AnonymousPlatypus

URL Sentences DOI

3.1.3.1 [‘In addition, as introduced in Section 3.1.3.1 ‘Classical image processing’, RST outputs voxel-wise maps with intensities indicating local radial symmetry, and can therefore be used as shape features in clas-sical machine learning approaches (Roy et al., 2015).’ *[Not a URL]*] 10.1016/j.neuroimage.2022.119528

I.E.J.de [‘Vries, I.E.J.de, Driel, J.van, Olivers, C.N.L., 2017.’ *[Not a URL]*] 10.1016/j.neuroimage.2022.119513

IEEG.org [‘All electrode coordinates and labels were saved and matched with the electrode names on IEEG.org.’ *[Resource]*] 10.1016/j.neuroimage.2022.118986

S.Lifestyle [‘Wen, J., Thibeau-Sutre, E., Diaz-Melo, M., Samper-Gonzalez, J., Routier, A., Bot-tani, S.Lifestyle flagship study of, a, 2020.’ *[Not a URL]*] 10.1016/j.neuroimage.2022.119353

adni.loni.usc.edu [‘∗ Data used in preparation of this article were obtained from the Alzheimer’s Disease Neuroimaging Initiative (ADNI) database (adni.loni.usc.edu).’, ‘A complete listing of ADNI investigators can be found at: http://adni.loni.usc.edu/wp-content/uploads/how_to_apply/ADNI_Acknowledgement_List.pdf.’, ‘GE(N = 232) Philips (N = 172) Siemens (N = 537) Total (N = 941) p-value ADNI Memory 0.043 -Mean (SD) 0.38(0.95) 0.36(0.92) 0.52(0.90) 0.45(0.91) Diagnosis, n(%) 0.034 -CN 99(42.7%) 64(37.2%) 254(47.3%) 417(44.3%) -MCI 87(37.5%) 77(44.8%) 214(39.9%) 378(40.2%) -AD 46(19.8%) 31(18.0%) 69(12.8%) 146(15.5%) Age 0.803 -Mean (SD) 72.62(7.13) 72.50(6.86) 72.26(7.36) 72.40(7.21) Gender, n(%) 0.307 -Female 109(47.0%) 83(48.3%) 282(52.5%) 474(50.4%) -Male 123(53.0%) 89(51.7%) 255(47.5%) 467(49.6%) PT Education 0.665 -Mean (SD) 16.31(2.64) 16.38(2.58) 16.49(2.46) 16.42(2.53) NART IQ 0.365 -N-Miss

10 5 2 17 -Mean (SD) 115.53 (11.55) 116.05 (11.31) 116.77 (11.07) 116.35 (11.23) Detailed inclusion and exclusion criteria for the ADNI study can be found at adni.loni.usc.edu.', 'More de-tails concerning the sMRI images is available on the ADNI homepage (http://adni.loni.usc.edu/methods/mri-tool/mri-analysis/).' *[Resource, Dataset]*] 10.1016/j.neuroimage.2022.119353

afni.nimh.nih.gov/pub/dist/doc/program_help/3dToutcount.html ['Outliers were defined in relation to the median absolute deviation of the signal time course (see afni.nimh.nih.gov/pub/dist/doc/program_help/3dToutcount.html for outlier definition).' *[Resource]*] 10.1016/j.neuroimage.2022.119278

cai2r.net ['cai2r.net), a NIBIB Biomedical Technology Resource Center (NIH P41-EB017183). *[Not enough information]*'] 10.1016/j.neuroimage.2022.119290

github.com/joramvd/tfdecomp ['Time-frequency analysis We decomposed the epoched EEG time series into time-frequency representations with custom-written MATLAB scripts (github.com/joramvd/tfdecomp).', 'Code and data availability The code we used for preprocessing EEG are available at https://github.com/joramvd/eegpreproc; The code we used for performing time-frequency analysis are available at https://github.com/joramvd/tfdecomp.' *[Analysis]*] 10.1016/j.neuroimage.2022.119513

http://adni.loni.usc.edu/methods/mri-tool/mri-analysis/ ['More de-tails concerning the sMRI images is available on the ADNI homepage (http://adni.loni.usc.edu/methods/mri-tool/mri-analysis/).' *[Resource]*] 10.1016/j.neuroimage.2022.119353

http://adni.loni.usc.edu/wp-content/uploads/how_to_apply/ADNI_Acknowledgement_List.pdf ['A complete listing of ADNI investigators can be found at: http://adni.loni.usc.edu/wp-content/uploads/how_to_apply/ADNI_Acknowledgement_List.pdf.' *[Resource]*] 10.1016/j.neuroimage.2022.119353 http://danielsoleil.com ['EMC-ZM (Electromagnetic Compatibility -Zero Method, Soleil et al., 1992 , http://danielsoleil.com) measurements were performed and uncovered that the EEG recording room was full of noisy sources from electrical power distribution. *[Resource]*'] 10.1016/j.neuroimage.2022.119116

http://dsi-studio.labsolver.org ['Structural network generation DSI-Studio (http://dsi-studio.labsolver.org , version: December 2020) was used to reconstruct the orientation density functions within each voxel using generalized q-sample imaging with a diffusion sampling length ratio of 1.25 (Fang-Cheng et al., 2010).' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.118986

http://enigma.ini.usc.edu/protocols/imaging-protocols/ ['To check the quality of the FreeSurfer outputs, we followed the Enigma protocol (http://enigma.ini.usc.edu/protocols/imaging-protocols/).' *[Resource]*] 10.1016/j.neuroimage.2022.119507

http://fcon_1000.projects.nitrc.org/indi/abide/ ['The data analyzed in this study were all downloaded from ABIDE repositories: http://preprocessed-connectomes-project.org/and http://fcon_1000.projects.nitrc.org/indi/abide/.', 'The data analyzed in this study were all downloaded from ABIDE repositories: http://preprocessed-connectomes-project.org/and http://fcon_1000.projects.nitrc.org/indi/abide/.' *[Dataset]*] 10.1016/j.neuroimage.2022.119212

