

Supplementary Table 6. TBSS results: size of clusters of AD 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	211	0.0004	12	-28	-25
2	Pontine crossing tract (a part of MCP)	135	0.0004	-4	-32	-39
3	Genu of corpus callosum	1687	0.0002	-12	22	-8
4	Body of corpus callosum	2561	0.0002	-2	18	17
5	Splenium of corpus callosum	2253	0.0002	20	-45	8
6	Fornix (column and body of fornix)	158	0.0002	2	-6	12
7	Corticospinal tract R	159	0.0004	7	-29	-37
8	Corticospinal tract L	144	0.0004	-6	-30	-39
9	Medial lemniscus R	79	0.0004	3	-36	-44
10	Medial lemniscus L	63	0.0004	-2	-36	-44
11	Inferior cerebellar peduncle R	69	0.0004	9	-40	-37
12	Inferior cerebellar peduncle L	39	0.0004	-4	-44	-55
13	Superior cerebellar peduncle R	97	0.0004	8	-42	-31
14	Superior cerebellar peduncle L	104	0.0004	-8	-43	-30
15	Cerebral peduncle R	262	0.0004	11	-29	-21
16	Cerebral peduncle L	199	0.0004	-13	-25	-7
17	Anterior limb of internal capsule R	175	0.0002	22	22	1
18	Anterior limb of internal capsule L	210	0.0002	-21	22	0
19	Posterior limb of	560	0.0002	24	-17	1

	internal capsule R					
20	Posterior limb of internal capsule L	641	0.0002	-20	-13	-2
21	Retrolenticular part of internal capsule R	564	0.0002	39	-38	-3
22	Retrolenticular part of internal capsule L	508	0.0002	-41	-37	-3
23	Anterior corona radiata R	1463	0.0002	18	22	-13
24	Anterior corona radiata L	1501	0.0002	-17	23	-13
25	Superior corona radiata R	1012	0.0002	26	-23	19
26	Superior corona radiata L	910	0.0002	-26	-23	19
27	Posterior corona radiata R	809	0.0002	30	-59	19
28	Posterior corona radiata L	673	0.0002	-28	-64	19
29	Posterior thalamic radiation R	724	0.0002	35	-63	-3
30	Posterior thalamic radiation L	795	0.0002	-34	-63	-3
31	Sagittal stratum R	587	0.0002	39	-9	-18
32	Sagittal stratum L	444	0.0002	-38	-9	-18
33	External capsule R	1116	0.0002	37	-11	-13
34	External capsule L	1119	0.0002	-33	-11	-13
35	Cingulum (cingulate gyrus) R	233	0.0002	12	-45	26
36	Cingulum (cingulate gyrus) L	74	0.0002	-10	-36	31
37	Cingulum (hippocampus) R	98	0.0092	15	-43	2
38	Cingulum (hippocampus) L	0	/	/	/	/
39	Fornix (cres) / Stria terminalis R	65	0.0002	35	-7	-19
40	Fornix (cres) / Stria terminalis L	77	0.0002	-34	-7	-19
41	Superior longitudinal fasciculus R	1407	0.0002	43	-52	2
42	Superior longitudinal fasciculus L	1310	0.0002	-42	-46	2

43	Superior fronto-occipital fasciculus R	70	0.0002	22	-7	19
44	Superior fronto-occipital fasciculus L	72	0.0002	-22	5	19
45	Uncinate fasciculus R	55	0.0002	35	0	-21
46	Uncinate fasciculus L	62	0.0002	-33	-2	-21
47	Tapetum R	31	0.0002	33	-43	11
48	Tapetum L	2	0.0002	-28	-52	17