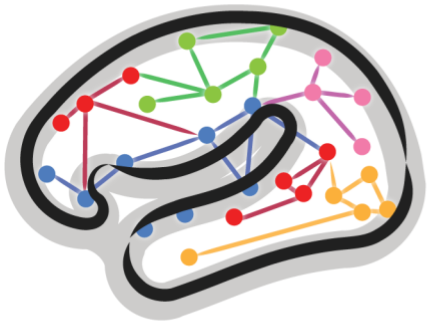

HUMAN Connectome PROJECT

HCP-Young Adult 2025 Data Release

Updated data from WU-Minn HCP 1200 Subjects

Appendix III – File Names and Directory Structure for 2025 Release on BALSA

1 March 2017 HCP S1200 Reference Manual

updated 10 April 2018 *to include S1200 7T data and bedpostX-processed Diffusion data.*

updated 11 August 2025 *with updated processing to include Spin-echo based ("SEBASED") intensity bias field correction of all the fMRI data, elimination of the regression of movement regressors as a step in the fMRI data cleaning (see Glasser et al., 2019 Neuroimage), addition of multi-run FIX for the 3T task fMRI data, and addition of Reclean (improvements to spatial ICA) and Temporal ICA pipelines and processed output for all 3T and 7T fMRI data. These updated data are processed and are repackaged similarly to the HCP Lifespan HCP-Aging and HCP-Development data.* ***Processed data are only being released for 1071 subjects without processing errors and with at least one rfMRI run to enable MSMAll registration.*** *Unprocessed data is available for all subjects with imaging data (1113 subjects).* ***Due to these updates, data from this 2025 Release should not be mixed with data from the previous "S1200" Release (from 2017).***

Table of Contents

Introduction

This document lists all file names, directories, and subdirectories obtained when downloading updated HCP-Young Adult (HCP-YA) data for an exemplar subject (125525 for the 3T and 7T MR Data, 012345 for the MEG data) being released in 2025 on "ConnectomeDB Powered by BALSA". For all other subjects, the filenames are identical except for the subject identifier. The general directory structure is the same whether you obtain data from download from ConnectomeDB powered by BALSA and previous sources (db.humanconnectome.org, Amazon Public Datasets S3, or by previously ordering HCP Connectome in a Box), however, ***additional processing has been completed resulting in additional files and the newer data available on ConnectomDB powered by BALSA should be used in analyses going forward***. Additionally, the data has been repackaged for distribution as described in the table below. The 2025 Release packages are made to match that of the final Lifespan HCP release data and vary significantly from the packages that have been available on ConnectomeDB fom 2013-2025.

While there are some differences in the data collected for each HCP project (e.g. spatial resolution, specific tfMRI tasks, presence of ASL, MEG), with this 2025 HCP-YA release, the file structure is the same for the HCP-YA, HCP-Aging (HCA)/Aging Adult Brain Connectome (AABC), HCP-Development, and to be released HCP-Pipelines processed (HCP-Style) Connectomes Related to Human Disease data as they are in the input/output structure expected by the HCP Pipelines.

Several modality and processing level-specific HCP packages are available for download in any combination for any number of searched/filtered subjects. Subject numbers and data sizes are large and users with different analysis goals may only need parts of the HCP pipeline processing outputs so there are filters in BALSA, including filters by phenotypic data values, to help narrow the data to the group and packages needed.

This appendix is organized into sections by processing level (unprocessed/preprocessed), and then by HCP Package (below) in subsections. The HCP Package file contents are then detailed within their directory structure for a single subject session.

If you create a download package that contains more than one HCP Package/filter, the files and directories contained in the selected packages will be combined into a single directory tree per subject session when you unzip the downloaded data.

MRI Packages available in BALSA:

Data Package	shortname	Package Description
Structural Unprocessed	UnprocStruc	This package contains multi-echo MPRAGE (T1 weighted) and T2-SPACE (T2 weighted) scans (in NIFTI format), reconstructions both with and without Siemen's 'Prescan Normalize' feature, associated navigators for each scan, reconstructions of each of the four separate echoes from the multi-echo T1w scan, reconstructions of the RMS of the four T1w echoes, and a session report file that provides an overview of the usable imaging data collected during the participant's visit.

Data Package	shortname	Package Description
Diffusion Unprocessed	UnprocDmri	This package contains dMRI scans (in NIFTI format), bval, and bvec files for the two sets of diffusion sensitizing directions ('dir98' and 'dir99') each acquired with AP/PA phase encoding, plus SpinEchoFieldMaps and SBRefs.
Resting State rfMRI Unprocessed	UnprocRfmri	This package contains both pairs of resting state fMRI scans (in NIFTI format), acquired with AP/PA phase encoding, plus SpinEchoFieldMaps, SBRefs, and PsychoPy event timing, Physio files containing pulse oximetry and respiratory traces, and participant eye videos for each run.
tfMRI Unprocessed	UnprocTfmri	This package contains fMRI scans (in NIFTI format) for the CARIT task (Go/NoGo Conditioned Approach Response Inhibition Task), FACENAME (paired-associative memory) task, and VISMOTOR (simultaneous motor and visual activation) task, plus SpinEchoFieldMaps, SBRef, PsychoPy event timing and task modeling files, and a Physio file containing pulse oximetry and respiratory traces.
Structural Preprocessed Recommended	StructuralRecommended	This package contains recommended files for structural analyses including files precisely aligned across subjects using the MSMAll multi-modal surface registration and QC snapshots. Files processed for both 3T analysis
Structural Preprocessed Extended	StructuralExtended	This package contains additional structural preprocessing files including outputs of MSMSulc registration, the full FreeSurfer output, and a StructuralQC scene that can be viewed in wb_view
Diffusion Preprocessed Recommended	DiffusionRecommended	This package contains diffusion weighted images aligned to the subject's T1w space that have been corrected for motion, distortions, and outliers using FSL's 'eddy' tool, diffusion weighting (bvals), direction (bvecs), QC files generated by FSL's 'QUAD' tool, a file (grad_dev.nii.gz) that can be used to account for gradient nonlinearities during model fitting, and outputs of BedpostX that can be used for probabilistic tractography.
rfMRI Preprocessed Recommended	RestFmriRecommended	This package contains recommended rfMRI files (for all resting-state runs) including spatial ICA (+ recleaned) and temporal ICA-cleaned CIFTI files precisely aligned across subjects using the MSMAll multi-modal surface registration

Data Package	shortname	Package Description
		and NIFTI volumetric files that in some cases are appropriate to analyze together with the CIFTI files.
tfMRI Preprocessed Recommended	TaskFmriRecommended	This package contains recommended tfMRI files (for all collected tasks + concatenated across tasks) including spatial ICA (+ recleaned) and temporal ICA-cleaned CIFTI files precisely aligned across subjects using the MSMAll multi-modal surface registration and NIFTI volumetric files that in some cases are appropriate to analyze together with the CIFTI files.

The user may choose to download MRI or MEG, unprocessed data, preprocessed data, analysis, or source-level processed (MEG only) data or any combination of these. All data should unpack to a <SubjectID> directory (e.g., **125525/**, as exemplified here).

If unprocessed, reprocessed, and analysis MR data are downloaded, this high-level directory will contain 5 directories (each with various additional subdirectories):

<**SubjectID**>**/** (e.g., **125525/**)

Diffusion/
T1w/
MNINonLinear/
release-notes/
unprocessed/

If all types of MEG data are downloaded, the <SubjectID> directory (e.g., 012345/, as exemplified here) will contain 3 directories (each with various additional subdirectories):

<**SubjectID**>**/** (e.g., **012345/**)

release-notes/
unprocessed/
MEG/

Section A: Unprocessed MR Data Directory Structure

3T Data

Unprocessed data for each HCP-YA subject are distributed in modality-specific packages.

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

Unprocessed visit 1 data for exemplar subject **125525** has the following directory structure: All 3T unprocessed data for each subject should unpack to the **unprocessed/3T/** directory under the <**SubjectID**> directory:

<**SubjectID**>**/** (e.g., **125525/**)

release-notes/
unprocessed/
3T/

The 3T/ subdirectory signifies that these data were acquired on the 3T Connectome Skyra at Wash U. For the subjects that are also scanned at 7T at UMinn (184 of the 1206), the 7T data unpacks to a 7T/ subdirectory.

Unprocessed 3T data for exemplar subject **125525** unpacks to the following directory structure:

125525/unprocessed/3T/
125525_3T.csv Session parameters (in 3T Structural Unproc package)
Diffusion/
rfMRI_REST1_LR/
rfMRI_REST1_RL/
rfMRI_REST2_LR/
rfMRI_REST2_RL/
T1w_MPR1/
T2w_SPC1/
tfMRI_EMOTION_LR/
tfMRI_EMOTION_RL/
tfMRI_GAMBLING_LR/
tfMRI_GAMBLING_RL/
tfMRI_LANGUAGE_LR/
tfMRI_LANGUAGE_RL/
tfMRI_MOTOR_LR/
tfMRI_MOTOR_RL/
tfMRI_RELATIONAL_LR/
tfMRI_RELATIONAL_RL/
tfMRI_SOCIAL_LR/
tfMRI_SOCIAL_RL/
tfMRI_WM_LR/
tfMRI_WM_RL/

Unprocessed T1w and T2w Structural

This package contains multi-echo MPRAGE (T1 weighted) and T2-SPACE (T2 weighted) scans (in NIFTI format) that were used as the starting point for Structural preprocessing.

UnprocStruc

125525/unprocessed/3T/T1w_MPR1/

```
125525_3T_AFI.nii.gz
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_FieldMap_Magnitude.nii.gz
125525_3T_FieldMap_Phase.nii.gz
125525_3T_T1w_MPR1.nii.gz
```

125525/unprocessed/3T/T2w_SPC1/

```
125525_3T_AFI.nii.gz
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_FieldMap_Magnitude.nii.gz
125525_3T_FieldMap_Phase.nii.gz
125525_3T_T2w_SPC1.nii.gz
```

Unprocessed Resting State rfMRI (REST1 and REST2)

This package contains both pairs of resting state fMRI scans (in NIFTI format), acquired with RL/LR phase encoding, plus SpinEchoFieldMaps, and SBRefs. Physio files containing pulse oximetry and respiratory traces for each run.

UnprocRfmri

125525/unprocessed/3T/rfMRI_REST1_LR

```
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_rfMRI_REST1_LR_SBRef.nii.gz
125525_3T_rfMRI_REST1_LR.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
LINKED_DATA/
      PHYSIO/
            125525_3T_rfMRI_REST1_LR_Physio_log.txt
```

125525/unprocessed/3T/rfMRI_REST1_RL

```
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_rfMRI_REST1_RL_SBRef.nii.gz
```

```
      125525_3T_rfMRI_REST1_RL.nii.gz
      125525_3T_SpinEchoFieldMap_LR.nii.gz
      125525_3T_SpinEchoFieldMap_RL.nii.gz
      LINKED_DATA/
            PHYSIO/
                  125525_3T_rfMRI_REST1_RL_Physio_log.txt

125525/unprocessed/3T/rfMRI_REST2_LR
      125525_3T_BIAS_32CH.nii.gz
      125525_3T_BIAS_BC.nii.gz
      125525_3T_rfMRI_REST2_LR_SBRef.nii.gz
      125525_3T_rfMRI_REST2_LR.nii.gz
      125525_3T_SpinEchoFieldMap_LR.nii.gz
      125525_3T_SpinEchoFieldMap_RL.nii.gz
      LINKED_DATA/
            PHYSIO/
                  125525_3T_rfMRI_REST2_LR_Physio_log.txt

125525/unprocessed/3T/rfMRI_REST2_RL
      125525_3T_BIAS_32CH.nii.gz
      125525_3T_BIAS_BC.nii.gz
      125525_3T_rfMRI_REST2_RL_SBRef.nii.gz
      125525_3T_rfMRI_REST2_RL.nii.gz
      125525_3T_SpinEchoFieldMap_LR.nii.gz
      125525_3T_SpinEchoFieldMap_RL.nii.gz
      LINKED_DATA/
            PHYSIO/
                  125525_3T_rfMRI_REST2_RL_Physio_log.txt
```

Unprocessed Task fMRI

This package contains the task fMRI scans for the HCA/AABC tasks (CARIT, FACENAME, VISMOTOR) in NIFTI format, plus SpinEchoFieldMaps, SBRef, PsychoPy event timing and task modeling files, and a Physio file containing pulse oximetry and respiratory traces for each run.

UnprocTfmri

Emotion Processing

```
125525/unprocessed/3T/tfMRI_EMOTION_LR
      125525_3T_BIAS_32CH.nii.gz
      125525_3T_BIAS_BC.nii.gz
      125525_3T_SpinEchoFieldMap_LR.nii.gz
      125525_3T_SpinEchoFieldMap_RL.nii.gz
      125525_3T_tfMRI_EMOTION_LR.nii.gz
      125525_3T_tfMRI_EMOTION_LR_SBRef.nii.gz
```

LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_EMOTION_LR/LINKED_DATA/EPRIME
125525_3T_EMOTION_run2_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_EMOTION_LR/LINKED_DATA/EPRIME/EVs
EMOTION_Stats.csv
fear.txt
neut.txt
Sync.txt

125525/unprocessed/3T/tfMRI_EMOTION_LR/LINKED_DATA/PHYSIO
125525_3T_tfMRI_EMOTION_LR_Physio_log.txt

125525/unprocessed/3T/tfMRI_EMOTION_RL
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_EMOTION_RL.nii.gz
125525_3T_tfMRI_EMOTION_RL_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_EMOTION_RL/LINKED_DATA/EPRIME
125525_3T_EMOTION_run1_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_EMOTION_RL/LINKED_DATA/EPRIME/EVs
EMOTION_Stats.csv
fear.txt
neut.txt
Sync.txt

125525/unprocessed/3T/tfMRI_EMOTION_RL/LINKED_DATA/PHYSIO
125525_3T_tfMRI_EMOTION_RL_Physio_log.txt

Gambling

125525/unprocessed/3T/tfMRI_GAMBLING_LR

125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_GAMBLING_LR.nii.gz
125525_3T_tfMRI_GAMBLING_LR_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_GAMBLING_LR/LINKED_DATA/EPRIME
125525_3T_GAMBLING_run2_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_GAMBLING_LR/LINKED_DATA/EPRIME/EVs
GAMBLING_Stats.csv
loss_event.txt
loss.txt
neut_event.txt
Sync.txt
win_event.txt
win.txt

125525/unprocessed/3T/tfMRI_GAMBLING_LR/LINKED_DATA/PHYSIO
125525_3T_tfMRI_GAMBLING_LR_Physio_log.txt

125525/unprocessed/3T/tfMRI_GAMBLING_RL
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_GAMBLING_RL.nii.gz
125525_3T_tfMRI_GAMBLING_RL_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_GAMBLING_RL/LINKED_DATA/EPRIME
125525_3T_GAMBLING_run1_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_GAMBLING_RL/LINKED_DATA/EPRIME/EVs
GAMBLING_Stats.csv
loss_event.txt
loss.txt
neut_event.txt
Sync.txt

win_event.txt
win.txt

125525/unprocessed/3T/tfMRI_GAMBLING_RL/LINKED_DATA/PHYSIO
125525_3T_tfMRI_GAMBLING_RL_Physio_log.txt

Language Processing

125525/unprocessed/3T/tfMRI_LANGUAGE_LR
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_LANGUAGE_LR.nii.gz
125525_3T_tfMRI_LANGUAGE_LR_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_LANGUAGE_LR/LINKED_DATA/EPRIME
125525_3T_LANGUAGE_run2_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_LANGUAGE_LR/LINKED_DATA/EPRIME/EVs
cue.txt
LANGUAGE_Stats.csv
math.txt
present_math.txt
present_story.txt
question_math.txt
question_story.txt
response_math.txt
response_story.txt
story.txt
Sync.txt

125525/unprocessed/3T/tfMRI_LANGUAGE_LR/LINKED_DATA/PHYSIO
125525_3T_tfMRI_LANGUAGE_LR_Physio_log.txt

125525/unprocessed/3T/tfMRI_LANGUAGE_RL
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz

125525_3T_tfMRI_LANGUAGE_RL.nii.gz
125525_3T_tfMRI_LANGUAGE_RL_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_LANGUAGE_RL/LINKED_DATA/EPRIME
125525_3T_LANGUAGE_run1_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_LANGUAGE_RL/LINKED_DATA/EPRIME/EVs
cue.txt
LANGUAGE_Stats.csv
math.txt
present_math.txt
present_story.txt
question_math.txt
question_story.txt
response_math.txt
response_story.txt
story.txt
Sync.txt

125525/unprocessed/3T/tfMRI_LANGUAGE_RL/LINKED_DATA/PHYSIO
125525_3T_tfMRI_LANGUAGE_RL_Physio_log.txt

Motor

125525/unprocessed/3T/tfMRI_MOTOR_LR
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_MOTOR_LR.nii.gz
125525_3T_tfMRI_MOTOR_LR_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_MOTOR_LR/LINKED_DATA/EPRIME/
125525_3T_MOTOR_run2_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_MOTOR_LR/LINKED_DATA/EPRIME/EVs
cue.txt

lf.txt
lh.txt
rf.txt
rh.txt
Sync.txt
t.txt

125525/unprocessed/3T/tfMRI_MOTOR_LR/LINKED_DATA/PHYSIO
125525_3T_tfMRI_MOTOR_LR_Physio_log.txt

125525/unprocessed/3T/tfMRI_MOTOR_RL
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_MOTOR_RL.nii.gz
125525_3T_tfMRI_MOTOR_RL_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_MOTOR_RL/LINKED_DATA/EPRIME/
125525_3T_MOTOR_run1_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_MOTOR_RL/LINKED_DATA/EPRIME/EVs
cue.txt
lf.txt
lh.txt
rf.txt
rh.txt
Sync.txt
t.txt

125525/unprocessed/3T/tfMRI_MOTOR_Rl/LINKED_DATA/PHYSIO
125525_3T_tfMRI_MOTOR_RL_Physio_log.txt

Relational Processing

125525/unprocessed/3T/tfMRI_RELATIONAL_LR
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_RELATIONAL_LR.nii.gz

125525_3T_tfMRI_RELATIONAL_LR_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_RELATIONAL_LR/ LINKED_DATA/EPRIME
125525_3T_RELATIONAL_run2_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_RELATIONAL_LR/LINKED_DATA/EPRIME/EVs
error.txt
match.txt
RELATIONAL_Stats.csv
relation.txt
Sync.txt

125525/unprocessed/3T/tfMRI_RELATIONAL_LR/LINKED_DATA/PHYSIO
125525_3T_tfMRI_RELATIONAL_LR_Physio_log.txt

125525/unprocessed/3T/tfMRI_RELATIONAL_RL
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_RELATIONAL_RL.nii.gz
125525_3T_tfMRI_RELATIONAL_RL_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_RELATIONAL_RL/LINKED_DATA/EPRIME
125525_3T_RELATIONAL_run1_TAB.txt
EVs/
125525/unprocessed/3T/tfMRI_RELATIONAL_RL/LINKED_DATA/EPRIME/EVs
error.txt
match.txt
RELATIONAL_Stats.csv
relation.txt
Sync.txt

125525/unprocessed/3T/tfMRI_RELATIONAL_RL/LINKED_DATA/PHYSIO
125525_3T_tfMRI_RELATIONAL_RL_Physio_log.txt

Social Cognition

125525/unprocessed/3T/tfMRI_SOCIAL_LR

125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_SOCIAL_LR.nii.gz
125525_3T_tfMRI_SOCIAL_LR_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_SOCIAL_LR/LINKED_DATA/EPRIME

125525_3T_SOCIAL_run2_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_SOCIAL_LR/LINKED_DATA/EPRIME/EVs

mental_resp.txt
mental.txt
other_resp.txt
rnd.txt
SOCIAL_Stats.csv
Sync.txt

125525/unprocessed/3T/tfMRI_SOCIAL_LR/LINKED_DATA/PHYSIO

125525_3T_tfMRI_SOCIAL_LR_Physio_log.txt

125525/unprocessed/3T/tfMRI_SOCIAL_RL

125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_SOCIAL_RL.nii.gz
125525_3T_tfMRI_SOCIAL_RL_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_SOCIAL_RL/LINKED_DATA/EPRIME

125525_3T_SOCIAL_run1_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_SOCIAL_RL/LINKED_DATA/EPRIME/EVs

mental_resp.txt
mental.txt

other_resp.txt
rnd.txt
SOCIAL_Stats.csv
Sync.txt

125525/unprocessed/3T/tfMRI_SOCIAL_RL/LINKED_DATA/PHYSIO
125525_3T_tfMRI_SOCIAL_RL_Physio_log.txt

Working Memory

125525/unprocessed/3T/tfMRI_WM_LR
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_WM_LR.nii.gz
125525_3T_tfMRI_WM_LR_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_WM_LR/LINKED_DATA/EPRIME
125525_3T_REC_run2_TAB.txt
125525_3T_WM_run2_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_WM_LR/LINKED_DATA/EPRIME/EVs
0bk_body.txt
0bk_cor.txt
0bk_err.txt
0bk_faces.txt
0bk_nlr.txt
0bk_places.txt
0bk_tools.txt
2bk_body.txt
2bk_cor.txt
2bk_err.txt
2bk_faces.txt
2bk_nlr.txt
2bk_places.txt
2bk_tools.txt
all_bk_cor.txt
all_bk_err.txt
Sync.txt
WM_Stats.csv

125525/unprocessed/3T/tfMRI_WM_LR/LINKED_DATA/PHYSIO
125525_3T_tfMRI_WM_LR_Physio_log.txt

125525/unprocessed/3T/tfMRI_WM_RL
125525_3T_BIAS_32CH.nii.gz
125525_3T_BIAS_BC.nii.gz
125525_3T_SpinEchoFieldMap_LR.nii.gz
125525_3T_SpinEchoFieldMap_RL.nii.gz
125525_3T_tfMRI_WM_RL.nii.gz
125525_3T_tfMRI_WM_RL_SBRef.nii.gz
LINKED_DATA/
EPRIME/
PHYSIO/

125525/unprocessed/3T/tfMRI_WM_RL/LINKED_DATA/EPRIME
125525_3T_REC_run1_TAB.txt
125525_3T_WM_run1_TAB.txt
EVs/

125525/unprocessed/3T/tfMRI_WM_RL/LINKED_DATA/EPRIME/EVs
0bk_body.txt
0bk_cor.txt
0bk_err.txt
0bk_faces.txt
0bk_nlr.txt
0bk_places.txt
0bk_tools.txt
2bk_body.txt
2bk_cor.txt
2bk_err.txt
2bk_faces.txt
2bk_nlr.txt
2bk_places.txt
2bk_tools.txt
all_bk_cor.txt
all_bk_err.txt
Sync.txt
WM_Stats.csv

125525/unprocessed/3T/tfMRI_WM_RL/LINKED_DATA/PHYSIO
125525_3T_tfMRI_WM_RL_Physio_log.txt

Unprocessed Diffusion

This package contains the dMRI scans (in NIFTI format), bval, and bvec files for the two sets of diffusion sensitizing directions ('dir98' and 'dir99'), each acquired with AP/PA phase encoding, plus SpinEchoFieldMaps and SBRefs.

3TUnprocDmri

125525/unprocessed/3T/Diffusion/

```
      125525_3T_BIAS_32CH.nii.gz
      125525_3T_BIAS_BC.nii.gz
      125525_3T_DWI_dir95_LR.bval
      125525_3T_DWI_dir95_LR.bvec
      125525_3T_DWI_dir95_LR.nii.gz
      125525_3T_DWI_dir95_LR_SBRef.nii.gz
      125525_3T_DWI_dir95_RL.bval
      125525_3T_DWI_dir95_RL.bvec
      125525_3T_DWI_dir95_RL.nii.gz
      125525_3T_DWI_dir95_RL_SBRef.nii.gz
      125525_3T_DWI_dir96_LR.bval
      125525_3T_DWI_dir96_LR.bvec
      125525_3T_DWI_dir96_LR.nii.gz
      125525_3T_DWI_dir96_LR_SBRef.nii.gz
      125525_3T_DWI_dir96_RL.bval
      125525_3T_DWI_dir96_RL.bvec
      125525_3T_DWI_dir96_RL.nii.gz
      125525_3T_DWI_dir96_RL_SBRef.nii.gz
      125525_3T_DWI_dir97_LR.bval
      125525_3T_DWI_dir97_LR.bvec
      125525_3T_DWI_dir97_LR.nii.gz
      125525_3T_DWI_dir97_LR_SBRef.nii.gz
      125525_3T_DWI_dir97_RL.bval
      125525_3T_DWI_dir97_RL.bvec
      125525_3T_DWI_dir97_RL.nii.gz
      125525_3T_DWI_dir97_RL_SBRef.nii.gz
      LINKED_DATA/
            PHYSIO/
                  125525_3T_DWI_dir95_LR_Physio_log.txt
                  125525_3T_DWI_dir95_RL_Physio_log.txt
                  125525_3T_DWI_dir96_LR_Physio_log.txt
                  125525_3T_DWI_dir96_RL_Physio_log.txt
                  125525_3T_DWI_dir97_LR_Physio_log.txt
                  125525_3T_DWI_dir97_RL_Physio_log.txt
```

7T Data

Unprocessed 7T data for exemplar subject 125525 unpacks to the following directory structure:

125525/unprocessed/7T/
Diffusion/
rfMRI_REST1_PA/
rfMRI_REST2_AP/
rfMRI_REST3_PA/
rfMRI_REST4_AP/
tfMRI_MOVIE1_AP/
tfMRI_MOVIE2_PA/
tfMRI_MOVIE3_PA/
tfMRI_MOVIE4_AP/
tfMRI_RETBAR1_AP/
tfMRI_RETBAR2_PA/
tfMRI_RETCW_PA/
tfMRI_RETCCW_AP/
tfMRI_RETCON_PA/
tfMRI_RETEXP_AP/

7T Diffusion Data

125525/unprocessed/7T/Diffusion/
125525_7T_DWI_dir71_AP.bval
125525_7T_DWI_dir71_AP.bvec
125525_7T_DWI_dir71_AP.nii.gz
125525_7T_DWI_dir71_AP_SBRef.nii.gz
125525_7T_DWI_dir71_PA.bval
125525_7T_DWI_dir71_PA.bvec
125525_7T_DWI_dir71_PA.nii.gz
125525_7T_DWI_dir71_PA_SBRef.nii.gz
125525_7T_DWI_dir72_AP.bval
125525_7T_DWI_dir72_AP.bvec
125525_7T_DWI_dir72_AP.nii.gz
125525_7T_DWI_dir72_AP_SBRef.nii.gz
125525_7T_DWI_dir72_PA.bval
125525_7T_DWI_dir72_PA.bvec
125525_7T_DWI_dir72_PA.nii.gz
125525_7T_DWI_dir72_PA_SBRef.nii.gz
filescans.csv

7T Resting State rfMRI Data (REST 1-4)

125525/unprocessed/7T/rfMRI_REST1_PA/
125525_7T_rfMRI_REST1_PA.nii.gz

125525_7T_rfMRI_REST1_PA_SBRef.nii.gz
125525_7T_SpinEchoFieldMap_AP.nii.gz
125525_7T_SpinEchoFieldMap_PA.nii.gz
filescans.csv
LINKED_DATA/
BEHAV/
125525_7T_REST1_behav.xml
EYETRACKER/
125525_7T_REST1_eyetrack_summary.csv
125525_7T_REST1_eyetrack.asc

125525/unprocessed/7T/rfMRI_REST2_AP/
125525_7T_rfMRI_REST2_AP.nii.gz
125525_7T_rfMRI_REST2_AP_SBRef.nii.gz
125525_7T_SpinEchoFieldMap_AP.nii.gz
125525_7T_SpinEchoFieldMap_PA.nii.gz
filescans.csv
LINKED_DATA/
BEHAV/
125525_7T_REST2_behav.xml
EYETRACKER/
125525_7T_REST2_eyetrack_summary.csv
125525_7T_REST2_eyetrack.asc

125525/unprocessed/7T/rfMRI_REST3_PA/
125525_7T_rfMRI_REST3_PA.nii.gz
125525_7T_rfMRI_REST3_PA_SBRef.nii.gz
125525_7T_SpinEchoFieldMap_AP.nii.gz
125525_7T_SpinEchoFieldMap_PA.nii.gz
filescans.csv
LINKED_DATA/
BEHAV/
125525_7T_REST3_behav.xml
EYETRACKER/
125525_7T_REST3_eyetrack_summary.csv
125525_7T_REST3_eyetrack.asc

125525/unprocessed/7T/rfMRI_REST4_AP/
125525_7T_rfMRI_REST4_AP.nii.gz
125525_7T_rfMRI_REST4_AP_SBRef.nii.gz
125525_7T_SpinEchoFieldMap_AP.nii.gz
125525_7T_SpinEchoFieldMap_PA.nii.gz
filescans.csv
LINKED_DATA/
BEHAV/

```
            125525_7T_REST4_behav.xml
      EYETRACKER/
            125525_7T_REST4_eyetrack_summary.csv
            125525_7T_REST4_eyetrack.asc
```

