

Table S2. Diffusion metrics (axial diffusivity and radial diffusivity)

Region of interest	Axial diffusivity ($\times 10^{-3}$ mm ² /s)					Radial diffusivity ($\times 10^{-3}$ mm ² /s)				
	NSLBP (n= 18)		Control (n= 18)		<i>p</i>	NSLBP (n= 18)		Control (n= 18)		<i>p</i>
	M	SD	M	SD		M	SD	M	SD	
Anterior limb internal capsule L	1.069	0.040	1.060	0.029	0.428	0.461	0.027	0.462	0.024	0.932
Anterior limb internal capsule R	1.079	0.035	1.066	0.037	0.280	0.445	0.027	0.443	0.029	0.837
Cerebral peduncle L	1.389	0.054	1.380	0.039	0.541	0.443	0.030	0.461	0.033	0.101
Cerebral peduncle R	1.368	0.050	1.359	0.057	0.615	0.446	0.030	0.449	0.028	0.783
Corticospinal tract L	1.123	0.050	1.144	0.040	0.175	0.480	0.024	0.477	0.030	0.770
Corticospinal tract R	1.098	0.035	1.101	0.037	0.778	0.468	0.031	0.477	0.026	0.392
Inferior cerebellar peduncle L	1.135	0.047	1.130	0.041	0.761	0.504	0.035	0.512	0.032	0.474
Inferior cerebellar peduncle R	1.125	0.037	1.131	0.028	0.621	0.492	0.030	0.509	0.026	0.075
Medial lemniscus L	1.200	0.051	1.199	0.061	0.971	0.477	0.036	0.487	0.032	0.393
Medial lemniscus R	1.218	0.053	1.206	0.060	0.502	0.481	0.040	0.492	0.028	0.327
Middle cerebellar peduncle	1.142	0.039	1.162	0.055	0.225	0.527	0.032	0.543	0.033	0.156
Posterior limb internal capsule L	1.180	0.031	1.179	0.031	0.919	0.369	0.016	0.368	0.015	0.835
Posterior limb internal capsule R	1.174	0.039	1.175	0.028	0.946	0.356	0.020	0.363	0.019	0.324
Posterior thalamic radiation L	1.237	0.050	1.249	0.039	0.421	0.484	0.049	0.486	0.032	0.891
Posterior thalamic radiation R	1.233	0.054	1.231	0.040	0.917	0.473	0.026	0.469	0.027	0.695
Superior cerebellar peduncle L	1.699	0.144	1.667	0.117	0.468	0.768	0.130	0.698	0.101	0.081
Superior cerebellar peduncle R	1.721	0.135	1.696	0.124	0.565	0.773	0.137	0.731	0.103	0.308