

| IN | inputnode | OUT |
|----|-----------|--------------|
| | | flair |
| | | roi |
| | utility | subject_id |
| | | subjects_dir |
| | | t1w |
| | | t2w |

| IN | anat_template_wf | OUT |
|---------------|------------------|----------------------------|
| | | outputnode.out_report |
| inputnode.t1w | | outputnode.t1w_realign_xfm |
| | | outputnode.t1w_ref |
| | | outputnode.t1w_valid_list |

| IN | anat_validate | OUT |
|---------|---------------|----------|
| | images | |
| in_file | | out_file |

| IN | brain_extraction_wf | OUT |
|--------------------|---------------------|---------------------------|
| | | outputnode.bias_corrected |
| | | outputnode.out_file |
| inputnode.in_files | | outputnode.out_segm |

| IN | | surface_recon_wf | OUT |
|----------------------|------------------------|------------------|-----------------------------|
| inputnode.ants_segs | inputnode.corrected_t1 | inputnode.flair | outputnode.fsnative2t1w_xfm |
| | | | outputnode.out_aparc |
| | | | outputnode.out_aseg |
| | | | outputnode.out_brainmask |
| | | | outputnode.subject_id |
| | | | outputnode.subjects_dir |
| | | | outputnode.surfaces |
| | | | outputnode.t1w2fsnative_xfm |
| inputnode.subject_id | inputnode.subjects_dir | inputnode.t1w | |
| | | | |
| inputnode.t2w | | | |

| IN | applyrefined | OUT |
|----|--------------|----------|
| | in_file | fsl |
| | mask_file | out_file |

| IN | buffernode | OUT |
|----|------------|-----------|
| | t1w_brain | utility |
| | t1w_mask | t1w_brain |
| | | t1w_mask |

| IN | t1w_dseg | OUT |
|----|----------|------------------|
| | fsl | probability_maps |
| | in_files | tissue_class_map |

| IN | | anat_norm_wf | OUT |
|-------------------------------|------------------------|-----------------------|--------------------------|
| inputnode.lesion_mask | inputnode.moving_image | inputnode.moving_mask | outputnode.anat2std_xfm |
| | | | outputnode.std2anat_xfm |
| | | | outputnode.template |
| | | | poutputnode.anat2std_xfm |
| | | | poutputnode.standardized |
| | | | poutputnode.std2anat_xfm |
| inputnode.moving_segmentation | inputnode.moving_tpms | inputnode.orig_t1w | poutputnode.std_dseg |
| | | | poutputnode.std_mask |
| | | | poutputnode.std_tpms |
| inputnode.template | | | poutputnode.template |

| IN | | OUT |
|------------------|------------|------------------|
| anat2std_xfm | outputnode | fsnative2t1w_xfm |
| fsnative2t1w_xfm | | std_dseg |
| std2anat_xfm | | std_mask |
| std_dseg | | std_preproc |
| std_mask | | std_tpms |
| std_preproc | | surfaces |
| std_tpms | | t1w2fsnative_xfm |
| subject_id | utility | t1w_dseg |
| subjects_dir | | t1w_mask |
| surfaces | | t1w_preproc |
| t1w2fsnative_xfm | | t1w_ref_xfms |
| t1w_aparc | | t1w_tpms |
| t1w_aseg | | |
| t1w_brain | | |
| t1w_dseg | | |
| t1w_mask | | |
| t1w_preproc | | |
| t1w_ref_xfms | | |
| t1w_tpms | | |
| template | | |

| | | |
|----------------------------|---------------------|-----|
| IN | anat_derivatives_wf | OUT |
| inputnode.anat2std_xfm | | |
| inputnode.fsnative2t1w_xfm | | |
| inputnode.source_files | | |
| inputnode.std2anat_xfm | | |
| inputnode.std_dseg | | |
| inputnode.std_mask | | |
| inputnode.std_t1w | | |
| inputnode.std_tpms | | |
| inputnode.surfaces | | |
| inputnode.t1w2fsnative_xfm | | |
| inputnode.t1w_dseg | | |
| inputnode.t1w_fs_aparc | | |
| inputnode.t1w_fs_aseg | | |
| inputnode.t1w_mask | | |
| inputnode.t1w_preproc | | |
| inputnode.t1w_ref_xfms | | |
| inputnode.t1w_tpms | | |
| inputnode.template | | |

| IN | | anat_reports_wf | OUT |
|------------------------------|--|-----------------|-----|
| inputnode.source_file | | | |
| inputnode.std_mask | | | |
| inputnode.std_t1w | | | |
| inputnode.subject_id | | | |
| inputnode.subjects_dir | | | |
| inputnode.t1w_conform_report | | | |
| inputnode.t1w_dseg | | | |
| inputnode.t1w_mask | | | |
| inputnode.t1w_preproc | | | |
| inputnode.template | | | |