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

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

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

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

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|--------------|--------------------|--------------|
| IN | skull_strip_extern | 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 | | outputnode.subjects_dir |
| inputnode.use_FLAIR | | |
| inputnode.use_T2 | | |

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

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

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

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| IN | gifti_surface_wf | OUT |
| inputnode.subject_id | | outputnode.morphometrics |
| inputnode.subjects_dir | | outputnode.surfaces |

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| IN | t1w2fsnative_xfm | OUT |
| in_lta | freesurfer | out_lta |
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| IN | refine | OUT |
| in_anat | freesurfer | out_file |
| in_ants | | |
| in_aseg | | |

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| IN | outputnode | OUT |
| fsnative2t1w_xfm | | |
| morphometrics | | |
| out_aparc | utility | |
| out_aseg | | |
| out_brainmask | | |
| subject_id | | |
| subjects_dir | | |
| surfaces | | |
| t1w2fsnative_xfm | | |