



HUMAN
Connectome
PROJECT for Early Psychosis

HCP Early Psychosis 1.0 Data Release:
Reference Manual

Appendix 2 – File Names and Directory Structure

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Section A: Unprocessed MR Data Directory Structure

Unprocessed data for each HCP Aging (HCA) subject is in the
<Packagename>/imagingcollection01/<SubjectID_01_MR>/unprocessed/ directory:

<SubjectID_01_MR>/ (e.g., HCA7226566_V1_MR/)

unprocessed/

JSON files (*.json) with the same name as corresponding NIFTI images contain scan level meta data pulled from the DICOM header.

Unprocessed data for exemplar subject 1001_01_MR has the following directory structure:

**1001_01_MR/unprocessed/
Diffusion/
T1w_MPR/
T2w_SPC/
rfMRI_REST1_AP/
rfMRI_REST1_PA/
rfMRI_REST2_AP/
rfMRI_REST2_PA/**

Diffusion Data

**1001_01_MR/unprocessed/Diffusion/
1001_01_MR_dMRI_dir98_AP.bval
1001_01_MR_dMRI_dir98_AP.bvec
1001_01_MR_dMRI_dir98_AP.json
1001_01_MR_dMRI_dir98_AP.nii.gz
1001_01_MR_dMRI_dir98_AP_SBRef.json
1001_01_MR_dMRI_dir98_AP_SBRef.nii.gz
1001_01_MR_dMRI_dir98_PA.bval
1001_01_MR_dMRI_dir98_PA.bvec
1001_01_MR_dMRI_dir98_PA.json
1001_01_MR_dMRI_dir98_PA.nii.gz
1001_01_MR_dMRI_dir98_PA_SBRef.json
1001_01_MR_dMRI_dir98_PA_SBRef.nii.gz
1001_01_MR_dMRI_dir99_AP.bval
1001_01_MR_dMRI_dir99_AP.bvec
1001_01_MR_dMRI_dir99_AP.json
1001_01_MR_dMRI_dir99_AP.nii.gz**



1001_01_MR_dMRI_dir99_AP_SBRef.json
 1001_01_MR_dMRI_dir99_AP_SBRef.nii.gz
 1001_01_MR_dMRI_dir99_PA.bval
 1001_01_MR_dMRI_dir99_PA.bvec
 1001_01_MR_dMRI_dir99_PA.json
 1001_01_MR_dMRI_dir99_PA.nii.gz
 1001_01_MR_dMRI_dir99_PA_SBRef.json
 1001_01_MR_dMRI_dir99_PA_SBRef.nii.gz

OTHER_FILES/

1001_01_MR_BIAS_32CH.json
 1001_01_MR_BIAS_32CH.nii.gz
 1001_01_MR_BIAS_BC.json
 1001_01_MR_BIAS_BC.nii.gz
 1001_01_MR_SpinEchoFieldMap1_AP.json
 1001_01_MR_SpinEchoFieldMap1_AP.nii.gz
 1001_01_MR_SpinEchoFieldMap1_PA.json
 1001_01_MR_SpinEchoFieldMap1_PA.nii.gz
 1001_01_MR_SpinEchoFieldMap2_AP.json
 1001_01_MR_SpinEchoFieldMap2_AP.nii.gz
 1001_01_MR_SpinEchoFieldMap2_PA.json
 1001_01_MR_SpinEchoFieldMap2_PA.nii.gz

Structural Data

1001_01_MR/unprocessed/T1w_MPR/

1001_01_MR_T1w_MPR.json
 1001_01_MR_T1w_MPR.nii.gz

MPRAGE without pre-scan
 Normalize

OTHER_FILES/

1001_01_MR_BIAS_32CH.json
 1001_01_MR_BIAS_32CH.nii.gz
 1001_01_MR_BIAS_BC.json
 1001_01_MR_BIAS_BC.nii.gz
 1001_01_MR_SpinEchoFieldMap1_AP.json
 1001_01_MR_SpinEchoFieldMap1_AP.nii.gz
 1001_01_MR_SpinEchoFieldMap1_PA.json
 1001_01_MR_SpinEchoFieldMap1_PA.nii.gz
 1001_01_MR_T1w_MPR_Norm.json
 1001_01_MR_T1w_MPR_Norm.nii.gz
 session_report.csv

MPRAGE with pre-scan
 Normalize on

Summary report of all scans for the subject (shim group, phase encoding direction, completeness).



1001_01_MR/unprocessed/T2w_SPC/

1001_01_MR_T2w_SPC.json
1001_01_MR_T2w_SPC.nii.gz

T2w SPACE without
pre-scan Normalize

OTHER_FILES/

1001_01_MR_BIAS_32CH.json
1001_01_MR_BIAS_32CH.nii.gz
1001_01_MR_BIAS_BC.json
1001_01_MR_BIAS_BC.nii.gz
1001_01_MR_SpinEchoFieldMap1_AP.json
1001_01_MR_SpinEchoFieldMap1_AP.nii.gz
1001_01_MR_SpinEchoFieldMap1_PA.json
1001_01_MR_SpinEchoFieldMap1_PA.nii.gz
1001_01_MR_T2w_SPC_Norm.json
1001_01_MR_T2w_SPC_Norm.nii.gz

