

On-line Table: Scores of the degree of myelination for MPRAGE and PETRA at each assessed location with intrarater agreement

| Assessed Location | Reader 1 | | | Reader 2 | | | |
|---|---------------------|--------------------|--------------------------|---------------------|--------------------|--------------------------|------------------|
| | MPRAGE ^a | PETRA ^a | Differences ^b | MPRAGE ^a | PETRA ^a | Differences ^b | ICC ^c |
| Cerebellar white matter | 2.9 ± 0.3 (2-3) | 2.9 ± 0.3 (2-3) | 0.00 (0.00-0.00) | 2.9 ± 0.3 (2-3) | 3 ± 0 (3) | 0.09 (0.01-0.17) | <.01 |
| Anterior part of the posterior limb of the internal capsule | 2.8 ± 0.6 (0-3) | 2.8 ± 0.7 (0-3) | -0.07 (-0.17-0.03) | 2.8 ± 0.5 (1-3) | 2.9 ± 0.4 (1-3) | 0.05 (-0.03-0.13) | 0.80 (0.68-0.88) |
| Corpus callosum | | | | | | | |
| Genu | 2.7 ± 0.8 (0-3) | 2.7 ± 0.7 (0-3) | 0.02 (-0.08-0.12) | 2.7 ± 0.6 (1-3) | 2.8 ± 0.6 (1-3) | 0.02 (-0.02-0.06) | 0.98 (0.96-0.99) |
| Splenium | 2.9 ± 0.4 (1-3) | 2.8 ± 0.5 (0-3) | -0.04 (-0.11-0.04) | 2.8 ± 0.5 (1-3) | 2.8 ± 0.5 (1-3) | 0.00 (-0.05-0.05) | 0.83 (0.73-0.90) |
| Subcortical white matter | | | | | | | |
| Anterior frontal lobe | 2.1 ± 1.0 (0-3) | 2.2 ± 1.0 (0-3) | 0.09 (-0.02-0.19) | 2.3 ± 1.0 (0-3) | 2.3 ± 1.1 (0-3) | -0.04 (-0.14-0.07) | 0.93 (0.89-0.96) |
| Anterior temporal lobe | 1.7 ± 0.9 (0-3) | 1.6 ± 1.0 (0-3) | -0.05 (-0.20-0.09) | 2.1 ± 1.1 (0-3) | 2.0 ± 1.2 (0-3) | -0.16 (-0.34-0.01) | 0.83 (0.73-0.90) |
| Posterior occipital lobe | 2.5 ± 0.9 (0-3) | 2.6 ± 0.8 (0-3) | 0.05 (-0.04-0.15) | 2.6 ± 1.0 (0-3) | 2.6 ± 0.8 (0-3) | 0.05 (-0.03-0.13) | 0.94 (0.91-0.97) |

^a Data are mean scores ± SD with range in parentheses. Scores closer to 3 indicate good visibility, whereas scores closer to zero indicate poorer visibility of myelination.

^b The mean differences in the PETRA to MPRAGE scores; numbers in parentheses are the 95% CIs.

^c Numbers in parentheses are 95% CIs.