

The following paragraphs describe the methods that were used on the different version(s) of the ICBM Template.

ICBM Template

The high definition structural brain template is the average of 27 T1 weighted MRI acquisitions from a single subject (from Montreal Neurological Institute database). The template is aligned within the stereotaxic space of the ICBM average template derived from that of Talairach and Tournoux (1988). Cortical gyri, subcortical structures and the cerebellum have been delineated from the structural brain template and assigned a unique label.

The 3-D set of labels can be imported and registered onto the structural MRI of any individual subject through a fully automatic implementation of diverse software assembled in the specific module of the [LONI Pipeline](#). The Pipeline is designed to be used in a connection with the LONI Pipeline Server. Please obtain an account for the Pipeline Server and connect to it before using this Pipeline. To request an account please go to: <http://resource.loni.usc.edu/collaboration/collaborator-application/>.

Additional information about this atlas is available at the following resources:

<http://dx.doi.org/10.1006/nimg.1995.1012>

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1088516/>

<http://www.ncbi.nlm.nih.gov/pubmed/11522763>

<http://www.ncbi.nlm.nih.gov/pubmed/17266101>