

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

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

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

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

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

