

# SIEMENS MAGNETOM TrioTim syngo MR B17

\\USER\RTfMRI\DMN\_TRACKING\neurofeedback\MSIT

TA: 6:40    PAT: Off    Voxel size: 3.4x3.4x3.6 mm    Rel. SNR: 1.00    USER: hyperscanEpi2d\_svm

## Properties

|   |        |
|---|--------|
| Prio Recon                                    | Off    |
| Before measurement                            |        |
| After measurement                             |        |
| Load to viewer                                | On     |
| Inline movie                                  | Off    |
| Auto store images                             | On     |
| Load to stamp segments                        | Off    |
| Load images to graphic segments               | Off    |
| Auto open inline display                      | Off    |
| Start measurement without further preparation | On     |
| Wait for user to start                        | On     |
| Start measurements                            | single |

## Routine

|                    |                  |
|--------------------|------------------|
| Slice group 1      |                  |
| Slices             | 33               |
| Dist. factor       | 10 %             |
| Position           | L0.0 A18.9 H15.5 |
| Orientation        | Transversal      |
| Phase enc. dir.    | A >> P           |
| Rotation           | 0.00 deg         |
| Phase oversampling | 0 %              |
| FoV read           | 220 mm           |
| FoV phase          | 100.0 %          |
| Slice thickness    | 3.6 mm           |
| TR                 | 2000 ms          |
| TE                 | 30 ms            |
| Averages           | 1                |
| Concatenations     | 1                |
| Filter             | None             |
| Coil elements      | HEA;HEP          |

## Contrast

|                 |           |
|-----------------|-----------|
| MTC             | Off       |
| Flip angle      | 90 deg    |
| Fat suppr.      | Fat sat.  |
| Averaging mode  | Long term |
| Reconstruction  | Magnitude |
| Measurements    | 198       |
| Delay in TR     | 0 ms      |
| Multiple series | Off       |

## Resolution

|                       |           |
|-----------------------|-----------|
| Base resolution       | 64        |
| Phase resolution      | 100 %     |
| Phase partial Fourier | Off       |
| Interpolation         | Off       |
| PAT mode              | None      |
| Matrix Coil Mode      | Auto (CP) |
| Distortion Corr.      | Off       |
| Prescan Normalize     | Off       |
| 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  | FIX            |
| 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 |
| Auto Coil Select  | Default        |

|                          |                  |
|--------------------------|------------------|
| 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                 | L0.0 A18.9 H15.5 |
| Orientation              | Transversal      |
| Rotation                 | 0.00 deg         |
| R >> L                   | 220 mm           |
| A >> P                   | 220 mm           |
| F >> H                   | 131 mm           |

## Physio

|                 |      |
|-----------------|------|
| 1st Signal/Mode | None |
|-----------------|------|

## BOLD

|                         |          |
|-------------------------|----------|
| GLM Statistics          | Off      |
| Dynamic t-maps          | Off      |
| Starting ignore meas    | 0        |
| Ignore after transition | 0        |
| Model transition states | On       |
| Temp. highpass filter   | On       |
| Threshold               | 4.00     |
| Paradigm size           | 20       |
| Meas[1]                 | Baseline |
| Meas[2]                 | Baseline |
| Meas[3]                 | Baseline |
| Meas[4]                 | Baseline |
| Meas[5]                 | Baseline |
| Meas[6]                 | Baseline |
| Meas[7]                 | Baseline |
| Meas[8]                 | Baseline |
| Meas[9]                 | Baseline |
| Meas[10]                | Baseline |
| Meas[11]                | Active   |
| Meas[12]                | Active   |
| Meas[13]                | Active   |
| Meas[14]                | Active   |
| Meas[15]                | Active   |
| Meas[16]                | Active   |
| Meas[17]                | Active   |
| Meas[18]                | Active   |
| Meas[19]                | Active   |
| Meas[20]                | Active   |
| Motion correction       | Off      |
| Spatial filter          | Off      |

## Sequence

|              |            |
|--------------|------------|
| Introduction | Off        |
| Bandwidth    | 2442 Hz/Px |

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|                       |          |
|-----------------------|----------|
| Free echo spacing     | Off      |
| Echo spacing          | 0.47 ms  |
| -----                 |          |
| EPI factor            | 64       |
| RF pulse type         | Normal   |
| Gradient mode         | Fast     |
| -----                 |          |
| Hyperscan Sequence #  | 1        |
| Synchronized          | Off      |
| AFNI Mode             | Optional |
| SVM Model             | Model 4  |
| SVM Mask              | Off      |
| SVM Train             | Off      |
| SVM Test              | Off      |
| Call External Scripts | On       |