7T Task tfMRI Data

Movie Watching

```
125525/unprocessed/7T/tfMRI_MOVIE1_AP/
      125525_7T_SpinEchoFieldMap_AP.nii.gz
      125525_7T_SpinEchoFieldMap_PA.nii.gz
      125525_7T_tfMRI_MOVIE1_AP.nii.gz
      125525_7T_tfMRI_MOVIE1_AP_SBRef.nii.gz
      filescans.csv
      LINKED_DATA/
            BEHAV/
                  125525_7T_MOV1_behav.xml
            EYETRACKER/
                  125525_7T_MOV1_eyetrack_summary.csv
                  125525_7T_MOV1_eyetrack.asc

125525/unprocessed/7T/tfMRI_MOVIE2_PA/
      125525_7T_SpinEchoFieldMap_AP.nii.gz
      125525_7T_SpinEchoFieldMap_PA.nii.gz
      125525_7T_tfMRI_MOVIE2_PA.nii.gz
      125525_7T_tfMRI_MOVIE2_PA_SBRef.nii.gz
      filescans.csv
      LINKED_DATA/
            BEHAV/
                  125525_7T_MOV2_behav.xml
            EYETRACKER/
                  125525_7T_MOV2_eyetrack_summary.csv
                  125525_7T_MOV2_eyetrack.asc

125525/unprocessed/7T/tfMRI_MOVIE3_PA/
      125525_7T_SpinEchoFieldMap_AP.nii.gz
      125525_7T_SpinEchoFieldMap_PA.nii.gz
      125525_7T_tfMRI_MOVIE3_PA.nii.gz
      125525_7T_tfMRI_MOVIE3_PA_SBRef.nii.gz
      filescans.csv
      LINKED_DATA/
            BEHAV/
```

```
            125525_7T_MOV3_behav.xml
      EYETRACKER/
            125525_7T_MOV3_eyetrack_summary.csv
            125525_7T_MOV3_eyetrack.asc

125525/unprocessed/7T/tfMRI_MOVIE4_AP/
   125525_7T_SpinEchoFieldMap_AP.nii.gz
   125525_7T_SpinEchoFieldMap_PA.nii.gz
   125525_7T_tfMRI_MOVIE4_AP.nii.gz
   125525_7T_tfMRI_MOVIE4_AP_SBRef.nii.gz
   filescans.csv
   LINKED_DATA/
      BEHAV/
            125525_7T_MOV4_behav.xml
      EYETRACKER/
            125525_7T_MOV4_eyetrack_summary.csv
            125525_7T_MOV4_eyetrack.asc
```

Retinotopy

```
125525/unprocessed/7T/tfMRI_RETBAR1_AP/
   125525_7T_SpinEchoFieldMap_AP.nii.gz
   125525_7T_SpinEchoFieldMap_PA.nii.gz
   125525_7T_tfMRI_RETBAR1_AP.nii.gz
   125525_7T_tfMRI_RETBAR1_AP_SBRef.nii.gz
   filescans.csv
   LINKED_DATA/
      BEHAV/
            125525_7T_tfMRI_RETBAR1_behav.xml
      EYETRACKER/
            125525_7T_RETBAR1_eyetrack_summary.csv
            125525_7T_RETBAR1_eyetrack.asc

125525/unprocessed/7T/tfMRI_RETBAR2_PA/
   125525_7T_SpinEchoFieldMap_AP.nii.gz
   125525_7T_SpinEchoFieldMap_PA.nii.gz
   125525_7T_tfMRI_RETBAR2_PA.nii.gz
   125525_7T_tfMRI_RETBAR2_PA_SBRef.nii.gz
   filescans.csv
   LINKED_DATA/
      BEHAV/
            125525_7T_tfMRI_RETBAR2_behav.xml
      EYETRACKER/
            125525_7T_RETBAR2_eyetrack_summary.csv
            125525_7T_RETBAR2_eyetrack.asc
```

125525/unprocessed/7T/tfMRI_RETCCW_AP/
125525_7T_SpinEchoFieldMap_AP.nii.gz
125525_7T_SpinEchoFieldMap_PA.nii.gz
125525_7T_tfMRI_RETCCW_AP.nii.gz
125525_7T_tfMRI_RETCCW_AP_SBRef.nii.gz
filescans.csv
LINKED_DATA/
BEHAV/
125525_7T_tfMRI_RETCCW_behav.xml
EYETRACKER/
125525_7T_RETCCW_eyetrack_summary.csv
125525_7T_RETCCW_eyetrack.asc

125525/unprocessed/7T/tfMRI_RETCON_PA/
125525_7T_SpinEchoFieldMap_AP.nii.gz
125525_7T_SpinEchoFieldMap_PA.nii.gz
125525_7T_tfMRI_RETCON_PA.nii.gz
125525_7T_tfMRI_RETCON_PA_SBRef.nii.gz
filescans.csv
LINKED_DATA/
BEHAV/
125525_7T_tfMRI_RETCON_behav.xml
EYETRACKER/
125525_7T_RETCON_eyetrack_summary.csv
125525_7T_RETCON_eyetrack.asc

125525/unprocessed/7T/tfMRI_RETCW_PA/
125525_7T_SpinEchoFieldMap_AP.nii.gz
125525_7T_SpinEchoFieldMap_PA.nii.gz
125525_7T_tfMRI_RETCW_PA.nii.gz
125525_7T_tfMRI_RETCW_PA_SBRef.nii.gz
filescans.csv
LINKED_DATA/
BEHAV/
125525_7T_tfMRI_RETCW_behav.xml
EYETRACKER/
125525_7T_RETCW_eyetrack_summary.csv
125525_7T_RETCW_eyetrack.asc

125525/unprocessed/7T/tfMRI_RETEXP_AP/
125525_7T_SpinEchoFieldMap_AP.nii.gz
125525_7T_SpinEchoFieldMap_PA.nii.gz
125525_7T_tfMRI_RETEXP_AP.nii.gz

```
125525_7T_tfMRI_RETEXP_AP_SBRef.nii.gz
filescans.csv
LINKED_DATA/
      BEHAV/
            125525_7T_tfMRI_RETEXP_behav.xml
      EYETRACKER/
            125525_7T_RETEXP_eyetrack_summary.csv
            125525_7T_RETEXP_eyetrack.asc
```

Section B: Preprocessed MR Data Directory Structure

3T Data

Minimally preprocessed MR data is available on 1071 subjects who had structural data and at least one run of resting state fMRI data collected enabling MSMAll registration. Minimally preprocessed 3T data unpacks to a high level <SubjectID> directory (e.g., **125525/**, as exemplified here) that includes 2 subdirectories (each with various additional subdirectories)

<SubjectID>/ (e.g., **125525/**)

T1w/
MNINonLinear/

Structural Preprocessed Recommended

This package is the recommended starting point for structural analyses and contains files precisely aligned across subjects using MSMAll multi-modal surface registration, QC snapshots, and outputs of the HCP Structural Preprocessing pipeline, which is the result of applying PreFreeSurferPipeline, FreeSurferPipeline, PostFreeSurferPipeline, MSMAllPipeline, and the Pseudo Transmit Field Correction of T1w/T2w myelin maps. fsaverage outputs are available at 2.0mm/32k (suitable for 3T functional analysis) and 1.6mm/59k resolution (suitable for 7T analysis).

StructuralRecommended

```
125525
├── MNINonLinear
│   ├── 125525.ArealDistortion_MSMAll.164k_fs_LR.dscalar.nii
│   ├── 125525.corrThickness_MSMAll.164k_fs_LR.dscalar.nii
│   ├── 125525.curvature_MSMAll.164k_fs_LR.dscalar.nii
│   ├── 125525.EdgeDistortion_MSMAll.164k_fs_LR.dscalar.nii
│   ├── 125525.L.atlasroi.164k_fs_LR.shape.gii
│   ├── 125525.L.flat.164k_fs_LR.surf.gii
│   ├── 125525.L.inflated_MSMAll.164k_fs_LR.surf.gii
│   ├── 125525.L.midthickness_MSMAll.164k_fs_LR.surf.gii
│   ├── 125525.L.pial_MSMAll.164k_fs_LR.surf.gii
│   ├── 125525.L.sphere.164k_fs_LR.surf.gii
│   ├── 125525.L.very_inflated_MSMAll.164k_fs_LR.surf.gii
│   ├── 125525.L.white_MSMAll.164k_fs_LR.surf.gii
│   ├── 125525.MSMAll.164k_fs_LR.wb.spec
│   ├── 125525.MyelinMap_BC_MSMAll.164k_fs_LR.dscalar.nii
│   ├── 125525.R.atlasroi.164k_fs_LR.shape.gii
│   ├── 125525.R.flat.164k_fs_LR.surf.gii
│   ├── 125525.R.inflated_MSMAll.164k_fs_LR.surf.gii
│   ├── 125525.R.midthickness_MSMAll.164k_fs_LR.surf.gii
```

```
|   ├── 125525.R.pial_MSMAll.164k_fs_LR.surf.gii
|   ├── 125525.R.sphere.164k_fs_LR.surf.gii
|   ├── 125525.R.very_inflated_MSMAll.164k_fs_LR.surf.gii
|   ├── 125525.R.white_MSMAll.164k_fs_LR.surf.gii
|   ├── 125525.SmoothedMyelinMap_BC_MSMAll.164k_fs_LR.dscalar.nii
|   ├── 125525.SphericalDistortion_MSMAll.164k_fs_LR.dscalar.nii
|   ├── 125525.StrainJ_MSMAll.164k_fs_LR.dscalar.nii
|   ├── 125525.StrainR_MSMAll.164k_fs_LR.dscalar.nii
|   ├── 125525.sulc_MSMAll.164k_fs_LR.dscalar.nii
|   ├── 125525.thickness_MSMAll.164k_fs_LR.dscalar.nii
|   ├── AFI_Atlas.nii.gz
|   ├── AFI_orig_Atlas.nii.gz
|   ├── aparc.a2009s+aseg.nii.gz
|   ├── aparc+aseg.nii.gz
|   ├── BiasField.nii.gz
|   ├── brainmask_fs.1.60.nii.gz
|   ├── brainmask_fs.2.nii.gz
|   ├── brainmask_fs.nii.gz
|   ├── CSFStats.txt
|   ├── fsaverage_LR32k
|   |   ├── 125525.AFI_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.AFI_orig_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.ArealDistortion_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.BiasField_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.corrThickness_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.curvature_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.EdgeDistortion_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.L.atlasroi.32k_fs_LR.shape.gii
|   |   ├── 125525.L.flat.32k_fs_LR.surf.gii
|   |   ├── 125525.L.inflated_MSMAll.32k_fs_LR.surf.gii
|   |   ├── 125525.L.midthickness_MSMAll.32k_fs_LR.surf.gii
|   |   ├── 125525.L.pial_MSMAll.32k_fs_LR.surf.gii
|   |   ├── 125525.L.sphere.32k_fs_LR.surf.gii
|   |   ├── 125525.L.very_inflated_MSMAll.32k_fs_LR.surf.gii
|   |   ├── 125525.L.white_MSMAll.32k_fs_LR.surf.gii
|   |   ├── 125525.MSMAll.32k_fs_LR.wb.spec
|   |   ├── 125525.MyelinMap_BC_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.MyelinMap_Corr_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.MyelinMap_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.rAFI_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.R.atlasroi.32k_fs_LR.shape.gii
|   |   ├── 125525.ReceiveFieldCorrection_MSMAll.32k_fs_LR.dscalar.nii
|   |   ├── 125525.R.flat.32k_fs_LR.surf.gii
|   |   ├── 125525.R.inflated_MSMAll.32k_fs_LR.surf.gii
|   |   ├── 125525.R.midthickness_MSMAll.32k_fs_LR.surf.gii
|   |   ├── 125525.R.pial_MSMAll.32k_fs_LR.surf.gii
```

```
│   │   ├── 125525.R.sphere.32k_fs_LR.surf.gii
│   │   ├── 125525.R.very_inflated_MSMAll.32k_fs_LR.surf.gii
│   │   ├── 125525.R.white_MSMAll.32k_fs_LR.surf.gii
│   │   ├── 125525.SmoothedMyelinMap_BC_MSMAll.32k_fs_LR.dscalar.nii
│   │   ├── 125525.SphericalDistortion_MSMAll.32k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainJ_MSMAll.32k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainR_MSMAll.32k_fs_LR.dscalar.nii
│   │   ├── 125525.sulc_MSMAll.32k_fs_LR.dscalar.nii
│   │   └── 125525.thickness_MSMAll.32k_fs_LR.dscalar.nii
│   ├── fsaverage_LR59k
│   │   ├── 125525.1.6mm_MSMAll.59k_fs_LR.wb.spec
│   │   ├── 125525.ArealDistortion_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.BiasField_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.corrThickness_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.curvature_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.EdgeDistortion_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.L.atlasroi.59k_fs_LR.shape.gii
│   │   ├── 125525.L.flat.59k_fs_LR.surf.gii
│   │   ├── 125525.L.inflated_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.L.midthickness_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.L.pial_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.L.sphere.59k_fs_LR.surf.gii
│   │   ├── 125525.L.very_inflated_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.L.white_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.MyelinMap_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.MyelinMap_BC_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.R.atlasroi.59k_fs_LR.shape.gii
│   │   ├── 125525.R.flat.59k_fs_LR.surf.gii
│   │   ├── 125525.R.inflated_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.R.midthickness_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.R.pial_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.R.sphere.59k_fs_LR.surf.gii
│   │   ├── 125525.R.very_inflated_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.R.white_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   │   ├── 125525.SmoothedMyelinMap_BC_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.SphericalDistortion_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainJ_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainR_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   ├── 125525.sulc_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   │   └── 125525.thickness_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
│   ├── Head.nii.gz
│   ├── Native
│   │   ├── 125525.aparc.a2009s.native.dlabel.nii
│   │   ├── 125525.aparc.native.dlabel.nii
│   │   ├── 125525.ArealDistortion_MSMAll.native.dscalar.nii
│   │   ├── 125525.BiasField_MSMAll.native.dscalar.nii
```

```
│   │   ├── 125525.corrThickness.native.dscalar.nii
│   │   ├── 125525.curvature.native.dscalar.nii
│   │   ├── 125525.EdgeDistortion_MSMAll.native.dscalar.nii
│   │   ├── 125525.L.atlasroi.native.shape.gii
│   │   ├── 125525.L.inflated.native.surf.gii
│   │   ├── 125525.L.midthickness.native.surf.gii
│   │   ├── 125525.L.pial.native.surf.gii
│   │   ├── 125525.L.roi.native.shape.gii
│   │   ├── 125525.L.sphere.MSMAll.native.surf.gii
│   │   ├── 125525.L.sphere.native.surf.gii
│   │   ├── 125525.L.very_inflated.native.surf.gii
│   │   ├── 125525.L.white.native.surf.gii
│   │   ├── 125525.MyelinMap_BC_MSMAll.native.dscalar.nii
│   │   ├── 125525.MyelinMap.native.dscalar.nii
│   │   ├── 125525.native.wb.spec
│   │   ├── 125525.R.atlasroi.native.shape.gii
│   │   ├── 125525.R.inflated.native.surf.gii
│   │   ├── 125525.R.midthickness.native.surf.gii
│   │   ├── 125525.R.pial.native.surf.gii
│   │   ├── 125525.R.roi.native.shape.gii
│   │   ├── 125525.R.sphere.MSMAll.native.surf.gii
│   │   ├── 125525.R.sphere.native.surf.gii
│   │   ├── 125525.R.very_inflated.native.surf.gii
│   │   ├── 125525.R.white.native.surf.gii
│   │   ├── 125525.SmoothedMyelinMap_BC_MSMAll.native.dscalar.nii
│   │   ├── 125525.SmoothedMyelinMap.native.dscalar.nii
│   │   ├── 125525.SphericalDistortion.native.dscalar.nii
│   │   ├── 125525.StrainJ_MSMAll.native.dscalar.nii
│   │   ├── 125525.StrainR_MSMAll.native.dscalar.nii
│   │   ├── 125525.sulc.native.dscalar.nii
│   │   └── 125525.thickness.native.dscalar.nii
│   ├── rAFI_Atlas.nii.gz
│   ├── ReceiveFieldCorrection_Atlas.nii.gz
│   ├── ribbon.nii.gz
│   ├── ROIs
│   │   ├── Atlas_ROIs.1.60.nii.gz
│   │   ├── Atlas_ROIs.2.nii.gz
│   │   ├── Atlas_wmparc.1.60.nii.gz
│   │   ├── Atlas_wmparc.2.nii.gz
│   │   ├── MissingGrayordinates.1.60.nii.gz
│   │   ├── MissingGrayordinates.1.60.txt
│   │   ├── MissingGrayordinates.2.nii.gz
│   │   ├── MissingGrayordinates.2.txt
│   │   ├── ROIs.1.60.nii.gz
│   │   ├── ROIs.2.nii.gz
│   │   ├── wmparc.1.60.nii.gz
```

```
│   │   └── wmparc.2.nii.gz
│   ├── StructuralQC
│   │   ├── 125525.NonlinearRegJacobians_FNIRT.164k_fs_LR.dscalar.nii
│   │   ├── 125525.NonlinearRegJacobians_log2.nii.gz
│   │   ├── 125525.T1w_acpc_dc_restore_to_MNILinear.nii.gz
│   │   ├── MNI152_T1_0.8mm.nii.gz
│   │   ├── S1200.MyelinMap_BC_MSMAll.164k_fs_LR.dscalar.nii
│   │   ├── S1200.sulc_MSMAll.164k_fs_LR.dscalar.nii
│   │   └── snapshots
│   │       ├── 125525.structuralQC.wb_scene1.png
│   │       ├── 125525.structuralQC.wb_scene2.png
│   │       ├── 125525.structuralQC.wb_scene3.png
│   │       └── 125525.structuralQC.wb_scene4.png
│   ├── T1wDividedByT2w_Atlas.nii.gz
│   ├── T1wDividedByT2w_Corr_Atlas.nii.gz
│   ├── T1w.nii.gz
│   ├── T1w_restore.1.60.nii.gz
│   ├── T1w_restore.2.nii.gz
│   ├── T1w_restore_brain.nii.gz
│   ├── T1w_restore.nii.gz
│   ├── T2w.nii.gz
│   ├── T2w_restore.1.60.nii.gz
│   ├── T2w_restore.2.nii.gz
│   ├── T2w_restore_brain.nii.gz
│   ├── T2w_restore.nii.gz
│   ├── veins.nii.gz
│   ├── wmparc.nii.gz
│   └── xfms
│       ├── acpc_dc2standard.nii.gz
│       └── standard2acpc_dc.nii.gz
└── T1w
    ├── AFI.nii.gz
    ├── AFI_orig.nii.gz
    ├── AFI_stats.txt
    ├── aparc.a2009s+aseg.nii.gz
    ├── aparc+aseg.nii.gz
    ├── BiasField_acpc_dc.nii.gz
    ├── brainmask_fs.nii.gz
    ├── fsaverage_LR32k
    │   ├── 125525.L.inflated_MSMAll.32k_fs_LR.surf.gii
    │   ├── 125525.L.midthickness_MSMAll.32k_fs_LR.surf.gii
    │   ├── 125525.L.midthickness_MSMAll_va.32k_fs_LR.shape.gii
    │   ├── 125525.L.pial_MSMAll.32k_fs_LR.surf.gii
    │   ├── 125525.L.very_inflated_MSMAll.32k_fs_LR.surf.gii
    │   ├── 125525.L.white_MSMAll.32k_fs_LR.surf.gii
    │   ├── 125525.midthickness_MSMAll_va.32k_fs_LR.dscalar.nii
```

```
│   ├── 125525.midthickness_MSMAll_va_norm.32k_fs_LR.dscalar.nii
│   ├── 125525.MSMAll.32k_fs_LR.wb.spec
│   ├── 125525.R.inflated_MSMAll.32k_fs_LR.surf.gii
│   ├── 125525.R.midthickness_MSMAll.32k_fs_LR.surf.gii
│   ├── 125525.R.midthickness_MSMAll_va.32k_fs_LR.shape.gii
│   ├── 125525.R.pial_MSMAll.32k_fs_LR.surf.gii
│   ├── 125525.R.very_inflated_MSMAll.32k_fs_LR.surf.gii
│   └── 125525.R.white_MSMAll.32k_fs_LR.surf.gii
├── fsaverage_LR59k
│   ├── 125525.1.6mm_MSMAll.59k_fs_LR.wb.spec
│   ├── 125525.L.inflated_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   ├── 125525.L.midthickness_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   ├── 125525.L.midthickness_1.6mm_MSMAll_va.59k_fs_LR.shape.gii
│   ├── 125525.L.pial_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   ├── 125525.L.very_inflated_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   ├── 125525.L.white_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   ├── 125525.midthickness_1.6mm_MSMAll_va.59k_fs_LR.dscalar.nii
│   ├── 125525.midthickness_1.6mm_MSMAll_va_norm.59k_fs_LR.dscalar.nii
│   ├── 125525.R.inflated_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   ├── 125525.R.midthickness_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   ├── 125525.R.midthickness_1.6mm_MSMAll_va.59k_fs_LR.shape.gii
│   ├── 125525.R.pial_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   ├── 125525.R.very_inflated_1.6mm_MSMAll.59k_fs_LR.surf.gii
│   └── 125525.R.white_1.6mm_MSMAll.59k_fs_LR.surf.gii
├── Head.nii.gz
├── Native
│   ├── 125525.L.inflated.native.surf.gii
│   ├── 125525.L.midthickness.native.surf.gii
│   ├── 125525.L.pial.native.surf.gii
│   ├── 125525.L.very_inflated.native.surf.gii
│   ├── 125525.L.white.native.surf.gii
│   ├── 125525.native.wb.spec
│   ├── 125525.R.inflated.native.surf.gii
│   ├── 125525.R.midthickness.native.surf.gii
│   ├── 125525.R.pial.native.surf.gii
│   ├── 125525.R.very_inflated.native.surf.gii
│   └── 125525.R.white.native.surf.gii
├── rAFI.nii.gz
├── ReceiveFieldCorrection.nii.gz
├── ribbon.nii.gz
├── T1w_acpc_dc.nii.gz
├── T1w_acpc_dc_restore_brain.nii.gz
├── T1w_acpc_dc_restore.nii.gz
├── T1wDividedByT2w_Corr.nii.gz
├── T1wDividedByT2w_Corr_ribbon.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
```

Structural Preprocessed Extended

This package contains additional structural preprocessing files, including outputs of MSMSulc registration, FreeSurfer and other extra files, including outputs at 2.0mm/32k (suitable for 3T functional analysis) and 1.6mm/59k resolution (suitable for 7T analysis), that may be useful to select users. It contains outputs of the HCP Structural Preprocessing pipeline, which is the result of applying PreFreeSurferPipeline, FreeSurferPipeline, PostFreeSurferPipeline, MSMAllPipeline, and the Pseudo Transmit Field Correction of T1w/T2w myelin maps.

