

Online Resource 1 Repeated measures mean and standard deviation (\pm SD) for macrostructural tract-specific parameters of volume, fiber number, and mean fiber length in *T. truncatus* (N=1)

Tracts	Volume (mm ³)	Fiber number	Mean fiber length (mm)
	Mean \pm SD	Mean \pm SD	Mean \pm SD
ARC			
Left	2734 \pm 0	150 \pm 0	110 \pm 0
Right	4760 \pm 0	570 \pm 0	105 \pm 0
ATR			
Left	19653 \pm 1298	3955 \pm 355	60.0 \pm 0.5
Right	18980 \pm 278	2734 \pm 75	50.9 \pm 0.1
CCA			
Left	5839 \pm 149	1009 \pm 68	45.3 \pm 1.4
Right	3313 \pm 241	530 \pm 70	36.5 \pm 1.7
CCFM			
CCFM	10894 \pm 168	2321 \pm 56	25.1 \pm 0.3
CCFMBi	4775 \pm 93	807 \pm 56	31.0 \pm 0.6
CG			
Left	3895 \pm 5	882 \pm 1	57.7 \pm 0
Right	1962 \pm 31	374 \pm 6	39.1 \pm 0.1
EC			
Left	6727 \pm 305	1396 \pm 71	40.9 \pm 0.9
Right	4866 \pm 248	646 \pm 52	31.5 \pm 0.5
FX			
	2355 \pm 96	386 \pm 27	38.2 \pm 1.4
SLF			
Left	21924 \pm 0	4450 \pm 0	65.2 \pm 0
Right	21167 \pm 124	3711 \pm 36	65.0 \pm 0.2
SLF I			
Left	3938 \pm 330	645 \pm 73	56.4 \pm 1.2
Right	8935 \pm 556	1251 \pm 68	56.2 \pm 0.1
SLF II			
Left	12838 \pm 168	2573 \pm 63	68.6 \pm 0
Right	12353 \pm 434	2402 \pm 67	69.7 \pm 0.3
SLF III			
Left	6818 \pm 0	1245 \pm 0	62.6 \pm 0
Right	1799 \pm 0	79.0 \pm 0	56.8 \pm 0

ARC (arcuate fasciculus), ATR (anterior thalamic radiation), CCA (corticocaudate tract), CCFM (corpus callosum - forceps minor), CCFMBi (corpus callosum - forceps minor, bilateral fibers), CG (cingulum), EC (external capsule), FX (fornix), SLF (superior longitudinal fasciculus system), SLF I (superior longitudinal fasciculus I), SLF II (superior longitudinal fasciculus II), SLF III (superior longitudinal fasciculus III)