T2w scan with pre-
scan Normalize on

Resting State rfMRI Data

1001_01_MR/unprocessed/rfMRI_REST1_AP/

1001_01_MR_rfMRI_REST1_AP_InitialFrames.nii.gz
1001_01_MR_rfMRI_REST1_AP.json
1001_01_MR_rfMRI_REST1_AP.nii.gz
1001_01_MR_rfMRI_REST1_AP_SBRef.json
1001_01_MR_rfMRI_REST1_AP_SBRef.nii.gz
1001_01_MR_SpinEchoFieldMap1_AP.json
1001_01_MR_SpinEchoFieldMap1_AP.nii.gz
1001_01_MR_SpinEchoFieldMap1_PA.json
1001_01_MR_SpinEchoFieldMap1_PA.nii.gz

OTHER_FILES/

1001_01_MR_BIAS_32CH.json
1001_01_MR_BIAS_32CH.nii.gz
1001_01_MR_BIAS_BC.json
1001_01_MR_BIAS_BC.nii.gz

1001_01_MR/unprocessed/rfMRI_REST1_PA/

1001_01_MR_rfMRI_REST1_PA_InitialFrames.nii.gz
1001_01_MR_rfMRI_REST1_PA.json
1001_01_MR_rfMRI_REST1_PA.nii.gz
1001_01_MR_rfMRI_REST1_PA_SBRef.json
1001_01_MR_rfMRI_REST1_PA_SBRef.nii.gz
1001_01_MR_SpinEchoFieldMap1_AP.json
1001_01_MR_SpinEchoFieldMap1_AP.nii.gz
1001_01_MR_SpinEchoFieldMap1_PA.json
1001_01_MR_SpinEchoFieldMap1_PA.nii.gz

OTHER_FILES/

1001_01_MR_BIAS_32CH.json
1001_01_MR_BIAS_32CH.nii.gz
1001_01_MR_BIAS_BC.json
1001_01_MR_BIAS_BC.nii.gz



1001_01_MR/unprocessed/rfMRI_REST2_AP/

1001_01_MR_rfMRI_REST2_AP_InitialFrames.nii.gz
1001_01_MR_rfMRI_REST2_AP.json
1001_01_MR_rfMRI_REST2_AP.nii.gz
1001_01_MR_rfMRI_REST2_AP_SBRef.json
1001_01_MR_rfMRI_REST2_AP_SBRef.nii.gz
1001_01_MR_SpinEchoFieldMap2_AP.json
1001_01_MR_SpinEchoFieldMap2_AP.nii.gz
1001_01_MR_SpinEchoFieldMap2_PA.json
1001_01_MR_SpinEchoFieldMap2_PA.nii.gz

OTHER_FILES/

1001_01_MR_BIAS_32CH.json
1001_01_MR_BIAS_32CH.nii.gz
1001_01_MR_BIAS_BC.json
1001_01_MR_BIAS_BC.nii.gz

1001_01_MR/unprocessed/rfMRI_REST2_PA/

1001_01_MR_rfMRI_REST2_PA_InitialFrames.nii.gz
1001_01_MR_rfMRI_REST2_PA.json
1001_01_MR_rfMRI_REST2_PA.nii.gz
1001_01_MR_rfMRI_REST2_PA_SBRef.json
1001_01_MR_rfMRI_REST2_PA_SBRef.nii.gz
1001_01_MR_SpinEchoFieldMap2_AP.json
1001_01_MR_SpinEchoFieldMap2_AP.nii.gz
1001_01_MR_SpinEchoFieldMap2_PA.json
1001_01_MR_SpinEchoFieldMap2_PA.nii.gz

OTHER_FILES/

1001_01_MR_BIAS_32CH.json
1001_01_MR_BIAS_32CH.nii.gz
1001_01_MR_BIAS_BC.json
1001_01_MR_BIAS_BC.nii.gz



Section B: Preprocessed Structural MR Data Directory Structure

For the HCP-EP 1.0 Release, minimally preprocessed structural MR data is available on a subset of subjects in the

<Packagename>/fmriresults01/<SubjectID_01_MR>/ directory.

Note: The structural preprocessing for the HCP-EP 1.0 Release does not include MSMAll registration, as processed functional data required for MSMAll is not yet available.

As in the HCP-YA data, the high level <SubjectID_01_MR> directory (e.g., **1001_01_MR/**, as exemplified here) includes these subdirectories and contents produced by the HCP structural pipeline:

1001_01_MR/MNINonLinear/

1001_01_MR.164k_fs_LR.wb.spec	.spec file for loading 164k surfaces and maps into wb_view
1001_01_MR.aparc.164k_fs_LR.dlabel.nii	
1001_01_MR.aparc.a2009s.164k_fs_LR.dlabel.nii	
1001_01_MR.ArealDistortion_FS.164k_fs_LR.dscalar.nii	
1001_01_MR.ArealDistortion_MSMSulc.164k_fs_LR.dscalar.nii	
1001_01_MR.corrThickness.164k_fs_LR.dscalar.nii	
1001_01_MR.curvature.164k_fs_LR.dscalar.nii	
1001_01_MR.EdgeDistortion_FS.164k_fs_LR.dscalar.nii	
1001_01_MR.EdgeDistortion_MSMSulc.164k_fs_LR.dscalar.nii	
1001_01_MR.L.aparc.164k_fs_LR.label.gii	
1001_01_MR.L.aparc.a2009s.164k_fs_LR.label.gii	
1001_01_MR.L.ArealDistortion_FS.164k_fs_LR.shape.gii	
1001_01_MR.L.ArealDistortion_MSMSulc.164k_fs_LR.shape.gii	
1001_01_MR.L.atlasroi.164k_fs_LR.shape.gii	
1001_01_MR.L.corrThickness.164k_fs_LR.shape.gii	
1001_01_MR.L.curvature.164k_fs_LR.shape.gii	
1001_01_MR.L.EdgeDistortion_FS.164k_fs_LR.shape.gii	
1001_01_MR.L.EdgeDistortion_MSMSulc.164k_fs_LR.shape.gii	
1001_01_MR.L.flat.164k_fs_LR.surf.gii	
1001_01_MR.L.inflated.164k_fs_LR.surf.gii	
1001_01_MR.L.midthickness.164k_fs_LR.surf.gii	
1001_01_MR.L.MyelinMap.164k_fs_LR.func.gii	
1001_01_MR.L.MyelinMap_BC.164k_fs_LR.func.gii	
1001_01_MR.L.pial.164k_fs_LR.surf.gii	
1001_01_MR.L.RefMyelinMap.164k_fs_LR.func.gii	
1001_01_MR.L.refsulc.164k_fs_LR.shape.gii	
1001_01_MR.L.SmoothedMyelinMap.164k_fs_LR.func.gii	



