

Table 2: Statistical comparisons of hippocampal subfields volumes between groups covariated by age and sex.

Volume	HC	MSp	MSi	HC-MSp	HC-MSi	MSp-MSi
Left				p value (Cohen's d)	p value (Cohen's d)	p value (Cohen's d)
Posterior Hippocampus	1.846 (0.286)	1.832 (0.280)	1.726 (0.312)	1.000	0.311	0.307
Presubiculum	2.440 (0.288)	2.313 (0.269)	2.061 (0.423)	0.649	0.004 ** (1.05)	0.031 * (0.71)
CA1	1.633 (0.184)	1.693 (0.225)	1.594 (0.204)	1.000	0.902	0.080
CA2-3	4.972 (0.531)	4.901 (0.432)	4.472 (0.666)	1.000	0.022 * (0.82)	0.017 * (0.77)
Fimbria	0.408 (0.107)	0.366 (0.113)	0.266 (0.147)	1.000	0.012 * (1.10)	0.029 * (0.76)
Subiculum	3.346 (0.394)	3.270 (0.272)	3.026 (0.417)	1.000	0.009** (0.80)	0.024 * (0.70)
CA4-DG	2.827 (0.275)	2.769 (0.235)	2.543 (0.349)	1.000	0.008** (1.03)	0.013 * (0.76)
Hippocampal Fissure	0.230 (0.088)	0.220 (0.073)	0.185 (0.082)	1.000	0.200	0.301
Right						
Posterior Hippocampus	1.995 (0.265)	1.922 (0.306)	1.784 (0.293)	1.000	0.031 * (0.757)	0.114
Presubiculum	2.236 (0.328)	2.173 (0.245)	2.031 (0.360)	1.000	0.191	0.429
CA1	1.732 (0.140)	1.813 (0.252)	1.749 (0.212)	0.904	1.000	0.347
CA2-3	5.077 (0.455)	5.073 (0.540)	4.828 (0.637)	1.000	0.829	0.463
Fimbria	0.320 (0.054)	0.282 (0.103)	0.179 (0.107)	1.000	0.001 ** (1.56)	0.001 ** (0.99)
Subiculum	3.225 (0.387)	3.222 (0.317)	3.086 (0.372)	1.000	0.649	0.453
CA4-DG	2.834 (0.260)	2.845 (0.266)	2.729 (0.340)	1.000	1.000	0.520
Hippocampal Fissure	0.250 (0.075)	0.254 (0.101)	0.228 (0.074)	1.000	0.749	0.568

Abbreviations: HC: healthy controls; MSp: multiple sclerosis preserved patients; MSi: multiple sclerosis impaired patients; CA: cornu ammonis. **: significantly different at $p < 0.01$; *: significantly different at $p < 0.05$; For significant comparisons, Cohen's d value is provided as an estimator of the size of the differences.