

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

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

| IN         | recon_config | OUT           |
|------------|--------------|---------------|
| flair_list |              | flair         |
| t1w_list   | freesurfer   | hires         |
| t2w_list   |              | mrisk_inflate |
|            |              | t2w           |
|            |              | use_flair     |
|            |              | use_t2w       |

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

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

| IN           | skull_strip_extn | 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           | get_surfaces | OUT     |
|--------------|--------------|---------|
| subject_id   | io           | graymid |
| subjects_dir |              | white   |

| IN      | midthickness | OUT      |
|---------|--------------|----------|
| graymid | freesurfer   | out_file |
| in_file |              |          |

| IN             | save_midthickness | OUT      |
|----------------|-------------------|----------|
| base_directory | io                | out_file |
| container      |                   |          |
| surf.@graymid  |                   |          |

| IN        | sync    | OUT          |
|-----------|---------|--------------|
| filenames | utility | subject_id   |
|           |         | subjects_dir |

| IN               | outputnode | OUT |
|------------------|------------|-----|
| fsnative2t1w_xfm | utility    |     |
| subject_id       |            |     |
| subjects_dir     |            |     |