1001_01_MR.L.SmoothedMyelinMap_BC.164k_fs_LR.func.gii
1001_01_MR.L.sphere.164k_fs_LR.surf.gii
1001_01_MR.L.StrainJ_FS.164k_fs_LR.shape.gii
1001_01_MR.L.StrainJ_MSMSulc.164k_fs_LR.shape.gii
1001_01_MR.L.StrainR_FS.164k_fs_LR.shape.gii
1001_01_MR.L.StrainR_MSMSulc.164k_fs_LR.shape.gii
1001_01_MR.L.sulc.164k_fs_LR.shape.gii
1001_01_MR.L.thickness.164k_fs_LR.shape.gii
1001_01_MR.L.very_inflated.164k_fs_LR.surf.gii
1001_01_MR.L.white.164k_fs_LR.surf.gii
1001_01_MR.MyelinMap.164k_fs_LR.dscalar.nii
1001_01_MR.MyelinMap_BC.164k_fs_LR.dscalar.nii
1001_01_MR.R.aparc.164k_fs_LR.label.gii
1001_01_MR.R.aparc.a2009s.164k_fs_LR.label.gii
1001_01_MR.R.ArealDistortion_FS.164k_fs_LR.shape.gii
1001_01_MR.R.ArealDistortion_MSMSulc.164k_fs_LR.shape.gii
1001_01_MR.R.atlasroi.164k_fs_LR.shape.gii
1001_01_MR.R.corrThickness.164k_fs_LR.shape.gii
1001_01_MR.R.curvature.164k_fs_LR.shape.gii
1001_01_MR.R.EdgeDistortion_FS.164k_fs_LR.shape.gii
1001_01_MR.R.EdgeDistortion_MSMSulc.164k_fs_LR.shape.gii
1001_01_MR.R.flat.164k_fs_LR.surf.gii
1001_01_MR.R.inflated.164k_fs_LR.surf.gii
1001_01_MR.R.midthickness.164k_fs_LR.surf.gii
1001_01_MR.R.MyelinMap.164k_fs_LR.func.gii
1001_01_MR.R.MyelinMap_BC.164k_fs_LR.func.gii
1001_01_MR.R.pial.164k_fs_LR.surf.gii
1001_01_MR.R.RefMyelinMap.164k_fs_LR.func.gii
1001_01_MR.R.refsulc.164k_fs_LR.shape.gii
1001_01_MR.R.SmoothedMyelinMap.164k_fs_LR.func.gii
1001_01_MR.R.SmoothedMyelinMap_BC.164k_fs_LR.func.gii
1001_01_MR.R.sphere.164k_fs_LR.surf.gii
1001_01_MR.R.StrainJ_FS.164k_fs_LR.shape.gii
1001_01_MR.R.StrainJ_MSMSulc.164k_fs_LR.shape.gii
1001_01_MR.R.StrainR_FS.164k_fs_LR.shape.gii
1001_01_MR.R.StrainR_MSMSulc.164k_fs_LR.shape.gii
1001_01_MR.R.sulc.164k_fs_LR.shape.gii
1001_01_MR.R.thickness.164k_fs_LR.shape.gii
1001_01_MR.R.very_inflated.164k_fs_LR.surf.gii
1001_01_MR.R.white.164k_fs_LR.surf.gii
1001_01_MR.SmoothedMyelinMap.164k_fs_LR.dscalar.nii
1001_01_MR.SmoothedMyelinMap_BC.164k_fs_LR.dscalar.nii
1001_01_MR.StrainJ_FS.164k_fs_LR.dscalar.nii



1001_01_MR.StrainJ_MSMSulc.164k_fs_LR.dscalar.nii
1001_01_MR.StrainR_FS.164k_fs_LR.dscalar.nii
1001_01_MR.StrainR_MSMSulc.164k_fs_LR.dscalar.nii
1001_01_MR.sulc.164k_fs_LR.dscalar.nii
1001_01_MR.thickness.164k_fs_LR.dscalar.nii
aparc.a2009s+aseg.nii.gz
aparc+aseg.nii.gz
BiasField.nii.gz
brainmask_fs.nii.gz
ribbon.nii.gz
T1w.nii.gz
T1w_restore.2.nii.gz
T1w_restore_brain.nii.gz
T1w_restore.nii.gz
T2w.nii.gz
T2w_restore.2.nii.gz
T2w_restore_brain.nii.gz
T2w_restore.nii.gz
wmparc.nii.gz

