

|    |           |                  |
|----|-----------|------------------|
| 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        |
|            |              | mris_inflate |
| t2w_list   |              | t2w          |
|            |              | use_flair    |
|            |              | use_t2w      |

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

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

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