http://fcon_1000.projects.nitrc.org/indi/cmi_healthy_brain_network/sharing.html ['Data and code availability statement The data used in this study for inference and benchmarking are open-source: HCP (https://db.humanconnectome.org), HBN (http://fcon_1000.projects.nitrc.org/indi/cmi_healthy_brain_network/sharing.html), and PNC (https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id = phs000607.v3.p2).', 'Data and Code Availability The data used in this study for inference and benchmarking are open-source: HCP (https://db.humanconnectome.org), HBN (http://fcon_1000.projects.nitrc.org/indi/cmi_healthy_brain_network/sharing.html), and PNC (https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id = phs000607.v3.p2).' *[Dataset]*] 10.1016/j.neuroimage.2022.119742

http://fcon_1000.projects.nitrc.org/indi/retro/yale_hires.html ['The Yale data used in this study to construct edge-centric networks are open-source and available here: http://fcon_1000.projects.nitrc.org/indi/retro/yale_hires.html.', 'The Yale data used in this study to construct edge-centric networks are open-source and available here: http://fcon_1000.projects.nitrc.org/indi/retro/yale_hires.html.' *[Dataset]*] 10.1016/j.neuroimage.2022.119742

http://fsl.fmrib.ox.ac.uk/fsl/fslwiki/MELODIC ['Preprocessed data from the ADHD and TD samples were concate-nated and entered into a group independent component analysis (ICA) to identify large-scale networks in the combined population (MELODIC; http://fsl.fmrib.ox.ac.uk/fsl/fslwiki/MELODIC).' *[Software, incl. plugins, toolbox, packages, and functions, Analysis]*] 10.1016/j.neuroimage.2022.119332

http://marsbar.sourceforge.net ['We used MarsBar (http://marsbar.sourceforge.net) to extract the mean percent signal change from individual ventral objects, faces and places ROIs for all four experimental conditions.' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119021

http://martinos.org/mne/stable/index ['MNE software (http://martinos.org/mne/stable/index.' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119203

http://miniscope.org/index.php/Guides_and_Tutorials ['2.4.4. 1 -photon calcium imaging We used the UCLA Miniscope V3 and Data Acquisition Sys-tem (http://miniscope.org/index.php/Guides_and_Tutorials ; Cai et al., 2016).' *[Resource]*] 10.1016/j.neuroimage.2022.119016

http://paradigmexperiments.com ['The task was presented using Paradigm software (http://paradigmexperiments.com) on a Dell computer via MRI-compatible high-resolution goggles (VisuaStim Digital System, Reso-nance

Technology Inc., Northridge, CA). *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.118980

http://preprocessed-connectomes-project.org/ ['Data preprocessing The ABIDE-I database provided preprocessed T1w and rs-fMRI data, which are openly shared through the Preprocessed Connectomes initiative (http://preprocessed-connectomes-project.org/) (Craddock et al., 2013).', 'The data analyzed in this study were all downloaded from ABIDE repositories: http://preprocessed-connectomes-project.org/and http://fcon_1000.projects.nitrc.org/indi/abide/.', 'The data analyzed in this study were all downloaded from ABIDE repositories: http://preprocessed-connectomes-project.org/and http://fcon_1000.projects.nitrc.org/indi/abide/.' *[Dataset]*] 10.1016/j.neuroimage.2022.119212

http://preprocessed-connectomes-project.org/and ['The data analyzed in this study were all downloaded from ABIDE repositories: http://preprocessed-connectomes-project.org/and http://fcon_1000.projects.nitrc.org/indi/abide/.', 'The data analyzed in this study were all downloaded from ABIDE repositories: http://preprocessed-connectomes-project.org/and http://fcon_1000.projects.nitrc.org/indi/abide/.' *[Dataset]*] 10.1016/j.neuroimage.2022.119212

http://surfer.nmr.mgh.harvard.edu/ ['Surface parcellation and Source reconstruction of MEEG data Anatomical preprocessing included an automatic volumetric segmentation of the individual MRIs, surface reconstruction and surface parcellations, using FreeSurfer image analysis suite (Fischl, 2012) (http://surfer.nmr.mgh.harvard.edu/).' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119203

http://surfer.nmr.mgh.harvard.edu/ ['They were based on several image processing pipelines, us-ing Brainvisa (Rivière et al., 2011 , https://brainvisa.info/web/) and Freesurfer (http://surfer.nmr.mgh.harvard.edu/), that were built to: 1) compute anatomical models from the structural MRI preoperative sequence, 2) normalize this sequence on MNI template, 3) coregister pre-and postoperative sequences in the patient native space with the structural preoperative MRI as reference, using a block matching algorithm, 4) automatically localize depth sEEG electrodes on CT postoperative sequences, by segmentation of electrode artifacts present on the postoperative TDM and their classification using their distance to the theoret-ical trajectories planned on the stereotactic guidance device (ROSA or Leksell), 5) label all the contacts using the MNI atlases and the patient specific anatomical models.' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119116

http://surfer.nmr.mgh.harvard.edu/ ['Neuroimaging data processing Each subject's structural T1 scan was reconstructed using FreeSurfer v7.1.1 (http://surfer.nmr.mgh.harvard.edu/).' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119353

http://wiki.cnbc.cmu.edu/Objects ['In the first fMRI experiment, participants were presented with computer-generated object stimuli in different viewing conditions that were taken from the Object Databank (http://wiki.cnbc.cmu.edu/Objects) and from 3dcadbrowser (https://www.3dcadbrowser.com).' *[Resource]*] 10.1016/j.neuroimage.2022.119021

http://www.bic.mni.mcgill.ca/ServicesAtlases/ICBM152NLin2009 ['(2021) , where they also include some surrounding cortical areas, such as the entorhinal and parahippocampal cortex and Brodmann areas 35 and 36. 1 http://www.bic.mni.mcgill.ca/ServicesAtlases/ICBM152NLin2009.' *[Atlas/map]*] 10.1016/j.neuroimage.2022.119616

