

Supplementary Table 1: Comparison of disability and outcome in attacks of MOGAD, AQP-4-IgG-NMOSD, and MS involving the brainstem, cerebellum or both

Clinical outcomes	MOGAD brainstem or cerebellar attack (n=39)	AQP4-IgG NMOSD brainstem or cerebellar attack (n=30)	MOGAD vs AQP4-IgG-NMOSD <i>P</i> -value ^a	MS brainstem or cerebellar attack (n=30) ^a	MOGAD vs MS <i>P</i> -value ^b
Median EDSS at attack nadir (range)	7 (0 – 9) ^c	6.5 (0 – 10) ^e	.55	3 (0 – 3.5) ^f	.08
Median Brainstem FSS at attack nadir (range)	2 (0 – 5) ^c	2 (0 – 5) ^e	.94	3 (0 – 3) ^f	.80
Median Cerebellar FSS at attack nadir (range)	0 (0 – 2) ^d	0.5 (0 – 4) ^f	.87	1 (0 – 2) ^f	.56
Median EDSS at recovery (range)	0 (0 – 9) ^g	1 (0 – 10) ⁱ	.35	1 (0 – 3.5) ^g	.22
Median Brainstem FSS at recovery (range)	0 (0 – 4) ^g	0 (0 – 5) ⁱ	.41	0 (0 – 3) ^g	.60
Median Cerebellar FSS at recovery (range)	0 (0 – 2) ^h	0 (0 – 1) ^d	.67	0 (0 – 3) ^g	.12
Median duration of follow up, months (range)	21 (3 – 121)	70 (6 – 334)	.002	42 (1 – 189)	.03

Key: AQP4, aquaporin-4; EDSS, expanded disability status scale; FSS, functional systems score;

MOG, myelin oligodendrocyte glycoprotein; MS, multiple sclerosis.

^a statistical comparison between MOG IgG and AQP4 IgG cases,

^b statistical comparison between MOG IgG and MS cases,

^c median and range data based on 13 patients with information available,

^d median and range data based on 11 patients with information available,

^e median and range data based on 9 patients with information available,

^f median and range data based on 8 patients with information available,

^g median and range data based on 17 patients with information available,

^h median and range data based on 16 patients with information available,

ⁱ median and range data based on 12 patients with information available.