1001_01_MR/MNINonLinear/fsaverage_LR32k/

1001_01_MR.32k_fs_LR.wb.spec

.spec file for loading 32k surfaces and maps into wb view

1001_01_MR.aparc.32k_fs_LR.dlabel.nii
1001_01_MR.aparc.a2009s.32k_fs_LR.dlabel.nii
1001_01_MR.ArealDistortion_FS.32k_fs_LR.dscalar.nii
1001_01_MR.ArealDistortion_MSMSulc.32k_fs_LR.dscalar.nii
1001_01_MR.corrThickness.32k_fs_LR.dscalar.nii
1001_01_MR.curvature.32k_fs_LR.dscalar.nii
1001_01_MR.EdgeDistortion_FS.32k_fs_LR.dscalar.nii
1001_01_MR.EdgeDistortion_MSMSulc.32k_fs_LR.dscalar.nii
1001_01_MR.L.aparc.32k_fs_LR.label.gii
1001_01_MR.L.aparc.a2009s.32k_fs_LR.label.gii
1001_01_MR.L.ArealDistortion_FS.32k_fs_LR.shape.gii
1001_01_MR.L.ArealDistortion_MSMSulc.32k_fs_LR.shape.gii
1001_01_MR.L.atlasroi.32k_fs_LR.shape.gii
1001_01_MR.L.corrThickness.32k_fs_LR.shape.gii
1001_01_MR.L.curvature.32k_fs_LR.shape.gii
1001_01_MR.L.EdgeDistortion_FS.32k_fs_LR.shape.gii
1001_01_MR.L.EdgeDistortion_MSMSulc.32k_fs_LR.shape.gii
1001_01_MR.L.flat.32k_fs_LR.surf.gii
1001_01_MR.L.inflated.32k_fs_LR.surf.gii
1001_01_MR.L.midthickness.32k_fs_LR.surf.gii
1001_01_MR.L.MyelinMap.32k_fs_LR.func.gii



1001_01_MR.L.MyelinMap_BC.32k_fs_LR.func.gii
1001_01_MR.L.pial.32k_fs_LR.surf.gii
1001_01_MR.L.SmoothedMyelinMap.32k_fs_LR.func.gii
1001_01_MR.L.SmoothedMyelinMap_BC.32k_fs_LR.func.gii
1001_01_MR.L.sphere.32k_fs_LR.surf.gii
1001_01_MR.L.StrainJ_FS.32k_fs_LR.shape.gii
1001_01_MR.L.StrainJ_MSMSulc.32k_fs_LR.shape.gii
1001_01_MR.L.StrainR_FS.32k_fs_LR.shape.gii
1001_01_MR.L.StrainR_MSMSulc.32k_fs_LR.shape.gii
1001_01_MR.L.sulc.32k_fs_LR.shape.gii
1001_01_MR.L.thickness.32k_fs_LR.shape.gii
1001_01_MR.L.very_inflated.32k_fs_LR.surf.gii
1001_01_MR.L.white.32k_fs_LR.surf.gii
1001_01_MR.MyelinMap.32k_fs_LR.dscalar.nii
1001_01_MR.MyelinMap_BC.32k_fs_LR.dscalar.nii
1001_01_MR.R.aparc.32k_fs_LR.label.gii
1001_01_MR.R.aparc.a2009s.32k_fs_LR.label.gii
1001_01_MR.R.ArealDistortion_FS.32k_fs_LR.shape.gii
1001_01_MR.R.ArealDistortion_MSMSulc.32k_fs_LR.shape.gii
1001_01_MR.R.atlasroi.32k_fs_LR.shape.gii
1001_01_MR.R.corrThickness.32k_fs_LR.shape.gii
1001_01_MR.R.curvature.32k_fs_LR.shape.gii
1001_01_MR.R.EdgeDistortion_FS.32k_fs_LR.shape.gii
1001_01_MR.R.EdgeDistortion_MSMSulc.32k_fs_LR.shape.gii
1001_01_MR.R.flat.32k_fs_LR.surf.gii
1001_01_MR.R.inflated.32k_fs_LR.surf.gii
1001_01_MR.R.midthickness.32k_fs_LR.surf.gii
1001_01_MR.R.MyelinMap.32k_fs_LR.func.gii
1001_01_MR.R.MyelinMap_BC.32k_fs_LR.func.gii
1001_01_MR.R.pial.32k_fs_LR.surf.gii
1001_01_MR.R.SmoothedMyelinMap.32k_fs_LR.func.gii
1001_01_MR.R.SmoothedMyelinMap_BC.32k_fs_LR.func.gii
1001_01_MR.R.sphere.32k_fs_LR.surf.gii
1001_01_MR.R.StrainJ_FS.32k_fs_LR.shape.gii
1001_01_MR.R.StrainJ_MSMSulc.32k_fs_LR.shape.gii
1001_01_MR.R.StrainR_FS.32k_fs_LR.shape.gii
1001_01_MR.R.StrainR_MSMSulc.32k_fs_LR.shape.gii
1001_01_MR.R.sulc.32k_fs_LR.shape.gii
1001_01_MR.R.thickness.32k_fs_LR.shape.gii
1001_01_MR.R.very_inflated.32k_fs_LR.surf.gii
1001_01_MR.R.white.32k_fs_LR.surf.gii
1001_01_MR.SmoothedMyelinMap.32k_fs_LR.dscalar.nii
1001_01_MR.SmoothedMyelinMap_BC.32k_fs_LR.dscalar.nii



1001_01_MR.StrainJ_FS.32k_fs_LR.dscalar.nii
1001_01_MR.StrainJ_MSMSulc.32k_fs_LR.dscalar.nii
1001_01_MR.StrainR_FS.32k_fs_LR.dscalar.nii
1001_01_MR.StrainR_MSMSulc.32k_fs_LR.dscalar.nii
1001_01_MR.sulc.32k_fs_LR.dscalar.nii
1001_01_MR.thickness.32k_fs_LR.dscalar.nii

