

| | | |
|----|-------------------------|-------------------------|
| IN | inputnode | OUT |
| | bvals | bvals |
| | bvecs | bvecs |
| | dw | dw |
| | resolution_network_file | resolution_network_file |

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| utility | subject_id | subject_id |
| | subjects_dir | subjects_dir |
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|-------------------------|-------------------------|-------------------------|
| IN | inputnode_within | OUT |
| bvals | bvals | bvals |
| bvecs | bvecs | bvecs |
| dw | dw | dw |
| resolution_network_file | resolution_network_file | resolution_network_file |
| subject_id | subject_id | subject_id |
| subjects_dir | subjects_dir | subjects_dir |

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|-------------------------|-------------------------|-------------------------|
| IN | utility | OUT |
| bvals | bvals | bvals |
| bvecs | bvecs | bvecs |
| dw | dw | dw |
| resolution_network_file | resolution_network_file | resolution_network_file |
| subject_id | subject_id | subject_id |
| subjects_dir | subjects_dir | subjects_dir |

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| IN | fssourceLH | OUT |
| subject_id | io | annot |
| subjects_dir | mapping | inflated |
| | | pial |
| | | sphere |
| | | white |

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| IN | fssourceRH | OUT |
| subject_id | io | annot |
| subjects_dir | mapping | inflated |
| | | pial |
| | | sphere |
| | | white |

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| IN | fssource | OUT |
| subject_id | io | aparc_aseg |
| subjects_dir | mapping | brain |

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|------------|----------------------|-----------|
| IN | mris_convertLHlabels | OUT |
| annot_file | freesurfer | converted |
| in_file | mapping | |

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|---------|----------------|-----------|
| IN | mris_convertLH | OUT |
| in_file | freesurfer | converted |
| | mapping | |

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|---------|---------------------|-----------|
| IN | mris_convertLHwhite | OUT |
| in_file | freesurfer | converted |
| | mapping | |

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|---------|------------------------|-----------|
| IN | mris_convertLHinflated | OUT |
| in_file | freesurfer | converted |
| | mapping | |

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|---------|----------------------|-----------|
| IN | mris_convertLHsphere | OUT |
| in_file | freesurfer | converted |
| | mapping | |

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|------------|----------------------|-----------|
| IN | mris_convertRHlabels | OUT |
| annot_file | freesurfer | converted |
| in_file | mapping | |

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|---------|----------------|-----------|
| IN | mris_convertRH | OUT |
| in_file | freesurfer | converted |
| | mapping | |

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|---------|---------------------|-----------|
| IN | mris_convertRHwhite | OUT |
| in_file | freesurfer | converted |
| | mapping | |

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|---------|------------------------|-----------|
| IN | mris_convertRHinflated | OUT |
| in_file | freesurfer | converted |
| | mapping | |

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|---------|----------------------|-----------|
| IN | mris_convertRHsphere | OUT |
| in_file | freesurfer | converted |
| | mapping | |

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|-----|---------------|-----|
| IN | GiftiSurfaces | OUT |
| in1 | utility | |
| in2 | mapping | out |
| in3 | | |
| in4 | | |
| in5 | | |
| in6 | | |
| in7 | | |
| in8 | | |

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|-----|-------------|-----|
| IN | GiftiLabels | OUT |
| in1 | utility | |
| in2 | mapping | out |

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|-------------------------|-------------|--------------|
| IN | CreateNodes | OUT |
| resolution_network_file | cmk | node_network |
| roi_file | mapping | |

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|-------------------------|--------------|-----------------------------------|
| IN | CreateMatrix | OUT |
| out_matrix_file | | endpoint_file |
| out_matrix_mat_file | | endpoint_file_mm |
| resolution_network_file | cmk | fiber_label_file |
| roi_file | mapping | fiber_length_file |
| tract_file | | fiber_length_std_matrix_mat_file |
| | | matrix_files |
| | | matrix_mat_file |
| | | mean_fiber_length_matrix_mat_file |

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| IN | FiberDataArrays | OUT |
| in1 | utility | |
| in2 | | |
| in3 | mapping | out |
| in4 | | |

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|-------------------|--------------|-----------------|
| IN | CFFConverter | OUT |
| data_files | | |
| gifti_labels | | |
| gifti_surfaces | cmk | |
| gpickled_networks | | |
| nifti_volumes | mapping | connectome_file |
| title | | |
| tract_files | | |

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| IN | outputnode | OUT |
| cmatrix | | |
| connectome | | |
| fa | | |
| fiber_length_std | | |
| mean_fiber_length | utility | |
| networks | | |
| rois | | |
| struct | | |
| tensors | | |
| trace | | |
| tracts | | |

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| IN | ROIGen_structspace | OUT |
| aparc_aseg_file | cmk | roi_file |
| | mapping | |

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| IN | coregister | OUT |
| in_file | fsl | out_matrix_file |
| reference | mapping | |

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|---------|---------|-----|
| IN | fa | OUT |
| in_file | camino | fa |
| | mapping | |

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| IN | convertxfm | OUT |
| in_file | fsl | out_file |
| voxel_dims | mapping | |

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| IN | analyzeheader_fa | OUT |
| data_dims | camino | header |
| in_file | mapping | |
| voxel_dims | | |

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| IN | inverse_AparcAseg | OUT |
| in_file | fsl | out_file |
| in_matrix_file | reference | mapping |

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|----------------|-----------|---------|
| IN | inverse | OUT |
| in_file | fsl | |
| in_matrix_file | reference | mapping |

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|-------------|---------|------------|
| IN | fa2nii | OUT |
| data_file | misc | nifti_file |
| header_file | mapping | |

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| IN | ROIGen | OUT |
| aparc_aseg_file | cmk | roi_file |
| | mapping | |

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|-----|--------------|-----|
| IN | NiftiVolumes | OUT |
| in1 | utility | |
| in2 | | |
| in3 | mapping | out |

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| IN | track | OUT |
| in_file | camino | tracked |
| seed_file | mapping | |

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|------------|-----------------|----------|
| IN | camino2trackvis | OUT |
| data_dims | camino2trackvis | trackvis |
| in_file | mapping | |
| voxel_dims | | |

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| IN | trk2camino | OUT |
| in_file | camino2trackvis | mapping |

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|---------|----------------|-----|
| IN | vtkstreamlines | OUT |
| in_file | camino | |
| | mapping | |

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|-------------|-----------|------------|
| IN | trace2nii | OUT |
| data_file | misc | nifti_file |
| header_file | mapping | |

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|------------|---------------------|--------|
| IN | analyzeheader_trace | OUT |
| data_dims | camino | header |
| in_file | mapping | |
| voxel_dims | | |

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|-------------|---------|---------------|
| IN | dtifit | OUT |
| in_file | camino | tensor_fitted |
| scheme_file | mapping | |

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| IN | picopdfs | OUT |
| in_file | camino | pdfs |
| luts | mapping | |

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| IN | dteig | OUT |
| in_file | camino | |
| mapping | | |

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|---------|--------|-------|
| IN | trace | OUT |
| in_file | camino | trace |
| mapping | | |

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|-----------|------------|--------|
| IN | fsl2scheme | OUT |
| bval_file | camino | scheme |
| bvec_file | mapping | |

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|---------|-------------|-------------|
| IN | image2voxel | OUT |
| in_file | camino | voxel_order |
| mapping | | |

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|-------------|----------|--------|
| IN | dltutgen | OUT |
| scheme_file | camino | dtiLUT |
| mapping | | |