http://www.github.com/SorenWT/oscifrac2021 ['All code for the above analyses (including preprocessing of the CamCAN data) is available online at http://www.github.com/SorenWT/oscifrac2021.' *[Processed dataset, Analysis, Dataset]*] 10.1016/j.neuroimage.2022.119245

http://www.ibeat.cloud/ ['First, all the images were preprocessed and segmented using an infant brain dedicated toolbox iBEAT V2.0 Cloud (Wang et al., 2018) (http://www.ibeat.cloud/).' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119097 http://www.itksnap.org/ [‘Network based statistics (NBS) : 142 region of interest (ROI) masks were drawn manually (Zerbi et al., 2019 ; Chelini and Zerbi et al., 2019) using ITKSNAP (http://www.itksnap.org/) including the following modules: hippocampal formation (HPF), isocortex, cortical subplate, pallidum, striatum, midbrain, thalamus, hypothalamus (HPA) and hind-brain (Fig.’ *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119016

http://www.nitrc.org/projects/bnv/ [‘Visualization of results provided by BrainNet Viewer (http://www.nitrc.org/projects/bnv/).’, ‘Visualization of results provided by BrainNet Viewer (http://www.nitrc.org/projects/bnv/). *[Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.118980

http://www.fil.ion.ucl.ac.uk [‘Statistical Parametric Mapping software SPM12 (Welcome to Department of Imaging Neuroscience, London, http://www.fil.ion.ucl.ac.uk) was used to process the fMRI data.’ *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119140

http://www.fil.ion.ucl.ac.uk/spm [‘fMRI data analysis Data preprocessing and model estimation were performed using SPM12 (http://www.fil.ion.ucl.ac.uk/spm).’ *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119021

http://www.fil.ion.ucl.ac.uk/spm/ [‘fMRI data pre -processing and ICA analysis A standard preprocessing procedure was implemented using SPM12 (http://www.fil.ion.ucl.ac.uk/spm/), including slice-timing correction, realignment, normalization, spatial smoothing (6-mm smoothing ker-nel), regression of nuisance variables (24 motion parameters, white mat-ter, and cerebrospinal fluid signals), and bandpass filtering (0.008 Hz < f < 0.1Hz) (Cai et al., 2018 , Supekar et al., 2019).’ *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119332

http://www.fil.ion.ucl.ac.uk/spm/. [‘rsfMRI connectivity analysis All data were processed using custom scripts in MAT-LAB (Math Works, Natick, MA), SPM 12 (Welcome Department of Imaging Neuroscience, University College London; http://www.fil.ion.ucl.ac.uk/spm/.) and the network-based statistics (NBS) toolbox (Zalesky et al., 2010).’ *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119016

http://fil.ion.ucl.ac.uk/spm [‘Lesion maps were created semi-automatically from patients’ clinical scans using the Clusterize SPM toolbox (SPM12; Clas et al., 2012 ; de Haan et al., 2015) and were then normalized to an age-related template with the algorithm provided by the Clinical toolbox (Rorden et al., 2012) based on SPM8 (http://fil.ion.ucl.ac.uk/spm). *[Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119021

https://abcdstudy.org [‘Data used in the preparation of this article were obtained from the Adolescent Brain Cognitive Development SM (ABCD) Study (https://abcdstudy.org), held in the NIMH Data Archive (NDA).’, ‘A full list of supporters is available at https://abcdstudy.org/federal-partners.html.’, ‘A listing of participating sites and a complete listing of the study investigators can be found at https://abcdstudy.org/consortium_members/.’ *[Dataset]*] 10.1016/j.neuroimage.2022.119626

https://abcdstudy.org/consortium_members/ [‘A listing of participating sites and a complete listing of the study investigators can be found at https://abcdstudy.org/consortium_members/.’ *[Resource]*] 10.1016/j.neuroimage.2022.119626

https://abcdstudy.org/federal-partners.html [‘A full list of supporters is available at https://abcdstudy.org/federal-partners.html.’ *[Resource]*] 10.1016/j.neuroimage.2022.119626

https://academic.oup.com/cercor [‘journals.elsevier.com/neuroimage] and Cerebral Cortex [https://academic.oup.com/cercor] webpages.’ *[Not enough information]*] 10.1016/j.neuroimage.2022.119122

https://appsrv.cse.cuhk.edu.hk/∼qdou/cmb-3dcnn/cmb-3dcnn.html [‘(2021) https://appsrv.cse.cuhk.edu.hk/∼qdou/cmb-3dcnn/cmb-3dcnn.html code and labelled data for CMB segmentation Dou et al. *[Not enough information]*’] 10.1016/j.neuroimage.2022.119528 https://balsa.wustl.edu/ ['The cortex-wide FC ma-trix was constructed by Pearson's correlation of time series between every pair of the two brain areas, for which boundaries were defined by a multimodal parcellation atlas of Human Connectome Project (https://balsa.wustl.edu/) (Glasser et al., 2016). *[Atlas/map]*'] 10.1016/j.neuroimage.2022.119212

https://brainvisa.info/web/ ['They were based on several image processing pipelines, us-ing Brainvisa (Rivière et al., 2011 , https://brainvisa.info/web/) and Freesurfer (http://surfer.nmr.mgh.harvard.edu/), that were built to: 1) compute anatomical models from the structural MRI preoperative sequence, 2) normalize this sequence on MNI template, 3) coregister pre-and postoperative sequences in the patient native space with the structural preoperative MRI as reference, using a block matching algorithm, 4) automatically localize depth sEEG electrodes on CT postoperative sequences, by segmentation of electrode artifacts present on the postoperative TDM and their classification using their distance to the theoret-ical trajectories planned on the stereotactic guidance device (ROSA or Leksell), 5) label all the contacts using the MNI atlases and the patient specific anatomical models. *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119116

