**Supplemental File 1.**

**MRS Protocol Checklist**

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| Site: Penn State University, University Park, PA, USA |
| 1. Hardware
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| 1. Field strength (T)
2. Manufacturer
3. Model
4. RF coil
5. Additional hardware
 | 1. 3T
2. Siemens
3. Prisma Fit
4. 20 channel head coil
5. NA
 |
| 1. Acquisition
 |  |
| 1. Pulse sequence
2. VOI
3. VOI size
4. TR, TE
5. Number of acquisitions
6. Additional parameters
7. Water suppression method
8. Shimming method
 | 1. SVS PRESS
2. Left and right occipital, left and right frontal
3. 20 mm3
4. TR 3000ms; TE 145ms
5. 8 averages per
6. 1024 data points, bandwidth 1000Hz
7. VAPOR
8. Vendor-supplied auto-shimming
 |
| 1. Data Analysis Methods and Outputs
 |  |
| 1. Analysis Software
2. Output measure
 | 1. jMRUI 6.0
2. Temperature (°C)
 |
| 1. Data Quality
 |  |
| 1. Reported variables
2. Data exclusion criteria
3. Quality measures
4. Sample spectrum
 | 1. SNR, linewidth
2. No subjects excluded
3. SNR, linewidth
4. See Supplementary File 2
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