StructuralExtended

```
125525
├── MNINonLinear
│   ├── 125525.164k_fs_LR.wb.spec
│   ├── 125525.aparc.164k_fs_LR.dlabel.nii
│   ├── 125525.aparc.a2009s.164k_fs_LR.dlabel.nii
│   ├── 125525.ArealDistortion_FS.164k_fs_LR.dscalar.nii
│   ├── 125525.ArealDistortion_MSMAll_InitalReg_2_d40_WRN.164k_fs_LR.dscalar.nii
│   ├── 125525.ArealDistortion_MSMSulc.164k_fs_LR.dscalar.nii
│   ├── 125525.BA.164k_fs_LR.dlabel.nii
│   ├── 125525.corrThickness.164k_fs_LR.dscalar.nii
│   ├── 125525.curvature.164k_fs_LR.dscalar.nii
│   ├── 125525.EdgeDistortion_FS.164k_fs_LR.dscalar.nii
│   ├── 125525.EdgeDistortion_MSMAll_InitalReg_2_d40_WRN.164k_fs_LR.dscalar.nii
│   ├── 125525.EdgeDistortion_MSMSulc.164k_fs_LR.dscalar.nii
│   ├── 125525.L.aparc.164k_fs_LR.label.gii
│   ├── 125525.L.aparc.a2009s.164k_fs_LR.label.gii
│   ├── 125525.L.ArealDistortion_FS.164k_fs_LR.shape.gii
│   ├── 125525.L.ArealDistortion_MSMSulc.164k_fs_LR.shape.gii
│   ├── 125525.L.corrThickness.164k_fs_LR.shape.gii
│   ├── 125525.L.curvature.164k_fs_LR.shape.gii
│   ├── 125525.L.inflated.164k_fs_LR.surf.gii
│   ├── 125525.L.midthickness.164k_fs_LR.surf.gii
│   ├── 125525.L.MyelinMap.164k_fs_LR.func.gii
│   ├── 125525.L.MyelinMap_BC.164k_fs_LR.func.gii
│   ├── 125525.L.pial.164k_fs_LR.surf.gii
│   ├── 125525.L.RefMyelinMap.164k_fs_LR.func.gii
```

```
|   ├── 125525.L.refsulc.164k_fs_LR.shape.gii
|   ├── 125525.L.SmoothedMyelinMap.164k_fs_LR.func.gii
|   ├── 125525.L.SmoothedMyelinMap_BC.164k_fs_LR.func.gii
|   ├── 125525.L.sulc.164k_fs_LR.shape.gii
|   ├── 125525.L.thickness.164k_fs_LR.shape.gii
|   ├── 125525.L.very_inflated.164k_fs_LR.surf.gii
|   ├── 125525.L.white.164k_fs_LR.surf.gii
|   ├── 125525.MyelinMap.164k_fs_LR.dscalar.nii
|   ├── 125525.MyelinMap_BC.164k_fs_LR.dscalar.nii
|   ├── 125525.MyelinMap_BC_MSMAll_InitalReg_2_d40_WRN.164k_fs_LR.dscalar.nii
|   ├── 125525.R.aparc.164k_fs_LR.label.gii
|   ├── 125525.R.aparc.a2009s.164k_fs_LR.label.gii
|   ├── 125525.R.ArealDistortion_FS.164k_fs_LR.shape.gii
|   ├── 125525.R.ArealDistortion_MSMSulc.164k_fs_LR.shape.gii
|   ├── 125525.R.corrThickness.164k_fs_LR.shape.gii
|   ├── 125525.R.curvature.164k_fs_LR.shape.gii
|   ├── 125525.R.inflated.164k_fs_LR.surf.gii
|   ├── 125525.R.midthickness.164k_fs_LR.surf.gii
|   ├── 125525.R.MyelinMap.164k_fs_LR.func.gii
|   ├── 125525.R.MyelinMap_BC.164k_fs_LR.func.gii
|   ├── 125525.R.pial.164k_fs_LR.surf.gii
|   ├── 125525.R.RefMyelinMap.164k_fs_LR.func.gii
|   ├── 125525.R.refsulc.164k_fs_LR.shape.gii
|   ├── 125525.R.SmoothedMyelinMap.164k_fs_LR.func.gii
|   ├── 125525.R.SmoothedMyelinMap_BC.164k_fs_LR.func.gii
|   ├── 125525.R.sulc.164k_fs_LR.shape.gii
|   ├── 125525.R.thickness.164k_fs_LR.shape.gii
|   ├── 125525.R.very_inflated.164k_fs_LR.surf.gii
|   ├── 125525.R.white.164k_fs_LR.surf.gii
|   ├── 125525.SmoothedMyelinMap.164k_fs_LR.dscalar.nii
|   ├── 125525.SmoothedMyelinMap_BC.164k_fs_LR.dscalar.nii
|   ├── 125525.SphericalDistortion_MSMAll_InitalReg_2_d40_WRN.164k_fs_LR.dscalar.nii
|   ├── 125525.StrainJ_FS.164k_fs_LR.dscalar.nii
|   ├── 125525.StrainJ_MSMAll_InitalReg_2_d40_WRN.164k_fs_LR.dscalar.nii
|   ├── 125525.StrainJ_MSMSulc.164k_fs_LR.dscalar.nii
|   ├── 125525.StrainR_FS.164k_fs_LR.dscalar.nii
|   ├── 125525.StrainR_MSMAll_InitalReg_2_d40_WRN.164k_fs_LR.dscalar.nii
|   ├── 125525.StrainR_MSMSulc.164k_fs_LR.dscalar.nii
|   ├── 125525.sulc.164k_fs_LR.dscalar.nii
|   ├── 125525.sulc_MSMAll_InitalReg_2_d40_WRN.164k_fs_LR.dscalar.nii
|   ├── 125525.thickness.164k_fs_LR.dscalar.nii
|   ├── fsaverage_LR32k
|   |   ├── 125525.32k_fs_LR.wb.spec
|   |   ├── 125525.aparc.32k_fs_LR.dlabel.nii
|   |   ├── 125525.aparc.a2009s.32k_fs_LR.dlabel.nii
|   |   ├── 125525.ArealDistortion_FS.32k_fs_LR.dscalar.nii
```

```
|   |   ├── 125525.ArealDistortion_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.dscalar.nii
|   |   ├── 125525.ArealDistortion_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
|   |   ├── 125525.ArealDistortion_MSMSulc.32k_fs_LR.dscalar.nii
|   |   ├── 125525.atlas_MyelinMap_BC.32k_fs_LR.dscalar.nii
|   |   ├── 125525.atlas_RSNs_d40.32k_fs_LR.dscalar.nii
|   |   ├── 125525.atlas_Topographic_ROIs.32k_fs_LR.dscalar.nii
|   |   ├── 125525.atlas_Topography.32k_fs_LR.dscalar.nii
|   |   ├── 125525.BA.32k_fs_LR.dlabel.nii
|   |   ├── 125525.BiasField_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.dscalar.nii
|   |   ├── 125525.BiasField_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
|   |   ├── 125525.BiasField_MSMSulc.32k_fs_LR.dscalar.nii
|   |   ├── 125525.corrThickness.32k_fs_LR.dscalar.nii
|   |   ├── 125525.curvature.32k_fs_LR.dscalar.nii
|   |   ├── 125525.EdgeDistortion_FS.32k_fs_LR.dscalar.nii
|   |   ├── 125525.EdgeDistortion_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
|   |   ├── 125525.EdgeDistortion_MSMSulc.32k_fs_LR.dscalar.nii
|   |   ├── 125525.individual_RSNs_d40_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.dscalar.nii
|   |   ├── 125525.individual_RSNs_d40_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
|   |   ├── 125525.individual_RSNs_d40_MSMSulc.32k_fs_LR.dscalar.nii
|   |   ├── 125525.individual_RSNs_d40_weights.32k_fs_LR.dscalar.nii
|   |   ├── 125525.individual_Topography_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.dscalar.nii
|   |   ├── 125525.individual_Topography_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
|   |   ├── 125525.individual_Topography_weights.32k_fs_LR.dscalar.nii
|   |   ├── 125525.L.aparc.32k_fs_LR.label.gii
|   |   ├── 125525.L.aparc.a2009s.32k_fs_LR.label.gii
|   |   ├── 125525.L.ArealDistortion_FS.32k_fs_LR.shape.gii
|   |   ├── 125525.L.ArealDistortion_MSMSulc.32k_fs_LR.shape.gii
|   |   ├── 125525.L.atlas_MyelinMap_BC.32k_fs_LR.func.gii
|   |   ├── 125525.L.atlasroi_inv.32k_fs_LR.shape.gii
|   |   ├── 125525.L.atlas_RSNs_d40.32k_fs_LR.func.gii
|   |   ├── 125525.L.atlas_Topography.32k_fs_LR.func.gii
|   |   ├── 125525.L.BiasField_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.func.gii
|   |   ├── 125525.L.BiasField_MSMSulc.32k_fs_LR.func.gii
|   |   ├── 125525.L.corrThickness.32k_fs_LR.shape.gii
|   |   ├── 125525.L.curvature.32k_fs_LR.shape.gii
|   |   ├── 125525.L.individual_RSNs_d40_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.func.gii
|   |   ├── 125525.L.individual_RSNs_d40_MSMSulc.32k_fs_LR.func.gii
|   |   ├── 125525.L.individual_RSNs_d40_weights.32k_fs_LR.func.gii
|   |   ├── 125525.L.individual_Topography_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.func.gii
|   |   ├── 125525.L.individual_Topography_weights.32k_fs_LR.func.gii
|   |   ├── 125525.L.inflated.32k_fs_LR.surf.gii
|   |   ├── 125525.L.midthickness.32k_fs_LR.surf.gii
|   |   ├── 125525.L.Modalities_1.32k_fs_LR.func.gii
|   |   ├── 125525.L.Modalities_1_weights.32k_fs_LR.func.gii
|   |   ├── 125525.L.Modalities_2.32k_fs_LR.func.gii
|   |   ├── 125525.L.Modalities_2_weights.32k_fs_LR.func.gii
```

```
│   │   ├── 125525.L.MyelinMap.32k_fs_LR.func.gii
│   │   ├── 125525.L.MyelinMap_BC.32k_fs_LR.func.gii
│   │   ├── 125525.L.norm_atlas_MyelinMap_BC.32k_fs_LR.func.gii
│   │   ├── 125525.L.norm_atlas_RSNs_d40.32k_fs_LR.func.gii
│   │   ├── 125525.L.norm_atlas_Topography.32k_fs_LR.func.gii
│   │   ├── 125525.L.norm_MyelinMap_BC.32k_fs_LR.func.gii
│   │   ├── 125525.L.pial.32k_fs_LR.surf.gii
│   │   ├── 125525.L.ReceiveFieldCorrection_MSMAll.32k_fs_LR.func.gii
│   │   ├── 125525.L.SmoothedMyelinMap.32k_fs_LR.func.gii
│   │   ├── 125525.L.SmoothedMyelinMap_BC.32k_fs_LR.func.gii
│   │   ├── 125525.L.sphere.MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.surf.gii
│   │   ├── 125525.L.sphere.MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.surf.gii
│   │   ├── 125525.L.sphere.MSMSulc.32k_fs_LR.surf.gii
│   │   ├── 125525.L.sulc.32k_fs_LR.shape.gii
│   │   ├── 125525.L.thickness.32k_fs_LR.shape.gii
│   │   ├── 125525.L.very_inflated.32k_fs_LR.surf.gii
│   │   ├── 125525.L.white.32k_fs_LR.surf.gii
│   │   ├── 125525.MyelinMap.32k_fs_LR.dscalar.nii
│   │   ├── 125525.MyelinMap_BC.32k_fs_LR.dscalar.nii
│   │   ├── 125525.MyelinMap_BC_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
│   │   ├── 125525.MyelinMap_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.dscalar.nii
│   │   ├── 125525.MyelinMap_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
│   │   ├── 125525.MyelinMap_MSMSulc.32k_fs_LR.dscalar.nii
│   │   ├── 125525.R.aparc.32k_fs_LR.label.gii
│   │   ├── 125525.R.aparc.a2009s.32k_fs_LR.label.gii
│   │   ├── 125525.R.ArealDistortion_FS.32k_fs_LR.shape.gii
│   │   ├── 125525.R.ArealDistortion_MSMSulc.32k_fs_LR.shape.gii
│   │   ├── 125525.R.atlas_MyelinMap_BC.32k_fs_LR.func.gii
│   │   ├── 125525.R.atlasroi_inv.32k_fs_LR.shape.gii
│   │   ├── 125525.R.atlas_RSNs_d40.32k_fs_LR.func.gii
│   │   ├── 125525.R.atlas_Topography.32k_fs_LR.func.gii
│   │   ├── 125525.R.BiasField_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.func.gii
│   │   ├── 125525.R.BiasField_MSMSulc.32k_fs_LR.func.gii
│   │   ├── 125525.R.corrThickness.32k_fs_LR.shape.gii
│   │   ├── 125525.R.curvature.32k_fs_LR.shape.gii
│   │   ├── 125525.R.individual_RSNs_d40_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.func.gii
│   │   ├── 125525.R.individual_RSNs_d40_MSMSulc.32k_fs_LR.func.gii
│   │   ├── 125525.R.individual_RSNs_d40_weights.32k_fs_LR.func.gii
│   │   ├── 125525.R.individual_Topography_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.func.gii
│   │   ├── 125525.R.individual_Topography_weights.32k_fs_LR.func.gii
│   │   ├── 125525.R.inflated.32k_fs_LR.surf.gii
│   │   ├── 125525.R.midthickness.32k_fs_LR.surf.gii
│   │   ├── 125525.R.Modalities_1.32k_fs_LR.func.gii
│   │   ├── 125525.R.Modalities_1_weights.32k_fs_LR.func.gii
│   │   ├── 125525.R.Modalities_2.32k_fs_LR.func.gii
│   │   ├── 125525.R.Modalities_2_weights.32k_fs_LR.func.gii
```

```
│   │   ├── 125525.R.MyelinMap.32k_fs_LR.func.gii
│   │   ├── 125525.R.MyelinMap_BC.32k_fs_LR.func.gii
│   │   ├── 125525.R.norm_atlas_MyelinMap_BC.32k_fs_LR.func.gii
│   │   ├── 125525.R.norm_atlas_RSNs_d40.32k_fs_LR.func.gii
│   │   ├── 125525.R.norm_atlas_Topography.32k_fs_LR.func.gii
│   │   ├── 125525.R.norm_MyelinMap_BC.32k_fs_LR.func.gii
│   │   ├── 125525.R.pial.32k_fs_LR.surf.gii
│   │   ├── 125525.R.ReceiveFieldCorrection_MSMAll.32k_fs_LR.func.gii
│   │   ├── 125525.R.SmoothedMyelinMap.32k_fs_LR.func.gii
│   │   ├── 125525.R.SmoothedMyelinMap_BC.32k_fs_LR.func.gii
│   │   ├── 125525.R.sphere.MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.surf.gii
│   │   ├── 125525.R.sphere.MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.surf.gii
│   │   ├── 125525.R.sphere.MSMSulc.32k_fs_LR.surf.gii
│   │   ├── 125525.R.sulc.32k_fs_LR.shape.gii
│   │   ├── 125525.R.thickness.32k_fs_LR.shape.gii
│   │   ├── 125525.R.very_inflated.32k_fs_LR.surf.gii
│   │   ├── 125525.R.white.32k_fs_LR.surf.gii
│   │   ├── 125525.SmoothedMyelinMap.32k_fs_LR.dscalar.nii
│   │   ├── 125525.SmoothedMyelinMap_BC.32k_fs_LR.dscalar.nii
│   │   ├── 125525.SphericalDistortion_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainJ_FS.32k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainJ_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainJ_MSMSulc.32k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainR_FS.32k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainR_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainR_MSMSulc.32k_fs_LR.dscalar.nii
│   │   ├── 125525.sulc.32k_fs_LR.dscalar.nii
│   │   ├── 125525.sulc_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.dscalar.nii
│   │   └── 125525.thickness.32k_fs_LR.dscalar.nii
│   ├── fsaverage_LR59k
│   │   ├── 125525.59k_fs_LR.wb.spec
│   │   ├── 125525.aparc.59k_fs_LR.dlabel.nii
│   │   ├── 125525.aparc.a2009s.59k_fs_LR.dlabel.nii
│   │   ├── 125525.ArealDistortion_FS.59k_fs_LR.dscalar.nii
│   │   ├── 125525.ArealDistortion_MSMSulc.59k_fs_LR.dscalar.nii
│   │   ├── 125525.BA.59k_fs_LR.dlabel.nii
│   │   ├── 125525.corrThickness.59k_fs_LR.dscalar.nii
│   │   ├── 125525.curvature.59k_fs_LR.dscalar.nii
│   │   ├── 125525.EdgeDistortion_FS.59k_fs_LR.dscalar.nii
│   │   ├── 125525.EdgeDistortion_MSMSulc.59k_fs_LR.dscalar.nii
│   │   ├── 125525.L.aparc.59k_fs_LR.label.gii
│   │   ├── 125525.L.aparc.a2009s.59k_fs_LR.label.gii
│   │   ├── 125525.L.ArealDistortion_FS.59k_fs_LR.shape.gii
│   │   ├── 125525.L.ArealDistortion_MSMSulc.59k_fs_LR.shape.gii
│   │   ├── 125525.L.corrThickness.59k_fs_LR.shape.gii
│   │   ├── 125525.L.curvature.59k_fs_LR.shape.gii
```

```
│   │   ├── 125525.L.inflated.59k_fs_LR.surf.gii
│   │   ├── 125525.L.midthickness.59k_fs_LR.surf.gii
│   │   ├── 125525.L.MyelinMap.59k_fs_LR.func.gii
│   │   ├── 125525.L.MyelinMap_BC.59k_fs_LR.func.gii
│   │   ├── 125525.L.pial.59k_fs_LR.surf.gii
│   │   ├── 125525.L.SmoothedMyelinMap.59k_fs_LR.func.gii
│   │   ├── 125525.L.SmoothedMyelinMap_BC.59k_fs_LR.func.gii
│   │   ├── 125525.L.sulc.59k_fs_LR.shape.gii
│   │   ├── 125525.L.thickness.59k_fs_LR.shape.gii
│   │   ├── 125525.L.very_inflated.59k_fs_LR.surf.gii
│   │   ├── 125525.L.white.59k_fs_LR.surf.gii
│   │   ├── 125525.MyelinMap.59k_fs_LR.dscalar.nii
│   │   ├── 125525.MyelinMap_BC.59k_fs_LR.dscalar.nii
│   │   ├── 125525.R.aparc.59k_fs_LR.label.gii
│   │   ├── 125525.R.aparc.a2009s.59k_fs_LR.label.gii
│   │   ├── 125525.R.ArealDistortion_FS.59k_fs_LR.shape.gii
│   │   ├── 125525.R.ArealDistortion_MSMSulc.59k_fs_LR.shape.gii
│   │   ├── 125525.R.corrThickness.59k_fs_LR.shape.gii
│   │   ├── 125525.R.curvature.59k_fs_LR.shape.gii
│   │   ├── 125525.R.inflated.59k_fs_LR.surf.gii
│   │   ├── 125525.R.midthickness.59k_fs_LR.surf.gii
│   │   ├── 125525.R.MyelinMap.59k_fs_LR.func.gii
│   │   ├── 125525.R.MyelinMap_BC.59k_fs_LR.func.gii
│   │   ├── 125525.R.pial.59k_fs_LR.surf.gii
│   │   ├── 125525.R.SmoothedMyelinMap.59k_fs_LR.func.gii
│   │   ├── 125525.R.SmoothedMyelinMap_BC.59k_fs_LR.func.gii
│   │   ├── 125525.R.sulc.59k_fs_LR.shape.gii
│   │   ├── 125525.R.thickness.59k_fs_LR.shape.gii
│   │   ├── 125525.R.very_inflated.59k_fs_LR.surf.gii
│   │   ├── 125525.R.white.59k_fs_LR.surf.gii
│   │   ├── 125525.SmoothedMyelinMap.59k_fs_LR.dscalar.nii
│   │   ├── 125525.SmoothedMyelinMap_BC.59k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainJ_FS.59k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainJ_MSMSulc.59k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainR_FS.59k_fs_LR.dscalar.nii
│   │   ├── 125525.StrainR_MSMSulc.59k_fs_LR.dscalar.nii
│   │   ├── 125525.sulc.59k_fs_LR.dscalar.nii
│   │   └── 125525.thickness.59k_fs_LR.dscalar.nii
│   ├── GMWMTemplate.nii.gz
│   ├── Head.2.nii.gz
│   ├── LateralVentricles.nii.gz
│   ├── Native
│   │   ├── 125525.ArealDistortion_FS.native.dscalar.nii
│   │   ├── 125525.ArealDistortion_MSMAll_InitalReg_1_d40_WRN.native.dscalar.nii
│   │   ├── 125525.ArealDistortion_MSMAll_InitalReg_2_d40_WRN.native.dscalar.nii
│   │   ├── 125525.ArealDistortion_MSMSulc.native.dscalar.nii
```

```
│   │   ├── 125525.BA.native.dlabel.nii
│   │   ├── 125525.BiasField_MSMAll_InitalReg_2_d40_WRN.native.dscalar.nii
│   │   ├── 125525.EdgeDistortion_FS.native.dscalar.nii
│   │   ├── 125525.EdgeDistortion_MSMAll_InitalReg_2_d40_WRN.native.dscalar.nii
│   │   ├── 125525.EdgeDistortion_MSMSulc.native.dscalar.nii
│   │   ├── 125525.L.aparc.a2009s.native.label.gii
│   │   ├── 125525.L.aparc.native.label.gii
│   │   ├── 125525.L.ArealDistortion_FS.native.shape.gii
│   │   ├── 125525.L.ArealDistortion_MSMAll_InitalReg_1_d40_WRN.native.shape.gii
│   │   ├── 125525.L.ArealDistortion_MSMAll_InitalReg_2_d40_WRN.native.shape.gii
│   │   ├── 125525.L.ArealDistortion_MSMAll.native.shape.gii
│   │   ├── 125525.L.ArealDistortion_MSMSulc.native.shape.gii
│   │   ├── 125525.L.atlas_RSNs_d40.native.func.gii
│   │   ├── 125525.L.atlas_Topography.native.func.gii
│   │   ├── 125525.L.BiasField_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.L.BiasField_MSMSulc.native.func.gii
│   │   ├── 125525.L.BiasField.native.func.gii
│   │   ├── 125525.L.corrThickness.native.shape.gii
│   │   ├── 125525.L.curvature.native.shape.gii
│   │   ├── 125525.L.individual_RSNs_d40_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.L.individual_RSNs_d40_MSMSulc.native.func.gii
│   │   ├── 125525.L.individual_RSNs_d40_weights.native.func.gii
│   │   ├── 125525.L.individual_Topography_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.L.individual_Topography_weights.native.func.gii
│   │   ├── 125525.L.Modalities_1_MSMSulc.native.func.gii
│   │   ├── 125525.L.Modalities_1_weights.native.func.gii
│   │   ├── 125525.L.Modalities_2_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.L.Modalities_2_weights.native.func.gii
│   │   ├── 125525.L.MSMAll_InitalReg_1_d40_WRN_roi_inv.native.shape.gii
│   │   ├── 125525.L.MSMAll_InitalReg_1_d40_WRN_roi.native.shape.gii
│   │   ├── 125525.L.MSMSulc_roi_inv.native.shape.gii
│   │   ├── 125525.L.MSMSulc_roi.native.shape.gii
│   │   ├── 125525.L.MyelinMap_BC.native.func.gii
│   │   ├── 125525.L.MyelinMap.native.func.gii
│   │   ├── 125525.L.norm_individual_RSNs_d40_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.L.norm_individual_RSNs_d40_MSMSulc.native.func.gii
│   │   ├── 125525.L.norm_individual_Topography_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.L.norm_MyelinMap_BC_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.L.norm_MyelinMap_BC_MSMSulc.native.func.gii
│   │   ├── 125525.L.RefMyelinMap.native.func.gii
│   │   ├── 125525.L.SmoothedMyelinMap_BC.native.func.gii
│   │   ├── 125525.L.SmoothedMyelinMap.native.func.gii
│   │   ├── 125525.L.sphere.MSMAll_InitalReg_1_d40_WRN.native.surf.gii
│   │   ├── 125525.L.sphere.MSMAll_InitalReg_2_d40_WRN.native.surf.gii
│   │   ├── 125525.L.sphere.MSMSulc.native.surf.gii
│   │   ├── 125525.L.sphere.reg.native.surf.gii
```

```
│   │   ├── 125525.L.sphere.reg.reg_LR.native.surf.gii
│   │   ├── 125525.L.sphere.rot.native.surf.gii
│   │   ├── 125525.L.SphericalDistortion.native.shape.gii
│   │   ├── 125525.L.sulc.native.shape.gii
│   │   ├── 125525.L.thickness.native.shape.gii
│   │   ├── 125525.MyelinMap_BC_MSMAll_InitalReg_2_d40_WRN.native.dscalar.nii
│   │   ├── 125525.MyelinMap_BC.native.dscalar.nii
│   │   ├── 125525.R.aparc.a2009s.native.label.gii
│   │   ├── 125525.R.aparc.native.label.gii
│   │   ├── 125525.R.ArealDistortion_FS.native.shape.gii
│   │   ├── 125525.R.ArealDistortion_MSMAll_InitalReg_1_d40_WRN.native.shape.gii
│   │   ├── 125525.R.ArealDistortion_MSMAll_InitalReg_2_d40_WRN.native.shape.gii
│   │   ├── 125525.R.ArealDistortion_MSMAll.native.shape.gii
│   │   ├── 125525.R.ArealDistortion_MSMSulc.native.shape.gii
│   │   ├── 125525.R.atlas_RSNs_d40.native.func.gii
│   │   ├── 125525.R.atlas_Topography.native.func.gii
│   │   ├── 125525.R.BiasField_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.R.BiasField_MSMSulc.native.func.gii
│   │   ├── 125525.R.BiasField.native.func.gii
│   │   ├── 125525.R.corrThickness.native.shape.gii
│   │   ├── 125525.R.curvature.native.shape.gii
│   │   ├── 125525.R.individual_RSNs_d40_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.R.individual_RSNs_d40_MSMSulc.native.func.gii
│   │   ├── 125525.R.individual_RSNs_d40_weights.native.func.gii
│   │   ├── 125525.R.individual_Topography_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.R.individual_Topography_weights.native.func.gii
│   │   ├── 125525.R.Modalities_1_MSMSulc.native.func.gii
│   │   ├── 125525.R.Modalities_1_weights.native.func.gii
│   │   ├── 125525.R.Modalities_2_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.R.Modalities_2_weights.native.func.gii
│   │   ├── 125525.R.MSMAll_InitalReg_1_d40_WRN_roi_inv.native.shape.gii
│   │   ├── 125525.R.MSMAll_InitalReg_1_d40_WRN_roi.native.shape.gii
│   │   ├── 125525.R.MSMSulc_roi_inv.native.shape.gii
│   │   ├── 125525.R.MSMSulc_roi.native.shape.gii
│   │   ├── 125525.R.MyelinMap_BC.native.func.gii
│   │   ├── 125525.R.MyelinMap.native.func.gii
│   │   ├── 125525.R.norm_individual_RSNs_d40_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.R.norm_individual_RSNs_d40_MSMSulc.native.func.gii
│   │   ├── 125525.R.norm_individual_Topography_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.R.norm_MyelinMap_BC_MSMAll_InitalReg_1_d40_WRN.native.func.gii
│   │   ├── 125525.R.norm_MyelinMap_BC_MSMSulc.native.func.gii
│   │   ├── 125525.R.RefMyelinMap.native.func.gii
│   │   ├── 125525.R.SmoothedMyelinMap_BC.native.func.gii
│   │   ├── 125525.R.SmoothedMyelinMap.native.func.gii
│   │   ├── 125525.R.sphere.MSMAll_InitalReg_1_d40_WRN.native.surf.gii
│   │   ├── 125525.R.sphere.MSMAll_InitalReg_2_d40_WRN.native.surf.gii
```

```
│   │   ├── 125525.R.sphere.MSMSulc.native.surf.gii
│   │   ├── 125525.R.sphere.reg.native.surf.gii
│   │   ├── 125525.R.sphere.reg.reg_LR.native.surf.gii
│   │   ├── 125525.R.sphere.rot.native.surf.gii
│   │   ├── 125525.R.SphericalDistortion.native.shape.gii
│   │   ├── 125525.R.sulc.native.shape.gii
│   │   ├── 125525.R.thickness.native.shape.gii
│   │   ├── 125525.SmoothedMyelinMap_BC.native.dscalar.nii
│   │   ├── 125525.StrainJ_FS.native.dscalar.nii
│   │   ├── 125525.StrainJ_MSMAll_InitalReg_2_d40_WRN.native.dscalar.nii
│   │   ├── 125525.StrainJ_MSMSulc.native.dscalar.nii
│   │   ├── 125525.StrainR_FS.native.dscalar.nii
│   │   ├── 125525.StrainR_MSMAll_InitalReg_2_d40_WRN.native.dscalar.nii
│   │   └── 125525.StrainR_MSMSulc.native.dscalar.nii
│   ├── PureCSF.nii.gz
│   ├── ReceiveFieldCorrection.2.nii.gz
│   ├── ReceiveFieldCorrection.nii.gz
│   ├── ROIs
│   │   ├── brainmask_fs.2.nii.gz
│   │   ├── CSFReg.1.60.nii.gz
│   │   ├── CSFReg.2.nii.gz
│   │   ├── GMWMTemplate.2.nii.gz
│   │   ├── VolumeSmoothROIs.1.60.nii.gz
│   │   ├── VolumeSmoothROIs.2.nii.gz
│   │   ├── WMReg.1.60.nii.gz
│   │   └── WMReg.2.nii.gz
│   ├── StructuralQC
│   │   └── 125525.structuralQC.wb_scene
│   ├── T1wDividedByT2w.nii.gz
│   └── xfms
│       ├── acpc2MNILinear.mat
│       └── NonlinearRegJacobians.nii.gz
└── T1w
    ├── 125525
    │   ├── label
    │   │   ├── aparc.annot.a2009s.ctab
    │   │   ├── aparc.annot.ctab
    │   │   ├── aparc.annot.DKTatlas40.ctab
    │   │   ├── BA.ctab
    │   │   ├── BA.thresh.ctab
    │   │   ├── lh.aparc.a2009s.annot
    │   │   ├── lh.aparc.annot
    │   │   ├── lh.aparc.DKTatlas40.annot
    │   │   ├── lh.BA1.label
    │   │   ├── lh.BA1.thresh.label
    │   │   ├── lh.BA2.label
```

```
    │   │   ├── lh.BA2.thresh.label
    │   │   ├── lh.BA3a.label
    │   │   ├── lh.BA3a.thresh.label
    │   │   ├── lh.BA3b.label
    │   │   ├── lh.BA3b.thresh.label
    │   │   ├── lh.BA44.label
    │   │   ├── lh.BA44.thresh.label
    │   │   ├── lh.BA45.label
    │   │   ├── lh.BA45.thresh.label
    │   │   ├── lh.BA4a.label
    │   │   ├── lh.BA4a.thresh.label
    │   │   ├── lh.BA4p.label
    │   │   ├── lh.BA4p.thresh.label
    │   │   ├── lh.BA6.label
    │   │   ├── lh.BA6.thresh.label
    │   │   ├── lh.BA.annot
    │   │   ├── lh.BA.thresh.annot
    │   │   ├── lh.cortex.deformed.label
    │   │   ├── lh.cortex.label
    │   │   ├── lh.cortex.prehires.label
    │   │   ├── lh.entorhinal_exvivo.label
    │   │   ├── lh.MT.label
    │   │   ├── lh.MT.thresh.label
    │   │   ├── lh.perirhinal.label
    │   │   ├── lh.V1.label
    │   │   ├── lh.V1.thresh.label
    │   │   ├── lh.V2.label
    │   │   ├── lh.V2.thresh.label
    │   │   ├── rh.aparc.a2009s.annot
    │   │   ├── rh.aparc.annot
    │   │   ├── rh.aparc.DKTatlas40.annot
    │   │   ├── rh.BA1.label
    │   │   ├── rh.BA1.thresh.label
    │   │   ├── rh.BA2.label
    │   │   ├── rh.BA2.thresh.label
    │   │   ├── rh.BA3a.label
    │   │   ├── rh.BA3a.thresh.label
    │   │   ├── rh.BA3b.label
    │   │   ├── rh.BA3b.thresh.label
    │   │   ├── rh.BA44.label
    │   │   ├── rh.BA44.thresh.label
    │   │   ├── rh.BA45.label
    │   │   ├── rh.BA45.thresh.label
    │   │   ├── rh.BA4a.label
    │   │   ├── rh.BA4a.thresh.label
    │   │   ├── rh.BA4p.label
```

```
    │   │   ├── rh.BA4p.thresh.label
    │   │   ├── rh.BA6.label
    │   │   ├── rh.BA6.thresh.label
    │   │   ├── rh.BA.annot
    │   │   ├── rh.BA.thresh.annot
    │   │   ├── rh.cortex.deformed.label
    │   │   ├── rh.cortex.label
    │   │   ├── rh.cortex.prehires.label
    │   │   ├── rh.entorhinal_exvivo.label
    │   │   ├── rh.MT.label
    │   │   ├── rh.MT.thresh.label
    │   │   ├── rh.perirhinal.label
    │   │   ├── rh.V1.label
    │   │   ├── rh.V1.thresh.label
    │   │   ├── rh.V2.label
    │   │   └── rh.V2.thresh.label
    │   ├── mri
    │   │   ├── aparc.a2009s+aseg.mgz
    │   │   ├── aparc+aseg.mgz
    │   │   ├── aseg.auto.mgz
    │   │   ├── aseg.auto_noCCseg.label_intensities.txt
    │   │   ├── aseg.auto_noCCseg.mgz
    │   │   ├── aseg.hires.mgz
    │   │   ├── aseg.hires.nii.gz
    │   │   ├── aseg.mgz
    │   │   ├── brain.finalsurfs.mgz
    │   │   ├── brain.hires.mgz
    │   │   ├── brainmask.auto.mgz
    │   │   ├── brainmask.mgz
    │   │   ├── brain.mgz
    │   │   ├── c_ras.mat
    │   │   ├── ctrl_pts.mgz
    │   │   ├── dilribbon_inv.nii.gz
    │   │   ├── filled.hires.mgz
    │   │   ├── filled.mgz
    │   │   ├── lh.ribbon.mgz
    │   │   ├── lh.ribbon.nii.gz
    │   │   ├── mri_nu_correct.mni.log
    │   │   ├── mri_nu_correct.mni.log.bak
    │   │   ├── norm.mgz
    │   │   ├── nu.mgz
    │   │   ├── nu_noneck.mgz
    │   │   ├── orig
    │   │   │   └── 001.mgz
    │   │   ├── orig.mgz
    │   │   ├── orig_nu.log
```

```
    |   |   ├── orig_nu.mgz
    |   |   ├── rawavg.mgz
    |   |   ├── rh.ribbon.mgz
    |   |   ├── rh.ribbon.nii.gz
    |   |   ├── ribbon_inv.nii.gz
    |   |   ├── ribbon.mgz
    |   |   ├── ribbon.nii.gz
    |   |   ├── ribbon_s5.nii.gz
    |   |   ├── segment.dat
    |   |   ├── T1.mgz
    |   |   ├── T1w_hires.greynorm.mgz
    |   |   ├── T1w_hires.greynorm.nii.gz
    |   |   ├── T1w_hires.greynorm_ribbon.nii.gz
    |   |   ├── T1w_hires.masked.mgz
    |   |   ├── T1w_hires.masked.norm.mgz
    |   |   ├── T1w_hires.nii.gz
    |   |   ├── T1w_hires.norm_grey_myelin.nii.gz
    |   |   ├── T1w_hires.norm.mgz
    |   |   ├── T1w_hires.norm.nii.gz
    |   |   ├── T1w_hires.norm_ribbon_myelin.nii.gz
    |   |   ├── T1w_hires.norm_ribbon.nii.gz
    |   |   ├── T1wMulT2w_hires.nii.gz
    |   |   ├── T2w_hires.nii.gz
    |   |   ├── T2w_hires.norm.mgz
    |   |   ├── T2w_hires.norm.nii.gz
    |   |   ├── talairach.label_intensities.txt
    |   |   ├── talairach.log
    |   |   ├── talairach_with_skull_2.log
    |   |   ├── transforms
    |   |   |   ├── 1mm2hires.dat
    |   |   |   ├── cc_up.lta
    |   |   |   ├── eye.dat
    |   |   |   ├── hires21mm.dat
    |   |   |   ├── T2wtoT1w.dat
    |   |   |   ├── T2wtoT1w.dat.log
    |   |   |   ├── T2wtoT1w.dat.mincost
    |   |   |   ├── T2wtoT1w.dat.param
    |   |   |   ├── T2wtoT1w.dat.sum
    |   |   |   ├── T2wtoT1w.mat
    |   |   |   ├── talairach.auto.xfm
    |   |   |   ├── talairach_avi.log
    |   |   |   ├── talairach.lta
    |   |   |   ├── talairach.m3z
    |   |   |   ├── talairach.m3z.inv.x.mgz
    |   |   |   ├── talairach.m3z.inv.y.mgz
    |   |   |   ├── talairach.m3z.inv.z.mgz
```

```
│   │   │   ├── talairach_with_skull_2.lta
│   │   │   ├── talairach_with_skull.lta
│   │   │   ├── talairach.xfm
│   │   │   └── talsrcimg_to_711-2C_as_mni_average_305_t4_vox2vox.txt
│   │   ├── white.nii.gz
│   │   ├── wm.asegedit.mgz
│   │   ├── wm.hires.mgz
│   │   ├── wm.hires.nii.gz
│   │   ├── wm.mgz
│   │   ├── wmparc.mgz
│   │   └── wm.seg.mgz
│   ├── stats
│   │   ├── aseg.stats
│   │   ├── lh.aparc.a2009s.stats
│   │   ├── lh.aparc.DKTatlas40.stats
│   │   ├── lh.aparc.stats
│   │   ├── lh.BA.stats
│   │   ├── lh.BA.thresh.stats
│   │   ├── lh.curv.stats
│   │   ├── lh.entorhinal_exvivo.stats
│   │   ├── rh.aparc.a2009s.stats
│   │   ├── rh.aparc.DKTatlas40.stats
│   │   ├── rh.aparc.stats
│   │   ├── rh.BA.stats
│   │   ├── rh.BA.thresh.stats
│   │   ├── rh.curv.stats
│   │   ├── rh.entorhinal_exvivo.stats
│   │   └── wmparc.stats
│   ├── surf
│   │   ├── lh.area
│   │   ├── lh.area.deformed
│   │   ├── lh.area.mid
│   │   ├── lh.area.pial
│   │   ├── lh.area.pial.deformed
│   │   ├── lh.area.pial.T2
│   │   ├── lh.area.pial.T2.two
│   │   ├── lh.area.prehires
│   │   ├── lh.avg_curv
│   │   ├── lh.curv
│   │   ├── lh.curv.deformed
│   │   ├── lh.curv.pial
│   │   ├── lh.curv.pial.deformed
│   │   ├── lh.curv.pial.T2
│   │   ├── lh.curv.pial.T2.two
│   │   ├── lh.curv.prehires
│   │   ├── lh.defect_borders
```

```
    │   │   ├── lh.defect_chull
    │   │   ├── lh.defect_labels
    │   │   ├── lh.inflated
    │   │   ├── lh.inflated.H
    │   │   ├── lh.inflated.K
    │   │   ├── lh.inflated.nofix
    │   │   ├── lh.jacobian_white
    │   │   ├── lh.orig
    │   │   ├── lh.orig.nofix
    │   │   ├── lh.pial
    │   │   ├── lh.pial.deformed
    │   │   ├── lh.pial.nii.gz
    │   │   ├── lh.pial.one
    │   │   ├── lh.pial.preT2
    │   │   ├── lh.pial.preT2.two
    │   │   ├── lh.pial.surf.gii
    │   │   ├── lh.pial.T2
    │   │   ├── lh.pial.T2.two
    │   │   ├── lh.qsphere.nofix
    │   │   ├── lh.smoothwm
    │   │   ├── 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.nofix
    │   │   ├── lh.smoothwm.S.crv
    │   │   ├── lh.sphere
    │   │   ├── lh.sphere.reg
    │   │   ├── lh.sulc
    │   │   ├── lh.thickness
    │   │   ├── lh.thickness.deformed
    │   │   ├── lh.thickness.preT2
    │   │   ├── lh.thickness.T2
    │   │   ├── lh.thickness.T2.two
    │   │   ├── lh.volume
    │   │   ├── lh.white
    │   │   ├── lh.white.deformed
    │   │   ├── lh.white.hires
    │   │   ├── lh.white.nii.gz
    │   │   ├── lh.white.prehires
    │   │   ├── lh.white.surf.gii
    │   │   ├── rh.area
    │   │   ├── rh.area.deformed
```

```
    │   │   ├── rh.area.mid
    │   │   ├── rh.area.pial
    │   │   ├── rh.area.pial.deformed
    │   │   ├── rh.area.pial.T2
    │   │   ├── rh.area.pial.T2.two
    │   │   ├── rh.area.prehires
    │   │   ├── rh.avg_curv
    │   │   ├── rh.curv
    │   │   ├── rh.curv.deformed
    │   │   ├── rh.curv.pial
    │   │   ├── rh.curv.pial.deformed
    │   │   ├── rh.curv.pial.T2
    │   │   ├── rh.curv.pial.T2.two
    │   │   ├── rh.curv.prehires
    │   │   ├── rh.defect_borders
    │   │   ├── rh.defect_chull
    │   │   ├── rh.defect_labels
    │   │   ├── rh.inflated
    │   │   ├── rh.inflated.H
    │   │   ├── rh.inflated.K
    │   │   ├── rh.inflated.nofix
    │   │   ├── rh.jacobian_white
    │   │   ├── rh.orig
    │   │   ├── rh.orig.nofix
    │   │   ├── rh.pial
    │   │   ├── rh.pial.deformed
    │   │   ├── rh.pial.nii.gz
    │   │   ├── rh.pial.one
    │   │   ├── rh.pial.preT2
    │   │   ├── rh.pial.preT2.two
    │   │   ├── rh.pial.surf.gii
    │   │   ├── rh.pial.T2
    │   │   ├── rh.pial.T2.two
    │   │   ├── rh.qsphere.nofix
    │   │   ├── rh.smoothwm
    │   │   ├── rh.smoothwm.BE.crv
    │   │   ├── rh.smoothwm.C.crv
    │   │   ├── rh.smoothwm.FI.crv
    │   │   ├── rh.smoothwm.H.crv
    │   │   ├── rh.smoothwm.K1.crv
    │   │   ├── rh.smoothwm.K2.crv
    │   │   ├── rh.smoothwm.K.crv
    │   │   ├── rh.smoothwm.nofix
    │   │   ├── rh.smoothwm.S.crv
    │   │   ├── rh.sphere
    │   │   ├── rh.sphere.reg
```

```
    │   │   ├── rh.sulc
    │   │   ├── rh.thickness
    │   │   ├── rh.thickness.deformed
    │   │   ├── rh.thickness.preT2
    │   │   ├── rh.thickness.T2
    │   │   ├── rh.thickness.T2.two
    │   │   ├── rh.volume
    │   │   ├── rh.white
    │   │   ├── rh.white.deformed
    │   │   ├── rh.white.hires
    │   │   ├── rh.white.nii.gz
    │   │   ├── rh.white.prehires
    │   │   └── rh.white.surf.gii
    │   └── touch
    │       ├── aparc2aseg.touch
    │       ├── aparc.a2009s2aseg.touch
    │       ├── asegmerge.touch
    │       ├── ca_label.touch
    │       ├── ca_normalize.touch
    │       ├── ca_register_inv.touch
    │       ├── ca_register.touch
    │       ├── 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.jacobian_white.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_surface.touch
│       ├── mri_remove_neck.touch
│       ├── nu.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.jacobian_white.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_surface.touch
│       ├── segstats.touch
│       ├── skull_2.lta.touch
│       ├── talairach.touch
│       ├── wmaparc.stats.touch
│       ├── wmaparc.touch
│       └── wmsegment.touch
├── BadVoxels.nii.gz
├── fsaverage_LR32k
│   ├── 125525.32k_fs_LR.wb.spec
│   ├── 125525.L.inflated.32k_fs_LR.surf.gii
│   ├── 125525.L.midthickness.32k_fs_LR.surf.gii
│   ├── 125525.L.midthickness_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.surf.gii
│   ├── 125525.L.midthickness_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.surf.gii
│   ├── 125525.L.midthickness_va.32k_fs_LR.shape.gii
│   ├── 125525.L.pial.32k_fs_LR.surf.gii
│   ├── 125525.L.very_inflated.32k_fs_LR.surf.gii
│   ├── 125525.L.white.32k_fs_LR.surf.gii
│   ├── 125525.midthickness_va.32k_fs_LR.dscalar.nii
│   ├── 125525.midthickness_va_norm.32k_fs_LR.dscalar.nii
│   ├── 125525.R.inflated.32k_fs_LR.surf.gii
│   ├── 125525.R.midthickness.32k_fs_LR.surf.gii
│   ├── 125525.R.midthickness_MSMAll_InitalReg_1_d40_WRN.32k_fs_LR.surf.gii
│   ├── 125525.R.midthickness_MSMAll_InitalReg_2_d40_WRN.32k_fs_LR.surf.gii
```

```
│   ├── 125525.R.midthickness_va.32k_fs_LR.shape.gii
│   ├── 125525.R.pial.32k_fs_LR.surf.gii
│   ├── 125525.R.very_inflated.32k_fs_LR.surf.gii
│   └── 125525.R.white.32k_fs_LR.surf.gii
├── fsaverage_LR59k
│   ├── 125525.59k_fs_LR.wb.spec
│   ├── 125525.L.inflated.59k_fs_LR.surf.gii
│   ├── 125525.L.midthickness.59k_fs_LR.surf.gii
│   ├── 125525.L.midthickness_va.59k_fs_LR.shape.gii
│   ├── 125525.L.pial.59k_fs_LR.surf.gii
│   ├── 125525.L.very_inflated.59k_fs_LR.surf.gii
│   ├── 125525.L.white.59k_fs_LR.surf.gii
│   ├── 125525.midthickness_va.59k_fs_LR.dscalar.nii
│   ├── 125525.midthickness_va_norm.59k_fs_LR.dscalar.nii
│   ├── 125525.R.inflated.59k_fs_LR.surf.gii
│   ├── 125525.R.midthickness.59k_fs_LR.surf.gii
│   ├── 125525.R.midthickness_va.59k_fs_LR.shape.gii
│   ├── 125525.R.pial.59k_fs_LR.surf.gii
│   ├── 125525.R.very_inflated.59k_fs_LR.surf.gii
│   └── 125525.R.white.59k_fs_LR.surf.gii
├── GMWMTemplate.nii.gz
├── Head.2.nii.gz
├── Mean.nii.gz
├── ReceiveFieldCorrection.2.nii.gz
└── ROIs
    ├── brainmask_fs.2.nii.gz
    ├── CorpusCallosumTemplate.2.nii.gz
    ├── GMWMTemplate.2.nii.gz
    ├── HindBrainJunctionTemplate.2.nii.gz
    ├── HindBrainTemplate.2.nii.gz
    ├── L_GMWMTemplate.2.nii.gz
    ├── L_ThalamusTemplate.2.nii.gz
    ├── MidBrainConfig.2.nii.gz
    ├── R_GMWMTemplate.2.nii.gz
    ├── R_ThalamusTemplate.2.nii.gz
    ├── ThalamusJunctionTemplate.2.nii.gz
    └── wmparc.2.nii.gz
```

