

Supplementary Materials

Table S1. Summary of mean values of ADC histogram parameters.

Parameter	Mean	SD	Min	Max
Minimum	477.502748	264.965564	-256	1116
Maximum	1524.4584	656.539304	135	3826
Mean	854.916404	328.481986	74.9096859	1742.13482
Standard Deviation	161.416139	82.2013793	10.1672321	480.820994
ADC ₁	566.584289	234.248578	47	1205.64
ADC ₅	630.146579	252.647978	49.8	1351.1
ADC ₁₅	696.967043	273.171824	59	1464.1
ADC ₁₆	740.20063	288.277534	62	1525
ADC ₇₅	949.46049	366.028907	82	1948
ADC ₉₅	1149.98729	456.658557	98	2607.4
ADC ₉₉	1310.78852	534.709867	109.96	3214.1
ADC Skewness	0.70058876	0.52654495	-1.0129279	2.16832945
ADC Kurtosis	4.09562495	1.50679093	1.85150601	8.73794856
WM _{Min}	575.317177	211.18682	44	1198
WM _{Max}	811.149802	309.310145	83	1968
WM _{Mean}	688.658343	252.255017	70.0784314	1484.54673
WM _{SD}	48.4144682	25.5357461	3.51379334	149.331673
WM ₁	585.876283	213.223575	45.56	1222.7
WM ₅	610.73079	222.715548	54	1265.4
WM ₁₅	637.639054	232.355639	58.8	1313.8
WM ₂₅	654.502431	238.778132	63	1367
WM ₇₅	722.207899	266.314159	75	1593
WM ₉₅	768.674098	284.533744	79.5	1729.4
WM ₉₉	800.017998	301.525502	82.9	1864.56
WM Skewness	0.09640038	0.39675475	-1.0089145	1.17621439
WM Kurtosis	2.85275338	0.68178171	1.81001633	5.60791992
nADC _{Min}	0.85564686	0.37916413	-0.3815201	1.84768212
nADC _{Max}	1.89212724	0.47470022	0.73548387	3.18963338
nADC _{Mean}	1.25451006	0.27695343	0.49461055	2.36769555
nADC ₁	0.98675921	0.28406564	0.20610483	1.97467857
nADC ₅	1.04802127	0.27864378	0.25187707	2.16141417
nADC ₁₅	1.10773235	0.27516706	0.32084194	2.2606346
nADC ₇₅	1.32795052	0.29070075	0.60310219	2.3933287
nADC ₉₅	1.51144321	0.33808471	0.63047656	2.55381181
nADC ₉₉	1.65392267	0.38383613	0.63411587	2.75167925

SD = standard deviation. ADC = apparent diffusion coefficient. nADC = normalized ADC ratios computed as the ratio of the ADC values within a lesion to the ADC values within normal white matter. WM = white matter.

Table S2. Correlations of non-normalized ADC values with Ki-67 in patients with available data. Results considered significant (*) when $p < 0.05$.

Parameter	All Patients (n = 28)		No Hemorrhage (n = 18)		HIV+ (n = 2)		HIV- (n = 26)	
	r	p-value	r	p-value	r	p-value	r	p-value
ADC _{Min}	0.136	0.49	0.578	0.01*	--	--	0.183	0.37
ADC _{Max}	0.004	0.99	0.325	0.19	--	--	0.068	0.74
ADC _{Mean}	0.074	0.71	0.533	0.02*	--	--	0.154	0.45
ADC _{SD}	-0.022	0.91	0.286	0.25	--	--	0.034	0.87
ADC ₁	0.147	0.46	0.591	0.01*	--	--	0.219	0.28
ADC ₅	0.117	0.55	0.575	0.01*	--	--	0.194	0.34
ADC ₁₅	0.087	0.66	0.549	0.02*	--	--	0.167	0.42
ADC ₁₆	0.084	0.67	0.543	0.02*	--	--	0.164	0.42
ADC ₇₅	0.063	0.75	0.521	0.03*	--	--	0.143	0.49
ADC ₉₅	0.054	0.78	0.493	0.04*	--	--	0.130	0.53
ADC ₉₉	0.052	0.79	0.478	0.045*	--	--	0.125	0.54

ADC = apparent diffusion coefficient.