/task-{task}/*

**Name:**

Con\_xxxx.nii => sub-xx \_task-{task}\_contrast-{contrast}\_desc-stat-con\_statmap.nii.gz

Beta\_xxx.nii => sub-xx\_task-{task}\_desc-regressor-{regressor}\_betamap.nii.gz

ResMV.nii => sub-xx\_task-{task}\_desc-stat-ResMS\_statmap.nii.gz

RPV.nii => sub-xx\_task-{task}\_desc-stat-RPV\_statmap.nii.gz

Mask.nii => sub-xx\_task-{task}\_desc-brainmask.nii.gz

# For EEG:

Saved in: *derivatives/sub-{sub}/eeg/stc\_interpolated/task-{task}/*

**Name**:

* sub-xx\_task-{task}\_condition-{condition}\_desc-eeg-stcinterpol\_tp-{tp}\_stat- {stc\_algo}\_statmap. nii.gz
* sub-xx\_task-{task}\_condition-{condition}\_desc-eeg- stcinterpol \_tp-{tp}\_stat- {stc\_algo}\_statmap *\_resamp*.nii.gz
* sub-xx\_task-{task}\_condition-{condition}\_desc-eeg- stcinterpol \_tp-{tp}\_stat- {stc\_algo}\_statmap \_resamp*\_masked*.nii.gz
* sub-xx\_task-{task}\_condition-{condition}\_desc-eeg- stcinterpol \_tp-{tp}\_stat- {stc\_algo} statmap resamp\_masked *\_topercent-{alpha}\_cluster-{clustersize*}.nii.gz

For MEG:

Saved in: *derivatives/sub-{sub}/meg/stc\_interpolated/task-{task}/*

**Name:**

* *sub-xx\_task-{task}\_condition-{condition}\_desc-meg-stcinterpol\_tp-{tp}\_pos-{pos}\_stat-sLORETA\_statmap.nii.gz*
* sub-xx\_task-{task}\_condition-{condition}\_desc-meg- *stcinterpol* \_tp-{tp}\_pos-{pos}\_stat-sLORETA\_statmap*\_resamp*.nii.gz
* sub-xx\_task-{task}\_condition-{condition}\_desc-meg- *stcinterpol* \_tp-{tp}\_pos-{pos}\_stat-sLORETA\_statmap\_resamp*\_masked.*nii.gz
* sub-xx\_task-{task}\_condition-{condition}\_desc-meg- *stcinterpol* \_tp-{tp}\_pos-{pos}\_stat-sLORETA\_statmap\_resamp\_masked*\_topercent-{alpha}\_cluster-{clustersize*}.nii.gz

# When mask with roi:

Old name + \_atlas-{atlas}\_roi-{roi}.nii.gz

# Comparison DataFrame:

* *derivatives/sub-{sub}/results/* {analysis\_type}/*sub-xx\_analysis-{analysis\_type}\_modality\_comparison.xlsx*
* *derivatives//results/* {analysis\_type}/*all\_subjects\_analysis-{analysis\_type}\_modality\_comparison.xlsx*

# Stats DataFrame:

* *derivatives//results/* {analysis\_type}/*all\_subjects\_analysis-{analysis\_type}\_modality\_comparison\_stats-{typestats}\_Rorpython.xlsx*

*typestats: location, dispersion, MeanStd*

*analysis\_type: POA, COG, Overlap*