https://camcan-archive.mrc-cbu.cam.ac.uk/dataaccess/ ['Data from the Cambridge Center for Aging Neuroscience project can be accessed at https://camcan-archive.mrc-cbu.cam.ac.uk/dataaccess/. *[Dataset]*'] 10.1016/j.neuroimage.2022.119245

https://coins.trendscenter.org/ ['Data/code availability statement The data used in this article are openly available through the COINS framework (https://coins.trendscenter.org/).', 'Data availability The data used in this article are openly available through the COINS framework (https://coins.trendscenter.org/). *[Dataset]*'] 10.1016/j.neuroimage.2022.119094

https://cran.rproject.org/web/packages/caret/ ['The aforementioned classification analysis was performed using the caret R package (https://cran.rproject.org/web/packages/caret/). *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119332

https://db.humanconnectome.org ['Data and code availability statement The data used in this study for inference and benchmarking are open-source: HCP (https://db.humanconnectome.org), HBN (http://fcon_1000.projects.nitrc.org/indi/cmi_healthy_brain_network/sharing.html), and PNC (https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id = phs000607.v3.p2).', 'Data and Code Availability The data used in this study for inference and benchmarking are open-source: HCP (https://db.humanconnectome.org), HBN (http://fcon_1000.projects.nitrc.org/indi/cmi_healthy_brain_network/sharing.html), and PNC (https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id = phs000607.v3.p2). *[Dataset]*']
10.1016/j.neuroimage.2022.119742

https://db.humanconnectome.org/ ['Data and code availability Data from the Human Connectome Project can be accessed at https://db.humanconnectome.org/.' *[Dataset]*]
10.1016/j.neuroimage.2022.119245

https://drive.google.com/drive/folders/1WICx70 ['Data and code availability statement Supplementary Information and raw data can be downloaded from the website: https://francismanno.github.io/fmanno/, https://osf.io/m3p7t/, and https://drive.google.com/drive/folders/1WICx70WiHDCI_MZrWipQ_q17mdJ8KDDC?usp = sharing.' *[Resource, Dataset]*]
10.1016/j.neuroimage.2022.119016

https://francismanno.github.io/fmanno/ ['Data and code availability statement Supplementary Information and raw data can be downloaded from the website: https://francismanno.github.io/fmanno/, https://osf.io/m3p7t/, and https://drive.google.com/drive/folders/1WICx70WiHDCI_MZrWipQ_q17mdJ8KDDC?usp = sharing. *[Dataset, Resource]*']
10.1016/j.neuroimage.2022.119016

https://freesurfer.net/fswiki/CMA ['FIRST segments 15 brain structures following the CMA guidelines, including left and right HP, AM, TH, PA, PU, CAU, NA. 2 https://freesurfer.net/fswiki/CMA. 3 https://mindboggle.info/braincolor/.' *[Not enough information]*]
10.1016/j.neuroimage.2022.119616

https://fsl.fmrib.ox.ac.uk/fsl/fslwiki [‘(2017) (https://fsl.fmrib.ox.ac.uk/fsl/fslwiki).’ *[Not enough information]*] 10.1016/j.neuroimage.2022.118986

https://git.fmrib.ox.ac.uk/rezvanh/sprofumo_develop [‘It is currently available in https://git.fmrib.ox.ac.uk/rezvanh/sprofumo_develop. *[Not enough information]*’] 10.1016/j.neuroimage.2022.119418

https://github.com/CoBrALab/documentation/wiki/Motion-Quality-Control-(QC)-Manual [‘Quality control of structural MRIs, according to the CoBrA lab-oratory protocol (https://github.com/CoBrALab/documentation/wiki/Motion-Quality-Control-(QC)-Manual) resulted in the exclusion of data from 37 participants (19 young, 4 middle age and 14 older adults; see Bedford, 2017 ; Bedford et al., 2019 ; Snytte et al., 2020 for more information). *[Resource]*’] 10.1016/j.neuroimage.2022.119164

https://github.com/DCAN-Labs/functional-random-forest [‘readthedocs.io/en/latest/), and the FRF was derived from (https://github.com/DCAN-Labs/functional-random-forest).’, ‘readthedocs.io/en/latest/), and the FRF was derived from (https://github.com/DCAN-Labs/functional-random-forest). *[Resource, Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119212

https://github.com/Daniel-Adan-Lopez/ABCD_mTBI/blob/main/Rcode [‘Code for the replication of study results can be obtained on Github: https://github.com/Daniel-Adan-Lopez/ABCD_mTBI/blob/main/Rcode.’, ‘Code for replication of the analyses conducted in this manuscript can be re-trieved at https://github.com/Daniel-Adan-Lopez/ABCD_mTBI/blob/main/Rcode.’ *[Software, incl. plugins, toolbox, packages, and functions, Analysis]*] 10.1016/j.neuroimage.2022.119626

https://github.com/JinghaoLu/MIN1PIPE [‘2.4.5. 1 -photon calcium imaging analysis pipeline The analysis steps were modified for dCA1 hippocam-pus based on the previous protocol (Lu et al., 2018 ; https://github.com/JinghaoLu/MIN1PIPE). *[Software, incl. plugins, toolbox, packages, and functions, Resource]*’] 10.1016/j.neuroimage.2022.119016 https://github.com/MICA-MNI/BrainSpace [‘We derived functional gradients using principal component analysis (PCA), via Brainspace (https://github.com/MICA-MNI/BrainSpace) (Vos de Wael et al., 2020), as this has been demonstrated as having generally a high reliability and prediction power in our recent biomarker study (S.J.’ *[Resource, Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119212

https://github.com/NYU-DiffusionMRI/SMI [‘These are publicly available as part of the SMI (standard model imaging) toolbox at https://github.com/NYU-DiffusionMRI/SMI.’, ‘All processing codes for the estimation of the Standard Model (SMI toolbox) are available at https://github.com/NYU-DiffusionMRI/SMI. *[Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119290

