

- Subject ID: 486306438
- Structural images: 1 T1-weighted
- ASL series: 1
 - Task: rest (1 run)
- Standard output spaces: MNI152NLin2009cAsym
- Non-standard output spaces:

Reports for: session PNC1, task rest, acquisition se.

- Repetition time (TR): 4s
- Phase-encoding (PE) direction: Anterior-Posterior
- Slice timing correction: Applied
- Susceptibility distortion correction: None
- Registration: FSL `flirt` rigid registration - 6 dof
- Confounds collected: `std_dvars`, `dvars`, `framewise_displacement`, `trans_x`, `trans_y`, `trans_z`, `rot_x`, `rot_y`, `rot_z`
- Motion summary measures: FD : 0.091, reLRMS: 0.0004
- Coregistration quality: Dice Index: 0.9978, Jaccard Index: 0.9956, Cross Cor.: 0.9972, Coverage: 1.0
- Normalization quality: Dice Index: 0.9693, Jaccard Index: 0.9404, Cross Cor.: 0.9611, Coverage: 0.9697
- Quality evaluation index : `cbf`: 0.7934, `score`: 0.8065, `scrub`: 0.8535, `basil`: 0.8466, `pvc`: 0.8426
- Mean CBF (mL 100g/min) : GM CBF: 75.49, WM CBF: 31.64, GM/WM CBF ratio: 2.39
- Percentage of negative voxel : `cbf`: 0.74, `score`: 0.69, `scrub`: 0.21, `basil`: 0.0, `pvc`: 0.0

FSL *flirt* was used to generate transformations from EPI-space to T1w-space - The white matter mask calculated with FSL *fast* (brain tissue segmentation) was used for BBR. Note that Nearest Neighbor interpolation is used in the reportlets in order to highlight potential spin-history and other artifacts, whereas final images are resampled using Lanczos interpolation.



Summary statistics are plotted, which may reveal trends or artifacts in the asl data. DVARS and FD show the standardized DVARS and framewise-displacement measures for each time point. A carpet plot shows the time series for all voxels within the brain mask. Voxels are grouped into cortical (blue), and subcortical (orange) gray matter, cerebellum (green) and white matter and CSF (red), indicated by the color map on the left-hand side.



This carpet plot shows the time series for all voxels within the brain mask for CBF. Voxels are grouped into cortical (blue), and subcortical (orange) gray matter, cerebellum (green), white matter and CSF (red), indicated by the color map on the left-hand side. The score Index with value greater than zero indicates which volume(s) are removed by SCORE.



The maps plot cerebral blood flow (CBF) for basic CBF. The unit is mL 100/g/min

