

Supplementary Table 1: PainDetect Questionnaire

PainDETECT	MOG-IgG-pos. NMOSD patients with pain ¹	AQP4-IgG-pos. NMOSD patients with pain	p Value MOG-IgG-pos./ AQP4-IgG-pos. NMOSD patients with pain	AQP4/MOG-IgG-neg. NMOSD patients with pain
N of pain patients ¹	12 (14)	24 (29)	0.363	6 (6)
Present pain intensity (0-10)	2 [1] (0-7)	3.4 [4] (0-7)	0.184	3.1 [3] (0-8)
Grades: n (%)				
No (0)	6 (50.0%)	12 (50.0%)		2 (33.33%)
Mild (1-4)	6 (50.0%)	9 (37.5%)		1 (16.67%)
Moderate (5-6)	1 (8.33%)	4 (16.67%)		2 (33.33%)
Severe (7-10)	1 (8.33%)	4 (16.67%)		1 (16.67%)
Most intense pain: last 4 weeks (0-10)	4.5 [4.5] (2-8)	5.5 [6] (3-9)	0.362	4.6 [5] (1-8)
Average pain: last 4 weeks (0-10)	2.6 [2] (0-6)	3.8 [4] (0-9)	0.248	4 [5] (0-8)
Localization of the most intense pain n (%)				
Extremities	6 (50.0%)	17 (70.8%)	0.515	4 (66.67%)
Torso/Buttock/Hip	1 (8.33%)	11 (45.8%)	0.065	4 (66.67%)
Head/Neck	6 (50.0%)	7 (29.1%)	0.292	3 (50.0%)
Neuropathic pain score n (%)				
Negative (<12)	9 (75.0%)	9 (37.5%)	0.075	3 (50.0%)
Intermediate (13-18)	1 (8.33%)	8 (33.33%)	0.121	1 (16.67%)
Positiv (>18)	2 (16.67%)	6 (25.0%)	0.685	2 (33.33%)
Correlation: Present pain intensity				
VAS general health	0.165	0.000*		0.973
VAS fatigue	0.663	0.000*		0.534
SF-36 PCS	0.192	0.008*		0.234
SF-36 MCS	0.047*	0.031*		0.221
BDI-II	0.001*	0.112		0.139

¹Patients suffering from present pain or pain during the last four weeks ≥ 1 ; Pain intensity: mean [median] (range); p-value: Fisher's Exact Test for pain localization, neuropathic pain score; p-value: Pearson's Correlation Test for correlation with present pain intensity; p-value others: Mann-Whitney U test; Significant p-values are indicated with bold font.

