

**Supplementary Table 1. Results of Univariate Analysis of MRI Features for Overall Survival**

Characteristics	Pre-CRT MRI				Post-CRT MRI			
	Number	HR	95% CI	<i>P</i>	Number	HR	95% CI	<i>P</i>
<b>T category*</b>								
Good	75	0.942	0.491–1.808	0.858	166	1.552	0.884–2.727	0.126
Poor	246				155			
<b>N category</b>								
Negative	58	0.764	0.390–1.495	0.432	240	2.295	1.281–4.114	0.005
Positive	263				81			
<b>Extramesorectal LN</b>								
Negative	234	0.966	0.504–1.853	0.918	285	1.896	0.888–4.047	0.098
Positive	87				36			
<b>EMVI</b>								
Negative	279	1.522	0.713–3.249	0.278	294	3.314	1.547–7.101	0.002
Positive	42				27			
	Mean, SD	HR	95% CI	<i>P</i>	Mean, SD	HR	95% CI	<i>P</i>
EMD (mm)	4.74, 5.11	1.019	0.970–1.070	0.452	2.38, 3.39	1.082	1.015–1.153	0.016
MRF (mm)	5.66, 5.38	0.993	0.942–1.046	0.783	6.54, 5.93	1.021	0.975–1.070	0.380
<b>mrTRG</b>								
5-point grading						6.615	1.188–31.993	0.024
Binomial classification						2.172	1.205–3.913	0.010

\*Tumors are graded into two groups (good and poor responders) according to ypT category. ypT1, T2, T3a are classified as good responders and ypT3b, T3c, T3d, and T4 as poor responders. CI = confidence interval, CRT = chemoradiotherapy, EMD = extramural depth, EMVI = extramural venous invasion, HR = hazard ratio, LN = lymph node, MRF = mesorectal fascia, mrTRG = MRI-based tumor regression grading, SD = standard deviation