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

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|----------|-----------|-----|
| IN | fov_check | OUT |
| in_files | utility | out |
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| IN | recon_config | OUT |
| flair_list | | flair |
| t1w_list | freesurfer | hires |
| t2w_list | | mris_inflate |
| | | t2w |
| | | use_flair |
| | | use_t2w |

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

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

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| IN | skull_strip_extn | OUT |
| in_brain | freesurfer | subject_id |
| subject_id | | |
| subjects_dir | | subjects_dir |

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

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

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

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

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

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