

| IN | inputnode | OUT | |
|----|-----------|------------------|--|
| | | ants_segs | |
| | | corrected_t1 | |
| | utility | flair | |
| | | skullstripped_t1 | |
| | | subject_id | |
| | | subjects_dir | |
| | | t1w | |
| | | t2w | |

| IN | recon_config | OUT |
|----|--------------|---------------|
| | flair_list | flair |
| | freesurfer | hires |
| | | mrisc_inflate |
| | | t2w |
| | | use_flair |
| | | use_t2w |

| IN | fov_check | OUT |
|----|-----------|-----|
| | utility | out |

| IN | FLAIR_file | autorecon1 | OUT | |
|----|---------------|------------|--------------|--|
| | | | T1 | |
| | | | | |
| | T1_files | freesurfer | subject_id | |
| | T2_file | | | |
| | flags | | | |
| | hires | | | |
| | mrisc_inflate | | | |
| | subject_id | | subjects_dir | |
| | subjects_dir | | | |

| IN | skull_strip_exten | | OUT |
|----|-------------------|------------|--------------|
| | in_brain | freesurfer | subject_id |
| | subject_id | | |
| | subjects_dir | | subjects_dir |

| IN | autorecon_resume_wf | | OUT | |
|----|------------------------|--|-------------------------|--|
| | inputnode.subject_id | | outputnode.subject_id | |
| | inputnode.subjects_dir | | | |
| | inputnode.use_FLAIR | | | |
| | inputnode.use_T2 | | outputnode.subjects_dir | |

| IN | fsnative2t1w_xfm | | OUT |
|----|------------------|------------|--------------|
| | source_file | freesurfer | out_reg_file |
| | target_file | | |

| IN | segs_to_native_aparc_aseg | | OUT | |
|----|----------------------------|--|---------------------|--|
| | inputnode.fsnative2t1w_xfm | | outputnode.out_file | |
| | inputnode.in_file | | | |
| | inputnode.subject_id | | | |
| | inputnode.subjects_dir | | | |

| IN | segs_to_native_aseg | | OUT | |
|----|----------------------------|--|---------------------|--|
| | inputnode.fsnative2t1w_xfm | | outputnode.out_file | |
| | inputnode.in_file | | | |
| | inputnode.subject_id | | | |
| | inputnode.subjects_dir | | | |

| IN | gifti_surface_wf | OUT | | | | | | | |
|----|------------------|------------------------|---------------------|-------------------------|--------------------------|-----------------|-----------------|---------------------|----------------------|
| | | outputnode.curv | outputnode.inflated | outputnode.midthickness | outputnode.morphometrics | outputnode.pial | outputnode.sulc | outputnode.surfaces | outputnode.thickness |
| | | inputnode.subject_id | | | | | | | |
| | | inputnode.subjects_dir | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| IN | t1w2fsnative_xfm | | OUT | |
|----|------------------|------------|---------|--|
| | in_lta | freesurfer | out_lta | |
| | | | | |

| IN | refine | | OUT | |
|----|---------|------------|----------|--|
| | in_anat | freesurfer | out_file | |
| | in_ants | | | |
| | in_aseg | | | |

| | | |
|------------------|------------|-----|
| IN | outputnode | OUT |
| curv | | |
| fsnative2t1w_xfm | | |
| inflated | | |
| midthickness | | |
| morphometrics | utility | |
| out_aparc | | |
| out_aseg | | |
| out_brainmask | | |
| pial | | |
| subject_id | | |
| subjects_dir | | |
| sulc | | |
| surfaces | | |
| t1w2fsnative_xfm | | |
| thickness | | |
| white | | |