

Table S1. Comparison of apparent diffusion coefficient (ADC) values ($\times 10^{-3} \text{ mm}^2/\text{s}$) from b-value combinations (b=500, 1000/1500/2000 s/mm²), (b=1000, 1500/2000 s/mm²), and (b=1500, 2000 s/mm²) in each group (n=5).

Group	b=500, 1000 s/mm ²		b=500, 1500 s/mm ²		b=500, 2000 s/mm ²		b=1000, 1500s/mm ²		b=1000, 2000 s/mm ²		b=1500, 2000 s/mm ²	
	Model	Control	Model	Control	Model	Control	Model	Control	Model	Control	Model	Control
Day 9	0.9 $\pm$ 0.13 ^a	0.89 $\pm$ 0.05 ^a	0.81 $\pm$ 0.13 ^a	0.8 $\pm$ 0.05 ^a	0.69 $\pm$ 0.1 ^a	0.7 $\pm$ 0.05 ^a	0.7 $\pm$ 0.15 ^a	0.72 $\pm$ 0.06 ^a	0.58 $\pm$ 0.11 ^a	0.63 $\pm$ 0.07 ^a	0.48 $\pm$ 0.08 ^a	0.52 $\pm$ 0.07
Day 12	0.86 $\pm$ 0.08 ^a	0.89 $\pm$ 0.04 ^a	0.74 $\pm$ 0.11 ^a	0.8 $\pm$ 0.05	0.65 $\pm$ 0.08 ^a	0.68 $\pm$ 0.04 ^a	0.54 $\pm$ 0.08 ^b	0.71 $\pm$ 0.03	0.53 $\pm$ 0.09 ^a	0.61 $\pm$ 0.03	0.46 $\pm$ 0.11 ^a	0.51 $\pm$ 0.03
Day 15	0.47 $\pm$ 0.08 ^b	0.88 $\pm$ 0.05	0.43 $\pm$ 0.07 ^b	0.79 $\pm$ 0.05	0.38 $\pm$ 0.06 ^b	0.72 $\pm$ 0.06	0.34 $\pm$ 0.07 ^c	0.74 $\pm$ 0.05	0.31 $\pm$ 0.06 ^b	0.63 $\pm$ 0.06	0.3 $\pm$ 0.08 ^b	0.52 $\pm$ 0.06
Day 18	0.34 $\pm$ 0.03 ^c	0.87 $\pm$ 0.05	0.33 $\pm$ 0.03 ^b	0.78 $\pm$ 0.05	0.33 $\pm$ 0.04 ^b	0.69 $\pm$ 0.04	0.31 $\pm$ 0.07 ^c	0.74 $\pm$ 0.03	0.29 $\pm$ 0.05 ^b	0.63 $\pm$ 0.06	0.25 $\pm$ 0.03 ^b	0.54 $\pm$ 0.06
F/H	148.2	1.702	48.54	0.9894	46.32	2.192	53.46	9.353	51.66	2.553	41.67	0.8219
P	<0.001	0.6366	<0.001	0.4045	<0.001	0.5336	<0.001	0.0249	<0.001	0.4657	<0.001	0.4873

Data are reported as means and SD. Different letters indicate statistically significant differences ($P < 0.05$; ANOVA and Kruskal-Wallis test). F/H: statistical results of data comparison among multiple groups.

Table S2. Comparison of exponential apparent diffusion coefficient (EADC) values from b-value combinations (b=500, 1000/1500/2000 s/mm²), (b=1000, 1500/2000 s/mm²), and (b=1500, 2000 s/mm²) in each group (n=5).

Group	b=500, 1000 s/mm ²		b=500, 1500 s/mm ²		b=500, 2000 s/mm ²		b=1000, 1500s/mm ²		b=1000, 2000 s/mm ²		b=1500, 2000 s/mm ²	
	Model	Control	Model	Control	Model	Control	Model	Control	Model	Control	Model	Control
Day 9	0.5 $\pm$ 0.07 ^d	0.42 $\pm$ 0.04	0.39 $\pm$ 0.04 ^d	0.33 $\pm$ 0.03	0.34 $\pm$ 0.04 ^c	0.29 $\pm$ 0.03	0.39 $\pm$ 0.05 ^b	0.33 $\pm$ 0.04	0.36 $\pm$ 0.06 ^c	0.3 $\pm$ 0.03	0.37 $\pm$ 0.06 ^c	0.34 $\pm$ 0.03 ^c
Day 12	0.64 $\pm$ 0.07 ^c	0.43 $\pm$ 0.03	0.58 $\pm$ 0.07 ^c	0.35 $\pm$ 0.03	0.51 $\pm$ 0.04 ^b	0.31 $\pm$ 0.03	0.58 $\pm$ 0.16 ^a	0.35 $\pm$ 0.02	0.47 $\pm$ 0.11 ^{bc}	0.31 $\pm$ 0.04	0.43 $\pm$ 0.08 ^{bc}	0.35 $\pm$ 0.03
Day 15	0.72 $\pm$ 0.03 ^b	0.42 $\pm$ 0.03	0.65 $\pm$ 0.04 ^b	0.34 $\pm$ 0.03	0.54 $\pm$ 0.06 ^b	0.3 $\pm$ 0.02	0.65 $\pm$ 0.11 ^a	0.35 $\pm$ 0.02	0.54 $\pm$ 0.09 ^{ab}	0.32 $\pm$ 0.03	0.48 $\pm$ 0.07 ^{ab}	0.36 $\pm$ 0.03
Day 18	0.86 $\pm$ 0.06 ^a	0.43 $\pm$ 0.03	0.74 $\pm$ 0.08 ^a	0.35 $\pm$ 0.03	0.67 $\pm$ 0.12 ^a	0.29 $\pm$ 0.04	0.68 $\pm$ 0.11 ^a	0.34 $\pm$ 0.02	0.59 $\pm$ 0.1 ^a	0.3 $\pm$ 0.03	0.54 $\pm$ 0.08 ^a	0.33 $\pm$ 0.02
F/H	92.21	1.077	90.18	2.37	56.38	1.912	34.05	1.495	31.14	0.6393	25.48	5.29
P	<0.001	0.3662	<0.001	0.0802	<0.001	0.1381	<0.001	0.2307	<0.001	0.5929	<0.001	0.1517

Data are reported as means and SD. Different letters indicate statistically significant differences ($P < 0.05$; ANOVA and Kruskal-Wallis test). F/H: statistical results of data comparison among multiple groups.