

| 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 |  |                     |  |
|    | inputnode.in_file          |  |                     |  |
|    | inputnode.subject_id       |  |                     |  |
|    | inputnode.subjects_dir     |  | outputnode.out_file |  |

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

| 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 |                     |                         |                          |                 |                 |                     | outputnode.white     |

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

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

|                  |            |     |
|------------------|------------|-----|
| 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            |            |     |