

Supplementary Table 3. TBSS results: size of clusters of FA 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	1495	0.0002	11	-33	-31
2	Pontine crossing tract (a part of MCP)	201	0.0002	2	-33	-36
3	Genu of corpus callosum	1765	0.0002	-12	22	-8
4	Body of corpus callosum	3168	0.0002	-2	18	17
5	Splenium of corpus callosum	2186	0.0002	-17	-44	7
6	Fornix (column and body of fornix)	159	0.0002	0	4	3
7	Corticospinal tract R	21	0.0010	10	-18	-22
8	Corticospinal tract L	9	0.0008	-4	-24	-23
9	Medial lemniscus R	87	0.0002	4	-39	-41
10	Medial lemniscus L	75	0.0018	-2	-37	-42
11	Inferior cerebellar peduncle R	125	0.0222	13	-47	-30
12	Inferior cerebellar peduncle L	124	0.0090	-11	-45	-33
13	Superior cerebellar peduncle R	195	0.0002	6	-31	-21
14	Superior cerebellar peduncle L	159	0.0002	-7	-35	-20
15	Cerebral peduncle R	444	0.0002	10	-30	-19
16	Cerebral peduncle L	340	0.0002	-11	-28	-17
17	Anterior limb of internal capsule R	625	0.0002	14	7	-4
18	Anterior limb of internal capsule L	629	0.0002	-13	6	-4
19	Posterior limb of internal capsule R	311	0.0002	23	-20	-4

20	Posterior limb of internal capsule L	249	0.0002	-19	-20	-4
21	Retrolenticular part of internal capsule R	633	0.0002	39	-38	-3
22	Retrolenticular part of internal capsule L	594	0.0002	-41	-37	-3
23	Anterior corona radiata R	1407	0.0002	18	22	-13
24	Anterior corona radiata L	1405	0.0002	-17	22	-13
25	Superior corona radiata R	923	0.0002	29	-4	19
26	Superior corona radiata L	860	0.0002	-28	-2	19
27	Posterior corona radiata R	653	0.0002	30	-64	19
28	Posterior corona radiata L	619	0.0002	-28	-64	19
29	Posterior thalamic radiation R	1141	0.0002	35	-63	-3
30	Posterior thalamic radiation L	1046	0.0002	-34	-64	-3
31	Sagittal stratum R	595	0.0002	39	-9	-18
32	Sagittal stratum L	474	0.0002	-38	-9	-17
33	External capsule R	1299	0.0002	37	-11	-13
34	External capsule L	1312	0.0002	-34	-11	-13
35	Cingulum (cingulate gyrus) R	405	0.0002	12	-48	11
36	Cingulum (cingulate gyrus) L	423	0.0002	-11	-51	14
37	Cingulum (hippocampus) R	192	0.0002	27	-23	-24
38	Cingulum (hippocampus) L	204	0.0002	-21	-41	-5
39	Fornix (cres) / Stria terminalis R	255	0.0002	35	-7	-19
40	Fornix (cres) / Stria terminalis L	315	0.0002	-34	-7	-19
41	Superior longitudinal fasciculus R	1363	0.0002	43	-52	2
42	Superior longitudinal fasciculus L	1251	0.0002	-42	-46	2
43	Superior fronto-	81	0.0002	23	0	19

	occipital fasciculus R					
44	Superior fronto-occipital fasciculus L	78	0.0004	-20	2	19
45	Uncinate fasciculus R	75	0.0002	35	-1	-20
46	Uncinate fasciculus L	61	0.0002	-33	-2	-21
47	Tapetum R	31	0.0002	33	-42	10
48	Tapetum L	2	0.0002	-28	-52	17