

Supplemental table 1. Univariate analyses of cancer-specific survival among patients with clear cell RCC in the training set, test set, and all patients.

Characteristic	Training set (n=181)			Test set (n=248)			All patients (n=429)		
	P	HR	95% CI	P	HR	95% CI	P	HR	95% CI
Age, yrs									
≤ 59		1.00			1.00			1.00	
60-69	0.289	1.31	0.79 - 2.17	0.049	1.48	1.00 - 2.44	0.033	1.48	1.03 - 2.12
Sex									
Female		1.00			1.00			1.00	
Male	0.096	1.47	0.91 - 3.07	0.342	0.77	0.46 - 1.31	0.564	1.12	0.76 - 1.66
Symptom									
Neg		1.00			1.00			1.00	
Pos	<0.001	8.36	4.43 - 15.78	<0.001	11.20	5.52 - 22.74	<0.001	9.72	6.07 - 15.58
Tumor size, cm									
≤ 4.5		1.00			1.00			1.00	
4.6-9.4	0.001	4.39	1.85 - 10.38	<0.001	5.57	2.66 - 11.68	<0.001	4.95	2.83 - 8.65
≥ 9.5	<0.001	14.30	5.71 - 35.86	<0.001	12.18	5.57 - 26.62	<0.001	13.36	7.38 - 24.19
UICC stage									
I-II		1.00			1.00			1.00	
III	0.034	2.81	1.08 - 7.30	<0.001	6.44	2.82 - 14.73	<0.001	4.24	2.28 - 7.90
IV	<0.001	40.97	18.04 - 93.03	<0.001	22.33	10.74 - 46.41	<0.001	28.79	16.82 - 49.28
Tumor grade									
G1		1.00			1.00			1.00	
G2	0.069	2.47	0.93 - 6.51	0.023	5.46	1.26 - 23.66	0.003	3.35	1.50 - 7.49
G3+4	<0.001	11.58	4.51 - 29.73	<0.001	26.21	6.34 - 108.36	<0.001	15.77	7.26 - 34.25
Vascular invasion									
Neg+x		1.00			1.00			1.00	
Pos	<0.001	5.69	3.29 - 9.85	<0.001	6.81	3.85 - 12.04	<0.001	6.28	4.23 - 9.32
VCAM1									
High		1.00			1.00			1.00	
Low	<0.001	3.85	2.33 - 6.36	<0.001	3.18	1.91 - 5.28	<0.001	3.54	2.47 - 5.05