

On-line Table: Parameters of automatic brain tissue and myelin volumetry determined via quantitative synthetic MRI pre- and postadministration of gadolinium-based contrast agent^a

	WMV (mL)	GMV (mL)	CSFV (mL)	NV (mL)	MYV (mL)	BPV (mL)	MYF (%)	ICV (mL)
With metastases pre-GBCA	538.82 ± 80.51	650.41 ± 84.91	229.54 ± 54.79	45.03 ± 22.22	174.71 ± 27.80	1234.12 ± 114.01	14.20 ± 1.84	1463.71 ± 127.94
With metastases post-GBCA	565.46 ± 80.69	614.18 ± 97.41	208.77 ± 52.33	46.05 ± 18.61	184.85 ± 27.89	1227.35 ± 113.11	15.08 ± 1.95	1436.29 ± 123.47
Difference	26.65 ± 15.60 ^b	-36.23 ± 31.82 ^c	-20.77 ± 7.45 ^b	1.02 ± 13.87	10.14 ± 5.42 ^b	-6.76 ± 8.69 ^c	0.88 ± 0.59 ^c	-27.41 ± 9.49 ^b
Without metastases pre-GBCA	535.27 ± 83.31	625.24 ± 59.87	263.32 ± 66.21	31.96 ± 10.16	170.87 ± 29.34	1192.37 ± 133.64	14.24 ± 1.27	1455.84 ± 149.21
Without metastases post-GBCA	564.68 ± 84.64	590.75 ± 62.01	244.38 ± 64.13	34.52 ± 8.54	183.33 ± 30.38	1189.53 ± 134.27	15.33 ± 1.25	1434 ± 145.98
Difference	29.42 ± 11.99 ^b	-34.49 ± 15.03 ^b	-18.94 ± 4.62 ^b	2.56 ± 4.80	12.46 ± 3.94 ^b	-2.84 ± 5.50 ^d	1.09 ± 0.31 ^b	-21.84 ± 7.20 ^b

Note:—WMV indicates WM volume; GMV, GM volume; CSFV, CSF volume; NV, non-WMV/GM/CSF volume; MYV, myelin volume; BPV, brain parenchymal volume; MYF, myelin volume/brain parenchymal volume.

^a Data are mean ± SD.

^b Wilcoxon signed rank test $P < .001$.

^c Wilcoxon signed rank test $P < .01$.

^d Wilcoxon signed rank test $P < .05$.