

Supplemental Tables for:
 The MIMIC study: Prognostic role and cut-off definition of Monocyte-to-lymphocyte ratio and LDH levels in Metastatic Colorectal cancer
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Table S1. Baseline characteristics in training and validation cohort

Variables	Training Set (N 264)	Validation Set (N 264)	P value
Age			
• ≤70	156	175	0.097
• >70	106	88	
Sex			
• Male	150	114	0.597
• Female	156	108	
Sidedness			
• Right	92	81	0.337
• Left	171	180	
Primary tumor resection			
• No	71	83	0.251
• Yes	193	181	
Number of metastatic sites			
• 1	142	148	0.463
• >1	98	89	
Metastatic sites			
• Liver	95	104	0.910
• Lung	47	51	
• Lymphnodes	34	37	
• Peritoneum	63	55	
• Bone	7	6	
• Brain	1	2	
KRAS			
• Wild Type	125	119	0.243
• Mutated	97	115	
BRAF			
• Wild Type	158	177	0.621
• Mutated	22	21	
NRAS			
• Wild Type	164	183	0.396
• Mutated	5	9	
ALL RAS			
• Wild Type	120	105	0.117
• Mutated	123	143	
LDH level			
• Under limits	143	134	0.597
• Over limits	55	58	
Number of events			
• Censored	78	69	0.382
• Uncensored	186	195	
Median number of treatment lines	2.10	2.11	0.503
Median MLR	0.41	0.392	0.362

Median OS	22.59 months	22.09 months	0.618
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Table S2. Univariate analysis-Training cohort

Univariate analysis			
Variables	HR	95% CI	P
Age • ≥ 70 vs. 70	1.53	1.14-2.05	0.004
Sex • Female vs Male	0.85	0.63-1.14	0.297
Sidness • Left vs Right	0.62	0.46-0.84	0.002
Surgery of primary tumor • Yes vs No	0.37	0.27-0.51	<0.001
Pattern of metastasis • Lung vs Liver • Lymph-nodes vs Liver • Peritoneum vs Liver	1.01 1.83 1.48	0.66-1.54 1.15-2.90 1.01-2.16	0.936 0.010 0.041
KRAS • Mutated vs WT	1.21	0.88-1.66	0.234
BRAF • Mutated vs WT	1.77	1.07-2.92	0.025
MLR Continuous variable	3.25	2.11-5.02	<0.001
MLR • ≥ 0.49 vs <0.49	2.44	1.79-3.34	<0.001
LDH • High vs low	2.10	1.47-2.98	<0.001
NLR • Continuous variable	1.01	1.01-1.02	<0.001
MLR and LDH combination • MLR or LDH high vs low • MLR and LDH high vs low	1.98 3.91	1.38-2.86 2.34-6.53	<0.001 <0.001

**Bold values are statistically significant*