1001_01_MR/MNINonLinear/Native/

Native/1001_01_MR.aparc.a2009s.native.dlabel.nii
1001_01_MR.aparc.native.dlabel.nii
1001_01_MR.ArealDistortion_FS.native.dscalar.nii
1001_01_MR.ArealDistortion_MSMSulc.native.dscalar.nii
1001_01_MR.corrThickness.native.dscalar.nii
1001_01_MR.curvature.native.dscalar.nii
1001_01_MR.EdgeDistortion_FS.native.dscalar.nii
1001_01_MR.EdgeDistortion_MSMSulc.native.dscalar.nii
1001_01_MR.L.aparc.a2009s.native.label.gii
1001_01_MR.L.aparc.native.label.gii
1001_01_MR.L.ArealDistortion_FS.native.shape.gii
1001_01_MR.L.ArealDistortion_MSMSulc.native.shape.gii
1001_01_MR.L.atlasroi.native.shape.gii
1001_01_MR.L.BiasField.native.func.gii
1001_01_MR.L.corrThickness.native.shape.gii
1001_01_MR.L.curvature.native.shape.gii
1001_01_MR.L.EdgeDistortion_FS.native.shape.gii
1001_01_MR.L.EdgeDistortion_MSMSulc.native.shape.gii
1001_01_MR.L.inflated.native.surf.gii
1001_01_MR.L.midthickness.native.surf.gii
1001_01_MR.L.MyelinMap_BC.native.func.gii
1001_01_MR.L.MyelinMap.native.func.gii
1001_01_MR.L.pial.native.surf.gii
1001_01_MR.L.RefMyelinMap.native.func.gii
1001_01_MR.L.roi.native.shape.gii
1001_01_MR.L.SmoothedMyelinMap_BC.native.func.gii
1001_01_MR.L.SmoothedMyelinMap.native.func.gii
1001_01_MR.L.sphere.MSMSulc.native.surf.gii
1001_01_MR.L.sphere.native.surf.gii
1001_01_MR.L.sphere.reg.native.surf.gii
1001_01_MR.L.sphere.reg.reg_LR.native.surf.gii
1001_01_MR.L.sphere.rot.native.surf.gii
1001_01_MR.L.StrainJ_FS.native.shape.gii
1001_01_MR.L.StrainJ_MSMSulc.native.shape.gii
1001_01_MR.L.StrainR_FS.native.shape.gii



1001_01_MR.L.StrainR_MSMSulc.native.shape.gii
1001_01_MR.L.sulc.native.shape.gii
1001_01_MR.L.thickness.native.shape.gii
1001_01_MR.L.very_inflated.native.surf.gii
1001_01_MR.L.white.native.surf.gii
1001_01_MR.MyelinMap_BC.native.dscalar.nii
1001_01_MR.MyelinMap.native.dscalar.nii
1001_01_MR.native.wb.spec
1001_01_MR.R.aparc.a2009s.native.label.gii
1001_01_MR.R.aparc.native.label.gii
1001_01_MR.R.ArealDistortion_FS.native.shape.gii
1001_01_MR.R.ArealDistortion_MSMSulc.native.shape.gii
1001_01_MR.R.atlasroi.native.shape.gii
1001_01_MR.R.BiasField.native.func.gii
1001_01_MR.R.corrThickness.native.shape.gii
1001_01_MR.R.curvature.native.shape.gii
1001_01_MR.R.EdgeDistortion_FS.native.shape.gii
1001_01_MR.R.EdgeDistortion_MSMSulc.native.shape.gii
1001_01_MR.R.inflated.native.surf.gii
1001_01_MR.R.midthickness.native.surf.gii
1001_01_MR.R.MyelinMap_BC.native.func.gii
1001_01_MR.R.MyelinMap.native.func.gii
1001_01_MR.R.pial.native.surf.gii
1001_01_MR.R.RefMyelinMap.native.func.gii
1001_01_MR.R.roi.native.shape.gii
1001_01_MR.R.SmoothedMyelinMap_BC.native.func.gii
1001_01_MR.R.SmoothedMyelinMap.native.func.gii
1001_01_MR.R.sphere_MSMSulc.native.surf.gii
1001_01_MR.R.sphere.native.surf.gii
1001_01_MR.R.sphere.reg.native.surf.gii
1001_01_MR.R.sphere.reg.reg_LR.native.surf.gii
1001_01_MR.R.sphere.rot.native.surf.gii
1001_01_MR.R.StrainJ_FS.native.shape.gii
1001_01_MR.R.StrainJ_MSMSulc.native.shape.gii
1001_01_MR.R.StrainR_FS.native.shape.gii
1001_01_MR.R.StrainR_MSMSulc.native.shape.gii
1001_01_MR.R.sulc.native.shape.gii
1001_01_MR.R.thickness.native.shape.gii
1001_01_MR.R.very_inflated.native.surf.gii
1001_01_MR.R.white.native.surf.gii
1001_01_MR.SmoothedMyelinMap_BC.native.dscalar.nii
1001_01_MR.SmoothedMyelinMap.native.dscalar.nii
1001_01_MR.StrainJ_FS.native.dscalar.nii



1001_01_MR.StrainJ_MSMSulc.native.dscalar.nii
1001_01_MR.StrainR_FS.native.dscalar.nii
1001_01_MR.StrainR_MSMSulc.native.dscalar.nii
1001_01_MR.sulc.native.dscalar.nii
1001_01_MR.thickness.native.dscalar.nii

