

Additional Table 3 Univariate prognostic analysis stratified by ypTNM stage

	ypStage I		ypStage II		ypStage III	
	5-YSR(%)	<i>P</i>	5-YSR(%)	<i>P</i>	5-YSR(%)	<i>P</i>
Gender		0.966		0.905		0.733
Male	90		82		57	
Female	91		81		59	
Age at diagnosis, years		0.096		0.864		0.679
66-70	94		82		60	
71-75	91		83		58	
76-80	84		80		58	
>80	94		79		56	
Race		0.355		0.572		0.655
White	91		82		58	
Black	81		81		48	
Asian	88		82		66	
Other	100		73		60	
Residence location		0.703		0.133		0.027
Big Metro	89		84		58	
Metro or Urban	91		78		53	
Less Urban or Rural	94		83		77	
Marital status		0.713		0.227		0.928
Single	86		76		58	
Married	92		83		59	
Widow/divorce	88		78		57	
Other	90		100		49	
Median household income		0.525		0.363		0.129
1st quartile	91		83		65	
2nd quartile	88		78		57	
3rd quartile	95		78		48	
4th quartile	88		85		63	
Unknown	100		100		100	
Less than 12 years education		0.915		0.503		0.320
1st quartile	90		85		64	
2nd quartile	92		80		48	
3rd quartile	92		83		56	
4th quartile	89		78		64	
Unknown	100		100		100	
Year of diagnosis		0.203		0.081		0.069
1992-1996	100		70		50	
1997-2000	97		78		50	
2001-2004	88		80		57	
2005-2008	91		85		63	
Histologic type		0.212		<0.001		0.029

Adenocarcinoma	90	84	61	
Mucinous carcinoma	100	67	50	
Signet-ring cell carcinoma	N/A	0	31	
Histologic grade		0.454	0.539	0.001
Well	97	81	69	
Moderate	90	81	61	
Poor	85	77	44	
Undifferentiated	N/A	100	33	
Unknown	95	87	69	
ypT category		0.689	0.001	0.005
ypT1	91	N/A	64	
ypT2	90	N/A	69	
ypT3	N/A	83	58	
ypT4a	N/A	81	67	
ypT4b	N/A	61	29	
ypN category		N/A	N/A	<0.001
ypN0	91	82	N/A	
ypN1a	N/A	N/A	65	
ypN1b	N/A	N/A	60	
ypN2a	N/A	N/A	57	
ypN2b	N/A	N/A	34	
Intestinal obstruction		0.360	0.115	0.379
No	91	82	59	
Yes	84	76	51	
Intestinal perforation		N/A	0.134	N/A
No	91	82	58	
Yes	N/A	50	N/A	
Postoperative radiotherapy		0.262	0.004	0.559
No	90	84	59	
Yes	95	68	54	
HCC risk score		0.447	0.417	0.344
1st quartile	94	84	59	
2nd quartile	90	83	66	
3rd quartile	91	82	55	
4th quartile	88	77	54	
Number of examined lymph node		0.549	0.100	0.533
≥12	92	85	54	
<12	90	80	60	

Abbreviation: N/A, Not Available; HCC, Hierarchical Condition Categories; 5-YSR, Five years survival rate.