

**Supplementary Table 1.** MSNQ-P cut-off scores and psychometric properties stratified for education

	Cut-off <sup>a</sup>	Sensitivity	Specificity	PPV	NPV	Accuracy <sup>b</sup>	AUC
<i>Higher education (N=163)</i>							
CI vs. MCI and CP	12	.87	.40	.25	.93	.48	.68*
CI and MCI vs. CP	12	.85	.52	.59	.81	.67	.69*
<i>Middle education (N=105)</i>							
CI vs. MCI and CP	18	.62	.46	.31	.76	.50	.50
CI and MCI vs. CP	18	.61	.51	.68	.44	.57	.55
<i>Lower education (N=84)</i>							
CI vs. MCI and CP	30	.42	.77	.52	.70	.64	.58
CI and MCI vs. CP	28	.40	.79	.87	.28	.49	.56

Abbreviations: CI=cognitively impaired; MCI=mildly cognitively impaired; CP=cognitively preserved; PPV=positive predictive value; NPV=negative predictive value; AUC=area under the curve. <sup>a</sup>Optimal cut-off score on the patient-reported Multiple Sclerosis Neuropsychological Questionnaire (MSNQ-P) to detect the cognitively impaired patient group (either CI or a combination of both CI and MCI patients). <sup>b</sup>% correctly classified as cognitively impaired and cognitively preserved. \*significantly different from .50 ( $p < .01$ ).