CIT168 Amygdala Atlas v1.0.3

OSF Storage Information

Directory Organization

```
├── CIFTI
│   └── CIT168_AmyNuc.dlabel.nii
├── CIT168_700um
│   ├── CIT168_AmyLabels.txt
│   ├── CIT168_T1w_700um.nii.gz
│   ├── CIT168_T1w_head_700um.nii.gz
│   ├── CIT168_T2w_700um.nii.gz
│   ├── CIT168_T2w_head_700um.nii.gz
│   ├── CIT168_brain_mask_700um.nii.gz
│   ├── CIT168_iAmyNuc_700um.nii.gz
│   ├── CIT168_pAmyNuc_700um.nii.gz
│   └── MirrorWarp
│       ├── CIT168_T1w_700um.nii.gz
│       ├── CIT168_T1w_700um_mirror.nii.gz
│       ├── CIT168_T1w_700um_mirror_warp.nii.gz
│       ├── CIT168_T2w_700um.nii.gz
│       ├── CIT168_T2w_700um_mirror.nii.gz
│       ├── CIT168_T2w_700um_mirror_warp.nii.gz
│       ├── MirrorAffine.txt
│       ├── MirrorInverseWarp.nii.gz
│       └── MirrorWarp.nii.gz
├── CIT168toMIN152_2mm
│   ├── CIT168_2mm_MNI0InverseWarp.nii.gz
│   ├── CIT168_2mm_MNI0Warp.nii.gz
│   ├── CIT168_2mm_MNI_warped.nii.gz
│   └── prob_atlas.nii.gz
├── CIT168toMNI152_1mm
│   ├── CIT168_AmyLabels.txt
│   ├── CIT168_T1w_1mm_MNI.nii.gz
│   ├── CIT168_T2w_1mm_MNI.nii.gz
│   ├── CIT168_brain_mask_1mm_MNI.nii.gz
│   ├── CIT168_dBLA_1mm_MNI.nii.gz
│   ├── CIT168_dCEN_1mm_MNI.nii.gz
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|   ├── CIT168_iAmyNuc_1mm_MNI.nii.gz
|   ├── CIT168_pAmyNuc_1mm_MNI.nii.gz
|   ├── CIT168_pBLA_1mm_MNI.nii.gz
|   └── CIT168_pCEN_1mm_MNI.nii.gz
├── CIT168toMNI152_700um
|   ├── CIT168_AmyLabels.txt
|   ├── CIT168_T1w_700um_MNI.nii.gz
|   ├── CIT168_T2w_700um_MNI.nii.gz
|   ├── CIT168_brain_mask_700um_MNI.nii.gz
|   ├── CIT168_iAmyNuc_700um_MNI.nii.gz
|   └── CIT168_pAmyNuc_700um_MNI.nii.gz
├── LICENSE.txt
└── VERSION.txt
```

Contents

CIFTI CIFTI dlabel format version of the deterministic amygdala labels for use with Connectome Workbench and Workbench Command (**https://www.humanconnectome.org/software**).

CIT168_700um CIT168 700 um native space T1w and T2w templates, with and without (*_head*) skull stripping, a brain mask, deterministic (*_iAmyNuc*) and probabilistic (*_pAmyNuc*) labels and the ITK-SNAP format label key for the labeling.

CIT168_700um/Mirror_Warp Directory containing the affine and diffeomorphic transformations required to map the original and left-right mirrored versions of the T1w and T2w templates onto each other (for left hemisphere label mapping to the right hemisphere). The original, left-right mirrored and mirror-warped versions of both T1w and T2w templates are provided for reference.

CIT168toMNI152_* Directories containing diffeomorphic transformations of the CIT168 T1w and T2w templates, probabilistic (CIT168_p*) and deterministic labels (CIT168_d*) to the MNI152 space at isotropic resolutions of 700 um, 1 mm and 2 mm. The 1 mm isotropic MNI152 space atlas includes BLA and CEN combined labels and a brain mask.