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| IN | inputnode | OUT |
| | utility | in_reference |
| | | in_reference_mask |
| | | in_warp |

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|-----------------|--------------|--------------|
| IN | unwarp_mask | OUT |
| input_image | registration | output_image |
| reference_image | | |
| transforms | | |

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|-----------------|------------------|--------------|
| IN | unwarp_reference | OUT |
| input_image | registration | output_image |
| reference_image | | |
| transforms | | |

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|--------------------|--------------------------------|--------------------------------|
| IN | enhance_and_skullstrip_bold_wf | OUT |
| inputnode.in_file | | outputnode.mask_file |
| inputnode.pre_mask | | outputnode.skull_stripped_file |

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|---------------------|------------|-----|
| IN | outputnode | OUT |
| out_mask | | |
| out_reference | utility | |
| out_reference_brain | | |
| out_warp | | |