https://github.com/RDelahoy/DMN_effective_connectivity [‘Data and code for the effective connectivity analysis are available at https://github.com/RDelahoy/DMN_effective_connectivity.’, ‘Data code/availability statement Data and code for the effective connectivity analysis are available at https://github.com/RDelahoy/DMN_effective_connectivity. *[Software, incl. plugins, toolbox, packages, and functions, Dataset, Analysis]*’] 10.1016/j.neuroimage.2022.118980

https://github.com/SMScottLee/Face_DCM_fMRI [‘The Mat-lab scripts used for all analyses that follow are available here: https://github.com/SMScottLee/Face_DCM_fMRI.’, ‘All codes used in the present study are available on Github repository (https://github.com/SMScottLee/Face_DCM_fMRI). *[Analysis, Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119708

https://github.com/SNeuroble/NBS_benchmarking [‘Code used for benchmarking, inference, and summarization/reorganization by atlas is available here: https://github.com/SNeuroble/NBS_benchmarking.’, ‘Code used for benchmarking, inference, and summarization/reorganization by atlas is available here: https://github.com/SNeuroble/NBS_benchmarking.

[Atlas/map, Software, incl. plugins, toolbox, packages, and functions]’] 10.1016/j.neuroimage.2022.119742

https://github.com/SorenWT/oscifrac2021 [‘Code for this project is freely available at https://github.com/SorenWT/oscifrac2021. *[Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119245

https://github.com/XiZhu-CU/Transfer-Learning-Submission [‘The code of the transfer learning is available at https://github.com/XiZhu-CU/Transfer-Learning-Submission.’, ‘Data and code availability statement MATLAB scripts for cascade neural networks, transfer learning, statistical evaluations, and visualizations can be found here: https://github.com/XiZhu-CU/Transfer-Learning-Submission. *[Dataset, Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119353

https://github.com/Yonsei-MILab/Cerebral-Microbleeds-Detection [‘https://github.com/Yonsei-MILab/Cerebral-Microbleeds-Detection code for CMB segmentation Al-Masni et al. *[Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119528

https://github.com/Yonsei-MILab/Lacunes-Identification [‘(2020) https://github.com/Yonsei-MILab/Lacunes-Identification code for lacune segmentation Al-Masni et al. *[Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119528

https://github.com/elifesciences-publications/imaging_analysis_pipeline [‘The data analysis used custom-written scripts and routines in MATLAB based on previous code (LeMessurier et al., 2019 ; https://github.com/elifesciences-publications/imaging_analysis_pipeline). *[Software, incl. plugins, toolbox, packages, and functions, Analysis]*’] 10.1016/j.neuroimage.2022.119016

https://github.com/gudtls17/ASD [‘, statistical comparisons, control analysis, main running codes) in this study will be uploaded upon the acceptance of this paper (https://github.com/gudtls17/ASD.’, ‘, statistical comparisons, control analysis, main running codes) in this study will be uploaded upon the acceptance of this paper (https://github.com/gudtls17/ASD. *[Analysis, Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119212

https://github.com/hjkuijf/MixLacune ['(2016) https://github.com/hjkuijf/MixLacune code for lacune segmentation – https://valdo.grand-challenge.org/"Where is VALDO" challenge, including segmenting PVS, CMB and lacunes, with example training data – https://github.com/hjkuijf/MixMicrobleed ; https://hub.docker.com/r/hjkuijf/mixmicrobleed Code for a deep learning-based toolbox to detect and segment CMB, participating in 2021 'Where is VALDO' challenge.' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119528

https://github.com/hjkuijf/MixMicrobleedNet ['(2021) https://github.com/hjkuijf/MixMicrobleedNet ; https://hub.docker.com/r/hjkuijf/mixmicrobleednet Code for a deep learning-based toolbox to detect and segment CMB, participating in 2021 'Where is VALDO' challenge.' *[Not enough information]*] 10.1016/j.neuroimage.2022.119528

https://github.com/iBen-foundation/iBen-atlas ['NeuroImage 260 (2022) 119494 Data and code availability Statement All atlas files and python codes are currently available at this address: https://github.com/iBen-foundation/iBen-atlas.' *[Atlas/map]*] 10.1016/j.neuroimage.2022.119494

https://github.com/jduprez/EEGcog-control_dynFC_PD ['Code availability All the Matlab and R codes used for source reconstruction, dFC, tICA, backfitting and microstate metrics, as well as all subsequent statistical analyses are publicly available at https://github.com/jduprez/EEGcog-control_dynFC_PD.', 'Data and code availability statement All the codes used to perform the analyses are available at https://github.com/jduprez/EEGcog-control_dynFC_PD. *[Analysis, Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119331

https://github.com/joramvd/eegpreproc ['Code and data availability The code we used for preprocessing EEG are available at https://github.com/joramvd/eegpreproc; The code we used for performing time-frequency analysis are available at https://github.com/joramvd/tfdecomp. *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119513

https://github.com/joramvd/tfdecomp ['Code and data availability The code we used for preprocessing EEG are available at https://github.com/joramvd/eegpreproc; The code we used for performing time-frequency analysis are available at https://github.com/joramvd/tfdecomp. *[Analysis, Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119513

https://github.com/m-wierzba/cat-container ['Estimation of age-related cortical thickness differences Structural preprocessing harnessed the CAT12 surface-based mor-phometry pipeline (CAT12.7 r1743; https://github.com/m-wierzba/cat-container) for surface reconstruction and cortical thickness measurement building upon a projection-based thickness estimation method (Dahnke et al., 2013 ; Gaser et al., 2022 ; Yotter et al., 2011 ; Yotter et al., 2011). *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119721

https://github.com/murraylab/brainsmash ['Furthermore, a variogram-based null model preserving spatial autocorrelation which is implemented in the brainSMASH toolbox was applied (https://github.com/murraylab/brainsmash) (Burt et al., 2020).' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119721