rfMRI 3T Preprocessed Recommended

This package contains recommended rfMRI files including spatial and temporal ICA-cleaned CIFTI files precisely aligned across subjects using the MSMAll multi-modal surface registration. It also contains NIFTI volumetric files that in some cases are appropriate to analyze together with the CIFTI files (e.g., to compare the two). Analyzing NIFTI volumetric files alone is NOT RECOMMENDED. It contains outputs of HCP Functional Preprocessing for resting state scans, which is the

result of applying GenericfMRIVolumeProcessingPipeline, GenericfMRISurfaceProcessingPipeline, hcp_fix_multi_run, sICA component reclassification, MSMAllPipeline, and tICAPipeline.

Rest3TRecommended

```
125525
└── MNINonLinear
    ├── fsaverage_LR32k
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_tICA_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_tICA_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_tICA_SR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_tICA_SR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_tICA_SRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WR_tICA_SRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_d82_WF6_WRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   └── 125525.rfMRI_REST_d82_WF6_WRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    └── Results
        ├── rfMRI_REST
        │   ├── rfMRI_REST_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
        │   ├── rfMRI_REST_Atlas_MSMAll_hp2000_clean_rclean_tclean_vn.dscalar.nii
        │   ├── rfMRI_REST_Atlas_MSMAll_mean.dscalar.nii
        │   ├── rfMRI_REST_brain_mask.nii.gz
        │   ├── rfMRI_REST_hp2000_clean_rclean_tclean.nii.gz
        │   ├── rfMRI_REST_hp2000_clean_rclean_tclean_vn.nii.gz
        │   ├── rfMRI_REST_mean.nii.gz
        │   ├── rfMRI_REST_Runs.csv
        │   └── rfMRI_REST_SBRef.nii.gz
        ├── rfMRI_REST1_LR
        │   ├── brainmask_fs.2.nii.gz
        │   ├── Movement_AbsoluteRMS_mean.txt
        │   ├── Movement_AbsoluteRMS.txt
        │   ├── Movement_Regressors.txt
        │   ├── Movement_RelativeRMS_mean.txt
        │   ├── Movement_RelativeRMS.txt
        │   ├── rfMRI_REST1_LR_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
        │   ├── rfMRI_REST1_LR_Atlas_MSMAll_mean.dscalar.nii
        │   ├── rfMRI_REST1_LR_dropouts.nii.gz
        │   ├── rfMRI_REST1_LR_hp2000_clean_rclean_tclean.nii.gz
        │   ├── rfMRI_REST1_LR_Jacobian.nii.gz
        │   ├── rfMRI_REST1_LR_mean.nii.gz
        │   ├── rfMRI_REST1_LR_PhaseOne_gdc_dc.nii.gz
        │   ├── rfMRI_REST1_LR_PhaseTwo_gdc_dc.nii.gz
```

```
│   ├── rfMRI_REST1_LR_real_bias.nii.gz
│   ├── rfMRI_REST1_LR_real_reference.nii.gz
│   └── rfMRI_REST1_LR_SBRef.nii.gz
├── rfMRI_REST1_RL
│   ├── brainmask_fs.2.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── rfMRI_REST1_RL_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── rfMRI_REST1_RL_Atlas_MSMAll_mean.dscalar.nii
│   ├── rfMRI_REST1_RL_dropouts.nii.gz
│   ├── rfMRI_REST1_RL_hp2000_clean_rclean_tclean.nii.gz
│   ├── rfMRI_REST1_RL_Jacobian.nii.gz
│   ├── rfMRI_REST1_RL_mean.nii.gz
│   ├── rfMRI_REST1_RL_PhaseOne_gdc_dc.nii.gz
│   ├── rfMRI_REST1_RL_PhaseTwo_gdc_dc.nii.gz
│   ├── rfMRI_REST1_RL_real_bias.nii.gz
│   ├── rfMRI_REST1_RL_real_reference.nii.gz
│   └── rfMRI_REST1_RL_SBRef.nii.gz
├── rfMRI_REST2_LR
│   ├── brainmask_fs.2.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── rfMRI_REST2_LR_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── rfMRI_REST2_LR_Atlas_MSMAll_mean.dscalar.nii
│   ├── rfMRI_REST2_LR_dropouts.nii.gz
│   ├── rfMRI_REST2_LR_hp2000_clean_rclean_tclean.nii.gz
│   ├── rfMRI_REST2_LR_Jacobian.nii.gz
│   ├── rfMRI_REST2_LR_mean.nii.gz
│   ├── rfMRI_REST2_LR_PhaseOne_gdc_dc.nii.gz
│   ├── rfMRI_REST2_LR_PhaseTwo_gdc_dc.nii.gz
│   ├── rfMRI_REST2_LR_real_bias.nii.gz
│   ├── rfMRI_REST2_LR_real_reference.nii.gz
│   └── rfMRI_REST2_LR_SBRef.nii.gz
└── rfMRI_REST2_RL
    ├── brainmask_fs.2.nii.gz
    ├── Movement_AbsoluteRMS_mean.txt
    ├── Movement_AbsoluteRMS.txt
    ├── Movement_Regressors.txt
    ├── Movement_RelativeRMS_mean.txt
    ├── Movement_RelativeRMS.txt
```

```
        ├── rfMRI_REST2_RL_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
        ├── rfMRI_REST2_RL_Atlas_MSMAll_mean.dscalar.nii
        ├── rfMRI_REST2_RL_dropouts.nii.gz
        ├── rfMRI_REST2_RL_hp2000_clean_rclean_tclean.nii.gz
        ├── rfMRI_REST2_RL_Jacobian.nii.gz
        ├── rfMRI_REST2_RL_mean.nii.gz
        ├── rfMRI_REST2_RL_PhaseOne_gdc_dc.nii.gz
        ├── rfMRI_REST2_RL_PhaseTwo_gdc_dc.nii.gz
        ├── rfMRI_REST2_RL_real_bias.nii.gz
        ├── rfMRI_REST2_RL_real_reference.nii.gz
        └── rfMRI_REST2_RL_SBRef.nii.gz
```

Task fMRI 3T Preprocessed Recommended

This package contains recommended tfMRI files (all tasks individually + all tasks concatenated) including spatial and temporal ICA-cleaned CIFTI files precisely aligned across subjects using the MSMAll multi-modal surface registration. It also contains NIFTI volumetric files that in some cases are appropriate to analyze together with the CIFTI files (e.g., to compare the two). Analyzing NIFTI volumetric files alone is NOT RECOMMENDED. It contains outputs of HCP Functional Preprocessing for task scans, which is the result of applying GenericfMRIVolumeProcessingPipeline, GenericfMRISurfaceProcessingPipeline, hcp_fix_multi_run, sICA component reclassification, MSMAllPipeline, and tICAPipeline. Tasks included: EMOTION, GAMBLING, LANGUAGE, MOTOR, RELATIONAL, SOCIAL, and WORKING MEMORY.

Task3TRecommended

```
125525
└── MNINonLinear
    ├── fsaverage_LR32k
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_tICA_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_tICA_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_tICA_SR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_tICA_SR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_tICA_SRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WR_tICA_SRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_Concat_d72_WF6_WRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   └── 125525.tfMRI_Concat_d72_WF6_WRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    └── Results
        ├── tfMRI_Concat
        │   ├── tfMRI_Concat_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
        │   ├── tfMRI_Concat_Atlas_MSMAll_hp0_clean_rclean_tclean_vn.dscalar.nii
        │   ├── tfMRI_Concat_Atlas_MSMAll_mean.dscalar.nii
```

```
│   ├── tfMRI_Concat_brain_mask.nii.gz
│   ├── tfMRI_Concat_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_Concat_hp0_clean_rclean_tclean_vn.nii.gz
│   ├── tfMRI_Concat_mean.nii.gz
│   ├── tfMRI_Concat_Runs.csv
│   └── tfMRI_Concat_SBRef.nii.gz
├── tfMRI_EMOTION_LR
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── EMOTION_Stats.csv
│   │   ├── fear.txt
│   │   ├── neut.txt
│   │   └── Sync.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_EMOTION_LR_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_EMOTION_LR_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_EMOTION_LR_dropouts.nii.gz
│   ├── tfMRI_EMOTION_LR_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_EMOTION_LR_Jacobian.nii.gz
│   ├── tfMRI_EMOTION_LR_mean.nii.gz
│   ├── tfMRI_EMOTION_LR_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_EMOTION_LR_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_EMOTION_LR_real_bias.nii.gz
│   ├── tfMRI_EMOTION_LR_real_reference.nii.gz
│   └── tfMRI_EMOTION_LR_SBRef.nii.gz
├── tfMRI_EMOTION_RL
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── EMOTION_Stats.csv
│   │   ├── fear.txt
│   │   ├── neut.txt
│   │   └── Sync.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_EMOTION_RL_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_EMOTION_RL_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_EMOTION_RL_dropouts.nii.gz
│   ├── tfMRI_EMOTION_RL_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_EMOTION_RL_Jacobian.nii.gz
```

```
│   ├── tfMRI_EMOTION_RL_mean.nii.gz
│   ├── tfMRI_EMOTION_RL_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_EMOTION_RL_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_EMOTION_RL_real_bias.nii.gz
│   ├── tfMRI_EMOTION_RL_real_reference.nii.gz
│   └── tfMRI_EMOTION_RL_SBRef.nii.gz
├── tfMRI_GAMBLING_LR
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── GAMBLING_Stats.csv
│   │   ├── loss_event.txt
│   │   ├── loss.txt
│   │   ├── neut_event.txt
│   │   ├── Sync.txt
│   │   ├── win_event.txt
│   │   └── win.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_GAMBLING_LR_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_GAMBLING_LR_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_GAMBLING_LR_dropouts.nii.gz
│   ├── tfMRI_GAMBLING_LR_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_GAMBLING_LR_Jacobian.nii.gz
│   ├── tfMRI_GAMBLING_LR_mean.nii.gz
│   ├── tfMRI_GAMBLING_LR_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_GAMBLING_LR_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_GAMBLING_LR_real_bias.nii.gz
│   ├── tfMRI_GAMBLING_LR_real_reference.nii.gz
│   └── tfMRI_GAMBLING_LR_SBRef.nii.gz
├── tfMRI_GAMBLING_RL
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── GAMBLING_Stats.csv
│   │   ├── loss_event.txt
│   │   ├── loss.txt
│   │   ├── neut_event.txt
│   │   ├── Sync.txt
│   │   ├── win_event.txt
│   │   └── win.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
```

```
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_GAMBLING_RL_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_GAMBLING_RL_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_GAMBLING_RL_dropouts.nii.gz
│   ├── tfMRI_GAMBLING_RL_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_GAMBLING_RL_Jacobian.nii.gz
│   ├── tfMRI_GAMBLING_RL_mean.nii.gz
│   ├── tfMRI_GAMBLING_RL_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_GAMBLING_RL_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_GAMBLING_RL_real_bias.nii.gz
│   ├── tfMRI_GAMBLING_RL_real_reference.nii.gz
│   └── tfMRI_GAMBLING_RL_SBRef.nii.gz
├── tfMRI_LANGUAGE_LR
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── cue.txt
│   │   ├── LANGUAGE_Stats.csv
│   │   ├── math.txt
│   │   ├── present_math.txt
│   │   ├── present_story.txt
│   │   ├── question_math.txt
│   │   ├── question_story.txt
│   │   ├── response_math.txt
│   │   ├── response_story.txt
│   │   ├── story.txt
│   │   └── Sync.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_LANGUAGE_LR_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_LANGUAGE_LR_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_LANGUAGE_LR_dropouts.nii.gz
│   ├── tfMRI_LANGUAGE_LR_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_LANGUAGE_LR_Jacobian.nii.gz
│   ├── tfMRI_LANGUAGE_LR_mean.nii.gz
│   ├── tfMRI_LANGUAGE_LR_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_LANGUAGE_LR_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_LANGUAGE_LR_real_bias.nii.gz
│   ├── tfMRI_LANGUAGE_LR_real_reference.nii.gz
│   └── tfMRI_LANGUAGE_LR_SBRef.nii.gz
├── tfMRI_LANGUAGE_RL
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── cue.txt
```

```
│   │   ├── LANGUAGE_Stats.csv
│   │   ├── math.txt
│   │   ├── present_math.txt
│   │   ├── present_story.txt
│   │   ├── question_math.txt
│   │   ├── question_story.txt
│   │   ├── response_math.txt
│   │   ├── response_story.txt
│   │   ├── story.txt
│   │   └── Sync.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_LANGUAGE_RL_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_LANGUAGE_RL_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_LANGUAGE_RL_dropouts.nii.gz
│   ├── tfMRI_LANGUAGE_RL_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_LANGUAGE_RL_Jacobian.nii.gz
│   ├── tfMRI_LANGUAGE_RL_mean.nii.gz
│   ├── tfMRI_LANGUAGE_RL_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_LANGUAGE_RL_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_LANGUAGE_RL_real_bias.nii.gz
│   ├── tfMRI_LANGUAGE_RL_real_reference.nii.gz
│   └── tfMRI_LANGUAGE_RL_SBRef.nii.gz
├── tfMRI_MOTOR_LR
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── cue.txt
│   │   ├── lf.txt
│   │   ├── lh.txt
│   │   ├── rf.txt
│   │   ├── rh.txt
│   │   ├── Sync.txt
│   │   └── t.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_MOTOR_LR_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_MOTOR_LR_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_MOTOR_LR_dropouts.nii.gz
│   ├── tfMRI_MOTOR_LR_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_MOTOR_LR_Jacobian.nii.gz
```

```
│   ├── tfMRI_MOTOR_LR_mean.nii.gz
│   ├── tfMRI_MOTOR_LR_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_MOTOR_LR_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_MOTOR_LR_real_bias.nii.gz
│   ├── tfMRI_MOTOR_LR_real_reference.nii.gz
│   └── tfMRI_MOTOR_LR_SBRef.nii.gz
├── tfMRI_MOTOR_RL
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── cue.txt
│   │   ├── lf.txt
│   │   ├── lh.txt
│   │   ├── rf.txt
│   │   ├── rh.txt
│   │   ├── Sync.txt
│   │   └── t.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_MOTOR_RL_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_MOTOR_RL_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_MOTOR_RL_dropouts.nii.gz
│   ├── tfMRI_MOTOR_RL_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_MOTOR_RL_Jacobian.nii.gz
│   ├── tfMRI_MOTOR_RL_mean.nii.gz
│   ├── tfMRI_MOTOR_RL_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_MOTOR_RL_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_MOTOR_RL_real_bias.nii.gz
│   ├── tfMRI_MOTOR_RL_real_reference.nii.gz
│   └── tfMRI_MOTOR_RL_SBRef.nii.gz
├── tfMRI_RELATIONAL_LR
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── error.txt
│   │   ├── match.txt
│   │   ├── RELATIONAL_Stats.csv
│   │   ├── relation.txt
│   │   └── Sync.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_RELATIONAL_LR_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
```

```
│   ├── tfMRI_RELATIONAL_LR_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RELATIONAL_LR_dropouts.nii.gz
│   ├── tfMRI_RELATIONAL_LR_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_RELATIONAL_LR_Jacobian.nii.gz
│   ├── tfMRI_RELATIONAL_LR_mean.nii.gz
│   ├── tfMRI_RELATIONAL_LR_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_RELATIONAL_LR_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_RELATIONAL_LR_real_bias.nii.gz
│   ├── tfMRI_RELATIONAL_LR_real_reference.nii.gz
│   └── tfMRI_RELATIONAL_LR_SBRef.nii.gz
├── tfMRI_RELATIONAL_RL
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── error.txt
│   │   ├── match.txt
│   │   ├── RELATIONAL_Stats.csv
│   │   ├── relation.txt
│   │   └── Sync.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_RELATIONAL_RL_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RELATIONAL_RL_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RELATIONAL_RL_dropouts.nii.gz
│   ├── tfMRI_RELATIONAL_RL_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_RELATIONAL_RL_Jacobian.nii.gz
│   ├── tfMRI_RELATIONAL_RL_mean.nii.gz
│   ├── tfMRI_RELATIONAL_RL_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_RELATIONAL_RL_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_RELATIONAL_RL_real_bias.nii.gz
│   ├── tfMRI_RELATIONAL_RL_real_reference.nii.gz
│   └── tfMRI_RELATIONAL_RL_SBRef.nii.gz
├── tfMRI_SOCIAL_LR
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── mental_resp.txt
│   │   ├── mental.txt
│   │   ├── other_resp.txt
│   │   ├── rnd.txt
│   │   ├── SOCIAL_Stats.csv
│   │   └── Sync.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
```

```
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_SOCIAL_LR_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_SOCIAL_LR_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_SOCIAL_LR_dropouts.nii.gz
│   ├── tfMRI_SOCIAL_LR_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_SOCIAL_LR_Jacobian.nii.gz
│   ├── tfMRI_SOCIAL_LR_mean.nii.gz
│   ├── tfMRI_SOCIAL_LR_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_SOCIAL_LR_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_SOCIAL_LR_real_bias.nii.gz
│   ├── tfMRI_SOCIAL_LR_real_reference.nii.gz
│   └── tfMRI_SOCIAL_LR_SBRef.nii.gz
├── tfMRI_SOCIAL_RL
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── mental_resp.txt
│   │   ├── mental.txt
│   │   ├── other_resp.txt
│   │   ├── rnd.txt
│   │   ├── SOCIAL_Stats.csv
│   │   └── Sync.txt
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_SOCIAL_RL_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_SOCIAL_RL_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_SOCIAL_RL_dropouts.nii.gz
│   ├── tfMRI_SOCIAL_RL_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_SOCIAL_RL_Jacobian.nii.gz
│   ├── tfMRI_SOCIAL_RL_mean.nii.gz
│   ├── tfMRI_SOCIAL_RL_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_SOCIAL_RL_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_SOCIAL_RL_real_bias.nii.gz
│   ├── tfMRI_SOCIAL_RL_real_reference.nii.gz
│   └── tfMRI_SOCIAL_RL_SBRef.nii.gz
├── tfMRI_WM_LR
│   ├── brainmask_fs.2.nii.gz
│   ├── EVs
│   │   ├── 0bk_body.txt
│   │   ├── 0bk_cor.txt
│   │   ├── 0bk_err.txt
│   │   ├── 0bk_faces.txt
│   │   ├── 0bk_nlr.txt
```

```
│   │   ├── 0bk_places.txt
│   │   ├── 0bk_tools.txt
│   │   ├── 2bk_body.txt
│   │   ├── 2bk_cor.txt
│   │   ├── 2bk_err.txt
│   │   ├── 2bk_faces.txt
│   │   ├── 2bk_nlr.txt
│   │   ├── 2bk_places.txt
│   │   ├── 2bk_tools.txt
│   │   ├── all_bk_cor.txt
│   │   ├── all_bk_err.txt
│   │   ├── Sync.txt
│   │   └── WM_Stats.csv
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_WM_LR_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_WM_LR_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_WM_LR_dropouts.nii.gz
│   ├── tfMRI_WM_LR_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_WM_LR_Jacobian.nii.gz
│   ├── tfMRI_WM_LR_mean.nii.gz
│   ├── tfMRI_WM_LR_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_WM_LR_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_WM_LR_real_bias.nii.gz
│   ├── tfMRI_WM_LR_real_reference.nii.gz
│   └── tfMRI_WM_LR_SBRef.nii.gz
└── tfMRI_WM_RL
    ├── brainmask_fs.2.nii.gz
    ├── EVs
    │   ├── 0bk_body.txt
    │   ├── 0bk_cor.txt
    │   ├── 0bk_err.txt
    │   ├── 0bk_faces.txt
    │   ├── 0bk_nlr.txt
    │   ├── 0bk_places.txt
    │   ├── 0bk_tools.txt
    │   ├── 2bk_body.txt
    │   ├── 2bk_cor.txt
    │   ├── 2bk_err.txt
    │   ├── 2bk_faces.txt
    │   ├── 2bk_nlr.txt
    │   ├── 2bk_places.txt
    │   ├── 2bk_tools.txt
```

```
│   ├── all_bk_cor.txt
│   ├── all_bk_err.txt
│   ├── Sync.txt
│   └── WM_Stats.csv
├── Movement_AbsoluteRMS_mean.txt
├── Movement_AbsoluteRMS.txt
├── Movement_Regressors.txt
├── Movement_RelativeRMS_mean.txt
├── Movement_RelativeRMS.txt
├── tfMRI_WM_RL_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
├── tfMRI_WM_RL_Atlas_MSMAll_mean.dscalar.nii
├── tfMRI_WM_RL_dropouts.nii.gz
├── tfMRI_WM_RL_hp0_clean_rclean_tclean.nii.gz
├── tfMRI_WM_RL_Jacobian.nii.gz
├── tfMRI_WM_RL_mean.nii.gz
├── tfMRI_WM_RL_PhaseOne_gdc_dc.nii.gz
├── tfMRI_WM_RL_PhaseTwo_gdc_dc.nii.gz
├── tfMRI_WM_RL_real_bias.nii.gz
├── tfMRI_WM_RL_real_reference.nii.gz
└── tfMRI_WM_RL_SBRef.nii.gz
```

