

SCANNER:

SIEMENS TRIO 3-Tesla

T1 MPRAGE SCAN PARAMETERS:

Subjects were scanned using 1 of 5 different sagittal t1-mprage protocols. The parameters are below.

- 192 slices, TR= 2000 ms, TE= 3.67 ms, Inversion Time= 1100 ms, slice thickness= 1 mm, Flip angle = 12°, FOV = 240×240, Matrix = 256×256
- 128 slices, TR = 1950 ms, TE = 2.6 ms, Inversion Time = 900 ms, slice thickness= 1.3 mm, Flip angle = 10°, FOV = 240×256, Matrix = 240×256
- 128 slices, TR = 2530 ms, TE = 3.37 ms, Inversion Time = 1100 ms, slice thickness = 1.33 mm, Flip angle = 7°, FOV = 256×256, Matrix = 256×256
- 176 slices, TR = 1770 ms, TE=3.92 ms, Inversion Time = 1100 ms, slice thickness = 1 mm, Flip angle = 12°, FOV = 256×256, Matrix = 512×512
- 144 slices, TR = 845 ms, TE = 2.89 ms, Inversion Time = 600 ms, slice thickness =1.3 mm, Flip angle= 8°, FOV = 261×261, Matrix = 256×256