

Table 5 Pathological results of the neuropsychological test battery assessment

Neuropsychological domain	Group D		Group I		Group M		Statistics	
	n	%	n	%	n	%	X ²	p
<i>Attention / Executive function</i>								
Alertness, TAP ^a	8/29	27.6%	11/38	28.9%	8/24	33.3%	0.22	0.893
Divided attention, TAP ^a	12/28	42.8%	21/37	56.7%	8/23	34.8%	2.98	0.225
Selective attention, TAP ^a	5/29	17.2%	9/38	23.7%	2/23	8.7%	2.21	0.331
Trail Making Part A, TMT ^b	10/29	34.5%	11/38	28.9%	4/24	16.6%	2.16	0.339
Trail Making Part B, TMT ^b	9/28	32.1%	11/38	28.9%	4/24	16.6%	1.75	0.415
Tower of London, TvL ^c	3/29	10.3%	6/38	15.8%	4/24	16.6%	0.54	0.759
<i>Visuo-constructive functions</i>								
Mental rotation, LPS ^d	6/28	21.4%	5/37	13.5%	3/24	12.5%	1.01	0.602
Visual-spatial function, 5PT ^e	6/30	20.0%	7/38	18.4%	2/24	8.3%	1.54	0.462
<i>Verbal fluency</i>								
Phonematic, RWT ^f	14/30	46.6%	14/38	36.8%	9/24	37.5%	0.77	0.679
Semantic, RWT ^f	8/30	26.6%	10/38	26.3%	7/24	29.2%	0.06	0.967
<i>Learning / Memory</i>								
Verbal learning/memory, VLMT ^g	17/30	56.6%	22/38	57.9%	12/24	50.0%	0.39	0.819
Visual digit span forward, BTT ^h	12/30	40.0%	15/38	39.5%	10/24	41.6%	0.03	0.984
Visual digit span backwards., BTT ^h	12/30	40.0%	17/36	47.2%	7/24	29.2%	1.51	0.469
<i>Hand motor function</i>								
Finger tapping right hand, FTT ⁱ	0/27	0%	0/38	0%	0/24	0%		
Finger tapping left hand, FTT ⁱ	1/27	3.7%	1/37	2.7%	0/24	0%	0.83	0.657
Finger tapping both hands, FTT ⁱ	3/27	11.1%	2/37	5.4%	0/24	0%	2.93	0.230

^a Testbatterie zur Aufmerksamkeitsprüfung [22], ^b Trail Making Test [23], ^c Tower of London [24], ^d Leistungsprüfungssystem [25], ^e Five-Point-Test, ^f Regensburger Wortflüssigkeitstest [27], ^g Verbal Learning and Memory Test [28], ^h Block Tapping Test [29], ⁱ Finger Tapping Test [30]