Diffusion 3T Preprocessed Recommended

This package contains diffusion weighted images aligned to the subject's T1w space that have been corrected for motion, distortions, and outliers using FSL's 'eddy' tool. It also includes diffusion weighting (bvals), direction (bvecs), QC files generated by FSL's 'QUAD' tool, a file (grad_dev.nii.gz) that can be used to account for gradient nonlinearities during model fitting, and outputs of BedpostX that can be used for probablistic tractography. These were generated from the HCP Diffusion Preprocessing pipeline and Bedpostx pipeline, which is the result of applying DiffPreprocPipeline and bedpostx_gpu.

Diffusion3TRecommended

```
125525
└── T1w
    ├── Diffusion
    │   ├── bvals
    │   ├── bvecs
    │   ├── data.nii.gz
    │   ├── eddylogs
    │   │   ├── eddy_unwarped_images.eddy_movement_rms
    │   │   ├── eddy_unwarped_images.eddy_outlier_map
    │   │   ├── eddy_unwarped_images.eddy_outlier_n_sqr_stdev_map
    │   │   ├── eddy_unwarped_images.eddy_outlier_n_stdev_map
    │   │   ├── eddy_unwarped_images.eddy_outlier_report
```

```
│   │   ├── eddy_unwarped_images.eddy_parameters
│   │   ├── eddy_unwarped_images.eddy_post_eddy_shell_alignment_parameters
│   │   └── eddy_unwarped_images.eddy_restricted_movement_rms
│   ├── grad_dev.nii.gz
│   └── nodif_brain_mask.nii.gz
├── Diffusion.bedpostX
│   ├── bvals
│   ├── bvecs
│   ├── commands.txt
│   ├── dyads1_dispersion.nii.gz
│   ├── dyads1.nii.gz
│   ├── dyads2_dispersion.nii.gz
│   ├── dyads2.nii.gz
│   ├── dyads2_thr0.05_modf2.nii.gz
│   ├── dyads2_thr0.05.nii.gz
│   ├── dyads3_dispersion.nii.gz
│   ├── dyads3.nii.gz
│   ├── dyads3_thr0.05_modf3.nii.gz
│   ├── dyads3_thr0.05.nii.gz
│   ├── logs
│   │   ├── 125525_bedpostx_gpu.e1626182-1
│   │   ├── 125525_bedpostx_gpu.e1626182-2
│   │   ├── 125525_bedpostx_gpu.e1626182-3
│   │   ├── 125525_bedpostx_gpu.e1626182-4
│   │   ├── 125525_bedpostx_gpu.o1626182-1
│   │   ├── 125525_bedpostx_gpu.o1626182-2
│   │   ├── 125525_bedpostx_gpu.o1626182-3
│   │   ├── 125525_bedpostx_gpu.o1626182-4
│   │   ├── 125525_bedpostx_postproc_gpu.e1626183
│   │   ├── 125525_bedpostx_postproc_gpu.o1626183
│   │   ├── 125525_bedpostx_preproc_gpu.e1626181
│   │   ├── 125525_bedpostx_preproc_gpu.o1626181
│   │   ├── logs_gpu
│   │   │   ├── part_0000-subpart_0000
│   │   │   ├── part_0000-subpart_0001
│   │   │   ├── part_0000-subpart_0002
│   │   │   ├── part_0000-subpart_0003
│   │   │   ├── part_0000-subpart_0004
│   │   │   ├── part_0000-subpart_0005
│   │   │   ├── part_0000-subpart_0006
│   │   │   ├── part_0000-subpart_0007
│   │   │   ├── part_0000-subpart_0008
│   │   │   ├── part_0000-subpart_0009
│   │   │   ├── part_0000-subpart_0010
│   │   │   ├── part_0000-subpart_0011
│   │   │   ├── part_0000-subpart_0012
```

```
│   │   │   ├── part_0001-subpart_0000
│   │   │   ├── part_0001-subpart_0001
│   │   │   ├── part_0001-subpart_0002
│   │   │   ├── part_0001-subpart_0003
│   │   │   ├── part_0001-subpart_0004
│   │   │   ├── part_0001-subpart_0005
│   │   │   ├── part_0001-subpart_0006
│   │   │   ├── part_0001-subpart_0007
│   │   │   ├── part_0001-subpart_0008
│   │   │   ├── part_0001-subpart_0009
│   │   │   ├── part_0001-subpart_0010
│   │   │   ├── part_0001-subpart_0011
│   │   │   ├── part_0001-subpart_0012
│   │   │   ├── part_0002-subpart_0000
│   │   │   ├── part_0002-subpart_0001
│   │   │   ├── part_0002-subpart_0002
│   │   │   ├── part_0002-subpart_0003
│   │   │   ├── part_0002-subpart_0004
│   │   │   ├── part_0002-subpart_0005
│   │   │   ├── part_0002-subpart_0006
│   │   │   ├── part_0002-subpart_0007
│   │   │   ├── part_0002-subpart_0008
│   │   │   ├── part_0002-subpart_0009
│   │   │   ├── part_0002-subpart_0010
│   │   │   ├── part_0002-subpart_0011
│   │   │   ├── part_0002-subpart_0012
│   │   │   ├── part_0003-subpart_0000
│   │   │   ├── part_0003-subpart_0001
│   │   │   ├── part_0003-subpart_0002
│   │   │   ├── part_0003-subpart_0003
│   │   │   ├── part_0003-subpart_0004
│   │   │   ├── part_0003-subpart_0005
│   │   │   ├── part_0003-subpart_0006
│   │   │   ├── part_0003-subpart_0007
│   │   │   ├── part_0003-subpart_0008
│   │   │   ├── part_0003-subpart_0009
│   │   │   ├── part_0003-subpart_0010
│   │   │   ├── part_0003-subpart_0011
│   │   │   └── part_0003-subpart_0012
│   │   ├── monitor
│   │   │   ├── 0
│   │   │   ├── 1
│   │   │   ├── 2
│   │   │   └── 3
│   │   └── postproc_ID
│   ├── mean_dsamples.nii.gz
```

```
│   ├── mean_d_stdsamples.nii.gz
│   ├── mean_f1samples.nii.gz
│   ├── mean_f2samples.nii.gz
│   ├── mean_f3samples.nii.gz
│   ├── mean_fsumsamples.nii.gz
│   ├── mean_ph1samples.nii.gz
│   ├── mean_ph2samples.nii.gz
│   ├── mean_ph3samples.nii.gz
│   ├── mean_Rsamples.nii.gz
│   ├── mean_S0samples.nii.gz
│   ├── mean_tausamples.nii.gz
│   ├── mean_th1samples.nii.gz
│   ├── mean_th2samples.nii.gz
│   ├── mean_th3samples.nii.gz
│   ├── merged_f1samples.nii.gz
│   ├── merged_f2samples.nii.gz
│   ├── merged_f3samples.nii.gz
│   ├── merged_ph1samples.nii.gz
│   ├── merged_ph2samples.nii.gz
│   ├── merged_ph3samples.nii.gz
│   ├── merged_th1samples.nii.gz
│   ├── merged_th2samples.nii.gz
│   ├── merged_th3samples.nii.gz
│   ├── nodif_brain_mask.nii.gz
│   └── xfms
│       └── eye.mat
└── T1w_acpc_dc_restore_1.25.nii.gz
```

7T Data

For subjects with 7T data, e.g. 125525, minimally preprocessed 7T data also unpacks to the <SubjectID>/ subdirectories (if 3T data is unpacked in the same location it will be mixed with the 7T data):

<**SubjectID**>**/** (e.g., **125525/**)

T1w/
MNINonLinear/

rfMRI 7T Preprocessed Recommended

This package contains recommended per-run and concatenated high field (7T) rfMRI files including spatial and temporal ICA-cleaned CIFTI files precisely aligned across subjects using the MSMAll multi-modal surface registration and contains NIFTI volumetric files that in some cases are appropriate to analyze together with the CIFTI files (e.g., to compare the

two). Analyzing NIFTI volumetric files alone is NOT RECOMMENDED. It contains outputs of HCP Functional Preprocessing for resting state scans, which is the result of applying GenericfMRIVolumeProcessingPipeline, GenericfMRISurfaceProcessingPipeline, hcp_fix_multi_run, sICA component reclassification, MSMAllPipeline, and tICAPipeline.

Data were processed at both 2.0 mm (recommended for comparison with 3T fMRI) and 1.6 mm resolution. Data at 1.6 mm resolution is indicated in the file name, whereas data at 2.0 mm resolution is not, e.g. `rfMRI_REST_7T_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean_vn.dscalar.nii` vs. `rfMRI_REST_7T_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii`

Rest7TRecommended

```
125525
└── MNINonLinear
    ├── fsaverage_LR32k
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_tICA_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_tICA_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_tICA_SR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_tICA_SR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_tICA_SRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_tICA_SRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   └── 125525.rfMRI_REST_7T_d104_WF6_WRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    ├── fsaverage_LR59k
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_SR_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_SRZ_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    │   ├── 125525.rfMRI_REST_7T_d104_WF6_WR_tICA_SR_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    │   └── 125525.rfMRI_REST_7T_d104_WF6_WR_tICA_SRZ_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    └── Results
        ├── rfMRI_REST1_7T_PA
        │   ├── brainmask_fs.1.60.nii.gz
        │   ├── Movement_AbsoluteRMS_mean.txt
        │   ├── Movement_AbsoluteRMS.txt
        │   ├── Movement_Regressors.txt
        │   ├── Movement_RelativeRMS_mean.txt
        │   ├── Movement_RelativeRMS.txt
        │   ├── rfMRI_REST1_7T_PA_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
        │   ├── rfMRI_REST1_7T_PA_Atlas_1.6mm_MSMAll_mean.dscalar.nii
        │   ├── rfMRI_REST1_7T_PA_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
        │   ├── rfMRI_REST1_7T_PA_Atlas_MSMAll_mean.dscalar.nii
        │   ├── rfMRI_REST1_7T_PA_dropouts.nii.gz
        │   ├── rfMRI_REST1_7T_PA_hp2000_clean_rclean_tclean.nii.gz
```

```
│   ├── rfMRI_REST1_7T_PA_Jacobian.nii.gz
│   ├── rfMRI_REST1_7T_PA_mean.nii.gz
│   ├── rfMRI_REST1_7T_PA_PhaseOne_gdc_dc.nii.gz
│   ├── rfMRI_REST1_7T_PA_PhaseTwo_gdc_dc.nii.gz
│   ├── rfMRI_REST1_7T_PA_SBRef.nii.gz
│   ├── rfMRI_REST1_7T_PA_sebased_bias.nii.gz
│   └── rfMRI_REST1_7T_PA_sebased_reference.nii.gz
├── rfMRI_REST2_7T_AP
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── rfMRI_REST2_7T_AP_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── rfMRI_REST2_7T_AP_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── rfMRI_REST2_7T_AP_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── rfMRI_REST2_7T_AP_Atlas_MSMAll_mean.dscalar.nii
│   ├── rfMRI_REST2_7T_AP_dropouts.nii.gz
│   ├── rfMRI_REST2_7T_AP_hp2000_clean_rclean_tclean.nii.gz
│   ├── rfMRI_REST2_7T_AP_Jacobian.nii.gz
│   ├── rfMRI_REST2_7T_AP_mean.nii.gz
│   ├── rfMRI_REST2_7T_AP_PhaseOne_gdc_dc.nii.gz
│   ├── rfMRI_REST2_7T_AP_PhaseTwo_gdc_dc.nii.gz
│   ├── rfMRI_REST2_7T_AP_SBRef.nii.gz
│   ├── rfMRI_REST2_7T_AP_sebased_bias.nii.gz
│   └── rfMRI_REST2_7T_AP_sebased_reference.nii.gz
├── rfMRI_REST3_7T_PA
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── rfMRI_REST3_7T_PA_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── rfMRI_REST3_7T_PA_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── rfMRI_REST3_7T_PA_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── rfMRI_REST3_7T_PA_Atlas_MSMAll_mean.dscalar.nii
│   ├── rfMRI_REST3_7T_PA_dropouts.nii.gz
│   ├── rfMRI_REST3_7T_PA_hp2000_clean_rclean_tclean.nii.gz
│   ├── rfMRI_REST3_7T_PA_Jacobian.nii.gz
│   ├── rfMRI_REST3_7T_PA_mean.nii.gz
│   ├── rfMRI_REST3_7T_PA_PhaseOne_gdc_dc.nii.gz
│   ├── rfMRI_REST3_7T_PA_PhaseTwo_gdc_dc.nii.gz
│   ├── rfMRI_REST3_7T_PA_SBRef.nii.gz
│   ├── rfMRI_REST3_7T_PA_sebased_bias.nii.gz
```

```
│   └── rfMRI_REST3_7T_PA_sebased_reference.nii.gz
├── rfMRI_REST4_7T_AP
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── rfMRI_REST4_7T_AP_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── rfMRI_REST4_7T_AP_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── rfMRI_REST4_7T_AP_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── rfMRI_REST4_7T_AP_Atlas_MSMAll_mean.dscalar.nii
│   ├── rfMRI_REST4_7T_AP_dropouts.nii.gz
│   ├── rfMRI_REST4_7T_AP_hp2000_clean_rclean_tclean.nii.gz
│   ├── rfMRI_REST4_7T_AP_Jacobian.nii.gz
│   ├── rfMRI_REST4_7T_AP_mean.nii.gz
│   ├── rfMRI_REST4_7T_AP_PhaseOne_gdc_dc.nii.gz
│   ├── rfMRI_REST4_7T_AP_PhaseTwo_gdc_dc.nii.gz
│   ├── rfMRI_REST4_7T_AP_SBRef.nii.gz
│   ├── rfMRI_REST4_7T_AP_sebased_bias.nii.gz
│   └── rfMRI_REST4_7T_AP_sebased_reference.nii.gz
└── rfMRI_REST_7T
    ├── rfMRI_REST_7T_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
    ├── rfMRI_REST_7T_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean_vn.dscalar.nii
    ├── rfMRI_REST_7T_Atlas_1.6mm_MSMAll_mean.dscalar.nii
    ├── rfMRI_REST_7T_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
    ├── rfMRI_REST_7T_Atlas_MSMAll_hp2000_clean_rclean_tclean_vn.dscalar.nii
    ├── rfMRI_REST_7T_Atlas_MSMAll_mean.dscalar.nii
    ├── rfMRI_REST_7T_brain_mask.nii.gz
    ├── rfMRI_REST_7T_hp2000_clean_rclean_tclean.nii.gz
    ├── rfMRI_REST_7T_hp2000_clean_rclean_tclean_vn.nii.gz
    ├── rfMRI_REST_7T_mean.nii.gz
    ├── rfMRI_REST_7T_Runs.csv
    └── rfMRI_REST_7T_SBRef.nii.gz
```

Movie fMRI 7T Preprocessed Recommended

This package contains recommended per-run (4 runs) and concatenated high field (7T) MOVIE task fMRI files including spatial and temporal ICA-cleaned CIFTI files precisely aligned across subjects using the MSMAll multi-modal surface registration and contains NIFTI volumetric files that in some cases are appropriate to analyze together with the CIFTI files (e.g., to compare the two). Analyzing NIFTI volumetric files alone is NOT RECOMMENDED. It contains outputs of HCP Functional Preprocessing for movie scans, which is the result of applying GenericfMRIVolumeProcessingPipeline, GenericfMRISurfaceProcessingPipeline, hcp_fix_multi_run, sICA component reclassification, MSMAllPipeline, and tICAPipeline.

Data were processed at both 2.0 mm (recommended for comparison with 3T fMRI) and 1.6 mm resolution. Data at 1.6 mm resolution is indicated in the file name, whereas data at 2.0 mm resolution is not, e.g.
`tfMRI_MOVIE1_7T_AP_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii` vs.
`tfMRI_MOVIE1_7T_AP_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii`

Movie7TRecommended

```
125525
└── MNINonLinear
    ├── fsaverage_LR32k
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_tICA_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_tICA_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_tICA_SR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_tICA_SR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_tICA_SRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_tICA_SRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   └── 125525.tfMRI_MOVIE_7T_d108_WF6_WRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    ├── fsaverage_LR59k
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_SR_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_SRZ_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_tICA_SR_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    │   └── 125525.tfMRI_MOVIE_7T_d108_WF6_WR_tICA_SRZ_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    └── Results
        ├── tfMRI_MOVIE1_7T_AP
        │   ├── brainmask_fs.1.60.nii.gz
        │   ├── Movement_AbsoluteRMS_mean.txt
        │   ├── Movement_AbsoluteRMS.txt
        │   ├── Movement_Regressors.txt
        │   ├── Movement_RelativeRMS_mean.txt
        │   ├── Movement_RelativeRMS.txt
        │   ├── tfMRI_MOVIE1_7T_AP_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
        │   ├── tfMRI_MOVIE1_7T_AP_Atlas_1.6mm_MSMAll_mean.dscalar.nii
        │   ├── tfMRI_MOVIE1_7T_AP_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
        │   ├── tfMRI_MOVIE1_7T_AP_Atlas_MSMAll_mean.dscalar.nii
        │   ├── tfMRI_MOVIE1_7T_AP_dropouts.nii.gz
        │   ├── tfMRI_MOVIE1_7T_AP_hp2000_clean_rclean_tclean.nii.gz
        │   ├── tfMRI_MOVIE1_7T_AP_Jacobian.nii.gz
        │   ├── tfMRI_MOVIE1_7T_AP_mean.nii.gz
        │   ├── tfMRI_MOVIE1_7T_AP_PhaseOne_gdc_dc.nii.gz
        │   ├── tfMRI_MOVIE1_7T_AP_PhaseTwo_gdc_dc.nii.gz
```

```
│   ├── tfMRI_MOVIE1_7T_AP_SBRef.nii.gz
│   ├── tfMRI_MOVIE1_7T_AP_sebased_bias.nii.gz
│   └── tfMRI_MOVIE1_7T_AP_sebased_reference.nii.gz
├── tfMRI_MOVIE2_7T_PA
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_MOVIE2_7T_PA_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_MOVIE2_7T_PA_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── tfMRI_MOVIE2_7T_PA_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_MOVIE2_7T_PA_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_MOVIE2_7T_PA_dropouts.nii.gz
│   ├── tfMRI_MOVIE2_7T_PA_hp2000_clean_rclean_tclean.nii.gz
│   ├── tfMRI_MOVIE2_7T_PA_Jacobian.nii.gz
│   ├── tfMRI_MOVIE2_7T_PA_mean.nii.gz
│   ├── tfMRI_MOVIE2_7T_PA_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_MOVIE2_7T_PA_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_MOVIE2_7T_PA_SBRef.nii.gz
│   ├── tfMRI_MOVIE2_7T_PA_sebased_bias.nii.gz
│   └── tfMRI_MOVIE2_7T_PA_sebased_reference.nii.gz
├── tfMRI_MOVIE3_7T_PA
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_MOVIE3_7T_PA_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_MOVIE3_7T_PA_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── tfMRI_MOVIE3_7T_PA_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_MOVIE3_7T_PA_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_MOVIE3_7T_PA_dropouts.nii.gz
│   ├── tfMRI_MOVIE3_7T_PA_hp2000_clean_rclean_tclean.nii.gz
│   ├── tfMRI_MOVIE3_7T_PA_Jacobian.nii.gz
│   ├── tfMRI_MOVIE3_7T_PA_mean.nii.gz
│   ├── tfMRI_MOVIE3_7T_PA_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_MOVIE3_7T_PA_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_MOVIE3_7T_PA_SBRef.nii.gz
│   ├── tfMRI_MOVIE3_7T_PA_sebased_bias.nii.gz
│   └── tfMRI_MOVIE3_7T_PA_sebased_reference.nii.gz
├── tfMRI_MOVIE4_7T_AP
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
```

```
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_MOVIE4_7T_AP_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_MOVIE4_7T_AP_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── tfMRI_MOVIE4_7T_AP_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_MOVIE4_7T_AP_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_MOVIE4_7T_AP_dropouts.nii.gz
│   ├── tfMRI_MOVIE4_7T_AP_hp2000_clean_rclean_tclean.nii.gz
│   ├── tfMRI_MOVIE4_7T_AP_Jacobian.nii.gz
│   ├── tfMRI_MOVIE4_7T_AP_mean.nii.gz
│   ├── tfMRI_MOVIE4_7T_AP_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_MOVIE4_7T_AP_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_MOVIE4_7T_AP_SBRef.nii.gz
│   ├── tfMRI_MOVIE4_7T_AP_sebased_bias.nii.gz
│   └── tfMRI_MOVIE4_7T_AP_sebased_reference.nii.gz
└── tfMRI_MOVIE_7T
    ├── tfMRI_MOVIE_7T_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
    ├── tfMRI_MOVIE_7T_Atlas_1.6mm_MSMAll_hp2000_clean_rclean_tclean_vn.dscalar.nii
    ├── tfMRI_MOVIE_7T_Atlas_1.6mm_MSMAll_mean.dscalar.nii
    ├── tfMRI_MOVIE_7T_Atlas_MSMAll_hp2000_clean_rclean_tclean.dtseries.nii
    ├── tfMRI_MOVIE_7T_Atlas_MSMAll_hp2000_clean_rclean_tclean_vn.dscalar.nii
    ├── tfMRI_MOVIE_7T_Atlas_MSMAll_mean.dscalar.nii
    ├── tfMRI_MOVIE_7T_brain_mask.nii.gz
    ├── tfMRI_MOVIE_7T_hp2000_clean_rclean_tclean.nii.gz
    ├── tfMRI_MOVIE_7T_hp2000_clean_rclean_tclean_vn.nii.gz
    ├── tfMRI_MOVIE_7T_mean.nii.gz
    ├── tfMRI_MOVIE_7T_Runs.csv
    └── tfMRI_MOVIE_7T_SBRef.nii.gz
```

Retinotopy fMRI 7T Preprocessed Recommended

This package contains recommended per-run (6 runs) and concatenated high field (7T) RETINOTOPY task fMRI files including spatial and temporal ICA-cleaned CIFTI files precisely aligned across subjects using the MSMAll multi-modal surface registration and contains NIFTI volumetric files that in some cases are appropriate to analyze together with the CIFTI files (e.g., to compare the two). Analyzing NIFTI volumetric files alone is NOT RECOMMENDED. It contains outputs of HCP Functional Preprocessing for movie scans, which is the result of applying GenericfMRIVolumeProcessingPipeline, GenericfMRISurfaceProcessingPipeline, hcp_fix_multi_run, sICA component reclassification, MSMAllPipeline, and tICAPipeline.

