Tumor Proportion in Colon Cancer – Results from a Semiautomatic Image Analysis Approach.

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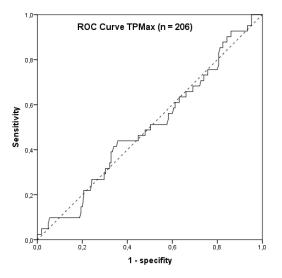
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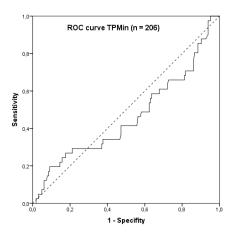
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Supplement

S1 ROC Curve TPMax according to the occurrence of distant metastasis.



S2 ROC Curve TPMin according to the occurrence of distant metastasis.



S3 Comparison of exploration and validation set.

Validation							P-	
		All		Exploration Set		Set		value
Variable		n = 206		n = 104		n = 102		
Mean Age (yea	ars)	70.0 ± 11.3		70.3 ± 11.8		69.9 ± 10.9		0.506
Mean Follow-u	ıp (years)	5.3 ± 3.5		5.1 ± 3.3		5.5 ± 3.7		0.728
Mean FroTP		35.9 ± 17.9		35.7 ± 17.4		36.2 ± 18.7		0.953
Mean MinTP		32.3 ± 15.9		32.7 ± 15.4		32.0 ± 16.6		0.567
Mean MaxTP		71.0 ± 13.1		70.7 ± 12.5		71.4 ± 13.9		0.451
Lymphnode Ha	()	23.3 ± 13.2		23.4 ± 12.7		23.3 ± 13.8		0.829
Positive Lympl	nnodes (n)	1.2 ± 2.3		1.2 ± 2.6		1.1 ± 1.9		0.919
Sex								0.494
	female	88	43%	42	40%	46	45%	
	male	118	57%	62	60%	56	55%	
T status								0.372
	Т3	180	87%	93	89%	87	85%	
	T4	26	13%	11	11%	15	15%	
Nodal Status								0.858
	negative	128	62%	64	62%	64	63%	
	positive	78	38%	40	39%	38	37%	
Blood Vessel I		100			.		a- a <i>i</i>	0.145
	negative	186	90%	97	93%	89	87%	
1	positive	20	10%	7	7%	13	13%	0 505
Lymphovascul			000/		050/		0404	0.535
	negative	171	83%	88	85%	83	81%	
	positive	35	17%	16	15%	19	19%	0.4.40
Grading		4.4.4	<u> </u>	76	73%	05	C 40/	0.149
	low grade	141	68%			65	64%	
Tumor Duddin	high grade	65	32%	28	27%	37	36%	0.301
Tumor Budding	y Bd 1	168	82%	88	84%	80	78%	0.301
	Bd 2	25	82% 12%	00 9	84% 9%	80 16	78% 16%	
	Bd 2 Bd 3	25 13	12% 6%	9 7	9% 7%	6	16% 6%	
Location	BU 3	15	0%	Ι	170	0	0%	0.266
LUCATION	right-sided	127	62%	68	65%	59	58%	0.200
	left-sided	79	38%	36	35%		58% 42%	
	ieit-siueu	19	30%	30	33%	40	4270	

Supplement, table 4. Comparison of exploration and validation set

MSI								0.104
	MSS	180	87%	87	84%	93	91%	
	MSI	26	13%	17	16%	9	9%	
Distant Meta	istasis							0.047
	no	165	80%	89	86%	76	75%	
	yes	41	20%	15	14%	26	26%	
Death								0.758
	no	121	59%	60	58%	61	60%	
	death	85	41%	44	42%	41	40%	
Five Year Su	urvival			n = 84		n = 76		0.728
(n = 160)	survived	97	61%	52	62%	45	59%	
	death	63	39%	32	38%	31	41%	