

## Abdominal Radiology

### *Pretreatment MRI Parameters as Predictive Biomarkers for Hormonal Therapy Response in Adenomyosis: A Comprehensive Analysis*

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Supplementary table 3. Comparison of pretreatment signal intensity values and signal intensity ratios between GnRH-treated and DNG-treated groups.

Parameters		GnRH (n=32)	DNG (n=46)	P value	ICC value
T2WI intensity value	Reader 1	138 [63-1892]	151.5 [38-476]	0.251	0.98
	Reader 2	134 [57-1678]	152 [56-597]	0.161	
	Readers mean	134.8 [60-1785]	165.6 [50-332]	0.178	
T2WI SIR <sub>endo</sub>	Reader 1	0.42 [0.16-0.83]	0.40 [0.12-1.45]	0.793	0.694
	Reader 2	0.43 [0.23-0.74]	0.43 [0.20-2.09]	0.633	
T2WI SIR <sub>myo</sub>	Reader 1	0.67 [0.25-1.20]	0.63 [0.22-2.08]	0.196	0.63
	Reader 2	0.69 [0.26-1.18]	0.68 [0.36-1.77]	0.404	
T2WI SIR <sub>glu</sub>	Reader 1	1.10 [0.55-2.23]	1.15 [0.29-2.82]	0.884	0.56

	Reader 2	1.09 [0.54-2.20]	1.10 [0.28-2.66]	0.69	
DWI intensity value	Reader 1	28.5 [10-453]	28.5 [11-230]	0.374	0.98
	Reader 2	28.5 [9-479]	30.5 [11-225]	0.644	
	Readers mean	27.5 [9.5-466]	28.8 [11-228]	0.559	
DWI SIR <sub>endo</sub>	Reader 1	0.50 [0.26-1.52]	0.52 [0.18-0.78]	0.522	0.88
	Reader 2	0.55 [0.20-1.72]	0.56 [0.25-0.73]	0.865	
	Readers mean	0.52 [0.24-1.62]	0.55 [0.22-0.76]	0.691	
DWI SIR <sub>myo</sub>	Reader 1	1.04 [0.44-2.22]	1.02 [0.42-1.69]	0.673	0.704
	Reader 2	1.13 [0.45-2.16]	1.04 [0.55-1.61]	0.366	
DWI SIR <sub>glu</sub>	Reader 1	1.81 [1.00-3.61]	1.62 [0.94-2.81]	0.0282	0.739
	Reader 2	1.98 [1.05-3.72]	1.70 [0.89-3.11]	0.0402	
ADC value	Reader 1	0.94 [0.55-1.30]	0.96 [0.59-1.56]	0.233	0.90
	Reader 2	0.94 [0.64-1.37]	0.97 [0.65-1.62]	0.402	
	Readers mean	0.95 [0.60-1.33]	0.97 [0.62-1.59]	0.253	
ADC SIR <sub>endo</sub>	Reader 1	0.73 [0.38-1.03]	0.86 [0.37-1.61]	0.058	0.84
	Reader 2	0.84 [0.43-1.07]	0.84 [0.40-1.83]	0.213	
	Readers mean	0.75 [0.40-1.05]	0.87 [0.38-1.72]	0.0973	
ADC SIR <sub>myo</sub>	Reader 1	0.65 [0.49-1.01]	0.74 [0.47-1.27]	0.013	0.79
	Reader 2	0.71 [0.44-1.11]	0.75 [0.54-1.52]	0.041	
	Readers mean	0.67 [0.52-1.06]	0.74 [0.52-1.36]	0.0412	

ADC SIR <sub>glu</sub>	Reader 1	0.85 [0.55-2.18]	0.84 [0.50-3.32]	0.682	0.51
	Reader 2	0.82 [0.63-2.50]	0.87 [0.55-1.63]	0.868	

Quantitative parameters were analyzed using the Mann–Whitney U test. Interobserver agreement was evaluated using the intraclass correlation coefficient. ADC, apparent diffusion coefficient; DNG, dienogest; DWI, diffusion-weighted imaging; endo, endometrium; glu, gluteal muscle; GnRH, gonadotropin-releasing hormone; myo, myometrium; SIR, signal intensity ratio.