1001_01_MR/MNINonLinear/ROIs/

Atlas_ROIs.2.nii.gz
Atlas_wmparc.2.nii.gz
ROIs.2.nii.gz
wmparc.2.nii.gz

1001_01_MR/MNINonLinear/xfms/

acpc2MNILinear.mat
acpc_dc2standard.nii.gz
NonlinearRegJacobians.nii.gz
standard2acpc_dc.nii.gz

1001_01_MR/T1w/

aparc.a2009s+aseg.nii.gz
aparc+aseg.nii.gz
BiasField_acpc_dc.nii.gz
brainmask_fs.nii.gz
ribbon.nii.gz
T1w_acpc_dc.nii.gz
T1w_acpc_dc_restore_brain.nii.gz
T1w_acpc_dc_restore.nii.gz
T1wDividedByT2w.nii.gz
T1wDividedByT2w_ribbon.nii.gz
T2w_acpc_dc.nii.gz
T2w_acpc_dc_restore_brain.nii.gz
T2w_acpc_dc_restore.nii.gz
wmparc.nii.gz
xfms/acpc.mat

1001_01_MR/T1w/1001_01_MR/stats/

aseg.stats
lh.aparc.a2009s.stats
lh.aparc.DKTatlas.stats
lh.aparc.pial.stats
lh.aparc.stats
lh.BA_exvivo.stats
lh.BA_exvivo.thresh.stats



lh.curv.stats
lh.w-g.pct.stats
rh.aparc.a2009s.stats
rh.aparc.DKTatlas.stats
rh.aparc.pial.stats
rh.aparc.stats
rh.BA_exvivo.stats
rh.BA_exvivo.thresh.stats
rh.curv.stats
rh.w-g.pct.stats
wmparc.stats

1001_01_MR/T1w/fsaverage_LR32k/

1001_01_MR.32k_fs_LR.wb.spec
1001_01_MR.L.inflated.32k_fs_LR.surf.gii
1001_01_MR.L.midthickness.32k_fs_LR.surf.gii
1001_01_MR.L.midthickness_va.32k_fs_LR.shape.gii
1001_01_MR.L.pial.32k_fs_LR.surf.gii
1001_01_MR.L.very_inflated.32k_fs_LR.surf.gii
1001_01_MR.L.white.32k_fs_LR.surf.gii
1001_01_MR.midthickness_va.32k_fs_LR.dscalar.nii
1001_01_MR.midthickness_va_norm.32k_fs_LR.dscalar.nii
1001_01_MR.R.inflated.32k_fs_LR.surf.gii
1001_01_MR.R.midthickness.32k_fs_LR.surf.gii
1001_01_MR.R.midthickness_va.32k_fs_LR.shape.gii
1001_01_MR.R.pial.32k_fs_LR.surf.gii
1001_01_MR.R.very_inflated.32k_fs_LR.surf.gii
1001_01_MR.R.white.32k_fs_LR.surf.gii

1001_01_MR/T1w/Native/

1001_01_MR.L.inflated.native.surf.gii
1001_01_MR.L.midthickness.native.surf.gii
1001_01_MR.L.pial.native.surf.gii
1001_01_MR.L.very_inflated.native.surf.gii
1001_01_MR.L.white.native.surf.gii
1001_01_MR.native.wb.spec
1001_01_MR.R.inflated.native.surf.gii
1001_01_MR.R.midthickness.native.surf.gii
1001_01_MR.R.pial.native.surf.gii
1001_01_MR.R.very_inflated.native.surf.gii
1001_01_MR.R.white.native.surf.gii



1001_01_MR/ProcessingInfo/

1001_01_MR.StructuralPreprocessing.PROCESS_DATA_job.sh.e7027592
1001_01_MR.StructuralPreprocessing.PROCESS_DATA_job.sh.o7027592
QuNex/processing/logs/comlogs/done_hcp1_1001_01_MR_2019-10-03_12.17.1570123043.log
QuNex/processing/logs/comlogs/done_hcp2_1001_01_MR_2019-10-03_15.02.1570132975.log
QuNex/processing/logs/comlogs/done_hcp3_1001_01_MR_2019-10-04_16.07.1570223270.log
QuNex/processing/logs/comlogs/done_mapIO_toHCPLS_2019-10-05_00.00.1570251615.log
QuNex/processing/logs/comlogs/done_setupHCP_1001_01_MR_2019-10-03.12.17.14.935288.log
QuNex/processing/logs/runlogs/Log-hcp1-2019-10-03_12.17.1570123043.log
QuNex/processing/logs/runlogs/Log-hcp2-2019-10-03_15.02.1570132975.log
QuNex/processing/logs/runlogs/Log-hcp3-2019-10-04_16.07.1570223270.log

1001_01_MR/T1w/1001_01_MR/label/

Structural_extended intermediate FreeSurfer outputs.

