NMorphCH Data Description

Neuromorphometry by Computer Algorithm NUSRG protocol Session ids: yymmdd_CH####_##

Sequence parameters (the number and type of scans may vary from session to session)

Sequence	**Protocol parameters**
localizer	TR=20 ms, TE=5 ms, flip=40°, 192 x 192 matrix, 3 slices, slice thickness=8 mm
AAHScout	TR=3.15 ms, TE=1.37 ms, flip=8°, 160 x 160 matrix, 128 slices, slice thickness=1.6 mm
MPRAGE	TR=3.15 ms, TE=1.37 ms, flip=8°, 162 x 162 matrix, 4 slices, slice thickness=1.6 mm
EP2D_emotion	TR=2000 ms, TE=20 ms, flip=80°, 448 x 448 matrix, 400 slices, slice thickness=3 mm
bold_nback	TR=2500 ms, TE=27 ms, flip=90°, 768 x 720 matrix, 137 slices, slice thickness=3 mm
resting_state	TR=2200 ms, TE=27 ms, flip=90°, 384 x 384 matrix, 164 slices, slice thickness=4 mm
T1_MPR	TR=2400 ms, TE=3.16 ms, flip=8°, 256 x 256 matrix, 176 slices, slice thickness=1 mm
T2	TR=3200 ms, TE=455 ms, flip=120°, 256 x 256 matrix, 176 slices, slice thickness=1 mm
DTI	TR=8000 ms, TE=86 ms, flip=90°, 896 x 896 matrix, 35 slices, slice thickness=2 mm
tse_p3_64sl	TR=12000 ms, TE=82 ms, flip=120°, 128 x 128 matrix, 64 slices, slice thickness=2 mm

Updated: August 30, 2016