

Patient ID :
Experimenter :

Scanner : Skyra
Session ID : _____

Scanplan – Localizers

Subject Name:

Date:

Expid:

Slices: 31
Slice Thickness: 2.0 mm
Gap: 50% (1.0 mm)
FOV/phaseFOV: 256 (100%)
Matrix: 128 x 128
VoxSize : 2x2x3 mm
TR: 2.5 s
TE: 40 ms
FA : 76°
Slice Orientation: Axial(A>>P)
Rotation angle: _____



Advanced auto-shimming.
No manual FFT scaling.

Retinotopic Mapping (6 runs total 36min 40sec)

Flashing checkerboard stimulus, with detection task

4 polar (CCW, CW, CCW, CW)
8 cycles, 40 s/cycle
20 s pre/ no post blank
starts at right meridian
nTimePoints = 136 (5m 40s or 340 s)

2 eccen (OUT, IN)

retinotopy_1eccen_out_withblanks_skyra

retinotopy_1eccen_in_withblanks_skyra

8 cycles, 50 s/cycle
10 s blank between cycles (to avoid wrap-around effects)
20 s pre / no post blank
nTimePoints = 168 (7m 420 s)

Object Localizer

(2Runs total 10min 30sec)

4 Categories: Face, House, Generic Objects, Scrambles

Block Design-one-back task

0.5° image position jitter

nTimePoints = 126 (5.25min = 5min 15sec)

MT Localizer

(2Runs total 5min 30sec)

Alternating blocks of stationary and moving dots

Fixation dimming task

nTimePoints = 66 (2.75min = 2min 45sec)

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Scan	Run	Experiment	Vol.	Matlab Cmd
	1.	Polar CCW	136	retinotopy_4polar_skyra_GPC
	2.	Polar CW	136	
	3.	Polar CCW	136	
	4.	Polar CW	136	
	5.	Eccen OUT	168	retinotopy_1eccen_out_withblanks_skyra
	6.	Eccen IN	168	retinotopy_1eccen_in_withblanks_skyra
	7.	Object_Localizer 1	126	object_localizer_GPC
	8.	Object_Localizer 2	126	
	9.	MT_Localizer 1	66	mt_localizer_gc
	10.	MT_Localizer 2	66	
	11.	FIELDMAP CORRECTION?		
	12.	Anatomical - MPRAGE (10 min)		

Scan	Run	Notes
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