

	Anatomical	Rest	DTI
Manufacturer	Siemens	Siemens	Siemens
Model	TrioTim	TrioTim	TrioTim
Headcoil	12 Chan	12 Chan	12 Chan
Field Strength	3T	3T	3T
Sequence	3D MPRAGE	EPI	EPI
Flip Angle [Deg]	7.0	90	-
Inversion Time (TI) [ms]	1100	-	-
Echo Time (TE) [ms]	3.39	30	89
Repetition Time (TR) [ms]	2530.0	2000	8000.0
Bandwidth per Voxel (Readout) [Hz]	256	2520	1562.0
Parallel Acquisition	-	-	GRAPPA x 2
Partial Fourier	Off	-	6/8
Number of Slices	144	33	62.0
Slice Orientation	Saggital	Axial	a
Slice Phase Encoding Direction	Anterior to Posterior	Anterior to Posterior	Anterior to Posterior
Slice Acquisition Order	Interleaved Ascending	Interleaved Ascending	Interleaved Ascending
Slice Thickness [mm]	1.3	3.5	2.2
Slice Gap [mm]	0.65	0.7	0.0
Field of View [mm]	256	200	282.0
Acquisition Matrix	256x192	64x64	128x128
Slice In-Place Resolution [mm ²]	1.3x1.0	3.1x3.1	2.2x2.2
Number of Measurements	-	200	31
Acquisition Time [min:sec]	8:07	6:46	4:34
Fat Suppression	None	Yes	Yes
Number of Directions	-	-	30.0
Number of B Zeros	-	-	1.0
B Value(s) [s/mm ²]	-	-	1000.0
Averages	-	-	1.0