Readme

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This upload (by Nov 1 2020) contains the following files:

1. asltbx\_samplecodefor2Dpcasl.zip contains a set of m-scripts for processing 2D pCASL data.
2. asltbx\_samplecode4pasl.zip is for processing 2D PASL data.
3. asl\_perf\_subtracMB.m is for CBF calculation for data acquired with the multi-band sequence.
4. asltbx\_manual2.pdf is the manual for ASLtbx

Each of the zip files contains m-function for ASL image realignment, filtering, smoothing, CBF quantification, PVE correction, and outlier cleaning.

asl\_perf\_subtract.m is for CBF quantification using the one-compartment model. This function can handle both pCASL, CASL, and PASL data acquired at 1.5T/3T. For other field strengths, the blood T1 should be changed accordingly.