https://github.com/palombom ['Code availability SANDI code is available on GitHub at https://github.com/palombom.' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119135

https://github.com/rmarkello/pyls ['Partial least squares correlation To analyze the correspondence of cortical thickness measures with phenotypical data in individuals from the HCHS, we performed a partial least squares (PLS) correlation analysis using pyls (https://github.com/rmarkello/pyls). *[Software, incl. plugins, toolbox, packages, and functions, Analysis]*'] 10.1016/j.neuroimage.2022.119721 https://github.com/stephenwhitmarsh/EpiCode ['The analyses pipeline was implemented using custom MATLAB scripts (https://github.com/stephenwhitmarsh/EpiCode), and used FieldTrip (Oostenveld et al., 2011), a MATLAB (The Mathworks Inc., Natick, Massachusetts) toolbox for MEEG and spike analyses. *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119116

https://github.com/yingqiuz/predict-task-individual-variability ['Code availability Code for the model and analysis in this paper can be found in https://github.com/yingqiuz/predict-task-individual-variability. *[Software, incl. plugins, toolbox, packages, and functions, Analysis]*'] 10.1016/j.neuroimage.2022.119418

https://hub.docker.com/r/hjkuijf/mixmicrobleed ['(2016) https://github.com/hjkuijf/MixLacune code for lacune segmentation – https://valdo.grand-challenge.org/"Where is VALDO" challenge, including segmenting PVS, CMB and lacunes, with example training data – https://github.com/hjkuijf/MixMicrobleed ; https://hub.docker.com/r/hjkuijf/mixmicrobleed Code for a deep learning-based toolbox to detect and segment CMB, participating in 2021 'Where is VALDO' challenge.', '(2021) https://github.com/hjkuijf/MixMicrobleedNet ; https://hub.docker.com/r/hjkuijf/mixmicrobleednet Code for a deep learning-based toolbox to detect and segment CMB, participating in 2021 'Where is VALDO' challenge.' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119528

https://hub.docker.com/r/hjkuijf/mixmicrobleednet ['(2021) https://github.com/hjkuijf/MixMicrobleedNet ; https://hub.docker.com/r/hjkuijf/mixmicrobleednet Code for a deep learning-based toolbox to detect and segment CMB, participating in 2021 'Where is VALDO' challenge.' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119528

https://mindboggle.info/braincolor/ ['FIRST segments 15 brain structures following the CMA guidelines, including left and right HP, AM, TH, PA, PU, CAU, NA. 2 https://freesurfer.net/fswiki/CMA. 3

https://mindboggle.info/braincolor/.’ *[Not enough information]*] 10.1016/j.neuroimage.2022.119616

https://nda.nih.gov/abcd/ [‘Access can be requested at https://nda.nih.gov/abcd/. *[Not enough information]*’] 10.1016/j.neuroimage.2022.119626

https://openneuro.org/datasets/ds000117 [‘It consists of 19 participants with an age range of 23–37 years (note that this is a superset of the participants available on OpenNeuro, https://openneuro.org/datasets/ds000117).’ *[Dataset]*] 10.1016/j.neuroimage.2022.119708

https://openneuro.org/datasets/ds003959/versions/1.0.1 [‘Data availability The data sets generated and analysed during the current study are available on OpenNeuro: https://openneuro.org/datasets/ds003959/versions/1.0.1. *[Dataset]*’] 10.1016/j.neuroimage.2022.119135

https://orcid.org/0000-0002-9117-4449 [‘Tavor). 1 ORCID iD https://orcid.org/0000-0002-9117-4449 used as a fingerprint to detect identity (Finn et al., 2015), to correlate with behavioral and demographic measurements (Smith et al., 2015) as well as personality traits (Cai et al., 2020; Dubois et al., 2018a), and was also linked to individuals’ genetic profile (Colclough et al., 2017). *[Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.118920

https://osf.io/8nbd4/ [‘Data and code availability statement The data and analysis scripts are available on OSF: https://osf.io/8nbd4/. *[Dataset, Software, incl. plugins, toolbox, packages, and functions, Analysis]*’] 10.1016/j.neuroimage.2021.118798

https://osf.io/cw8t2/ [‘See https://osf.io/cw8t2/for our analysis code.’, ‘Data availability The code to reproduce the analyses shown in the paper in full is available free of charge from https://osf.io/cw8t2/. *[Analysis, Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119507

https://osf.io/cw8t2/for [‘See https://osf.io/cw8t2/for our analysis code. *[Software, incl. plugins, toolbox, packages, and functions, Analysis]*’]

10.1016/j.neuroimage.2022.119507

https://osf.io/j9vka/Supplementary ['Data and code availability The data used in the study as well as the software and scripts used to compute the analysis have been made publicly available via the Open Science Framework and can be accessed at: https://osf.io/j9vka/Supplementary materials Supplementary material associated with this article can be found, in the online version, at doi:10.1016/j.neuroimage.2022.119055. *[Software, incl. plugins, toolbox, packages, and functions, Analysis, Dataset]*'] 10.1016/j.neuroimage.2022.119055

https://osf.io/jkcys/ ['Data availability statement Data and code are available online (https://osf.io/jkcys/). *[Software, incl. plugins, toolbox, packages, and functions, Dataset]*'] 10.1016/j.neuroimage.2022.119140

https://osf.io/m3p7t/ ['Data and code availability statement Supplementary Information and raw data can be downloaded from the website: https://francismanno.github.io/fmanno/, https://osf.io/m3p7t/, and https://drive.google.com/drive/folders/1WICx70 WiHDCI_MZrWipQ_q17mdJ8KDDC?usp = sharing.' *[Resource, Dataset, Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119016

