

On-line Table 1: Demographic and clinical characteristics of 19 patients with primary CD

No.	Sex	Age (yr)	Symptom Duration (yr)	Tsui Score (Baseline)	Tsui Score (Follow-up)	Time between MRI Studies (mo)
1	F	72	8	10	18	58
2	F	41	18	16	15	58
3	F	43	9	6	9	58
4	F	38	24	9	9	60
5	M	38	9	10	12	69
6	F	37	25	6	5	64
7	F	52	7	8	NA	NA
8	F	58	13	12	10	61
9	F	49	3	12	NA	NA
10	M	69	10	9	8	68
11	F	45	8	15	13	59
12	F	55	5	11	NA	NA
13	M	54	21	8	NA	NA
14	F	53	21	8	NA	NA
15	M	61	14	13	7	70
16	F	49	9	7	7	65
17	F	68	17	6	NA	NA
18	F	60	8	13	NA	NA
19	F	68	13	13	10	69

On-line Table 2: Brain regions showing significantly lower GM volume in 19 patients with CD with respect to 28 healthy controls

Brain Region	Brodmann Areas	Cluster Level		Voxel Level		MNI Coordinates
		$P_{corrected}$	k	FDR	z Score	
L caudate head	—	.006	1383	0.01	3.93	-12 6 12
L putamen	—			0.01	3.62	-24 12 -6
L primary sensory motor	1, 2, 3, 4	.05	555	0.01	3.70	-60 -14 20
L premotor	6			0.01	3.52	-48 -6 34
R primary sensory motor	1, 2, 3, 4	.05	495	0.01	3.63	62 -8 26
R premotor	6	.05	489	0.01	3.57	46 -2 40
R primary sensory motor	1, 2, 3, 4			0.01	3.54	24 -6 48
R premotor	6			0.01	3.47	44 2 54

Note:—Bold-type numbers indicate large clusters; regular-type numbers indicate sub-clusters (peaks at least 8 mm apart)