

Online Resource 1. Additional demographic and PET scanning information.

	MS1	MS2	MS3	MS4	MS5	HC1	HC2	HC3	HC4	HC5	<i>p</i> -value
Demographics											
Age (years)	33	49	51	21	39	31	44	22	27	59	0.84*
Gender (M/F)	F	M	F	F	M	F	M	M	F	F	1.00 [#]
BMI	19	24	22	22	22	20	28	27	27	32	0.20*
Smoking (Y/N)	N	Y	Y	Y	Y	N	N	N	Y	N	0.74 [#]
Disease duration (years)	0.5	5.0	2.5	0.8	0.1						
Expanded Disability Status Scale	4.0	5.5	3.0	2.0	2.0						
Other medical history	M. Graves, migraine				Sleep apnea						
Relevant medication	rizatriptan propylthiouracil										
PET scanning details											
Time of tracer injection	14:57	11:03	11:08	15:18	14:44	14:17	15:09	15:24	15:14	11:12	0.42*
Injected activity (MBq)	244.0	400.3	344.2	386.5	384.4	360.7	392.2	345.2	378.6	390.0	0.84*
Molar activity (GBq/μmol)	152.3	56.0	17.1	60.5	50.1	98.4	27.3	43.1	63.3	25.2	0.84*

*Mann-Whitney U test, [#]Chi-square test