Data were processed at both 2.0 mm (recommended for comparison with 3T fMRI) and 1.6 mm resolution. Data at 1.6 mm resolution is indicated in the file name, whereas data at 2.0 mm resolution is not, e.g.
`tfMRI_RETBAR1_7T_AP_Atlas_1.6mm_MSMAll_hp0_clean_rclean_tclean.dtseries.nii` vs.
`tfMRI_RETBAR1_7T_AP_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii`

Retinotopy7TRecommended

```
125525
└── MNINonLinear
    ├── fsaverage_LR32k
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_tICA_MSMAll_spectra.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_tICA_MSMAll_ts.32k_fs_LR.sdseries.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_tICA_SR_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_tICA_SR_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_tICA_SRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_tICA_SRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WRZ_MSMAll.32k_fs_LR.dscalar.nii
    │   └── 125525.tfMRI_RET_7T_d73_WF5_WRZ_MSMAll_vol.32k_fs_LR.dscalar.nii
    ├── fsaverage_LR59k
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_SR_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_SRZ_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    │   ├── 125525.tfMRI_RET_7T_d73_WF5_WR_tICA_SR_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    │   └── 125525.tfMRI_RET_7T_d73_WF5_WR_tICA_SRZ_1.6mm_MSMAll.59k_fs_LR.dscalar.nii
    └── Results
        ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_Atlas_1.6mm_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_Atlas_1.6mm_MSMAll_hp0_clean_rclean_tclean_vn.dscalar.nii
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_Atlas_1.6mm_MSMAll_mean.dscalar.nii
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_Atlas_MSMAll_hp0_clean_rclean_tclean_vn.dscalar.nii
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_Atlas_MSMAll_mean.dscalar.nii
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_brain_mask.nii.gz
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_hp0_clean_rclean_tclean.nii.gz
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_hp0_clean_rclean_tclean_vn.nii.gz
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_mean.nii.gz
        │   ├── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_Runs.csv
        │   └── tfMRI_7T_RETCCW_AP_RETCW_PA_RETEXP_AP_RETCON_PA_RETBAR1_AP_RETBAR2_PA_SBRef.nii.gz
        ├── tfMRI_RETBAR1_7T_AP
        │   ├── brainmask_fs.1.60.nii.gz
        │   ├── Movement_AbsoluteRMS_mean.txt
        │   ├── Movement_AbsoluteRMS.txt
        │   ├── Movement_Regressors.txt
        │   ├── Movement_RelativeRMS_mean.txt
        │   ├── Movement_RelativeRMS.txt
        │   ├── tfMRI_RETBAR1_7T_AP_Atlas_1.6mm_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
        │   ├── tfMRI_RETBAR1_7T_AP_Atlas_1.6mm_MSMAll_mean.dscalar.nii
```

```
│   ├── tfMRI_RETBAR1_7T_AP_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RETBAR1_7T_AP_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RETBAR1_7T_AP_dropouts.nii.gz
│   ├── tfMRI_RETBAR1_7T_AP_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_RETBAR1_7T_AP_Jacobian.nii.gz
│   ├── tfMRI_RETBAR1_7T_AP_mean.nii.gz
│   ├── tfMRI_RETBAR1_7T_AP_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_RETBAR1_7T_AP_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_RETBAR1_7T_AP_SBRef.nii.gz
│   ├── tfMRI_RETBAR1_7T_AP_sebased_bias.nii.gz
│   └── tfMRI_RETBAR1_7T_AP_sebased_reference.nii.gz
├── tfMRI_RETBAR2_7T_PA
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_RETBAR2_7T_PA_Atlas_1.6mm_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RETBAR2_7T_PA_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RETBAR2_7T_PA_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RETBAR2_7T_PA_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RETBAR2_7T_PA_dropouts.nii.gz
│   ├── tfMRI_RETBAR2_7T_PA_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_RETBAR2_7T_PA_Jacobian.nii.gz
│   ├── tfMRI_RETBAR2_7T_PA_mean.nii.gz
│   ├── tfMRI_RETBAR2_7T_PA_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_RETBAR2_7T_PA_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_RETBAR2_7T_PA_SBRef.nii.gz
│   ├── tfMRI_RETBAR2_7T_PA_sebased_bias.nii.gz
│   └── tfMRI_RETBAR2_7T_PA_sebased_reference.nii.gz
├── tfMRI_RETCCW_7T_AP
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_RETCCW_7T_AP_Atlas_1.6mm_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RETCCW_7T_AP_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RETCCW_7T_AP_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RETCCW_7T_AP_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RETCCW_7T_AP_dropouts.nii.gz
│   ├── tfMRI_RETCCW_7T_AP_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_RETCCW_7T_AP_Jacobian.nii.gz
│   ├── tfMRI_RETCCW_7T_AP_mean.nii.gz
```

```
│   ├── tfMRI_RETCCW_7T_AP_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_RETCCW_7T_AP_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_RETCCW_7T_AP_SBRef.nii.gz
│   ├── tfMRI_RETCCW_7T_AP_sebased_bias.nii.gz
│   └── tfMRI_RETCCW_7T_AP_sebased_reference.nii.gz
├── tfMRI_RETCON_7T_PA
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_RETCON_7T_PA_Atlas_1.6mm_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RETCON_7T_PA_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RETCON_7T_PA_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RETCON_7T_PA_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RETCON_7T_PA_dropouts.nii.gz
│   ├── tfMRI_RETCON_7T_PA_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_RETCON_7T_PA_Jacobian.nii.gz
│   ├── tfMRI_RETCON_7T_PA_mean.nii.gz
│   ├── tfMRI_RETCON_7T_PA_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_RETCON_7T_PA_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_RETCON_7T_PA_SBRef.nii.gz
│   ├── tfMRI_RETCON_7T_PA_sebased_bias.nii.gz
│   └── tfMRI_RETCON_7T_PA_sebased_reference.nii.gz
├── tfMRI_RETCW_7T_PA
│   ├── brainmask_fs.1.60.nii.gz
│   ├── Movement_AbsoluteRMS_mean.txt
│   ├── Movement_AbsoluteRMS.txt
│   ├── Movement_Regressors.txt
│   ├── Movement_RelativeRMS_mean.txt
│   ├── Movement_RelativeRMS.txt
│   ├── tfMRI_RETCW_7T_PA_Atlas_1.6mm_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RETCW_7T_PA_Atlas_1.6mm_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RETCW_7T_PA_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
│   ├── tfMRI_RETCW_7T_PA_Atlas_MSMAll_mean.dscalar.nii
│   ├── tfMRI_RETCW_7T_PA_dropouts.nii.gz
│   ├── tfMRI_RETCW_7T_PA_hp0_clean_rclean_tclean.nii.gz
│   ├── tfMRI_RETCW_7T_PA_Jacobian.nii.gz
│   ├── tfMRI_RETCW_7T_PA_mean.nii.gz
│   ├── tfMRI_RETCW_7T_PA_PhaseOne_gdc_dc.nii.gz
│   ├── tfMRI_RETCW_7T_PA_PhaseTwo_gdc_dc.nii.gz
│   ├── tfMRI_RETCW_7T_PA_SBRef.nii.gz
│   ├── tfMRI_RETCW_7T_PA_sebased_bias.nii.gz
│   └── tfMRI_RETCW_7T_PA_sebased_reference.nii.gz
└── tfMRI_RETEXP_7T_AP
```

```
        ├── brainmask_fs.1.60.nii.gz
        ├── Movement_AbsoluteRMS_mean.txt
        ├── Movement_AbsoluteRMS.txt
        ├── Movement_Regressors.txt
        ├── Movement_RelativeRMS_mean.txt
        ├── Movement_RelativeRMS.txt
        ├── tfMRI_RETEXP_7T_AP_Atlas_1.6mm_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
        ├── tfMRI_RETEXP_7T_AP_Atlas_1.6mm_MSMAll_mean.dscalar.nii
        ├── tfMRI_RETEXP_7T_AP_Atlas_MSMAll_hp0_clean_rclean_tclean.dtseries.nii
        ├── tfMRI_RETEXP_7T_AP_Atlas_MSMAll_mean.dscalar.nii
        ├── tfMRI_RETEXP_7T_AP_dropouts.nii.gz
        ├── tfMRI_RETEXP_7T_AP_hp0_clean_rclean_tclean.nii.gz
        ├── tfMRI_RETEXP_7T_AP_Jacobian.nii.gz
        ├── tfMRI_RETEXP_7T_AP_mean.nii.gz
        ├── tfMRI_RETEXP_7T_AP_PhaseOne_gdc_dc.nii.gz
        ├── tfMRI_RETEXP_7T_AP_PhaseTwo_gdc_dc.nii.gz
        ├── tfMRI_RETEXP_7T_AP_SBRef.nii.gz
        ├── tfMRI_RETEXP_7T_AP_sebased_bias.nii.gz
        └── tfMRI_RETEXP_7T_AP_sebased_reference.nii.gz
```

Diffusion 7T Preprocessed Recommended

This package contains high field (7T) diffusion weighted images aligned to the subject's T1w space that have been corrected for motion, distortions, and outliers using FSL's 'eddy' tool. It also includes diffusion weighting (bvals), direction (bvecs) and a file (grad_dev.nii.gz) that can be used to account for gradient nonlinearities during model fitting. These were generated from the HCP Diffusion Preprocessing pipeline which is the result of applying the DiffPreprocPipeline.

Diffusion7Trecommended

```
125525
└── T1w
    ├── Diffusion_7T
    │   ├── bvals
    │   ├── bvecs
    │   ├── data.nii.gz
    │   ├── eddylogs
    │   │   ├── eddy_unwarped_images.eddy_movement_rms
    │   │   ├── eddy_unwarped_images.eddy_outlier_map
    │   │   ├── eddy_unwarped_images.eddy_outlier_n_sqr_stdev_map
    │   │   ├── eddy_unwarped_images.eddy_outlier_n_stdev_map
    │   │   ├── eddy_unwarped_images.eddy_outlier_report
    │   │   ├── eddy_unwarped_images.eddy_parameters
    │   │   ├── eddy_unwarped_images.eddy_post_eddy_shell_alignment_parameters
    │   │   └── eddy_unwarped_images.eddy_restricted_movement_rms
```

```
│   ├── grad_dev.nii.gz
│   └── nodif_brain_mask.nii.gz
└── T1w_acpc_dc_restore_1.05.nii.gz
```

Section C: Unprocessed MEG Data Directory Structure

All unprocessed data for each subject should unpack to the **unprocessed/MEG/** directory under the <**SubjectID**> directory:

<**SubjectID**>**/** (e.g., **012345/**)

release-notes/

unprocessed/
MEG/

The MEG/ subdirectory signifies that these data were acquired in the MEG lab at SLU.

Unprocessed data for exemplar subject 012345 unpacks to the following directory structure:

012345/unprocessed/MEG/
1-Rnoise/
2-Pnoise/
3-Restin/
4-Restin/
5-Restin/
6-Wrkmem/
7-Wrkmem/
8-StoryM/
9-StoryM/
10-Motort/
11-Motort/

Noise Data **(Noise Unprocessed package includes datacheck processing)**

012345/unprocessed/MEG/
1-Rnoise/4D/config
1-Rnoise/4D/c,rfDC

2-Pnoise/4D/config
2-Pnoise/4D/c,rfDC

012345/MEG/Pnoise/datacheck/
012345_MEG_2-Pnoise_datacheck_info.txt

figures/

012345_MEG_2-Pnoise_datacheck_jumps.png
012345_MEG_2-Pnoise_datacheck_MEG_lowfreq_power.png
012345_MEG_2-Pnoise_datacheck_MEG_powerline_noise.png
012345_MEG_2-Pnoise_datacheck_MEG_powspctrm.png
012345_MEG_2-Pnoise_datacheck_MEGREF_powspctrm.png
012345_MEG_2-Pnoise_datacheck_neighb_correlation.png
012345_MEG_2-Pnoise_datacheck_triggers.png

provenance/

012345_MEG_2-Pnoise_datacheck_jumps.png.xml
012345_MEG_2-Pnoise_datacheck_MEG_lowfreq_power.png.xml
012345_MEG_2-Pnoise_datacheck_MEG_powerline_noise.png.xml
012345_MEG_2-Pnoise_datacheck_MEG_powspctrm.png.xml
012345_MEG_2-Pnoise_datacheck_MEGREF_powspctrm.png.xml
012345_MEG_2-Pnoise_datacheck_neighb_correlation.png.xml
012345_MEG_2-Pnoise_datacheck_triggers.png.xml

provenance/

012345_MEG_2-Pnoise_datacheck_info.txt.xml

012345/MEG/Rnoise/datacheck/

012345_MEG_1-Rnoise_datacheck_info.txt

figures/

012345_MEG_1-Rnoise_datacheck_jumps.png
012345_MEG_1-Rnoise_datacheck_MEG_lowfreq_power.png
012345_MEG_1-Rnoise_datacheck_MEG_powerline_noise.png
012345_MEG_1-Rnoise_datacheck_MEG_powspctrm.png
012345_MEG_1-Rnoise_datacheck_MEGREF_powspctrm.png
012345_MEG_1-Rnoise_datacheck_neighb_correlation.png
012345_MEG_1-Rnoise_datacheck_triggers.png

provenance/

012345_MEG_1-Rnoise_datacheck_jumps.png.xml
012345_MEG_1-Rnoise_datacheck_MEG_lowfreq_power.png.xml
012345_MEG_1-Rnoise_datacheck_MEG_powerline_noise.png.xml
012345_MEG_1-Rnoise_datacheck_MEG_powspctrm.png.xml
012345_MEG_1-Rnoise_datacheck_MEGREF_powspctrm.png.xml
012345_MEG_1-Rnoise_datacheck_neighb_correlation.png.xml
012345_MEG_1-Rnoise_datacheck_triggers.png.xml

provenance/

012345_MEG_1-Rnoise_datacheck_info.txt.xml

Resting State MEG Data

012345/unprocessed/MEG/

3-Restin/4D/config
3-Restin/4D/c,rfDC
3-Restin/4D/e,rfhp1.0Hz,COH
3-Restin/4D/e,rfhp1.0Hz,COH1

4-Restin/4D/config
4-Restin/4D/c,rfDC
4-Restin/4D/e,rfhp1.0Hz,COH
4-Restin/4D/e,rfhp1.0Hz,COH1

5-Restin/4D/config
5-Restin/4D/c,rfDC
5-Restin/4D/e,rfhp1.0Hz,COH
5-Restin/4D/e,rfhp1.0Hz,COH1

Task MEG Data

Working Memory

012345/unprocessed/MEG/

6-Wrkmem/4D/config
6-Wrkmem/4D/c,rfDC
6-Wrkmem/4D/e,rfhp1.0Hz,COH
6-Wrkmem/4D/e,rfhp1.0Hz,COH1
6-Wrkmem/EPRIME/012345_MEG_Wrkmem_run1.xlsx
6-Wrkmem/EPRIME/012345_MEG_Wrkmem_run1.tab

7-Wrkmem/4D/config
7-Wrkmem/4D/c,rfDC
7-Wrkmem/4D/e,rfhp1.0Hz,COH
7-Wrkmem/4D/e,rfhp1.0Hz,COH1
7-Wrkmem/EPRIME/012345_MEG_Wrkmem_run2.xlsx
7-Wrkmem/EPRIME/012345_MEG_Wrkmem_run2.tab

Language Processing (Story-Math)

012345/unprocessed/MEG

8-StoryM/4D/config
8-StoryM/4D/c,rfDC
8-StoryM/4D/e,rfhp1.0Hz,COH
8-StoryM/4D/e,rfhp1.0Hz,COH1
8-StoryM/EPRIME/012345_MEG_StoryM_run1.xlsx
8-StoryM/EPRIME/012345_MEG_StoryM_run1.tab

9-StoryM/4D/config
9-StoryM/4D/c,rfDC
9-StoryM4D/e,rfhp1.0Hz,COH
9-StoryM/4D/e,rfhp1.0Hz,COH1
9-StoryM/EPRIME/012345_MEG_StoryM_run2.xlsx
9-StoryM/EPRIME/012345_MEG_StoryM_run2.tab

Motor

012345/unprocessed/MEG

10-Motort/4D/config
10-Motort/4D/c,rfDC
10-Motort/4D/e,rfhp1.0Hz,COH
10-Motort/4D/e,rfhp1.0Hz,COH1
10-Motort/EPRIME/012345_MEG_Motort_run1.xlsx
10-Motort/EPRIME/012345_MEG_Motort_run1.tab

11-Motort/4D/config
11-Motort/4D/c,rfDC
11-Motort/4D/e,rfhp1.0Hz,COH
11-Motort/4D/e,rfhp1.0Hz,COH1
11-Motort/EPRIME/012345_MEG_Motort_run2.xlsx
11-Motort/EPRIME/012345_MEG_Motort_run2.tab

The c,rfDC file contains the raw data, the e,rfhp1.0Hz,COH file contains the head localization data at the start of the scan, the e,rfhp1.0Hz,COH1 file contains the head localization data at the end of the scan, and the config file contains additional header information. Note that the two noise scans (1-Rnoise and 2-Pnoise) do not have head localization data.

EPRIME log files are available in ASCII tab-delimited format (*.tab) and in Microsoft Excel (*.xlsx) format.

Section D: Anatomical models for MEG source estimation Directory Structure

All anatomical models for the MEG source estimation should unpack to a high level <SubjectID> directory for each subject (e.g., **012345/**, as exemplified here) with a MEG/anatomy subdirectory:

<**SubjectID**>**/** (e.g., **012345/**)

release-notes/

MEG/

anatomy/

The anatomy package contains the coregistration information, the volume conduction model (also referred to as headmodel), source models using a regular 3-D grid at different resolutions (sourcemodel3d4mm, sourcemodel3d6mm, sourcemodel3d8mm), and a source model that follows the 2-D cortical sheet. The volume conduction, 3-D and 2-D source models are represented in the *.mat file in subject specific 4D headcoordinates. The cortical sheet that comprises the 2-D source model is represented in the *.surf.gii files in ACPC aligned subject specific headcoordinates.

The release also contains provenance information (in Extensible Markup Language, i.e. *.xml), quality control figures (in Portable Network Graphics format, i.e. *.png) and provenance information for the figures.

Anatomical models for exemplar subject 012345 unpacks to the following directory structure:

MEG/anatomy/

012345_MEG_anatomy_transform.txt
012345_MEG_anatomy_headmodel.mat
012345_MEG_anatomy_sourcemodel_2d.mat
012345_MEG_anatomy_sourcemodel_3d4mm.mat
012345_MEG_anatomy_sourcemodel_3d6mm.mat
012345_MEG_anatomy_sourcemodel_3d8mm.mat
012345.L.inflated.4k_fs_LR.surf.gii
012345.R.inflated.4k_fs_LR.surf.gii
012345.L.midthickness.4k_fs_LR.surf.gii
012345.R.midthickness.4k_fs_LR.surf.gii
T1w_acpc_dc_restore.nii.gz

provenance/

012345_MEG_anatomy_transform.txt.xml
012345_MEG_anatomy_headmodel.mat.xml

012345_MEG_anatomy_sourcemodel_2d.mat.xml
012345_MEG_anatomy_sourcemodel_3d4mm.mat.xml
012345_MEG_anatomy_sourcemodel_3d6mm.mat.xml
012345_MEG_anatomy_sourcemodel_3d8mm.mat.xml

figures/

012345_MEG_anatomy_headmodel.png
012345_MEG_anatomy_sourcemodel_2d.png
012345_MEG_anatomy_sourcemodel_3d4mm.png
012345_MEG_anatomy_sourcemodel_3d6mm.png
012345_MEG_anatomy_sourcemodel_3d8mm.png

provenance/

012345_MEG_anatomy_headmodel.png.xml
012345_MEG_anatomy_sourcemodel_2d.png.xml
012345_MEG_anatomy_sourcemodel_3d4mm.png.xml
012345_MEG_anatomy_sourcemodel_3d6mm.png.xml
012345_MEG_anatomy_sourcemodel_3d8mm.png.xml

Section E: Channel- and Source-level processed MEG data Directory Structure

All channel- and source-level processed MEG data should unpack to a high level <SubjectID> directory for each subject (e.g., **012345/**, as exemplified here) with a MEG/ subdirectory for each type of experiment.

<**SubjectID**>**/** (e.g., **012345/**)

release-notes/

MEG/

Rnoise/
Pnoise/
Restin/
Wrkmem/
StoryM/
Motort/

Under each of the experimental conditions, the directory structure represents the analysis pipelines that have been executed on the data.

For the empty-room and subject noise datasets, the only applicable pipeline is datacheck. The noise datacheck pipeline results do not comprise a separate package but are included in the packages for the unprocessed noise data.

For the resting state dataset, the pipelines start with datacheck->baddata->icaclass. Channel level analysis is continued with rmegpreproc->powavg. Source level analysis is continued with icamne->icablpenv->icablpcorr, icamne->icaimagcoh and bfblpenv->bfblpcorr.

For the three task datasets, the sequence of pipelines consists of datacheck->baddata->icaclass->tmegpreproc. Channel level analysis is continued with eravg for the Event-Related fields and tfavg for averaged Time-Frequency representations. Source level analysis is continued with srcavglcmv for Event-Related fields and srcavgdics for Time-Frequency representations.

Channel- and source-level processed MEG data for exemplar subject 012345 unpacks to the directory structure that is listed below for each of the pipelines. Most pipeline results are accompanied with a portable network graphics (*.png) bitmap file that summarizes the main result, allowing for a quick visual inspection of the results using any image viewer. The file name of each figure relates directly to one of the results. Given their large number, the bitmap figures are in general not listed below, but are present in the release packages in the figure directory.

Each of the *.txt, *.mat, *.nii and *.png data files that are listed below is accompanied with a similarly named *.xml file in the provenance directory, which details the version of the software used to produce the results. These xml files are not fully listed below, but are present in the release packages.

Datacheck

The results of the Datacheck pipeline unpack from the **012345_MEG_{Restin/Task}_preproc** package to the following directory structure:

MEG/Rnoise/datacheck/
MEG/Pnoise/datacheck/
MEG/Restin/datacheck/
MEG/Wrkmem/datacheck/
MEG/StoryM/datacheck/
MEG/Motort/datacheck/

For Rnoise and Pnoise datacheck files, see Section E: Unprocessed MEG Data Directory Structure.

MEG/Wrkmem/datacheck/

012345_MEG_6-Wrkmem_datacheck_info.txt
012345_MEG_7-Wrkmem_datacheck_info.txt

figures/

012345_MEG_6-Wrkmem_datacheck_MEGREF_powspctrm.png
012345_MEG_6-Wrkmem_datacheck_MEG_lowfreq_power.png
012345_MEG_6-Wrkmem_datacheck_MEG_powerline_noise.png
012345_MEG_6-Wrkmem_datacheck_MEG_powspctrm.png
012345_MEG_6-Wrkmem_datacheck_elecchan_ECG.png
012345_MEG_6-Wrkmem_datacheck_elecchan_HEOG.png
012345_MEG_6-Wrkmem_datacheck_elecchan_VEOG.png
012345_MEG_6-Wrkmem_datacheck_headshape.png
012345_MEG_6-Wrkmem_datacheck_jumps.png
012345_MEG_6-Wrkmem_datacheck_neighb_correlation.png
012345_MEG_6-Wrkmem_datacheck_triggers.png
012345_MEG_7-Wrkmem_datacheck_MEGREF_powspctrm.png
012345_MEG_7-Wrkmem_datacheck_MEG_lowfreq_power.png
012345_MEG_7-Wrkmem_datacheck_MEG_powerline_noise.png
012345_MEG_7-Wrkmem_datacheck_MEG_powspctrm.png
012345_MEG_7-Wrkmem_datacheck_elecchan_ECG.png
012345_MEG_7-Wrkmem_datacheck_elecchan_HEOG.png
012345_MEG_7-Wrkmem_datacheck_elecchan_VEOG.png
012345_MEG_7-Wrkmem_datacheck_headshape.png

012345_MEG_7-Wrkmem_datacheck_jumps.png
012345_MEG_7-Wrkmem_datacheck_neighb_correlation.png
012345_MEG_7-Wrkmem_datacheck_triggers.png

provenance/

012345_MEG_6-Wrkmem_datacheck_MEGREF_powspctrm.png.xml
012345_MEG_6-Wrkmem_datacheck_MEG_lowfreq_power.png.xml
012345_MEG_6-Wrkmem_datacheck_MEG_powerline_noise.png.xml
012345_MEG_6-Wrkmem_datacheck_MEG_powspctrm.png.xml
012345_MEG_6-Wrkmem_datacheck_elecchan_ECG.png.xml
012345_MEG_6-Wrkmem_datacheck_elecchan_HEOG.png.xml
012345_MEG_6-Wrkmem_datacheck_elecchan_VEOG.png.xml
012345_MEG_6-Wrkmem_datacheck_headshape.png.xml
012345_MEG_6-Wrkmem_datacheck_jumps.png.xml
012345_MEG_6-Wrkmem_datacheck_neighb_correlation.png.xml
012345_MEG_6-Wrkmem_datacheck_triggers.png.xml
012345_MEG_7-Wrkmem_datacheck_MEGREF_powspctrm.png.xml
012345_MEG_7-Wrkmem_datacheck_MEG_lowfreq_power.png.xml
012345_MEG_7-Wrkmem_datacheck_MEG_powerline_noise.png.xml
012345_MEG_7-Wrkmem_datacheck_MEG_powspctrm.png.xml
012345_MEG_7-Wrkmem_datacheck_elecchan_ECG.png.xml
012345_MEG_7-Wrkmem_datacheck_elecchan_HEOG.png.xml
012345_MEG_7-Wrkmem_datacheck_elecchan_VEOG.png.xml
012345_MEG_7-Wrkmem_datacheck_headshape.png.xml
012345_MEG_7-Wrkmem_datacheck_jumps.png.xml
012345_MEG_7-Wrkmem_datacheck_neighb_correlation.png.xml
012345_MEG_7-Wrkmem_datacheck_triggers.png .xml

provenance/

012345_MEG_6-Wrkmem_datacheck_info.txt.xml
012345_MEG_7-Wrkmem_datacheck_info.txt.xml

There are similar results for the resting state and other task scans, each with the corresponding scan type and number in the directory and in the file names:

MEG/Restin/datacheck/
MEG/StoryM/datacheck/
MEG/Motort/datacheck/

Baddata

The results of Baddata pipeline unpack from the **012345_MEG_{Restin/Task}_preproc** package to the following directory structure:

MEG/Restin/baddata/

012345_MEG_3-Restin_baddata_badchannels.txt
012345_MEG_3-Restin_baddata_badsegments.txt
012345_MEG_3-Restin_baddata_manual_badchannels.txt
012345_MEG_3-Restin_baddata_manual_badsegments.txt
012345_MEG_3-Restin_baddata_rawtrialinfo_QC.txt
012345_MEG_4-Restin_baddata_badchannels.txt
etc

figures/

012345_MEG_3-Restin_baddata_badchan_cor_scatter.png
012345_MEG_3-Restin_baddata_badchan_cor_topo.png
012345_MEG_3-Restin_baddata_badchan_cor_topo3D.png
012345_MEG_3-Restin_baddata_badchan_std_scatter.png
012345_MEG_3-Restin_baddata_badchan_std_topo.png
012345_MEG_3-Restin_baddata_icaqc_badchannel_A88.png
012345_MEG_3-Restin_baddata_icaqc_badchannel_A246.png
etc. (# of icaqc_badchannel files/channels varies with scan)

012345_MEG_3-Restin_baddata_icaqc_badsegment_1.png
012345_MEG_3-Restin_baddata_icaqc_badsegment_2.png
012345_MEG_3-Restin_baddata_icaqc_badsegment_3.png
etc. (# of icaqc_badsegment files varies with scan)

012345_MEG_3-Restin_baddata_icaqc_results_1.png
012345_MEG_3-Restin_baddata_icaqc_results_2.png
012345_MEG_3-Restin_baddata_icaqc_results_3.png
012345_MEG_3-Restin_baddata_icaqc_results_4.png
012345_MEG_3-Restin_baddata_icaqc_results_5.png
012345_MEG_3-Restin_baddata_icaqc_results_6.png
etc. (# of icaqc_results files varies with scan)

012345_MEG_4-Restin_baddata_badchan_cor_scatter.png
012345_MEG_4-Restin_baddata_badchan_cor_topo.png
012345_MEG_4-Restin_baddata_badchan_cor_topoD.png
012345_MEG_4-Restin_baddata_badchan_std_scatter.png
012345_MEG_4-Restin_baddata_badchan_std_topo.png
etc.

provenance/

012345_MEG_3-Restin_baddata_badchan_cor_scatter.png.xml
012345_MEG_3-Restin_baddata_badchan_cor_topo.png.xml
012345_MEG_3-Restin_baddata_badchan_cor_topo3D.png.xml
012345_MEG_3-Restin_baddata_badchan_std_scatter.png.xml
012345_MEG_3-Restin_baddata_badchan_std_topo.png.xml
012345_MEG_3-Restin_baddata_icaqc_badchannel_A88.png.xml
012345_MEG_3-Restin_baddata_icaqc_badchannel_A246.png.xml
etc. (# of icaqc_badchannel files/channels varies with scan)

012345_MEG_3-Restin_baddata_icaqc_badsegment_1.png.xml
012345_MEG_3-Restin_baddata_icaqc_badsegment_2.png.xml
012345_MEG_3-Restin_baddata_icaqc_badsegment_3.png.xml
etc. (# of icaqc_badsegment files varies with scan)

012345_MEG_3-Restin_baddata_icaqc_results_1.png.xml
012345_MEG_3-Restin_baddata_icaqc_results_2.png.xml
012345_MEG_3-Restin_baddata_icaqc_results_3.png.xml
012345_MEG_3-Restin_baddata_icaqc_results_4.png.xml
012345_MEG_3-Restin_baddata_icaqc_results_5.png.xml
012345_MEG_3-Restin_baddata_icaqc_results_6.png.xml
etc. (# of icaqc_results files varies with scan)

012345_MEG_4-Restin_baddata_badchan_cor_scatter.png
012345_MEG_4-Restin_baddata_badchan_cor_topo.png
012345_MEG_4-Restin_baddata_badchan_cor_topo3D.png
012345_MEG_4-Restin_baddata_badchan_std_scatter.png
012345_MEG_4-Restin_baddata_badchan_std_topo.png
etc.

provenance/

012345_MEG_3-Restin_baddata_badchannels.txt.xml
012345_MEG_3-Restin_baddata_badsegments.txt.xml
012345_MEG_3-Restin_baddata_manual_badchannels.txt.xml
012345_MEG_3-Restin_baddata_manual_badsegments.txt.xml
012345_MEG_4-Restin_baddata_badchannels.txt.xml
etc

There are similar results for the other scans, each with the corresponding scan type and number in the directory and in the file names:

MEG/Wrkmem/baddata/
MEG/StoryM/baddata/
MEG/Motort/baddata/

Icaclass and Icaclass_qc

The results of the Icaclass and Icaclass_qc pipelines unpack from the **012345_MEG_{Restin/Task}_preproc** package to the following directory structure:

MEG/Restin/icaclass/

012345_MEG_3-Restin_icaclass.mat
012345_MEG_3-Restin_icaclass.txt
012345_MEG_3-Restin_icaclass_vs.mat
012345_MEG_3-Restin_icaclass_vs.txt
012345_MEG_4-Restin_icaclass.mat
etc.

figures/

012345_MEG_3-Restin_icaclass_refch.png
012345_MEG_3-Restin_icaclass_1.png
012345_MEG_3-Restin_icaclass_2.png
012345_MEG_3-Restin_icaclass_3.png
etc.(# of icaclass files varies with scan)

012345_MEG_3-Restin_icaclass_vs_1.png
012345_MEG_3-Restin_icaclass_vs_2.png
012345_MEG_3-Restin_icaclass_vs_3.png
etc. (# of icaclass_vs files varies with scan, but should be same # as icaclass files)

012345_MEG_4-Restin_icaclass_refch.png
012345_MEG_4-Restin_icaclass_1.png
etc.

provenance/

012345_MEG_3-Restin_icaclass_refch.png.xml
012345_MEG_3-Restin_icaclass_1.png.xml
012345_MEG_3-Restin_icaclass_2.png.xml
012345_MEG_3-Restin_icaclass_3.png.xml
etc.(# of icaclass files varies with scan)

012345_MEG_3-Restin_icaclass_vs_1.png.xml
012345_MEG_3-Restin_icaclass_vs_2.png.xml
012345_MEG_3-Restin_icaclass_vs_3.png.xml
etc. (# of icaclass_vs files varies with scan, but should be same # as icaclass files)

012345_MEG_4-Restin_icaclass_refch.png.xml
012345_MEG_4-Restin_icaclass_1.png.xml
etc.

provenance/

012345_MEG_3-Restin_icaclass.mat.xml
012345_MEG_3-Restin_icaclass.txt.xml
012345_MEG_3-Restin_icaclass_vs.mat.xml
012345_MEG_3-Restin_icaclass_vs.txt.xml
012345_MEG_4-Restin_icaclass.mat.xml
etc.