https://osf.io/s4ydx/ ['However, as we demonstrate in an extreme example in Fig. 1 (along with the electrode recording filtered between 300 –6000 Hz, converted to an audio file and uploaded to osf.io; link here: https://osf.io/s4ydx/), recording speech-related activity from an array of high impedance electrodes (tungsten microelectrodes, Alpha Omega Co., Inc., Alpharetta, GA) implanted in the subthalamic nucleus of Parkinson's patients un-dergoing surgery for implantation of deep-brain stimulation (DBS) electrodes, it is possible for there to be a clear artifact present in the frequency ranges that would commonly be analyzed for unit activity when time-locked to the speech event.', 'It is clear from this spectrogram and the full microelectrode recording converted to audio (https://osf.io/s4ydx/) that this voice contamination is breaching into frequencies above 300 Hz. *[Dataset]*'] 10.1016/j.neuroimage.2022.119642 https://osf.io/s4ydx/) ['However, as we demonstrate in an extreme example in Fig. 1 (along with the electrode recording filtered between 300 –6000 Hz, converted to an audio file and uploaded to osf.io; link here: https://osf.io/s4ydx/), recording speech-related activity from an array of high impedance electrodes (tungsten microelectrodes, Alpha Omega Co., Inc., Alpharetta, GA) implanted in the subthalamic nucleus of Parkinson's patients un-dergoing surgery for implantation of deep-brain stimulation (DBS) electrodes, it is possible for there to be a clear artifact present in the frequency ranges that would commonly be analyzed for unit activity when time-locked to the speech event.', 'It is clear from this spectrogram and the full microelectrode recording converted to audio (https://osf.io/s4ydx/) that this voice contamination is breaching into frequencies above 300 Hz.' *[Dataset]*] 10.1016/j.neuroimage.2022.119642

https://osf.io/wh4ua/ ['Data Availability Data and code supporting the reported analyses are available at osf.io (https://osf.io/wh4ua/).' *[Analysis, Software, incl. plugins, toolbox, packages, and functions, Dataset]*] 10.1016/j.neuroimage.2022.119668

https://reserveandresilience.com/ ['(https://reserveandresilience.com/). *[Not enough information]*'] 10.1016/j.neuroimage.2022.119353

https://scalablebrainatlas.incf.org/mouse/ABA_v3 ['Registration To create the template, the P56 Mouse Brain Atlas in NIFTY format (https://scalablebrainatlas.incf.org/mouse/ABA_v3) was downsampled to match the resolution of the dMRI data, namely 0.12 ×0.12 ×0.4 mm. *[Atlas/map]*'] 10.1016/j.neuroimage.2022.119135

https://spyking-circus.readthedocs.io/en/latest/ ['mentation (https://spyking-circus.readthedocs.io/en/latest/) and reference article (Yger et al., 2018).' *[Resource]*] 10.1016/j.neuroimage.2022.119116

https://surfer.nmr.mgh.harvard.edu ['The De-strieux and DKT atlases are also structural atlases, and already in-corporated into one of the most commonly used neuroimaging software, FreeSurfer (https://surfer.nmr.mgh.harvard.edu). *[Atlas/map, Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.118986 https://surfer.nmr.mgh.harvard.edu/ [‘For all images that passed quality check, cross-sectional image processing was performed using FreeSurfer Version 7.1.1 (https://surfer.nmr.mgh.harvard.edu/). *[Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119353

https://surfer.nmr.mgh.harvard.edu/optseq [‘The events were ordered in an optimal rapid event-related design specified by optseq2 (Dale, 1999 ; https://surfer.nmr.mgh.harvard.edu/optseq). *[Resource, Software, incl. plugins, toolbox, packages, and functions]*’] 10.1016/j.neuroimage.2022.119021

https://valdo.grand-challenge.org/Description/ [‘To this end, the ‘Where is VALDO –V a s c u l a r Lesions Detection Challenge’ (https://valdo.grand-challenge.org/Description/) is a good initiative. *[Not enough information]*’] 10.1016/j.neuroimage.2022.119528

https://www.3dcadbrowser.com [‘In the first fMRI experiment, participants were presented with computer-generated object stimuli in different viewing conditions that were taken from the Object Databank (http://wiki.cnbc.cmu.edu/Objects) and from 3dcadbrowser (https://www.3dcadbrowser.com). *[Resource]*’] 10.1016/j.neuroimage.2022.119021

https://www.Rproject.org [‘URL “https://www.Rproject.org”.)) and lme4 package (v1.1-27.1, Bates et al., 2014 , p. *[Not enough information]*’] 10.1016/j.neuroimage.2022.119116

https://www.census.gov/data.html [‘Census data was obtained from the United States Census Bureau webpage [https://www.census.gov/data.html]. *[Dataset]*’] 10.1016/j.neuroimage.2022.119122

https://www.humanconnectome.org/software/connectome-workbench [‘To further in-crease the signal-to-noise ratio, an additional smoothing of 4mm FWHM was applied to the MSMAll-registered data (with subcor-tical structures smoothed within parcel boundaries, and cortical data smoothed in 2D on the surface) using the Connectome Workbench (https://www.humanconnectome.org/software/connectome-workbench).

[Software, incl. plugins, toolbox, packages, and functions]’] 10.1016/j.neuroimage.2022.119418

https://www.humanconnectome.org/study/hcp-young-adult [‘Human connectome project data We used the MSMAll-registered data provided by the Human Connectome Project (HCP), S1200 Release (https://www.humanconnectome.org/study/hcp-young-adult). *[Dataset]*’] 10.1016/j.neuroimage.2022.119418

https://www.ibenfund.com/ressources [‘These templates are made available to the scientific community (https://www.ibenfund.com/ressources) and could be used in a registration pipeline. *[Software, incl. plugins, toolbox, packages, and functions, Resource]*’] 10.1016/j.neuroimage.2022.119494

https://www.ieeg.org [‘NeuroImage 254 (2022) 118986 tions) allowed their de-identified intracranial EEG (iEEG) data to be publicly available for research purposes on the International Epilepsy Electrophysiology Portal (https://www.ieeg.org) Kini et al.’, ‘iEEG snippets used specifi-cally in this manuscript are also available, while full iEEG recordings are publicly available at https://www.ieeg.org.’, ‘iEEG snippets used specifi-cally in this manuscript are also available, while full iEEG recordings are publicly available at https://www.ieeg.org.’ *[Dataset]*] 10.1016/j.neuroimage.2022.118986

