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

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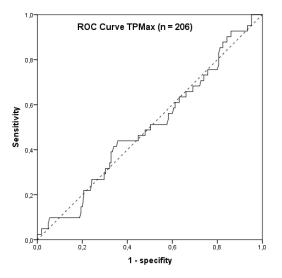
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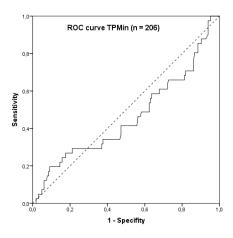
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## Supplement

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)	$5.3 \pm 3.5$		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)	$1.2 \pm 2.3$		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			<b>.</b>		<b>a-</b> 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%	