There are similar results for the other scans, each with the corresponding scan type and number in the directory and in the file names:

MEG/Wrkmem/icaclass/
MEG/StoryM/icaclass/
MEG/Motort/icaclass/

Rmegpreproc

The results of the Rmegpreproc pipeline (only for Resting state scans) unpack from the **012345_MEG_{Restin/Task}_preproc** package to the following directory structure:

MEG/Restin/rmegpreproc/

012345_MEG_3-Restin_rmegpreproc.mat
012345_MEG_4-Restin_rmegpreproc.mat
012345_MEG_5-Restin_rmegpreproc.mat

provenance/

012345_MEG_3-Restin_rmegpreproc.mat.xml
012345_MEG_4-Restin_rmegpreproc.mat.xml
012345_MEG_5-Restin_rmegpreproc.mat.xml

Powavg

The results of the Powavg pipeline (only for Resting state scans) unpack from the **012345_MEG_Restin_preproc** package to the following directory structure:

MEG/Restin/powavg/

012345_MEG_3-Restin_powavg.mat
012345_MEG_4-Restin_powavg.mat
012345_MEG_5-Restin_powavg.mat

figures/

012345_MEG_3-Restin_powavg_multiplot.png
012345_MEG_3-Restin_powavg_singleplot.png
012345_MEG_4-Restin_powavg_multiplot.png
012345_MEG_4-Restin_powavg_singleplot.png
012345_MEG_5-Restin_powavg_multiplot.png
012345_MEG_5-Restin_powavg_singleplot.png

provenance/

012345_MEG_3-Restin_powavg_multiplot.png.xml
012345_MEG_3-Restin_powavg_singleplot.png.xml
012345_MEG_4-Restin_powavg_multiplot.png.xml
012345_MEG_4-Restin_powavg_singleplot.png.xml
012345_MEG_5-Restin_powavg_multiplot.png.xml
012345_MEG_5-Restin_powavg_singleplot.png.xml

provenance/

012345_MEG_3-Restin_powavg.mat.xml
012345_MEG_4-Restin_powavg.mat.xml
012345_MEG_5-Restin_powavg.mat.xml

Tmegpreproc

The results of the Tmegpreproc pipeline (only for Task scans) unpack from the **012345_MEG_{Task}_preproc** package to the following directory structure:

MEG/Wrkmem/tmegpreproc/

012345_MEG_6-Wrkmem_tmegpreproc_TIM.mat
012345_MEG_6-Wrkmem_tmegpreproc_TRESP.mat
012345_MEG_6-Wrkmem_tmegpreproc_trialinfo.mat
012345_MEG_7-Wrkmem_tmegpreproc_TIM.mat
012345_MEG_7-Wrkmem_tmegpreproc_TRESP.mat
012345_MEG_7-Wrkmem_tmegpreproc_trialinfo.mat

provenance/

012345_MEG_6-Wrkmem_tmegpreproc_TIM.mat.xml
012345_MEG_6-Wrkmem_tmegpreproc_TRESP.mat.xml
012345_MEG_6-Wrkmem_tmegpreproc_trialinfo.mat.xml
012345_MEG_7-Wrkmem_tmegpreproc_TIM.mat.xml
012345_MEG_7-Wrkmem_tmegpreproc_TRESP.mat.xml
012345_MEG_7-Wrkmem_tmegpreproc_trialinfo.mat.xml

There are similar results for the other task scans, each with the corresponding scan type and number in the directory and in the file names:

MEG/StoryM/icaclass/
MEG/Motort/icaclass/

Eravg

The results of the Eravg pipeline (only for Task scans) unpack from the **012345_MEG_{Task}_preproc** package to the following directory structure:

MEG/Wrkmem/eravg/

012345_MEG_Wrkmem_eravg_[LM-TIM-0B]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-0B]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-2B]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-2B]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-face]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-face]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-face-versus-tool]_[OP-diff]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-face-versus-tool]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-tool]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TIM-tool]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-0B]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-0B]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-2B]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-2B]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-face]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-face]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-face-versus-tool]_[OP-diff]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-face-versus-tool]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-tool]_[BT-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_eravg_[LM-TRESP-tool]_[BT-diff]_[MODE-planar].mat

figures/

012345_MEG_Wrkmem_eravg_[LM-TIM-0B]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-0B]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-2B]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-2B]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-face]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-face]_[BT-diff]_[MODE-planar]_plot.png

012345_MEG_Wrkmem_eravg_[LM-TIM-face-versus-tool]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-face-versus-tool]_[OP-diff]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-tool]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TIM-tool]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-0B]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-0B]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-2B]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-2B]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-face]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-face]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-face-versus-tool]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-face-versus-tool]_[OP-diff]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-tool]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_eravg_[LM-TRESP-tool]_[BT-diff]_[MODE-planar]_plot.png

provenance/

012345_MEG_Wrkmem_eravg_[LM-TIM-0B]_[BT-diff]_[MODE-mag]_plot.png.xml
012345_MEG_Wrkmem_eravg_[LM-TIM-0B]_[BT-diff]_[MODE-planar]_plot.png.xml
012345_MEG_Wrkmem_eravg_[LM-TIM-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png.xml
etc. for all .png files in MEG/Wrkmem/eravg/figures

provenance/

012345_MEG_Wrkmem_eravg_[LM-TIM-0B]_[BT-diff]_[MODE-mag].mat.xml
012345_MEG_Wrkmem_eravg_[LM-TIM-0B]_[BT-diff]_[MODE-planar].mat.xml
012345_MEG_Wrkmem_eravg_[LM-TIM-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-mag].mat.xml
012345_MEG_Wrkmem_eravg_[LM-TIM-0B-versus-2B]_[OP-diff]_[BT-diff]_[MODE-planar].mat.xml
etc. for all .mat files in MEG/Wrkmem/eravg/

MEG/StoryM/eravg/

012345_MEG_StoryM_eravg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumque]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumque]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumque-versus-mathoper]_[OP-diff]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumque-versus-mathoper]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumquelate-versus-mathnumqueearly]_[OP-diff]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumquelate-versus-mathnumqueearly]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathoper]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathoper]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathsentnon]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathsentnon]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TEV-storoptcor-versus-storoptwro]_[OP-diff]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-storoptcor-versus-storoptwro]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TEV-storsentnon]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-storsentnon]_[BT-diff]_[MODE-planar].mat

012345_MEG_StoryM_eravg_[LM-TEV-storsentnon-versus-mathsentnon]_[OP-diff]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TEV-storsentnon-versus-mathsentnon]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TRESP-all]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_eravg_[LM-TRESP-all]_[BT-diff]_[MODE-planar].mat

figures/

012345_MEG_StoryM_eravg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_eravg_[LM-TEV-mathnumque]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathnumque]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathnumque-versus-mathoper]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathnumque-versus-mathoper]_[OP-diff]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathnumquelate-versus-mathnumqueearly]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathnumquelate-versus-mathnumqueearly]_[OP-diff]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathoper]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathoper]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathsentnon]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-mathsentnon]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-storoptcor-versus-storoptwro]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-storoptcor-versus-storoptwro]_[OP-diff]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-storsentnon]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-storsentnon]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-storsentnon-versus-mathsentnon]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TEV-storsentnon-versus-mathsentnon]_[OP-diff]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_eravg_[LM-TRESP-all]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_eravg_[LM-TRESP-all]_[BT-diff]_[MODE-planar]_plot.png

provenance/

012345_MEG_StoryM_eravg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-mag]_plot.png.xml
012345_MEG_StoryM_eravg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-planar]_plot.png.xml
012345_MEG_StoryM_eravg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[BT-diff]_[MODE-mag]_plot.png.xml
etc. for all .png files in MEG/StoryM/eravg/figures

provenance/

012345_MEG_StoryM_eravg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-mag].mat.xml
012345_MEG_StoryM_eravg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-planar].mat.xml
012345_MEG_StoryM_eravg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[BT-diff]_[MODE-mag].mat.xml
012345_MEG_StoryM_eravg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[BT-diff]_[MODE-planar].mat.xml
etc. for all .mat files in MEG/StoryM/eravg/

MEG/Motort/eravg/

012345_MEG_Motort_eravg_[LM-TEMG-LF]_[BT-diff]_[MODE-mag].mat
012345_MEG_Motort_eravg_[LM-TEMG-LF]_[BT-diff]_[MODE-planar].mat
012345_MEG_Motort_eravg_[LM-TEMG-LH]_[BT-diff]_[MODE-mag].mat
012345_MEG_Motort_eravg_[LM-TEMG-LH]_[BT-diff]_[MODE-planar].mat
012345_MEG_Motort_eravg_[LM-TEMG-RF]_[BT-diff]_[MODE-mag].mat
012345_MEG_Motort_eravg_[LM-TEMG-RF]_[BT-diff]_[MODE-planar].mat
012345_MEG_Motort_eravg_[LM-TEMG-RH]_[BT-diff]_[MODE-mag].mat
012345_MEG_Motort_eravg_[LM-TEMG-RH]_[BT-diff]_[MODE-planar].mat
012345_MEG_Motort_eravg_[LM-TFLA-LF]_[BT-diff]_[MODE-mag].mat
012345_MEG_Motort_eravg_[LM-TFLA-LF]_[BT-diff]_[MODE-planar].mat
012345_MEG_Motort_eravg_[LM-TFLA-LH]_[BT-diff]_[MODE-mag].mat
012345_MEG_Motort_eravg_[LM-TFLA-LH]_[BT-diff]_[MODE-planar].mat
012345_MEG_Motort_eravg_[LM-TFLA-RF]_[BT-diff]_[MODE-mag].mat
012345_MEG_Motort_eravg_[LM-TFLA-RF]_[BT-diff]_[MODE-planar].mat
012345_MEG_Motort_eravg_[LM-TFLA-RH]_[BT-diff]_[MODE-mag].mat
012345_MEG_Motort_eravg_[LM-TFLA-RH]_[BT-diff]_[MODE-planar].mat

figures/

012345_MEG_Motort_eravg_[LM-TEMG-LF]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Motort_eravg_[LM-TEMG-LF]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Motort_eravg_[LM-TEMG-LH]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Motort_eravg_[LM-TEMG-LH]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Motort_eravg_[LM-TEMG-RF]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Motort_eravg_[LM-TEMG-RF]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Motort_eravg_[LM-TEMG-RH]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Motort_eravg_[LM-TEMG-RH]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Motort_eravg_[LM-TFLA-LF]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Motort_eravg_[LM-TFLA-LF]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Motort_eravg_[LM-TFLA-LH]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Motort_eravg_[LM-TFLA-LH]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Motort_eravg_[LM-TFLA-RF]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Motort_eravg_[LM-TFLA-RF]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_Motort_eravg_[LM-TFLA-RH]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_Motort_eravg_[LM-TFLA-RH]_[BT-diff]_[MODE-planar]_plot.png

provenance/

012345_MEG_Motort_eravg_[LM-TEMG-LF]_[BT-diff]_[MODE-mag]_plot.png.xml
012345_MEG_Motort_eravg_[LM-TEMG-LF]_[BT-diff]_[MODE-planar]_plot.png.xml
012345_MEG_Motort_eravg_[LM-TEMG-LH]_[BT-diff]_[MODE-mag]_plot.png.xml
etc. for all .png files in MEG/Motor/eravg/figures

provenance/

012345_MEG_Motort_eravg_[LM-TEMG-LF]_[BT-diff]_[MODE-mag].mat.xml

012345_MEG_Motort_eravg_[LM-TEMG-LF]_[BT-diff]_[MODE-planar].mat.xml
012345_MEG_Motort_eravg_[LM-TEMG-LH]_[BT-diff]_[MODE-mag].mat.xml
012345_MEG_Motort_eravg_[LM-TEMG-LH]_[BT-diff]_[MODE-planar].mat.xml
etc. for all .mat files in MEG/Motor/eravg/

Tfavg

The results of the Tfavg pipeline (only for Task scans) unpack from the **012345_MEG_{Task}_preproc** package to the following directory structure:

MEG/Wrkmem/tfavg/

012345_MEG_Wrkmem_tfavg_[LM-TIM-0B]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-0B]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-2B]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-2B]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-0B-versus-2B]_[OP-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-0B-versus-2B]_[OP-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-face]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-face]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-face-versus-tool]_[OP-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-face-versus-tool]_[OP-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-tool]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TIM-tool]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-0B]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-0B]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-2B]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-2B]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-0B-versus-2B]_[OP-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-0B-versus-2B]_[OP-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-face]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-face]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-face-versus-tool]_[OP-diff]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-face-versus-tool]_[OP-diff]_[MODE-planar].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-tool]_[MODE-mag].mat
012345_MEG_Wrkmem_tfavg_[LM-TRESP-tool]_[MODE-planar].mat

figures/

012345_MEG_Wrkmem_tfavg_[LM-TIM-0B]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-0B]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-2B]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-2B]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-0B-versus-2B]_[OP-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-0B-versus-2B]_[OP-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-face]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-face]_[MODE-planar]_plot.png

012345_MEG_Wrkmem_tfavg_[LM-TIM-face-versus-tool]_[OP-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-face-versus-tool]_[OP-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-tool]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TIM-tool]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-0B]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-0B]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-2B]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-2B]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-0B-versus-2B]_[OP-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-0B-versus-2B]_[OP-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-face]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-face]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-face-versus-tool]_[OP-diff]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-face-versus-tool]_[OP-diff]_[MODE-planar]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-tool]_[MODE-mag]_plot.png
012345_MEG_Wrkmem_tfavg_[LM-TRESP-tool]_[MODE-planar]_plot.png

provenance/

012345_MEG_Wrkmem_tfavg_[LM-TIM-0B]_[MODE-mag]_plot.png.xml
012345_MEG_Wrkmem_tfavg_[LM-TIM-0B]_[MODE-planar]_plot.png.xml
012345_MEG_Wrkmem_tfavg_[LM-TIM-2B]_[MODE-mag]_plot.png.xml
etc. for all .png files in MEG/ Wrkmem /tfavg/figures

provenance/

012345_MEG_Wrkmem_tfavg_[LM-TIM-0B]_[MODE-mag].mat.xml
012345_MEG_Wrkmem_tfavg_[LM-TIM-0B]_[MODE-planar].mat.xml
012345_MEG_Wrkmem_tfavg_[LM-TIM-2B]_[MODE-mag].mat.xml
012345_MEG_Wrkmem_tfavg_[LM-TIM-2B]_[MODE-planar].mat.xml
etc. for all .mat files in MEG/Wrkmem/tfavg/

MEG/StoryM/tfavg/

012345_MEG_StoryM_tfavg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumque]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumque]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumque-versus-mathoper]_[OP-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumque-versus-mathoper]_[OP-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumquelate-versus-mathnumqueearly]_[OP-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumquelate-versus-mathnumqueearly]_[OP-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathoper]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathoper]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathsentnon]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TEV-mathsentnon]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TEV-storoptcor-versus-storoptwro]_[OP-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TEV-storoptcor-versus-storoptwro]_[OP-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TEV-storsentnon]_[BT-diff]_[MODE-mag].mat

012345_MEG_StoryM_tfavg_[LM-TEV-storsentnon]_[BT-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TEV-storsentnon-versus-mathsentnon]_[OP-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TEV-storsentnon-versus-mathsentnon]_[OP-diff]_[MODE-planar].mat
012345_MEG_StoryM_tfavg_[LM-TRESP-all]_[BT-diff]_[MODE-mag].mat
012345_MEG_StoryM_tfavg_[LM-TRESP-all]_[BT-diff]_[MODE-planar].mat

figures/

012345_MEG_StoryM_tfavg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumque]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumque]_[BT-diff]_[MODE-planar]]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumque-versus-mathoper]_[OP-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumque-versus-mathoper]_[OP-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumquelate-versus-mathnumqueearly]_[OP-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumquelate-versus-mathnumqueearly]_[OP-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathoper]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathoper]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathsentnon]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-mathsentnon]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-storoptcor-versus-storoptwro]_[OP-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-storoptcor-versus-storoptwro]_[OP-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-storsentnon]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-storsentnon]_[BT-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-storsentnon-versus-mathsentnon]_[OP-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TEV-storsentnon-versus-mathsentnon]_[OP-diff]_[MODE-planar]_plot.png
012345_MEG_StoryM_tfavg_[LM-TRESP-all]_[BT-diff]_[MODE-mag]_plot.png
012345_MEG_StoryM_tfavg_[LM-TRESP-all]_[BT-diff]_[MODE-planar]_plot.png

provenance/

012345_MEG_StoryM_tfavg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-mag]_plot.png.xml
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-planar]_plot.png.xml
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[MODE-mag]_plot.png.xml
etc. for all .png files in MEG/StoryM/tfavg/figures

provenance/

012345_MEG_StoryM_tfavg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-mag].mat.xml
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumopt]_[BT-diff]_[MODE-planar].mat.xml
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[MODE-mag].mat.xml
012345_MEG_StoryM_tfavg_[LM-TEV-mathnumoptcor-versus-mathnumoptwro]_[OP-diff]_[MODE-planar].mat.xml
etc. for all .mat files in MEG/StoryM/tfavg/

MEG/Motort/tfavg/

012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[CM-emgcoh]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[CM-emgcoh]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[MODE-mag].mat

012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TEMG-LH]_[CM-emgcoh]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TEMG-LH]_[CM-emgcoh]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TEMG-LH]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TEMG-LH]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TEMG-RF]_[CM-emgcoh]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TEMG-RF]_[CM-emgcoh]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TEMG-RF]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TEMG-RF]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TEMG-RH]_[CM-emgcoh]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TEMG-RH]_[CM-emgcoh]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TEMG-RH]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TEMG-RH]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TFLA-LF]_[CM-emgcoh]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TFLA-LF]_[CM-emgcoh]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TFLA-LF]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TFLA-LF]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TFLA-LH]_[CM-emgcoh]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TFLA-LH]_[CM-emgcoh]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TFLA-LH]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TFLA-LH]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TFLA-RF]_[CM-emgcoh]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TFLA-RF]_[CM-emgcoh]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TFLA-RF]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TFLA-RF]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TFLA-RH]_[CM-emgcoh]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TFLA-RH]_[CM-emgcoh]_[MODE-planar].mat
012345_MEG_Motort_tfavg_[LM-TFLA-RH]_[MODE-mag].mat
012345_MEG_Motort_tfavg_[LM-TFLA-RH]_[MODE-planar].mat

figures/

012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[CM-emgcoh]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[CM-emgcoh]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-LH]_[CM-emgcoh]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-LH]_[CM-emgcoh]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-LH]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-LH]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-RF]_[CM-emgcoh]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-RF]_[CM-emgcoh]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-RF]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-RF]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-RH]_[CM-emgcoh]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-RH]_[CM-emgcoh]_[MODE-planar]_plot.png

012345_MEG_Motort_tfavg_[LM-TEMG-RH]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TEMG-RH]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-LF]_[CM-emgcoh]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-LF]_[CM-emgcoh]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-LF]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-LF]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-LH]_[CM-emgcoh]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-LH]_[CM-emgcoh]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-LH]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-LH]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-RF]_[CM-emgcoh]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-RF]_[CM-emgcoh]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-RF]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-RF]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-RH]_[CM-emgcoh]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-RH]_[CM-emgcoh]_[MODE-planar]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-RH]_[MODE-mag]_plot.png
012345_MEG_Motort_tfavg_[LM-TFLA-RH]_[MODE-planar]_plot.png

provenance/

012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[CM-emgcoh]_[MODE-mag]_plot.png.xml
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[CM-emgcoh]_[MODE-planar]_plot.png.xml
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[MODE-mag]_plot.png.xml
etc. for all .png files in MEG/Motor/tfavg/figures

provenance/

012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[CM-emgcoh]_[MODE-mag].mat.xml
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[CM-emgcoh]_[MODE-planar].mat.xml
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[MODE-mag].mat.xml
012345_MEG_Motort_tfavg_[LM-TEMG-LF]_[MODE-planar].mat.xml
etc. for all .mat files in MEG/Motor/tfavg/

Icamne

The results of the icamne pipeline (only for Resting state scans) are used directly in the subsequent source analysis pipelines. The intermediate results are therefore not shared in a package, but quality control figures are provided. These unpack from the **012345_Restin_dtseries** package to the following directory structure:

MEG/Restin/icamne/figures

012345_MEG_3-Restin_icamne_1.png
012345_MEG_3-Restin_icamne_2.png
etc. (# of icamne files varies with scan)
012345_MEG_4-Restin_icamne_1.png
012345_MEG_4-Restin_icamne_2.png

etc.
012345_MEG_5-Restin_icamne_1.png
012345_MEG_5-Restin_icamne_2.png
etc.

provenance/

012345_MEG_3-Restin_icamne_1.png.xml
012345_MEG_3-Restin_icamne_2.png.xml
etc. (# of icamne files varies with scan)
012345_MEG_4-Restin_icamne_1.png.xml
012345_MEG_4-Restin_icamne_2.png.xml
etc.
012345_MEG_5-Restin_icamne_1.png.xml
012345_MEG_5-Restin_icamne_2.png.xml
etc. for all .png files in MEG/Restin/icamne/figures

Icablpenv

The results of the icablpenv pipeline (only for Resting state scans) unpack from the **012345_Restin_dtseries** package to the following directory structure:

MEG/Restin/icablpenv/

012345_MEG_3-Restin_icablpenv_alpha.power.dtseries.nii
012345_MEG_3-Restin_icablpenv_betahigh.power.dtseries.nii
012345_MEG_3-Restin_icablpenv_betalow.power.dtseries.nii
012345_MEG_3-Restin_icablpenv_delta.power.dtseries.nii
012345_MEG_3-Restin_icablpenv_gammahigh.power.dtseries.nii
012345_MEG_3-Restin_icablpenv_gammalow.power.dtseries.nii
012345_MEG_3-Restin_icablpenv_gammamid.power.dtseries.nii
012345_MEG_3-Restin_icablpenv_theta.power.dtseries.nii
012345_MEG_3-Restin_icablpenv_whole.power.dtseries.nii
012345_MEG_4-Restin_icablpenv_alpha.power.dtseries.nii
012345_MEG_4-Restin_icablpenv_betahigh.power.dtseries.nii
012345_MEG_4-Restin_icablpenv_betalow.power.dtseries.nii
012345_MEG_4-Restin_icablpenv_delta.power.dtseries.nii
012345_MEG_4-Restin_icablpenv_gammahigh.power.dtseries.nii
012345_MEG_4-Restin_icablpenv_gammalow.power.dtseries.nii
012345_MEG_4-Restin_icablpenv_gammamid.power.dtseries.nii
012345_MEG_4-Restin_icablpenv_theta.power.dtseries.nii
012345_MEG_4-Restin_icablpenv_whole.power.dtseries.nii
012345_MEG_5-Restin_icablpenv_alpha.power.dtseries.nii
012345_MEG_5-Restin_icablpenv_betahigh.power.dtseries.nii
012345_MEG_5-Restin_icablpenv_betalow.power.dtseries.nii
012345_MEG_5-Restin_icablpenv_delta.power.dtseries.nii

012345_MEG_5-Restin_icablpenv_gammahigh.power.dtseries.nii
012345_MEG_5-Restin_icablpenv_gammalow.power.dtseries.nii
012345_MEG_5-Restin_icablpenv_gammamid.power.dtseries.nii
012345_MEG_5-Restin_icablpenv_theta.power.dtseries.nii
012345_MEG_5-Restin_icablpenv_whole.power.dtseries.nii

provenance/

012345_MEG_3-Restin_icablpenv_alpha.power.dtseries.nii.xml
012345_MEG_3-Restin_icablpenv_betahigh.power.dtseries.nii.xml
012345_MEG_3-Restin_icablpenv_betalow.power.dtseries.nii.xml
etc. for all .dtseries.nii files in MEG/Restin/icablpenv/

Icablpenv parcellated results

The parcellated results of the icablpenv pipeline (only for Resting state scans) (using the Yeo et al. 2011 17 network parcellation) unpack from the **012345_Restin_parcel_yeo** package to the following directory structure:

MEG/Restin/icablpenv/

012345_MEG_3-Restin_icablpenv_alpha.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_icablpenv_betahigh.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_icablpenv_betalow.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_icablpenv_delta.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_icablpenv_gammahigh.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_icablpenv_gammalow.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_icablpenv_gammamid.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_icablpenv_theta.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_icablpenv_whole.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_icablpenv_alpha.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_icablpenv_betahigh.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_icablpenv_betalow.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_icablpenv_delta.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_icablpenv_gammahigh.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_icablpenv_gammalow.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_icablpenv_gammamid.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_icablpenv_theta.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_icablpenv_whole.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_icablpenv_alpha.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_icablpenv_betahigh.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_icablpenv_betalow.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_icablpenv_delta.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_icablpenv_gammahigh.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_icablpenv_gammalow.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_icablpenv_gammamid.power.Yeo2011.ptseries.nii

012345_MEG_5-Restin_icablpenv_theta.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_icablpenv_whole.power.Yeo2011.ptseries.nii
Yeo2011_17Networks.LR.min50sqmm.4k_fs_LR.dlabel.nii

Icablpcorr

The results of the icablpcorr pipeline (only for Resting state scans) unpack from the **012345_Restin_dconn** package to the following directory structure:

MEG/Restin/icablpcorr/

012345_MEG_Restin_icablpcorr_alpha.blpcorr.dconn.nii
012345_MEG_Restin_icablpcorr_betahigh.blpcorr.dconn.nii
012345_MEG_Restin_icablpcorr_betalow.blpcorr.dconn.nii
012345_MEG_Restin_icablpcorr_delta.blpcorr.dconn.nii
012345_MEG_Restin_icablpcorr_gammahigh.blpcorr.dconn.nii
012345_MEG_Restin_icablpcorr_gammalow.blpcorr.dconn.nii
012345_MEG_Restin_icablpcorr_gammamid.blpcorr.dconn.nii
012345_MEG_Restin_icablpcorr_theta.blpcorr.dconn.nii
012345_MEG_Restin_icablpcorr_whole.blpcorr.dconn.nii

figures/

012345_MEG_Restin_icablpcorr_alpha.blpcorr.png
012345_MEG_Restin_icablpcorr_alpha.blpcorr_parc.png
012345_MEG_Restin_icablpcorr_alpha.blpcorr_L-CS.png
012345_MEG_Restin_icablpcorr_alpha.blpcorr_L-PCC.png
012345_MEG_Restin_icablpcorr_alpha.blpcorr_L-S2.png
012345_MEG_Restin_icablpcorr_alpha.blpcorr_R-CS.png
012345_MEG_Restin_icablpcorr_alpha.blpcorr_R-vCS.png
012345_MEG_Restin_icablpcorr_betahigh.blpcorr.png
012345_MEG_Restin_icablpcorr_betahigh.blpcorr_parc.png
012345_MEG_Restin_icablpcorr_betahigh.blpcorr_L-CS.png
012345_MEG_Restin_icablpcorr_betahigh.blpcorr_L-PCC.png
012345_MEG_Restin_icablpcorr_betahigh.blpcorr_L-S2.png
012345_MEG_Restin_icablpcorr_betahigh.blpcorr_R-CS.png
012345_MEG_Restin_icablpcorr_betahigh.blpcorr_R-vCS.png
012345_MEG_Restin_icablpcorr_betalow.blpcorr.png
012345_MEG_Restin_icablpcorr_betalow.blpcorr_parc.png
012345_MEG_Restin_icablpcorr_betalow.blpcorr_L-CS.png
012345_MEG_Restin_icablpcorr_betalow.blpcorr_L-PCC.png
012345_MEG_Restin_icablpcorr_betalow.blpcorr_L-S2.png
012345_MEG_Restin_icablpcorr_betalow.blpcorr_R-CS.png
012345_MEG_Restin_icablpcorr_betalow.blpcorr_R-vCS.png
012345_MEG_Restin_icablpcorr_delta.blpcorr.png
012345_MEG_Restin_icablpcorr_delta.blpcorr_parc.png