https://www.mcgill.ca/bic/software/tools-data-analysis/anatomical-mri/atlases/icbm152lin [‘Here, we used the Boundary Element Method (BEM) head model fitted to the ICBM MRI template (Kötter et al., 2001), downloaded from https://www.mcgill.ca/bic/software/tools-data-analysis/anatomical-mri/atlases/icbm152lin using the OpenMEEG toolbox (Gramfort et al., 2010), and used the Electrical Geodesic Inc (EGI) configuration for the EEG electrodes.’ *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119331

https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id [‘Data and code availability statement The data used in this study for inference and benchmarking are open-source: HCP (https://db.humanconnectome.org), HBN (http://fcon_1000.projects.nitrc.org/indi/cmi_healthy_brain_network/sharin g.html), and PNC (https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id = phs000607.v3.p2).', 'Data and Code Availability The data used in this study for inference and benchmarking are open-source: HCP (https://db.humanconnectome.org), HBN (http://fcon_1000.projects.nitrc.org/indi/cmi_healthy_brain_network/sharing.html), and PNC (https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id = phs000607.v3.p2).' *[Dataset]*] 10.1016/j.neuroimage.2022.119742

https://www.ncbi.nlm.nih.gov/pubmed/11939702 ['Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/11939702.' *[Not enough information]*] 10.1016/j.neuroimage.2022.119353

https://www.ncbi.nlm.nih.gov/pubmed/8139057 ['Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/8139057.' *[Not enough information]*] 10.1016/j.neuroimage.2022.119353

https://www.nitrc.org/projects/bioimagesuite/ ['Code used for node-centric and edge-centric network construction can be found at https://www.nitrc.org/projects/bioimagesuite/.', 'Code used for node-centric and edge-centric network construction can be found at https://www.nitrc.org/projects/bioimagesuite/. *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119742

https://www.nitrc.org/projects/uncbcp_4d_atlas/ ['Therefore, our 4D atlas is a good choice for studying early brain growth patterns and other clinical applications, which will be publicly available on NITRC (https://www.nitrc.org/projects/uncbcp_4d_atlas/) website to remark-ably facilitate the studies on early human brain development. *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119097

https://www.openfmri.org/dataset/ds000117/ ['Dataset The multimodal (MRI, EEG, MEG) human neuroimaging dataset is available on OpenfMRI (https://www.openfmri.org/dataset/ds000117/; Wakeman & Henson, 2015).' *[Dataset]*] 10.1016/j.neuroimage.2022.119708 journals.elsevier.com/neuroimage ['journals.elsevier.com/neuroimage] and Cerebral Cortex [https://academic.oup.com/cercor] webpages.' *[Not enough information]*] 10.1016/j.neuroimage.2022.119122

osf.io ['Data Availability Data and code supporting the reported analyses are available at osf.io (https://osf.io/wh4ua/).' *[Dataset, Software, incl. plugins, toolbox, packages, and functions, Analysis]*] 10.1016/j.neuroimage.2022.119668

readthedocs.io/en/latest/) ['readthedocs.io/en/latest/), and the FRF was derived from (https://github.com/DCAN-Labs/functional-random-forest).', 'readthedocs.io/en/latest/), and the FRF was derived from (https://github.com/DCAN-Labs/functional-random-forest). *[Resource]*'] 10.1016/j.neuroimage.2022.119212

www.csie.ntu.edu.tw/∼cjlin/libsvm ['We carried out MVPA using the PyMVPA software package (Hanke et al., 2009) and the LibSVM's implementation of the linear support vector machine classifier (LSVM www.csie.ntu.edu.tw/∼cjlin/libsvm).' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2021.118811

www.fnih.org ['Private sector contributions are facilitated by the Foundation for the National Institutes of Health (www.fnih.org). *[Resource]*'] 10.1016/j.neuroimage.2022.119353

www.imaging.org.au/AMBMC/Model/ ['Functional images were coregistered to the skull-stripped anatomical images and normalized to the Australian Mouse Brain Mapping Consortium template (Janke et al., 2015 ; www.imaging.org.au/AMBMC/Model/) using SPM12. *[Software, incl. plugins, toolbox, packages, and functions, Resource]*'] 10.1016/j.neuroimage.2022.119016

www.incr.fr ['Funding JD was funded by the Rennes Clinical Neuroscience Institute (INCR: www.incr.fr).', 'We also would like to thank Bretagne Atlantique Ambition (BAA) as well as the Rennes Clinical Neuroscience Institute (INCR: www.incr.fr), and the Ille-et-Vilaine Parkinsonian Association (APIV) who funded this work. *[Resource]*'] 10.1016/j.neuroimage.2022.119331 www.mccauslandcenter.sc.edu/mricrogl/ ['We used MRIcroGL (www.mccauslandcenter.sc.edu/mricrogl/) to visualize the results. *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119354

www.nitrc.org ['The 3D figure was realized using BrainNet viewer (www.nitrc.org). *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119116

www.sdmproject.com ['Seed-based d mapping The SDM-PSI (www.sdmproject.com) software imputes the brain maps of statistical effects for each study and conducts a standard random-effects meta-analysis to test whether the effects are different from zero (Albajes-Eizagirre et al., 2019a). *[Software, incl. plugins, toolbox, packages, and functions]*'] 10.1016/j.neuroimage.2022.119354

www.fil.ion.ucl.ac.uk/spm ['fMRI analysis and ROI selection The fMRI data were preprocessed using the SPM12 software (www.fil.ion.ucl.ac.uk/spm).' *[Software, incl. plugins, toolbox, packages, and functions]*] 10.1016/j.neuroimage.2022.119708