

ROI names

Appendix A.

All regions of interest have both a left (L) and right (R) label.

FG: fasciculus gracilis; **FC**: fasciculus cuneatus; **ICST**: lateral corticospinal tract; **vSCT**: ventral spinocerebellar tract; **RST**: rubrospinal tract; **IRST**: lateral reticulospinal tract; **SL**: spinal lemniscus (spinothalamic and spinoreticular tracts); **SOT**: spino-olivary tract; **vIRST**: ventrolateral reticulospinal tract; **IVST**: lateral vestibulospinal tract; **vRST**: ventral reticulospinal tract; **vCST**: ventral corticospinal tract; **TST**: tectospinal tract; **mRST**: medial reticulospinal tract; **mLF**: medial longitudinal tract; **WM**: white matter; **DF**: dorsal column; **LF**: lateral funiculi; **VF**: ventral funiculi.

Appendix B.

Region grouping

WM dorsal column: **DF** (FG+ FC)

WM lateral funiculi: **LF** (ICST+ vSCT+ RST+ IRST+ SL)

WM ventral funiculi: **VF** (SOT+ vIRST+ IVST+ vRST+ vCST+ TST+ mRST+ mLF)

WM: **DF+ LF+ VF**