

IN	inputnode	OUT
		flair
		roi
	utility	subject_id
		subjects_dir
		t1w
		t2w

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

IN	anat_validate	OUT
	images	
in_file		out_file

IN	brain_extraction_wf	OUT
		outputnode.bias_corrected
		outputnode.out_file
inputnode.in_files		outputnode.out_segm

IN		surface_recon_wf	OUT	
inputnode.ants_segs			outputnode.fsnative2t1w_xfm	
inputnode.corrected_t1			outputnode.out_aparc	
inputnode.flair			outputnode.out_aseg	
inputnode.skullstripped_t1			outputnode.out_brainmask	
inputnode.subject_id			outputnode.subject_id	
inputnode.subjects_dir			outputnode.subjects_dir	
inputnode.t1w			outputnode.surfaces	
inputnode.t2w			outputnode.t1w2fsnative_xfm	

IN	applyrefined	OUT
	in_file	fsl
	mask_file	out_file

IN	buffernode	OUT
	t1w_brain	utility
	t1w_mask	t1w_brain
		t1w_mask

IN	t1w_dseg	OUT
	fsl	probability_maps
	in_files	tissue_class_map

IN		anat_norm_wf	OUT	
inputnode.lesion_mask			outputnode.anat2std_xfm	
inputnode.moving_image			outputnode.std2anat_xfm	
inputnode.moving_mask			outputnode.template	
inputnode.moving_segmentation			poutputnode.anat2std_xfm	
inputnode.moving_tpms			poutputnode.standardized	
inputnode.moving_tpms			poutputnode.std2anat_xfm	
inputnode.orig_t1w			poutputnode.std_dseg	
			poutputnode.std_mask	
			poutputnode.std_tpms	
			poutputnode.template	

IN			OUT	
anat2std_xfm			fsnative2t1w_xfm	
fsnative2t1w_xfm				
std2anat_xfm			std_dseg	
std_dseg			std_mask	
std_mask			std_preproc	
std_preproc			std_tpms	
std_tpms				
subject_id		utility	surfaces	
subjects_dir				
surfaces			t1w2fsnative_xfm	
t1w2fsnative_xfm			t1w_dseg	
t1w_aparc			t1w_mask	
t1w_aseg			t1w_preproc	
t1w_brain			t1w_ref_xfms	
t1w_dseg				
t1w_mask			t1w_tpms	
t1w_preproc				
t1w_ref_xfms				
t1w_tpms				
template				

IN		anat_derivatives_wf		OUT
inputnode.anat2std_xfm				
inputnode.fsnative2t1w_xfm				
inputnode.source_files				
inputnode.std2anat_xfm				
inputnode.std_dseg				
inputnode.std_mask				
inputnode.std_t1w				
inputnode.std_tpms				
inputnode.surfaces				
inputnode.t1w2fsnative_xfm				
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				

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			