aparc.annot.a2009s.ctab
aparc.annot.ctab
aparc.annot.DKTatlas.ctab
BA_exvivo.ctab
BA_exvivo.thresh.ctab
lh.aparc.a2009s.annot
lh.aparc.annot
lh.aparc.DKTatlas.annot
lh.BA1_exvivo.label
lh.BA1_exvivo.thresh.label
lh.BA2_exvivo.label
lh.BA2_exvivo.thresh.label
lh.BA3a_exvivo.label
lh.BA3a_exvivo.thresh.label
lh.BA3b_exvivo.label
lh.BA3b_exvivo.thresh.label
lh.BA44_exvivo.label
lh.BA44_exvivo.thresh.label
lh.BA45_exvivo.label
lh.BA45_exvivo.thresh.label
lh.BA4a_exvivo.label
lh.BA4a_exvivo.thresh.label
lh.BA4p_exvivo.label
lh.BA4p_exvivo.thresh.label
lh.BA6_exvivo.label
lh.BA6_exvivo.thresh.label
lh.BA_exvivo.annot
lh.BA_exvivo.thresh.annot
lh.cortex.label



lh.entorhinal_exvivo.label
lh.entorhinal_exvivo.thresh.label
lh.MT_exvivo.label
lh.MT_exvivo.thresh.label
lh.perirhinal_exvivo.label
lh.perirhinal_exvivo.thresh.label
lh.V1_exvivo.label
lh.V1_exvivo.thresh.label
lh.V2_exvivo.label
lh.V2_exvivo.thresh.label
rh.aparc.a2009s.annot
rh.aparc.annot
rh.aparc.DKTatlas.annot
rh.BA1_exvivo.label
rh.BA1_exvivo.thresh.label
rh.BA2_exvivo.label
rh.BA2_exvivo.thresh.label
rh.BA3a_exvivo.label
rh.BA3a_exvivo.thresh.label
rh.BA3b_exvivo.label
rh.BA3b_exvivo.thresh.label
rh.BA44_exvivo.label
rh.BA44_exvivo.thresh.label
rh.BA45_exvivo.label
rh.BA45_exvivo.thresh.label
rh.BA4a_exvivo.label
rh.BA4a_exvivo.thresh.label
rh.BA4p_exvivo.label
rh.BA4p_exvivo.thresh.label
rh.BA6_exvivo.label
rh.BA6_exvivo.thresh.label
rh.BA_exvivo.annot
rh.BA_exvivo.thresh.annot
rh.cortex.label
rh.entorhinal_exvivo.label
rh.entorhinal_exvivo.thresh.label
rh.MT_exvivo.label
rh.MT_exvivo.thresh.label
rh.perirhinal_exvivo.label
rh.perirhinal_exvivo.thresh.label
rh.V1_exvivo.label
rh.V1_exvivo.thresh.label
rh.V2_exvivo.label
rh.V2_exvivo.thresh.label

1001_01_MR/T1w/1001_01_MR/mri/

aparc.a2009s+aseg.mgz
aparc+aseg.mgz
aparc.DKTatlas+aseg.mgz



aseg.auto.mgz
aseg.auto_noCCseg.label_intensities.txt
aseg.auto_noCCseg.mgz
aseg.mgz
aseg.presurf.hypos.mgz
aseg.presurf.mgz
brain.finalsurfs.mgz
brainmask.auto.mgz
brainmask.mgz
brain.mgz
conf.T2.mgz
c_ras.mat
ctrl_pts.mgz
extern.emreg.mask.mgz
filled.mgz
lh.ribbon.mgz
mri_nu_correct.mni.log.bak
mri_nu_correct.mni.log
norm.mgz
nu.mgz
orig/001.mgz
orig.mgz
orig_nu.mgz
orig/T2raw.mgz
Q.lta~
rawavg.aseg.presurf.mgz
rawavg.brain.finalsurfs.conf.mgz
rawavg.brain.finalsurfs.mgz
rawavg.brain.fs.mgz
rawavg.cmdc0.mgz
rawavg.cmdc.mgz
rawavg.filled.mgz
rawavg.mgz
rawavg.norm.mgz
rawavg.T2.mgz
rawavg.T2.norm.mgz
rawavg.T2.prenorm.mgz
rawavg.wm.mgz
rh.ribbon.mgz
ribbon.mgz
segment.dat
T1.mgz
T1w_hires.nii.gz
T1wMulT2w_hires.nii.gz
T2.mgz
T2w_hires.nii.gz
talairach.label_intensities.txt
talairach.log
talairach_with_externmask.log



transforms/cc_up.lta
transforms/conf2rawavg.dat
transforms/conf2rawavg.lta
transforms/eye.dat
transforms/orig2rawavg.dat
transforms/orig-to-rawavg.lta
transforms/rawavg2conf.dat
transforms/rawavg2conf.lta
transforms/T2raw.auto.dat.log
transforms/T2raw.auto.dat.mincost
transforms/T2raw.auto.dat
transforms/T2raw.auto.dat~
transforms/T2raw.auto.dat.param
transforms/T2raw.auto.dat.sum
transforms/T2raw.auto.lta
transforms/T2raw.lta
transforms/T2raw.rawavg.lta
transforms/T2wtoT1w.mat
transforms/talairach.auto.xfm.lta
transforms/talairach.auto.xfm
transforms/talairach_avi.log
transforms/talairach_avi_QA.log
transforms/talairach.lta
transforms/talairach.m3z
transforms/talairach_with_externmask.lta
transforms/talairach.xfm
transforms/talsrcimg_to_711-2C_as_mni_average_305_t4_vox2vox.txt
wm.asegedit.mgz
wm.mgz
wmparc.mgz
wm.seg.mgz

1001_01_MR/T1w/1001_01_MR/scripts/

build-stamp.txt
conf2hires.log
DoConf2Hires
lastcall.build-stamp.txt
patchdir.txt
pctsurfcon.log
pctsurfcon.log.old
ponsc.ccut.log
recon-all.cmd
recon-all.done
recon-all.env
recon-all.local-copy
recon-all.log
recon-all-status.log



