

Supplemental Table S1- Apparent diffusion coefficient (ADC) and fractional anisotropy (FA) values for different intracranial lesions in dogs and cats

Lesion Type ^{Reference}	ADC Dogs (10 ⁻³ mm ² /s)	ADC Cats (10 ⁻³ mm ² /s)	FA Dogs (10 ⁻³ mm ² /s)	FA Cats (10 ⁻³ mm ² /s)
Non-neoplastic Lesions				
Non-infectious meningoencephalitis ³⁵ (median, range)	0.88 (0.5-1.36)	NR	0.17 (0.13-0.59)	NR
Non-infectious meningoencephalitis ³⁷ (mean [SD])	1.14 [0.22]	NR	NR	NR
Acute ischemic infarction ³⁷ (mean [SD])	0.68 [0.25]	NR	NR	NR
Chronic ischemic infarction ³⁷ (mean [SD])	1.1 [0.24]	NR	NR	NR
Hemorrhagic infarction ³⁷ (mean [SD])	1.64 [0.44]	NR	NR	NR
Neoplastic Lesions				
Meningioma				
• Intratumoral ROI (Small) ²⁶ (median, range)	0.98 (0.54-1.45)	0.72 (0.64-0.78)	0.19 (0.1-0.3)	0.24 (0.20-0.33)
• Peritumoral ROI ²⁶ (median, range)	0.95 (0.51-1.16)	0.83 (0.76-0.97)	0.3 (0.14-0.44)	0.38 (0.31-0.42)
• Intratumoral ROI ³⁵ (median, range)	0.93 (0.56-3.29)	NR	0.28 (0.08-0.42)	NR
• Intratumoral ROI ³⁷ (mean [SD])	1.32 [0.34]	NR	NR	NR
• Intratumoral ROI (Small) ⁵⁴ (median, range)	1.07 (0.8-1.21)	NR	0.18 (0.13-0.23)	NR
• Peritumoral ROI ⁵⁴ (median, range)	0.93 (0.82-1.18)	NR	0.29 (0.13-0.44)	NR
• Grade I (Mean) ⁴² (mean [SD])	1.15 [0.16]	NR	NR	NR
• Grade II (Mean) ⁴² (mean [SD])	1.0 [0.19]	NR	NR	NR
• Grade III (Mean) ⁴² (mean [SD])	1.23 [0.22]	NR	NR	NR
Histiocytic Sarcoma				
• Intratumoral ROI (Small) ⁵⁴ (median, range)	0.76 (0.70-0.93)	NR	0.16 (0.12-0.27)	NR
• Peritumoral ROI ⁵⁴ (median, range)	1.08 (0.94-1.2)	NR	0.24 (0.19-0.32)	NR
Pituitary tumors ³⁷ (mean [SD])	0.91 [0.25]	NR	NR	NR
Glioma ³⁵ (median, range)	0.88 (0.38-2.5)	NR	0.18 (0.07-0.56)	NR
Glioma ³⁷ (mean [SD])	0.96 [0.36]	NR	NR	NR
Choroid plexus tumor ³⁷ (mean [SD])	1.64 [0.35]	NR	NR	NR
Metastatic hemangiosarcoma ³⁵ (median, range)	0.95 (0.18-1.48)	NR	0.3 (0.2-0.67)	NR

NR= not reported

ROI= region of interest