012345_MEG_Restin_icablpcorr_delta.blpcorr_L-CS.png
012345_MEG_Restin_icablpcorr_delta.blpcorr_L-PCC.png
012345_MEG_Restin_icablpcorr_delta.blpcorr_L-S2.png
012345_MEG_Restin_icablpcorr_delta.blpcorr_R-CS.png
012345_MEG_Restin_icablpcorr_delta.blpcorr_R-vCS.png
012345_MEG_Restin_icablpcorr_gammahigh.blpcorr.png
012345_MEG_Restin_icablpcorr_gammahigh.blpcorr_parc.png
012345_MEG_Restin_icablpcorr_gammahigh.blpcorr_L-CS.png
012345_MEG_Restin_icablpcorr_gammahigh.blpcorr_L-PCC.png
012345_MEG_Restin_icablpcorr_gammahigh.blpcorr_L-S2.png
012345_MEG_Restin_icablpcorr_gammahigh.blpcorr_R-CS.png
012345_MEG_Restin_icablpcorr_gammahigh.blpcorr_R-vCS.png
012345_MEG_Restin_icablpcorr_gammalow.blpcorr.png
012345_MEG_Restin_icablpcorr_gammalow.blpcorr_parc.png
012345_MEG_Restin_icablpcorr_gammalow.blpcorr_L-CS.png
012345_MEG_Restin_icablpcorr_gammalow.blpcorr_L-PCC.png
012345_MEG_Restin_icablpcorr_gammalow.blpcorr_L-S2.png
012345_MEG_Restin_icablpcorr_gammalow.blpcorr_R-CS.png
012345_MEG_Restin_icablpcorr_gammalow.blpcorr_R-vCS.png
012345_MEG_Restin_icablpcorr_gammamid.blpcorr.png
012345_MEG_Restin_icablpcorr_gammamid.blpcorr_parc.png
012345_MEG_Restin_icablpcorr_gammamid.blpcorr_L-CS.png
012345_MEG_Restin_icablpcorr_gammamid.blpcorr_L-PCC.png
012345_MEG_Restin_icablpcorr_gammamid.blpcorr_L-S2.png
012345_MEG_Restin_icablpcorr_gammamid.blpcorr_R-CS.png
012345_MEG_Restin_icablpcorr_gammamid.blpcorr_R-vCS.png
012345_MEG_Restin_icablpcorr_theta.blpcorr.png
012345_MEG_Restin_icablpcorr_theta.blpcorr_parc.png
012345_MEG_Restin_icablpcorr_theta.blpcorr_L-CS.png
012345_MEG_Restin_icablpcorr_theta.blpcorr_L-PCC.png
012345_MEG_Restin_icablpcorr_theta.blpcorr_L-S2.png
012345_MEG_Restin_icablpcorr_theta.blpcorr_R-CS.png
012345_MEG_Restin_icablpcorr_theta.blpcorr_R-vCS.png
012345_MEG_Restin_icablpcorr_whole.blpcorr.png
012345_MEG_Restin_icablpcorr_whole.blpcorr_parc.png
012345_MEG_Restin_icablpcorr_whole.blpcorr_L-CS.png
012345_MEG_Restin_icablpcorr_whole.blpcorr_L-PCC.png
012345_MEG_Restin_icablpcorr_whole.blpcorr_L-S2.png
012345_MEG_Restin_icablpcorr_whole.blpcorr_R-CS.png
012345_MEG_Restin_icablpcorr_whole.blpcorr_R-vCS.png

provenance/

012345_MEG_Restin_icablpcorr_alpha.blpcorr.png.xml
012345_MEG_Restin_icablpcorr_alpha.blpcorr_parc.png.xml
012345_MEG_Restin_icablpcorr_alpha.blpcorr_L-CS.png.xml

012345_MEG_Restin_icablpcorr_alpha.blpcorr_L-PCC.png.xml
etc. for all .png files in MEG/ Restin/icablpcorr /figures

provenance/

012345_MEG_Restin_icablpcorr_alpha.blpcorr.dconn.nii.xml
012345_MEG_Restin_icablpcorr_betahigh.blpcorr.dconn.nii.xml
012345_MEG_Restin_icablpcorr_betalow.blpcorr.dconn.nii.xml
etc. for all .dconn.nii files in MEG/Restin/icablpcorr/

Icablpcorr parcellated results

The parcellated results of the icablpcorr pipeline (only for Resting state scans) (using the Yeo et al. 2011 17 network parcellation) unpack from the **012345_Restin_parcel_yeo** package to the following directory structure:

MEG/restin/icablpcorr

012345_MEG_Restin_icablpcorr_alpha.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_icablpcorr_betahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_icablpcorr_betalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_icablpcorr_delta.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_icablpcorr_gammahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_icablpcorr_gammalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_icablpcorr_gammamid.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_icablpcorr_theta.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_icablpcorr_whole.blpcorr.Yeo2011.pconn.nii
Yeo2011_17Networks.LR.min50sqmm.4k_fs_LR.dlabel.nii

Icaimagcoh

The results of the icaimagcoh pipeline (only for Resting state scans) unpack from the **012345_Restin_dconn** package to the following directory structure:

MEG/Restin/icaimagcoh/

012345_MEG_3-Restin_icaimagcoh_alpha.dconn.nii
012345_MEG_3-Restin_icaimagcoh_betahigh.dconn.nii
012345_MEG_3-Restin_icaimagcoh_betalow.dconn.nii
012345_MEG_3-Restin_icaimagcoh_delta.dconn.nii
012345_MEG_3-Restin_icaimagcoh_gammahigh.dconn.nii
012345_MEG_3-Restin_icaimagcoh_gammalow.dconn.nii
012345_MEG_3-Restin_icaimagcoh_gammamid.dconn.nii
012345_MEG_3-Restin_icaimagcoh_theta.dconn.nii
012345_MEG_4-Restin_icaimagcoh_alpha.dconn.nii
012345_MEG_4-Restin_icaimagcoh_betahigh.dconn.nii

012345_MEG_4-Restin_icaimagcoh_betalow.dconn.nii
012345_MEG_4-Restin_icaimagcoh_delta.dconn.nii
012345_MEG_4-Restin_icaimagcoh_gammahigh.dconn.nii
012345_MEG_4-Restin_icaimagcoh_gammalow.dconn.nii
012345_MEG_4-Restin_icaimagcoh_gammamid.dconn.nii
012345_MEG_4-Restin_icaimagcoh_theta.dconn.nii
012345_MEG_5-Restin_icaimagcoh_alpha.dconn.nii
012345_MEG_5-Restin_icaimagcoh_betahigh.dconn.nii
012345_MEG_5-Restin_icaimagcoh_betalow.dconn.nii
012345_MEG_5-Restin_icaimagcoh_delta.dconn.nii
012345_MEG_5-Restin_icaimagcoh_gammahigh.dconn.nii
012345_MEG_5-Restin_icaimagcoh_gammalow.dconn.nii
012345_MEG_5-Restin_icaimagcoh_gammamid.dconn.nii
012345_MEG_5-Restin_icaimagcoh_theta.dconn.nii

provenance/

012345_MEG_3-Restin_icaimagcoh_alpha.dconn.nii.xml
012345_MEG_3-Restin_icaimagcoh_betahigh.dconn.nii.xml
012345_MEG_3-Restin_icaimagcoh_betalow.dconn.nii.xml
etc. for all .dconn.nii files in MEG/Restin/icaimagcoh/

Icaimagcoh parcellated results

The parcellated results of the icaimagcoh pipeline (only for Resting state scans) (using the Yeo et al. 2011 17 network parcellation) unpack from the **012345_Restin_parcel_yeo** package to the following directory structure:

MEG/restin/icaimagcoh

012345_MEG_3-Restin_icaimagcoh_alpha.blpcorr.Yeo2011.pconn.nii
012345_MEG_3-Restin_icaimagcoh_betahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_3-Restin_icaimagcoh_betalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_3-Restin_icaimagcoh_delta.blpcorr.Yeo2011.pconn.nii
012345_MEG_3-Restin_icaimagcoh_gammahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_3-Restin_icaimagcoh_gammalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_3-Restin_icaimagcoh_gammamid.blpcorr.Yeo2011.pconn.nii
012345_MEG_3-Restin_icaimagcoh_theta.blpcorr.Yeo2011.pconn.nii
012345_MEG_4-Restin_icaimagcoh_alpha.blpcorr.Yeo2011.pconn.nii
012345_MEG_4-Restin_icaimagcoh_betahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_4-Restin_icaimagcoh_betalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_4-Restin_icaimagcoh_delta.blpcorr.Yeo2011.pconn.nii
012345_MEG_4-Restin_icaimagcoh_gammahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_4-Restin_icaimagcoh_gammalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_4-Restin_icaimagcoh_gammamid.blpcorr.Yeo2011.pconn.nii
012345_MEG_4-Restin_icaimagcoh_theta.blpcorr.Yeo2011.pconn.nii
012345_MEG_5-Restin_icaimagcoh_alpha.blpcorr.Yeo2011.pconn.nii

012345_MEG_5-Restin_icaimagcoh_betahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_5-Restin_icaimagcoh_betalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_5-Restin_icaimagcoh_delta.blpcorr.Yeo2011.pconn.nii
012345_MEG_5-Restin_icaimagcoh_gammahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_5-Restin_icaimagcoh_gammalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_5-Restin_icaimagcoh_gammamid.blpcorr.Yeo2011.pconn.nii
012345_MEG_5-Restin_icaimagcoh_theta.blpcorr.Yeo2011.pconn.nii
Yeo2011_17Networks.LR.min50sqmm.4k_fs_LR.dlabel.nii

Bfblpenv

The results of the bfblpenv pipeline (only for Resting state scans) unpack from the **012345_Restin_dtseries** package to the following directory structure:

MEG/Restin/bfblpenv/

012345_MEG_3-Restin_bfblpenv_alpha.power.dtseries.nii
012345_MEG_3-Restin_bfblpenv_betahigh.power.dtseries.nii
012345_MEG_3-Restin_bfblpenv_betalow.power.dtseries.nii
012345_MEG_3-Restin_bfblpenv_delta.power.dtseries.nii
012345_MEG_3-Restin_bfblpenv_gammahigh.power.dtseries.nii
012345_MEG_3-Restin_bfblpenv_gammalow.power.dtseries.nii
012345_MEG_3-Restin_bfblpenv_gammamid.power.dtseries.nii
012345_MEG_3-Restin_bfblpenv_theta.power.dtseries.nii
012345_MEG_4-Restin_bfblpenv_alpha.power.dtseries.nii
012345_MEG_4-Restin_bfblpenv_betahigh.power.dtseries.nii
012345_MEG_4-Restin_bfblpenv_betalow.power.dtseries.nii
012345_MEG_4-Restin_bfblpenv_delta.power.dtseries.nii
012345_MEG_4-Restin_bfblpenv_gammahigh.power.dtseries.nii
012345_MEG_4-Restin_bfblpenv_gammalow.power.dtseries.nii
012345_MEG_4-Restin_bfblpenv_gammamid.power.dtseries.nii
012345_MEG_4-Restin_bfblpenv_theta.power.dtseries.nii
012345_MEG_5-Restin_bfblpenv_alpha.power.dtseries.nii
012345_MEG_5-Restin_bfblpenv_betahigh.power.dtseries.nii
012345_MEG_5-Restin_bfblpenv_betalow.power.dtseries.nii
012345_MEG_5-Restin_bfblpenv_delta.power.dtseries.nii
012345_MEG_5-Restin_bfblpenv_gammahigh.power.dtseries.nii
012345_MEG_5-Restin_bfblpenv_gammalow.power.dtseries.nii
012345_MEG_5-Restin_bfblpenv_gammamid.power.dtseries.nii
012345_MEG_5-Restin_bfblpenv_theta.power.dtseries.nii

provenance/

012345_MEG_3-Restin_bfblpenv_alpha.power.dtseries.nii.xml
012345_MEG_3-Restin_bfblpenv_betahigh.power.dtseries.nii.xml
012345_MEG_3-Restin_bfblpenv_betalow.power.dtseries.nii.xml

etc for all .dtseries.nii files in MEG/Restin/bfblpenv/

Bfblpenv parcellated results

The parcellated results of the bfblpenv pipeline (only for Resting state scans) (using the Yeo et al. 2011 17 network parcellation) unpack from the **012345_Restin_parcel_yeo** package to the following directory structure:

MEG/Restin/bfblpenv/

012345_MEG_3-Restin_bfblpenv_alpha.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_bfblpenv_betahigh.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_bfblpenv_betalow.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_bfblpenv_delta.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_bfblpenv_gammahigh.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_bfblpenv_gammalow.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_bfblpenv_gammamid.power.Yeo2011.ptseries.nii
012345_MEG_3-Restin_bfblpenv_theta.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_bfblpenv_alpha.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_bfblpenv_betahigh.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_bfblpenv_betalow.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_bfblpenv_delta.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_bfblpenv_gammahigh.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_bfblpenv_gammalow.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_bfblpenv_gammamid.power.Yeo2011.ptseries.nii
012345_MEG_4-Restin_bfblpenv_theta.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_bfblpenv_alpha.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_bfblpenv_betahigh.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_bfblpenv_betalow.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_bfblpenv_delta.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_bfblpenv_gammahigh.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_bfblpenv_gammalow.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_bfblpenv_gammamid.power.Yeo2011.ptseries.nii
012345_MEG_5-Restin_bfblpenv_theta.power.Yeo2011.ptseries.nii
Yeo2011_17Networks.LR.min50sqmm.4k_fs_LR.dlabel.nii

Bfblpcorr

The results of the bfblpcorr pipeline (only for Resting state scans) unpack from the **012345 _Restin_dconn** package to the following directory structure:

MEG/Restin/bfblpcorr/

012345_MEG_Restin_bfblpcorr_alpha.blpcorr.dconn.nii

012345_MEG_Restoin_bfblpcorr_betahigh.blpcorr.dconn.nii
012345_MEG_Restin_bfblpcorr_betalow.blpcorr.dconn.nii
012345_MEG_Restin_bfblpcorr_delta.blpcorr.dconn.nii
012345_MEG_Restin_bfblpcorr_gammahigh.blpcorr.dconn.nii
012345_MEG_Restin_bfblpcorr_gammalow.blpcorr.dconn.nii
012345_MEG_Restin_bfblpcorr_gammamid.blpcorr.dconn.nii
012345_MEG_Restin_bfblpcorr_theta.blpcorr.dconn.nii

figures/

012345_MEG_Restin_bfblpcorr_alpha.blpcorr.png
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_parc.png
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_L-CS.png
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_L-PCC.png
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_L-S2.png
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_R-CS.png
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_R-vCS.png
012345_MEG_Restin_bfblpcorr_betahigh.blpcorr.png
012345_MEG_Restin_bfblpcorr_betahigh.blpcorr_parc.png
012345_MEG_Restin_bfblpcorr_betahigh.blpcorr_L-CS.png
012345_MEG_Restin_bfblpcorr_betahigh.blpcorr_R-CS.png
etc. for all other frequency bands/views as is listed in MEG/Restin/icablpcorr/figures

provenance/

012345_MEG_Restin_bfblpcorr_alpha.blpcorr.png.xml
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_parc.png.xml
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_L-CS.png.xml
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_L-PCC.png.xml
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_L-S2.png.xml
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_R-CS.png.xml
012345_MEG_Restin_bfblpcorr_alpha.blpcorr_view_R-vCS.png.xml
etc. for all other frequency bands/views in MEG/Restin/bfblpcorr/figures

provenance/

012345_MEG_Restin_bfblpcorr_alpha.blpcorr.dconn.nii.xml
012345_MEG_Restin_bfblpcorr_betahigh.blpcorr.dconn.nii.xml
012345_MEG_Restin_bfblpcorr_betalow.blpcorr.dconn.nii.xml
012345_MEG_Restin_bfblpcorr_delta.blpcorr.dconn.nii.xml
012345_MEG_Restin_bfblpcorr_gammahigh.blpcorr.dconn.nii.xml
012345_MEG_Restin_bfblpcorr_gammalow.blpcorr.dconn.nii.xml
012345_MEG_Restin_bfblpcorr_gammamid.blpcorr.dconn.nii.xml
012345_MEG_Restin_bfblpcorr_theta.blpcorr.dconn.nii.xml

Bfblpcorr parcellated results

The parcellated results of the bfblpcorr pipeline (only for Resting state scans) (using the Yeo et al. 2011 17 network parcellation) unpack from the **012345_Restin_parcel_yeo** package to the following directory structure:

MEG/restin/bfblpcorr

012345_MEG_Restin_bfblpcorr_alpha.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_bfblpcorr_betahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_bfblpcorr_betalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_bfblpcorr_delta.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_bfblpcorr_gammahigh.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_bfblpcorr_gammalow.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_bfblpcorr_gammamid.blpcorr.Yeo2011.pconn.nii
012345_MEG_Restin_bfblpcorr_theta.blpcorr.Yeo2011.pconn.nii
Yeo2011_17Networks.LR.min50sqmm.4k_fs_LR.dlabel.nii

Srcavglcmv

The results of the srcavglcmv (only for Working Memory and Motor Task scans) pipeline unpack from the **012345_[Task]_dtseries** package to the following directory structure:

MEG/Wrkmem/srcavglcmv/

012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-0B]_[IT-avg].power.dtseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-2B]_[IT-avg].power.dtseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-FIX]_[IT-all].power.dscalar.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-FIX]_[IT-avg].power.dscalar.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-face]_[IT-avg].power.dtseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-tool]_[IT-avg].power.dtseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-0B]_[IT-avg].power.dtseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-2B]_[IT-avg].power.dtseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-FIX]_[IT-all].power.dscalar.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-FIX]_[IT-avg].power.dscalar.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-face]_[IT-avg].power.dtseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-tool]_[IT-avg].power.dtseries.nii

figures/

012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-0B]_[IT-avg]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-2B]_[IT-avg]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-FIX]_[IT-all]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-FIX]_[IT-avg]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-face]_[IT-avg]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-tool]_[IT-avg]_plot.png

012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-0B]_[IT-avg]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-2B]_[IT-avg]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-FIX]_[IT-all]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-FIX]_[IT-avg]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-face]_[IT-avg]_plot.png
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-tool]_[IT-avg]_plot.png

provenance/

012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-0B]_[IT-avg]_plot.png.xml
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-2B]_[IT-avg]_plot.png.xml
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-FIX]_[IT-all]_plot.png.xml
etc. for all .png files in MEG/Wrkmem/srcavglcmv/figures

provenance/

012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-0B]_[IT-avg].power.dtseries.nii.xml
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-2B]_[IT-avg].power.dtseries.nii.xml
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-FIX]_[IT-all].power.dscalar.nii.xml
etc. for all .dtseries.nii and .dscalar.nii files in MEG/Wrkmem/srcavglcmv/

MEG/Motort/srcavglcmv/

012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-all].power.dscalar.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-avg].power.dscalar.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-LF]_[IT-avg].power.dtseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-LH]_[IT-avg].power.dtseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-RF]_[IT-avg].power.dtseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-RH]_[IT-avg].power.dtseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-FIX]_[IT-all].power.dscalar.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-FIX]_[IT-avg].power.dscalar.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-LF]_[IT-avg].power.dtseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-LH]_[IT-avg].power.dtseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-RF]_[IT-avg].power.dtseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-RH]_[IT-avg].power.dtseries.nii

figures/

012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-all]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-avg]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TEMG-LF]_[IT-avg]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TEMG-LH]_[IT-avg]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TEMG-RF]_[IT-avg]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TEMG-RH]_[IT-avg]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TFLA-FIX]_[IT-all]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TFLA-FIX]_[IT-avg]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TFLA-LF]_[IT-avg]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TFLA-LH]_[IT-avg]_plot.png
012345_MEG_Motort_srcavglcmv_[LM-TFLA-RF]_[IT-avg]_plot.png

012345_MEG_Motort_srcavglcmv_[LM-TFLA-RH]_[IT-avg]_plot.png

provenance/

012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-all]_plot.png.xml
012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-avg]_plot.png.xml
012345_MEG_Motort_srcavglcmv_[LM-TEMG-LF]_[IT-avg]_plot.png.xml
etc. for all .png files in MEG/Motort/srcavglcmv/figures

provenance/

012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-all].power.dscalar.nii.xml
012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-avg].power.dscalar.nii.xml
012345_MEG_Motort_srcavglcmv_[LM-TEMG-LF]_[IT-avg].power.dtseries.nii.xml
etc. for all .dtseries.nii and .dscalar.nii files in MEG/Motort/srcavglcmv/

Srcavglcmv Parcellated Results

The parcellated results of the srcavglcmv (only for Working Memory and Motor Task scans) pipeline (using the Yeo et al. 2011 17 network parcellation) unpack from the **012345_[Task]_parcel_yeo** package to the following directory structure:

MEG/Wrkmem/srcavglcmv/

012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-0B]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-2B]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-face]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-tool]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-FIX]_[IT-all].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TIM-FIX]_[IT-avg].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-0B]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-2B]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-face]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-tool]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-FIX]_[IT-all].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavglcmv_[LM-TRESP-FIX]_[IT-avg].power.Yeo2011.pscalar.nii
Yeo2011_17Networks.LR.min50sqmm.4k_fs_LR.dlabel.nii

MEG/Motort/srcavglcmv/

012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-all].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-FIX]_[IT-avg].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-LF]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-LH]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-RF]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TEMG-RH]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-FIX]_[IT-all].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-FIX]_[IT-avg].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-LF]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-LH]_[IT-avg].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavglcmv_[LM-TFLA-RF]_[IT-avg].power.Yeo2011.ptseries.nii

012345_MEG_Motort_srcavglcmv_[LM-TFLA-RH]_[IT-avg].power.Yeo2011.ptseries.nii
Yeo2011_17Networks.LR.min50sqmm.4k_fs_LR.dlabel.nii

Srcavgdics

The results of the srcavgdics pipeline (only for Working Memory and Motor Task scans) unpack from the **012345_[Task]_dtseries** package to the following directory structure:

MEG/Wrkmem/srcavgdics/

012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-alpha].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-delta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-gammalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-gammamid].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-theta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-alpha].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-betahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-betalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-delta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-gammalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-gammamid].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-theta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-alpha].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-betahigh].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-betalow].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-delta].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-gammahigh].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-gammalow].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-gammamid].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-theta].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-alpha].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-betahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-betalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-delta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-gammalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-gammamid].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-theta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-alpha].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-betahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-betalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-delta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-gammalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-gammamid].power.dtseries.nii

012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-theta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-alpha].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-betalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-betahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-betalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-delta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-gammalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-gammamid].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-theta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-alpha].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-betahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-delta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-gammalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-gammamid].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-theta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-alpha].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-betahigh].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-betalow].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-delta].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-gammahigh].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-gammalow].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-gammamid].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-theta].power.dscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-alpha].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-betahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-betalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-delta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-gammalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-gammamid].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-theta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-alpha].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-betahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-betalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-delta].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-gammalow].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-gammamid].power.dtseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-theta].power.dtseries.nii

figures/

012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-alpha]_plot.png
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betahigh]_plot.png
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betalow]_plot.png
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-delta]_plot.png
etc. for all .dtseries.nii and .dscalar.nii files in MEG/Wrkmem/srcavgdics/

provenance/

012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-alpha]_plot.png.xml
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betahigh]_plot.png.xml
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betalow]_plot.png.xml
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-delta]_plot.png.xml
etc. for all .png files in MEG/Wrkmem/srcavglcmv/figures

provenance/

012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-alpha].power.dtseries.nii.xml
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betahigh].power.dtseries.nii.xml
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betalow].power.dtseries.nii.xml
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-delta].power.dtseries.nii.xml
etc. for all .dtseries.nii and .dscalar.nii files in MEG/Wrkmem/srcavgdics/

For the motor task the srcavgdics pipeline includes both source reconstructed power and coherence with the EMG of the corresponding hand or foot. The results unpack to the following directory structure:

MEG/Motort/srcavgdics/

012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-alpha].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betahigh].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betalow].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-delta].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-gammahigh].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-gammalow].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-gammamid].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-theta].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-alpha].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-betahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-betalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-delta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-gammahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-gammalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-gammamid].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-theta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-alpha].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-betahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-betalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-delta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-gammalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-gammamid].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-theta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-alpha].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-betahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-betalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-delta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-gammahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-gammalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-gammamid].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-theta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-alpha].power.dtseries.nii

012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-betahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-betalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-delta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-gammalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-gammamid].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-theta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-alpha].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-betahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-betalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-delta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-gammahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-gammalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-gammamid].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-theta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-alpha].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-betahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-betalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-delta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-gammalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-gammamid].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-theta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-alpha].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-betahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-betalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-delta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-gammahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-gammalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-gammamid].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-theta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-alpha].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-betahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-betalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-delta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-gammalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-gammamid].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-theta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-alpha].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-betahigh].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-betalow].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-delta].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-gammahigh].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-gammalow].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-gammamid].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-theta].power.dscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-alpha].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-betahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-betalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-delta].emgcoh.dtseries.nii

012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-gammahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-gammalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-gammamid].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-theta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-alpha].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-betahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-betalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-delta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-gammalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-gammamid].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-theta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-alpha].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-betahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-betalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-delta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-gammahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-gammalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-gammamid].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-theta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-alpha].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-betahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-betalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-delta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-gammalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-gammamid].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-theta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-alpha].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-betahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-betalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-delta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-gammahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-gammalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-gammamid].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-theta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-alpha].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-betahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-betalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-delta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-gammalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-gammamid].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-theta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-betahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-alpha].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-betalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-delta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-gammahigh].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-gammalow].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-gammamid].emgcoh.dtseries.nii

012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-theta].emgcoh.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-alpha].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-betahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-betalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-delta].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-gammahigh].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-gammalow].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-gammamid].power.dtseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-theta].power.dtseries.nii

figures/

012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-alpha]_plot.png
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betahigh]_plot.png
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betalow]_plot.png
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-delta]_plot.png
etc. for all .dtseries.nii and .dscalar.nii files in MEG/Motort/srcavgdics/

provenance/

012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-alpha]_plot.png.xml
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betahigh]_plot.png.xml
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betalow]_plot.png.xml
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-delta]_plot.png.xml
etc. for all .png files in MEG/Motort/srcavglcmv/figures

provenance/

012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-alpha].power.dscalar.nii.xml
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betahigh].power.dscalar.nii.xml
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betalow].power.dscalar.nii.xml
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-delta].power.dscalar.nii.xml
etc. for all .dtseries.nii and .dscalar.nii files in MEG/Motort/srcavgdics/

Srcavgdics Parcellated Results

The parcellated results of the srcavgdics (only for Working Memory and Motor Task scans) pipeline (using the Yeo et al. 2011 17 network parcellation) unpack from the **012345_[Task]_parcel_yeo** package to the following directory structure:

MEG/Wrkmem/srcavgdics/

012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-0B]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-betahigh].power.Yeo2011.ptseries.nii

012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-2B]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-alpha].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-betahigh].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-betalow].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-delta].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-gammahigh].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-gammalow].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-gammamid].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-FIX]_[FB-theta].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-face]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TIM-tool]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-0B]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-2B]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-alpha].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-betahigh].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-betalow].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-delta].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-gammahigh].power.Yeo2011.pscalar.nii

012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-gammalow].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-gammamid].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-FIX]_[FB-theta].power.Yeo2011.pscalar.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-face]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Wrkmem_srcavgdics_[LM-TRESP-tool]_[FB-theta].power.Yeo2011.ptseries.nii
Yeo2011_17Networks.LR.min50sqmm.4k_fs_LR.dlabel.nii

MEG/Motort/srcavgdics/

012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-alpha].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betahigh].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-betalow].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-delta].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-gammahigh].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-gammalow].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-gammamid].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-FIX]_[FB-theta].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-alpha].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-betahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-betalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-delta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-gammahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-gammalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-gammamid].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[CM-emgcoh]_[FB-theta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LF]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-alpha].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-betahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-betalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-delta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-gammahigh].emgcoh.Yeo2011.ptseries.nii

012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-gammalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-gammamid].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[CM-emgcoh]_[FB-theta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-LH]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-alpha].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-betahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-betalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-delta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-gammahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-gammalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-gammamid].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[CM-emgcoh]_[FB-theta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RF]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-alpha].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-betahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-betalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-delta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-gammahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-gammalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-gammamid].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[CM-emgcoh]_[FB-theta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TEMG-RH]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-alpha].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-betahigh].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-betalow].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-delta].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-gammahigh].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-gammalow].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-gammamid].power.Yeo2011.pscalar.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-FIX]_[FB-theta].power.Yeo2011.pscalar.nii

012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-alpha].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-betahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-betalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-delta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-gammahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-gammalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-gammamid].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[CM-emgcoh]_[FB-theta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LF]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-alpha].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-betahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-betalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-delta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-gammahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-gammalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-gammamid].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[CM-emgcoh]_[FB-theta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-LH]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-alpha].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-betahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-betalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-delta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-gammahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-gammalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-gammamid].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[CM-emgcoh]_[FB-theta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RF]_[FB-theta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-betahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-alpha].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-betalow].emgcoh.Yeo2011.ptseries.nii

012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-delta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-gammahigh].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-gammalow].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-gammamid].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[CM-emgcoh]_[FB-theta].emgcoh.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-alpha].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-betahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-betalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-delta].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-gammahigh].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-gammalow].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-gammamid].power.Yeo2011.ptseries.nii
012345_MEG_Motort_srcavgdics_[LM-TFLA-RH]_[FB-theta].power.Yeo2011.ptseries.nii
Yeo2011_17Networks.LR.min50sqmm.4k_fs_LR.dlabel.nii