



Data Collection Worksheet

Please Note: The Data Collection Worksheet (DCW) is a tool to aid integration of a PhenX protocol into a study. The PhenX DCW is not designed to be a data collection instrument. Investigators will need to decide the best way to collect data for the PhenX protocol in their study. Variables captured in the DCW, along with variable names and unique PhenX variable identifiers, are included in the PhenX Data Dictionary (DD) files.

Sequence for task functional magnetic resonance imaging

(Task fMRI)

TA: 6:1

PAT: Off

Voxel size: 3.0 x 3.0 x 3.0 mm

Rel. SNR: 1.00

Properties

Prio ReconOff
Before
measurement
After
measurement
Load to viewerOn
Inline movieOff
Auto store imagesOn
Load to stampOn
segments
Load images toOff
graphic segments
Auto open inlineOn
display
StartOff
measurement
without further
preparation
Wait for user toOn
start
Startsingle

measurements

Routine

Slice group 1
Slices47
Dist. Factor0%
PositionR3.0 A3.0
H0.0
OrientationT > C-
12.5
Phase enc. dir.A >> P
Rotation0.00 deg
Phase0%
oversampling
FoV read216 mm
FoV phase100.0%
Slice thickness3.00 mm
TR3000 ms
TE30 ms
Averages1
Concatenations1
FilterPrescan
Normalize
Coil elementsHEA;HEP

Contrast

MTCOff
Flip angle85 deg
Fat suppr.Fat suppr.
AveragingLong term
mode
ReconstructionMagnitude
Measurements124
Multiple seriesEach
measurement

Resolution

Base resolution	.....72
Phase resolution	.....100%
Phase partial Fourier	.....Off
Interpolation	.....Off
PAT mode	.....None
Matrix Coil Mode	.....Auto (CP)
Distortion Corr.	.....Off
Unfiltered images	.....Off
Prescan	.....On
Normalize	
Raw filter	.....On
Elliptical filter	.....Off
Hamming	.....Off

Geometry

Multi-slice mode	.....Interleaved
Series	.....Interleaved
Special sat.	.....None

System

Body	.....Off
HEP	.....On
HEA	.....On
Positioning mode	.....REF
Table position	.....H
Table position	.....0 mm
MSMA	.....S - C - T
Sagittal	.....R >> L
Coronal	.....A >> P
Transversal	.....F >> H
Coil Combine Mode	.....Sum of Squares

AutoAlign	.....Head > Brain Atlas
Auto Coil Select	.....Off
Shim mode	.....Standard
Adjust with body coil	.....Off
Confirm freq. adjustment	.....Off
Assume Silicone	.....Off
? Ref. amplitude 1H	.....0.000 V
Adjustment Tolerance	.....Auto
Adjust volume	
Position	.....R3.0 A3.0 H0.0
OrientationT > C- 12.5
Rotation0.00 deg
R >> L216 mm
A >> P216 mm
F >> H141 mm

Physio

1st Signal/ModeNone
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BOLD

GLM StatisticsOff
Dynamic t- mapsOff
Starting ignore meas0
Ignore after transition0

Model transition states	.....Off
Temp. highpass filter	.....Off
Threshold	.....4.00
Paradigm size	.....3
Meas[1]	.....Baseline
Meas[2]	.....Baseline
Meas[3]	.....Active
Motion correction	.....Off
Spatial filter	.....Off

Sequence

Introduction	.....Off
Bandwidth	.....2240 Hz/Px
Free echo spacing	.....Off
Echo spacing	.....0.51 ms
EPI factor	.....72
RF pulse type	.....Normal
Gradient mode	.....Fast
Dummy Scans	.....0
FFT Scale Factor	.....1.00

Protocol source: <https://www.phenxtoolkit.org/protocols/view/662601>