

WORKFLOW INPUT:  
input\_data

INPUT:		inputs_workflow	OUTPUT:	
input_data			inputLandmarksEMSP	
			inputVolume	


INPUT:		landmarkInitializer_workflow1	OUTPUT:	
inputMovingLandmarkFilename			outputTransformFilename	

INPUT:	roi_workflow1	OUTPUT:
inputVolume		outputVolume

INPUT:		resample_workflow1	OUTPUT:
outVolume			
pTransform			

INPUT:	roi_workflow2	OUTPUT:
inputVolume		outputROIMask Volume


INPUT:		landmarkInitializer_workflow2	OUTPUT:	
inputFixedLandmarkFilename			outputTransformFilename	


INPUT:		antsRegistration_workflow1	OUTPUT:	
fixed_image			composite_transform	
fixed_image_masks				
initial_moving_transform				


INPUT:		antsRegistration_workflow2	OUTPUT:
fixed_image			save_state
fixed_image_masks			
initial_moving_transform			


INPUT:		abc_workflow1	OUTPUT:	
inputT1			atlasToSubjectTransform	
inputVolumes			posteriors	
restoreState			t1_average	


INPUT:		roi_workflow3	OUTPUT:	
inputVolume			outputROIMaskVolume	

	INPUT:	resample_workflow5	OUTPUT:
	reference Volume		
	warpTransform		

	INPUT:	resample_workflow6	OUTPUT:
	referenceVolume		
	warpTransform		

	INPUT:	resample_workflow7	OUTPUT:
	referenceVolume		
	warpTransform		

	INPUT:	resample_workflow8	OUTPUT:
	referenceVolume		
	warpTransform		

	INPUT:	resample_workflow2	OUTPUT:
	referenceVolume		
	warpTransform		

INPUT:	resample_workflow3	OUTPUT:
referenceVolume		
warpTransform		

INPUT:	resample_workflow4	OUTPUT:
referenceVolume		
warpTransform		

INPUT:		createLabelMapFromProbabilityMaps_workflow1	OUTPUT:
inputProbabilityVolume			
nonAirRegionMask			

INPUT:		landmarkInitializer_workflow3	OUTPUT:	
inputFixedLandmarkFilename			atlas_id	
			outputTransformFilename	

INPUT:	antsRegistration_workflow3	OUTPUT:
atlas_id		inverse_composite_transform
fixed_image		
fixed_image_masks		
initial_moving_transform		

INPUT:		antsApplyTransforms_workflow1	OUTPUT:	
			reference_image	output_image
			transform	

	INPUT:	antsApplyTransforms_workflow2	OUTPUT:
	reference_image		output_image
	transform		

WORKFLOW OUTPUT:  
out1 out2