

| | | |
|---------|-------------------------|-------------------------|
| IN | inputnode | OUT |
| | bvals | bvals |
| | bvecs | bvecs |
| | dwi | dwi |
| utility | resolution_network_file | resolution_network_file |
| | subject_id | subject_id |
| | subjects_dir | subjects_dir |

| | | |
|-------------------------|-------------------------|-------------------------|
| IN | inputnode_within | OUT |
| bvals | bvals | bvals |
| bvecs | bvecs | bvecs |
| dwi | dwi | dwi |
| resolution_network_file | resolution_network_file | resolution_network_file |
| subject_id | subject_id | subject_id |
| subjects_dir | subjects_dir | subjects_dir |
| mapping | | |

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

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

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

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

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

| | | |
|-------------|----------|-------|
| IN | dtlutgen | OUT |
| scheme_file | camino | dtLUT |
| | mapping | |

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

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

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

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

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

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

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

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

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

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

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

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

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

| | | |
|-----------------|---------|----------|
| IN | ROIgen | OUT |
| aparc_aseg_file | cmrk | roi_file |
| | mapping | |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| | | |
|---------|-----------------------|----------|
| IN | mri_convert_AparcAseg | OUT |
| in_file | freesurfer | out_file |
| | mapping | |

| | | |
|---------|-------------------|----------|
| IN | mri_convert_Brain | OUT |
| in_file | freesurfer | out_file |
| | mapping | |

| | | |
|-----------|---------|-----------|
| IN | bet_b0 | OUT |
| in_file | fsl | mask_file |
| t2_guided | mapping | |

| | | |
|-----------------|--------------------|----------|
| IN | ROIgen_structspace | OUT |
| aparc_aseg_file | cmrk | roi_file |
| | mapping | |

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

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

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

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

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

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

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

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

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

| | | |
|-----------------|---------|----------|
| IN | ROIgen | OUT |
| aparc_aseg_file | cmrk | roi_file |
| | mapping | |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| | | |
|---------|-----------------------|----------|
| IN | mri_convert_AparcAseg | OUT |
| in_file | freesurfer | out_file |
| | mapping | |

| | | |
|---------|-------------------|----------|
| IN | mri_convert_Brain | OUT |
| in_file | freesurfer | out_file |
| | mapping | |

| | | |
|-----------|---------|-----------|
| IN | bet_b0 | OUT |
| in_file | fsl | mask_file |
| t2_guided | mapping | |

| | | |
|-----------------|--------------------|----------|
| IN | ROIgen_structspace | OUT |
| aparc_aseg_file | cmrk | roi_file |
| | mapping | |

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

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

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

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

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

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

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

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

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

| | | |
|-----------------|---------|----------|
| IN | ROIgen | OUT |
| aparc_aseg_file | cmrk | roi_file |
| | mapping | |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| | | |
|---------|-----------------------|----------|
| IN | mri_convert_AparcAseg | OUT |
| in_file | freesurfer | out_file |
| | mapping | |

| | | |
|---------|-------------------|----------|
| IN | mri_convert_Brain | OUT |
| in_file | freesurfer | out_file |
| | mapping | |

| | | |
|-----------|---------|-----------|
| IN | bet_b0 | OUT |
| in_file | fsl | mask_file |
| t2_guided | mapping | |

| | | |
|-----------------|--------------------|----------|
| IN | ROIgen_structspace | OUT |
| aparc_aseg_file | cmrk | roi_file |
| | mapping | |

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