import_subj_t1

→ input

<input function>

output →

results/sub-{subject}/sub-{subject}_Tlw.nii.gz

affine_aladin

→ input

resources/tpl-{template}_res-01_Tlw.nii.gz
results/sub-{subject}/sub-{subject}_Tlw.nii.gz

output →

results/sub-{subject}/sub-{subject}_desc-affine_from-subject_to-{template}_type-ras_xfm.txt results/sub-{subject}/sub-{subject}_space-{template}_desc-affine_Tlw.nii.gz

convert_xfm_ras2itk

→ input

results/sub-{subject}/sub-{subject}_desc-{desc}_from-subject_to-{template}_type-ras_xfm.txt

output →

results/sub-{subject}/sub-{subject}_desc-{desc}_from-subject_to-{template}_type-itk_xfm.txt

warp_mask_from_template

→ input

resources/tpl-{template}_res-01_desc-brain_mask.nii.gz

results/sub-{subject}/sub-{subject}_Tlw.nii.gz

results/sub-{subject}/sub-{subject}_desc-{desc}_from-subject_to-{template}_type-itk_xfm.txt

output →

results/sub-{subject}/sub-{subject}_desc-brain_from-{template}_reg-{desc}_mask.nii.gz

n4biasfield

→ input

results/sub-{subject}/sub-{subject}_T1w.nii.gz

results/sub-{subject}/sub-{subject}_desc-brain_from-MNI152NLin6Asym_reg-affine_mask.nii.gz

output →

results/sub-{subject}/sub-{subject}_desc-n4_Tlw.nii.gz

ants_syn_affine_init

resources/tpl-{template}_res-01_Tlw.nii.gz

resources/tpl-{template}_res-01_desc-brain_mask.nii.gz

results/sub-{subject}/sub-{subject}_desc-affine_from-subject_to-{template}_type-itk_xfm.txt results/sub-{subject}/sub-{subject}_desc-brain_from-{template}_reg-affine_mask.nii.gz

results/sub-{subject}/sub-{subject}_desc-n4_Tlw.nii.gz

output →

results/sub-{subject}/sub-{subject}_from-subject_to-{template}__0GenericAffine.mat
results/sub-{subject}/sub-{subject}_space-{template}_desc-SyN_T1w.nii.gz

tissueseg_fsl

→ input

results/sub-{subject}/sub-{subject}_desc-n4_T1w.nii.gz

output →

results/sub-{subject}/sub-{subject}_desc-n4_T1w_fast.done

all

→ input

results/sub-P024/sub-P024_desc-n4_T1w_fast.done

 $results/sub-P024/sub-P024_space-MNI152NLin6Asym_desc-SyN_T1w.nii.gz$

results/sub-P025/sub-P025_desc-n4_T1w_fast.done

results/sub-P025/sub-P025_space-MNI152NLin6Asym_desc-SyN_T1w.nii.gz

results/sub-P028/sub-P028_desc-n4_T1w_fast.done

results/sub-P028/sub-P028_space-MNI152NLin6Asym_desc-SyN_T1w.nii.gz

 $results/sub-P029/sub-P029_desc-n4_T1w_fast.done$

results/sub-P029/sub-P029_space-MNI152NLin6Asym_desc-SyN_T1w.nii.gz

 $results/sub-P030/sub-P030_desc-n4_T1w_fast.done$

results/sub-P030/sub-P030_space-MNI152NLin6Asym_desc-SyN_T1w.nii.gz