

**The value of apparent diffusion coefficient values in predicting Gleason
grading of low to intermediate-risk prostate cancer**
ELECTRONIC SUPPLEMENTARY MATERIAL

Supplementary Table 1 Dispersion of lesions across different Gleason grading levels in various prostate zones

Group	Number	Ratio (%)	Age (years)
PZ	729	56.29	42~86
BL	192	26.34	45~85
PCa	537	73.66	42~85
GS 3+3	107	14.68	53~86
GS 3+4	276	37.86	42~85
GS 4+3	154	21.12	49~85
TZ	566	43.71	49~91
BL	313	55.30	49~91
PCa	253	44.70	49~86
GS 3+3	58	10.25	49~86
GS 3+4	152	26.85	52~85
GS 4+3	43	7.60	60~80

PZ, peripheral zone; TZ, transitional zone; BL, benign lesion; PCa, prostate cancer; GS, Gleason score.

Supplementary Table 2 Distribution of median ADC values across various groups within different prostate zones

Group	Number (%)	ADC _{min} (×10 ⁻³ mm ² /s, b = 800)	ADC _{mean} (×10 ⁻³ mm ² /s, b = 800)	Z value	P value
PZ BL	192 (26.34)	0.939 (0.822, 1.060)	1.114 (1.003, 1.221)	-9.098	< 0.001
PZ PCa	537 (73.66)	0.514 (0.383, 0.665)	0.803 (0.698, 0.891)	-20.760	< 0.001
TZ BL	313 (55.30)	0.837 (0.740, 0.925)	1.031 (0.958, 1.100)	-16.028	< 0.001
TZ PCa	253 (44.70)	0.494 (0.392, 0.606)	0.792 (0.721, 0.864)	-16.487	< 0.001

PZ, peripheral zone; TZ, transitional zone; BL, benign lesion; PCa, prostate cancer; ADC, apparent diffusion coefficient; ADC_{min}, minimum apparent diffusion coefficient; ADC_{mean}, mean apparent diffusion coefficient; GS, Gleason score.