

Supplementary Table 2. VBM results: size of clusters of cortical atrophy in DMI patients compared to healthy controls defined in AAL map (TFCE $p < 0.001$ corrected for multiple comparisons). Coordinates are expressed in MNI standard space. Age and gender were used as covariate of no interest.

AAL anatomical area		Cluster size (mm ³)	MNI Coordinates		
			x(mm)	y(mm)	z(mm)
1	Precentral_L	11848	-32	-32	60
2	Precentral_R	14664	12	-34	72
3	Frontal_Sup_L	8776	-18	12	48
4	Frontal_Sup_R	8848	16	-18	64
5	Frontal_Sup_Orb_L	2912	-18	16	-16
6	Frontal_Sup_Orb_R	3264	22	16	-16
7	Frontal_Mid_L	8488	-32	10	34
8	Frontal_Mid_R	11272	48	10	40
9	Frontal_Mid_Orb_L	2000	-18	28	-16
10	Frontal_Mid_Orb_R	2448	24	28	-22
11	Frontal_Inf_Oper_L	2432	-42	2	24
12	Frontal_Inf_Oper_R	4672	46	2	22
13	Frontal_Inf_Tri_L	6032	-34	10	26
14	Frontal_Inf_Tri_R	3416	46	12	22
15	Frontal_Inf_Orb_L	6536	-20	16	-16
16	Frontal_Inf_Orb_R	6456	24	16	-18
17	Rolandic_Oper_L	5168	-36	-36	18
18	Rolandic_Oper_R	4352	44	-34	20
19	Supp_Motor_Area_L	32	-2	-12	70
20	Supp_Motor_Area_R	2120	4	-30	56
21	Olfactory_L	176	-2	20	-18
22	Olfactory_R	192	24	14	-18
23	Frontal_Sup_Medial_L	3320	0	30	32
24	Frontal_Sup_Medial_R	1320	14	42	0
25	Frontal_Mid_Orb_L	2592	-4	22	-14
26	Frontal_Mid_Orb_R	3152	8	22	-14
27	Rectus_L	3632	-16	16	-16
28	Rectus_R	2992	22	14	-16
29	Insula_L	5568	-34	-32	20
30	Insula_R	6104	38	-30	22
31	Cingulum_Ant_L	4536	2	20	-10
32	Cingulum_Ant_R	2896	2	22	-8
33	Cingulum_Mid_L	1224	0	-42	34
34	Cingulum_Mid_R	1000	4	-54	32
35	Cingulum_Post_L	1968	0	-54	22
36	Cingulum_Post_R	912	4	-58	30
37	Hippocampus_L	672	-14	-40	4
38	Hippocampus_R	848	18	-36	0
39	ParaHippocampal_L	8	-18	-36	-4
40	ParaHippocampal_R	1096	20	-28	-12
43	Calcarine_L	10344	4	-98	-6
44	Calcarine_R	8512	26	-100	2

45	Cuneus_L	8144	-2	-98	14
46	Cuneus_R	6464	20	-100	8
47	Lingual_L	8816	-18	-100	-14
48	Lingual_R	6640	20	-98	-8
49	Occipital_Sup_L	4264	-20	-102	12
50	Occipital_Sup_R	7120	22	-102	6
51	Occipital_Mid_L	5248	-18	-104	2
52	Occipital_Mid_R	9968	28	-100	0
53	Occipital_Inf_L	2920	-18	-100	-12
54	Occipital_Inf_R	1752	28	-100	-6
55	Fusiform_L	2016	-20	-88	-10
56	Fusiform_R	9376	26	-86	-16
57	Postcentral_L	15728	-22	-52	56
58	Postcentral_R	14256	26	-50	56
59	Parietal_Sup_L	6120	-12	-82	46
60	Parietal_Sup_R	2624	22	-82	48
61	Parietal_Inf_L	4904	-30	-58	54
62	Parietal_Inf_R	2632	54	-62	38
63	SupraMarginal_L	3832	-58	-56	24
64	SupraMarginal_R	7408	62	-48	34
65	Angular_L	952	-58	-62	28
66	Angular_R	3040	38	-78	42
67	Precuneus_L	7784	-6	-82	44
68	Precuneus_R	6936	10	-82	46
69	Paracentral_Lobule_L	3664	-8	-42	76
70	Paracentral_Lobule_R	3440	10	-42	68
73	Putamen_L	56	-28	0	12
74	Putamen_R	416	32	0	10
77	Thalamus_L	152	0	-18	6
78	Thalamus_R	448	16	-34	2
79	Heschl_L	1224	-36	-30	14
80	Heschl_R	1288	38	-32	16
81	Temporal_Sup_L	5416	-40	-38	16
82	Temporal_Sup_R	8760	60	-52	18
83	Temporal_Pole_Sup_L	896	-34	16	-24
84	Temporal_Pole_Sup_R	472	38	6	-26
85	Temporal_Mid_L	9032	-60	-56	22
86	Temporal_Mid_R	13720	52	-76	0
87	Temporal_Pole_Mid_L	200	-46	8	-30
88	Temporal_Pole_Mid_R	1688	38	0	-36
89	Temporal_Inf_L	6432	-52	-60	-24
90	Temporal_Inf_R	14080	50	-74	-4
91	Cerebelum_Crus1_L	1544	-12	-92	-24
92	Cerebelum_Crus1_R	1464	20	-92	-26
93	Cerebelum_Crus2_L	496	-10	-92	-26
94	Cerebelum_Crus2_R	296	8	-84	-30
96	Cerebelum_3_R	8	12	-32	-12
97	Cerebelum_4_5_L	672	-8	-64	-6

98	Cerebelum_4_5_R	472	8	-60	-4
99	Cerebelum_6_L	104	-8	-70	-10
100	Cerebelum_6_R	1488	16	-86	-16
103	Cerebelum_8_L	752	-28	-48	-44
104	Cerebelum_8_R	1328	24	-46	-46
105	Cerebelum_9_L	168	-18	-46	-44
106	Cerebelum_9_R	960	20	-48	-46
107	Cerebelum_10_L	32	-20	-42	-42
108	Cerebelum_10_R	224	24	-42	-44
111	Vermis_4_5	1272	4	-62	-2
112	Vermis_6	16	2	-58	-20
113	Vermis_7	48	6	-80	-26

Abbreviations: AAL = Automated Anatomical Labeling atlas; MNI = Montreal Neurological Institute standard space.