1001_01_MR/T1w/1001_01_MR/stats/

aseg.stats
lh.aparc.a2009s.stats
lh.aparc.DKTatlas.stats
lh.aparc.pial.stats
lh.aparc.stats
lh.BA_exvivo.stats
lh.BA_exvivo.thresh.stats
lh.curv.stats
lh.w-g.pct.stats
rh.aparc.a2009s.stats
rh.aparc.DKTatlas.stats
rh.aparc.pial.stats
rh.aparc.stats
rh.BA_exvivo.stats
rh.BA_exvivo.thresh.stats
rh.curv.stats
rh.w-g.pct.stats
wmparc.stats

1001_01_MR/T1w/1001_01_MR/surf/

lh.area.mid
lh.area
lh.area.pial
lh.avg_curv
lh.bak.thickness
lh.curv
lh.curv.pial
lh.defect_borders
lh.defect_chull
lh.defect_labels
lh.inflated.H
lh.inflated.K
lh.inflated
lh.inflated.nofix
lh.jacobian_white
lh.orig
lh.orig.nofix
lh.pial
lh.pial.rawavg.conf
lh.pial.rawavg
lh.qsphere.nofix
lh.smoothwm.BE.crv
lh.smoothwm.C.crv
lh.smoothwm.FI.crv
lh.smoothwm.H.crv
lh.smoothwm.K1.crv
lh.smoothwm.K2.crv
lh.smoothwm.K.crv



lh.smoothwm
lh.smoothwm.nofix
lh.smoothwm.S.crv
lh.sphere
lh.sphere.reg
lh.sulc
lh.thickness
lh.volume
lh.w-g.pct.mgh
lh.white.deformed
lh.white.H
lh.white.K
lh.white
lh.white.preaparc.H
lh.white.preaparc.K
lh.white.preaparc
lh.white.preaparc.rawavg
lh.white.rawavg.conf
lh.white.rawavg
lh.woT2.pial
lh.woT2.pial.rawavg.conf
lh.woT2.pial.rawavg
rh.area.mid
rh.area
rh.area.pial
rh.avg_curv
rh.bak.thickness
rh.curv
rh.curv.pial
rh.defect_borders
rh.defect_chull
rh.defect_labels
rh.inflated.H
rh.inflated.K
rh.inflated
rh.inflated.nofix
rh.jacobian_white
rh.orig
rh.orig.nofix
rh.pial
rh.pial.rawavg.conf
rh.pial.rawavg
rh.qsphere.nofix
rh.smoothwm.BE.crv
rh.smoothwm.C.crv
rh.smoothwm.F1.crv
rh.smoothwm.H.crv
rh.smoothwm.K1.crv
rh.smoothwm.K2.crv



rh.smoothwm.K.crv
rh.smoothwm
rh.smoothwm.nofix
rh.smoothwm.S.crv
rh.sphere
rh.sphere.reg
rh.sulc
rh.thickness
rh.volume
rh.w-g.pct.mgh
rh.white.deformed
rh.white.H
rh.white.K
rh.white
rh.white.preaparc.H
rh.white.preaparc.K
rh.white.preaparc
rh.white.preaparc.rawavg
rh.white.rawavg.conf
rh.white.rawavg
rh.woT2.pial
rh.woT2.pial.rawavg.conf
rh.woT2.pial.rawavg

1001_01_MR/T1w/1001_01_MR/touch/

aparc.a2009s2aseg.touch
aparc.DKTatlas2aseg.touch
apas2aseg.touch
asegmerge.touch
ca_label.touch
ca_normalize.touch
ca_register.touch
conf2 hires
conform.touch
cortical_ribbon.touch
em_register.touch
fill.touch
inorm1.touch
inorm2.touch
lh.aparc2.touch
lh.aparcstats2.touch
lh.aparcstats3.touch
lh.aparcstats.touch
lh.aparc.touch
lh.avgcurv.touch
lh.curvstats.touch
lh.final_surfaces.touch
lh.inflate1.touch
lh.inflate2.touch



lh.inflate.H.K.touch
lh.jacobian_white.touch
lh.pctsurfcon.touch
lh.qsphere.touch
lh.smoothwm1.touch
lh.smoothwm2.touch
lh.sphmorph.touch
lh.sphreg.touch
lh.surfvolume.touch
lh.tessellate.touch
lh.topofix.touch
lh.white.H.K.touch
lh.white_surface.touch
nu.touch
relabelhypos.touch
rh.aparc2.touch
rh.aparcstats2.touch
rh.aparcstats3.touch
rh.aparcstats.touch
rh.aparc.touch
rh.avgcurv.touch
rh.curvstats.touch
rh.final_surfaces.touch
rh.inflate1.touch
rh.inflate2.touch
rh.inflate.H.K.touch
rh.jacobian_white.touch
rh.pctsurfcon.touch
rh.qsphere.touch
rh.smoothwm1.touch
rh.smoothwm2.touch
rh.sphmorph.touch
rh.sphreg.touch
rh.surfvolume.touch
rh.tessellate.touch
rh.topofix.touch
rh.white.H.K.touch
rh.white_surface.touch
rusage.mri_ca_register.dat
rusage.mris_fix_topology.lh.dat
rusage.mris_fix_topology.rh.dat
rusage.mris_inflate.lh.dat
rusage.mris_inflate.rh.dat
rusage.mris_register.lh.dat
rusage.mris_register.rh.dat
rusage.mris_sphere.lh.dat
rusage.mris_sphere.rh.dat
segstats.touch
skull.lta.touch



skull_strip.touch
talairach.touch
wmaparc.stats.touch
wmaparc.touch
wmsegment.touch