

Supplementary Table 4. TBSS results: size of clusters of MD in DM1 patients compared to healthy controls defined in ICBM-DTI-81 white-matter labels atlas (TFCE $p < 0.05$ corrected for multiple comparisons). Coordinates are expressed in MNI standard space. Age and gender were used as covariate of no interest.

JHU ICBM-DTI-81 white-matter labels		Cluster mm ³	p value	MNI coordinate		
				X (mm)	Y (mm)	Z (mm)
1	Middle cerebellar peduncle	1245	0.0002	13	-33	-29
2	Pontine crossing tract (a part of MCP)	253	0.0002	2	-33	-36
3	Genu of corpus callosum	1765	0.0002	-12	22	-8
4	Body of corpus callosum	3172	0.0002	-2	18	17
5	Splenium of corpus callosum	2370	0.0002	-14	-47	7
6	Fornix (column and body of fornix)	159	0.0002	0	4	3
7	Corticospinal tract R	154	0.0002	12	-27	-25
8	Corticospinal tract L	118	0.0002	-4	-24	-24
9	Medial lemniscus R	108	0.0002	8	-35	-25
10	Medial lemniscus L	108	0.0016	-2	-36	-44
11	Inferior cerebellar peduncle R	95	0.0016	8	-40	-41
12	Inferior cerebellar peduncle L	61	0.0016	-8	-40	-38
13	Superior cerebellar peduncle R	167	0.0002	6	-36	-24
14	Superior cerebellar peduncle L	138	0.0004	-3	-28	-19
15	Cerebral peduncle R	414	0.0002	11	-29	-21
16	Cerebral peduncle L	311	0.0002	-12	-26	-10
17	Anterior limb of internal capsule R	475	0.0002	20	20	0
18	Anterior limb of internal capsule L	440	0.0002	-19	20	0
19	Posterior limb of	638	0.0002	23	-20	-4

	internal capsule R					
20	Posterior limb of internal capsule L	644	0.0002	-12	-10	0
21	Retrolenticular part of internal capsule R	694	0.0002	39	-38	-3
22	Retrolenticular part of internal capsule L	666	0.0002	-41	-37	-3
23	Anterior corona radiata R	1505	0.0002	18	22	-13
24	Anterior corona radiata L	1521	0.0002	-17	22	-13
25	Superior corona radiata R	1347	0.0002	27	-23	19
26	Superior corona radiata L	1249	0.0002	-28	-13	19
27	Posterior corona radiata R	826	0.0002	30	-64	19
28	Posterior corona radiata L	725	0.0002	-28	-64	19
29	Posterior thalamic radiation R	1148	0.0002	35	-63	-3
30	Posterior thalamic radiation L	1056	0.0002	-34	-64	-3
31	Sagittal stratum R	595	0.0002	39	-9	-18
32	Sagittal stratum L	475	0.0002	-38	-9	-18
33	External capsule R	1329	0.0002	37	-11	-13
34	External capsule L	1392	0.0002	-33	-11	-13
35	Cingulum (cingulate gyrus) R	406	0.0002	12	-48	11
36	Cingulum (cingulate gyrus) L	423	0.0002	-11	-51	14
37	Cingulum (hippocampus) R	198	0.0002	28	-22	-26
38	Cingulum (hippocampus) L	203	0.0002	-21	-32	-14
39	Fornix (cres) / Stria terminalis R	203	0.0002	35	-7	-19
40	Fornix (cres) / Stria terminalis L	219	0.0002	-34	-7	-19
41	Superior longitudinal fasciculus R	1472	0.0002	43	-52	2
42	Superior longitudinal fasciculus L	1438	0.0002	-42	-46	2

43	Superior fronto-occipital fasciculus R	82	0.0002	22	-7	19
44	Superior fronto-occipital fasciculus L	78	0.0002	-20	2	19
45	Uncinate fasciculus R	75	0.0002	35	0	-21
46	Uncinate fasciculus L	65	0.0002	-33	-2	-21
47	Tapetum R	31	0.0002	33	-42	10
48	Tapetum L	2	0.0002	-28	-52	17