

On-line Table: Volumetric and corticospinal tract diffusion metrics in the entire cohort and in subgroups of patients stratified on the basis of 3-month motor outcome^a

	Entire Cohort (N = 17)	FM-UE ≤9 (n = 3)	FM-UE 10–18 (n = 5)	FM-UE >18 (n = 9)
Infarct volume ^b	43.7 (62.5)	139.1 (86.9)	34.8 (43.6)	16.9 (26.7)
CST volume ^b	4.1 (3.0)	6.3 (4.4)	3.0 (2.2)	3.4 (2.9)
Intersection infarct-CST ^b	1.1 (1.5)	3.4 (2.5)	0.9 (1)	0.4 (0.2)
MD				
Lesioned CST	0.91 (0.07)	0.79 (0.06)	0.92 (0.05)	0.94 (0.02)
Ratio ^c	0.95 (0.06)	0.84 (0.07)	0.95 (0.03)	0.98 (0.03)
Axial diffusivity				
Lesioned CST	1.35 (0.12)	1.15 (0.11)	1.37 (0.11)	1.40 (0.07)
Ratio	0.93 (0.07)	0.81 (0.07)	0.94 (0.04)	0.97 (0.04)
Radial diffusivity				
Lesioned CST	0.70 (0.05)	0.61 (0.04)	0.70 (0.02)	0.72 (0.03)
Ratio	0.96 (0.07)	0.87 (0.08)	0.97 (0.02)	0.99 (0.06)
FA				
Lesioned CST	0.41 (0.03)	0.39 (0.03)	0.42 (0.03)	0.41 (0.04)
Ratio	0.96 (0.07)	0.90 (0.05)	0.96 (0.04)	0.98 (0.08)
MK				
Lesioned CST	1.19 (0.12)	1.32 (0.06)	1.22 (0.10)	1.13 (0.10)
Ratio	1.08 (0.10)	1.24 (0.12)	1.09 (0.03)	1.03 (0.06)
Axial kurtosis				
Lesioned CST	0.94 (0.11)	1.15 (0.08)	0.94 (0.05)	0.88 (0.05)
Ratio	1.12 (0.13)	1.36 (0.09)	1.11 (0.04)	1.05 (0.06)
Radial kurtosis				
Lesioned CST	1.48 (0.18)	1.53 (0.15)	1.57 (0.21)	1.42 (0.18)
Ratio	1.04 (0.10)	1.13 (0.16)	1.07 (0.06)	0.99 (0.08)
AWF				
Lesioned CST	0.41 (0.02)	0.42 (0.01)	0.42 (0.02)	0.39 (0.02)
Ratio	1.02 (0.05)	1.06 (0.06)	1.04 (0.02)	0.99 (0.03)
Intra-axonal diffusivity				
Lesioned CST	0.71 (0.09)	0.59 (0.08)	0.73 (0.07)	0.73 (0.07)
Ratio	0.91 (0.09)	0.77 (0.07)	0.95 (0.05)	0.93 (0.06)
Axial extra-axonal diffusivity				
Lesioned CST	1.95 (0.17)	1.71 (0.14)	2.00 (0.20)	2.00 (0.11)
Ratio	0.95 (0.06)	0.86 (0.05)	0.95 (0.04)	0.97 (0.04)
Radial extra-axonal diffusivity				
Lesioned CST	1.07 (0.07)	0.95 (0.06)	1.10 (0.66)	1.09 (0.03)
Ratio	0.97 (0.05)	0.89 (0.04)	0.98 (0.03)	0.99 (0.05)

Note:—AWF indicates axial water fraction.

^aAll values in this table represent mean (SD).

^bIn milliliters.

^cLesioned hemisphere/contralateral hemisphere CST.