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| IN | inputnode | OUT |
| | | flair |
| | utility | roi |
| | | subject_id |
| | | subjects_dir |
| | | t1w |
| | | t2w |

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| IN | fs_isrunning | OUT |
| subject_id | utility | out |
| subjects_dir | | |

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| IN | anat_template_wf | OUT |
| | | outputnode.out_report |
| | | outputnode.t1w_realign_xfm |
| inputnode.t1w | | outputnode.t1w_ref |
| | | outputnode.t1w_valid_list |

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| IN | anat_validate | OUT |
| in_file | header | out_file |
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| IN | brain_extraction_wf | OUT |
| | | outputnode.bias_corrected |
| | | outputnode.out_file |
| inputnode.in_files | | outputnode.out_segm |
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| IN | surface_recon_wf | OUT |
| | | outputnode.fsnative2t1w_xfm |
| | | outputnode.out_aparc |
| | | outputnode.out_aseg |
| | | outputnode.out_brainmask |
| | | outputnode.subject_id |
| | | outputnode.subjects_dir |
| | | outputnode.surfaces |
| inputnode.ants_segs | | outputnode.t1w2fsnative_xfm |
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| inputnode.corrected_t1 | | |
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| inputnode.flair | | |
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| inputnode.skullstripped_t1 | | |
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| inputnode.subject_id | | |
| | | |
| inputnode.subjects_dir | | |
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| inputnode.t1w | | |
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| inputnode.t2w | | |
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| IN | lut_t1w_dseg | OUT |
| in_dseg | utility | out |
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| IN | split_seg | OUT |
| in_file | utility | out |
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| IN | applyrefined | OUT |
| in_file | fsl | out_file |
| mask_file | | |

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| IN | buffernode | OUT |
| t1w_brain | utility | t1w_brain |
| t1w_mask | | t1w_mask |

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| IN | anat_norm_wf | OUT |
| | | outputnode.anat2std_xfm |
| | | outputnode.std2anat_xfm |
| | | outputnode.template |
| | | poutputnode.standardized |
| | | poutputnode.std_dseg |
| inputnode.lesion_mask | | poutputnode.std_mask |
| | | poutputnode.std_tpms |
| inputnode.moving_image | | poutputnode.template |
| | | |
| inputnode.moving_mask | | |
| | | |
| inputnode.moving_segmentation | | |
| | | |
| inputnode.moving_tpms | | |
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| inputnode.orig_t1w | | |
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| IN | | OUT |
| anat2std_xfm | | outputnode |
| fsnative2t1w_xfm | | |
| std2anat_xfm | | |
| std_dseg | | fsnative2t1w_xfm |
| std_mask | | std_mask |
| std_preproc | utility | std_preproc |
| std_tpms | | |
| subject_id | | surfaces |
| subjects_dir | | |
| surfaces | | t1w2fsnative_xfm |
| t1w2fsnative_xfm | | t1w_dseg |
| t1w_aparc | | t1w_mask |
| t1w_aseg | | |
| t1w_brain | | t1w_preproc |
| t1w_dseg | | |
| t1w_mask | | t1w_ref_xfms |
| t1w_preproc | | t1w_tpms |
| t1w_ref_xfms | | |
| t1w_tpms | | |
| template | | |

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| IN | anat_reports_wf | OUT |
| inputnode.source_file | | |
| inputnode.std_mask | | |
| inputnode.std_t1w | | |
| inputnode.subject_id | | |
| inputnode.subjects_dir | | |
| inputnode.t1w_conform_report | | |
| inputnode.t1w_dseg | | |
| inputnode.t1w_mask | | |
| inputnode.t1w_preproc | | |
| inputnode.template | | |

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| IN | anat_derivatives_wf | |
| inputnode.anat2std_xfm | | |
| inputnode.fsnative2t1w_xfm | | |
| inputnode.source_files | | |
| inputnode.std2anat_xfm | | |
| inputnode.surfaces | | |
| inputnode.t1w2fsnative_xfm | | OUT |
| inputnode.t1w_dseg | | |
| inputnode.t1w_fs_aparc | | |
| inputnode.t1w_fs_aseg | | |
| inputnode.t1w_mask | | |
| inputnode.t1w_preproc | | |
| inputnode.t1w_ref_xfms | | |
| inputnode.t1w_tpms | | |
| inputnode.template | | |