

Supplementary table 6. Comparison of MOG+ and MOG- ADEM

Patient data	Anti-MOG positive		Anti-MOG negative	
	number	%	number	%
n =	13		56	
Median age at first event, years (range)	10 (4-41)		7 (0.8-28)	
Female	6/13	46.2	20/50	40.0
Second clinical event	3/11	27.3	10/39	25.6
Oligoclonal bands in CSF	1/4	25.0	5/14	35.7
Sample Source				
Argentina	1/13	7.7	12/56	21.4
Germany	1/13	7.7	4/56	7.1
Japan	2/13	15.4	5/56	8.9
Canada	5/13	38.5	17/56	30.4
Russia	2/13	15.4	15/56	26.8
UK	2/13	15.4	2/56	3.6
USA	0/13	0	1/56	1.8
Outcome				
No residual deficits	4/9	44.4	24/34	70.6
Residual deficits	5/9	55.6	9/34	26.5
Level of consciousness on presentation				
Behavioral changes	5/10	50.0	24/35	68.6
Lethargy	6/10	60.0	25/35	71.4
Coma	1/10	10.0	5/33	15.2
Seizures				
Focal seizures	0/10	0	8/35	22.9
Generalized seizures	1/10	10.0	5/33	15.2
Bilateral and unilateral symptoms				
At least one bilateral symptom	6/10	60.0	12/33	36.4
Bilateral motor	5/10	50.0	8/33	24.2
Bilateral sensory	3/10	30.0	3/31	9.7
Bilateral optic neuritis	1/10	10.0	4/33	12.1
At least one unilateral symptom	1/10	10.0	24/36	66.7
Unilateral motor	1/10	10.0	17/35	48.6
Unilateral sensory	1/10	10.0	9/33	27.3
Unilateral optic neuritis	0/10	0	6/34	17.6
Movement disorders				
At least one symptom	5/11	45.5	24/38	63.2
Myoclonus	0/10	0	1/35	2.9
Tremor	0/10	0	6/35	17.1
Cerebellar ataxia	5/11	45.5	24/38	63.2
Brainstem symptoms				
At least one brainstem symptom	4/10	40.0	24/38	63.2
Facial weakness	0/10	0	9/35	25.7
Dysphagia	1/10	10.0	7/35	20.0
Dysarthria	2/10	20.0	8/34	23.5
Ophthalmoplegia	3/10	30.0	12/35	34.3
Location of T2 bright lesions on MRI				
Supratentorial	9/10	90.0	26/33	78.8
Periventricular white matter	6/10	60.0	26/34	76.5
Corpus Callosum, other white matter	5/10	50.0	14/31	45.2
Cortical grey matter	3/10	30.0	9/34	26.5
Subcortical grey matter	1/10	10.0	12/34	35.3
Infratentorial				
Brainstem / cerebellum	5/10	50.0	21/34	61.8
Optic nerve	1/10	10.0	5/33	15.2
Spine	3/10	30.0	12/33	36.4
Lesion features on MRI				
Gadolinium enhancing lesions	4/10	40.0	11/28	39.3
T1 black holes	1/10	10.0	7/32	21.9
Multifocal	8/10	80.0	27/33	81.8
Focal	2/10	20.0	6/32	18.8
Single large tumor-like lesion	1/10	10.0	2/32	6.3