

Figure S1. Kaplan-Meier curves evaluating conventional IMDC risk factors for survival in mRCC patients of our cohort.

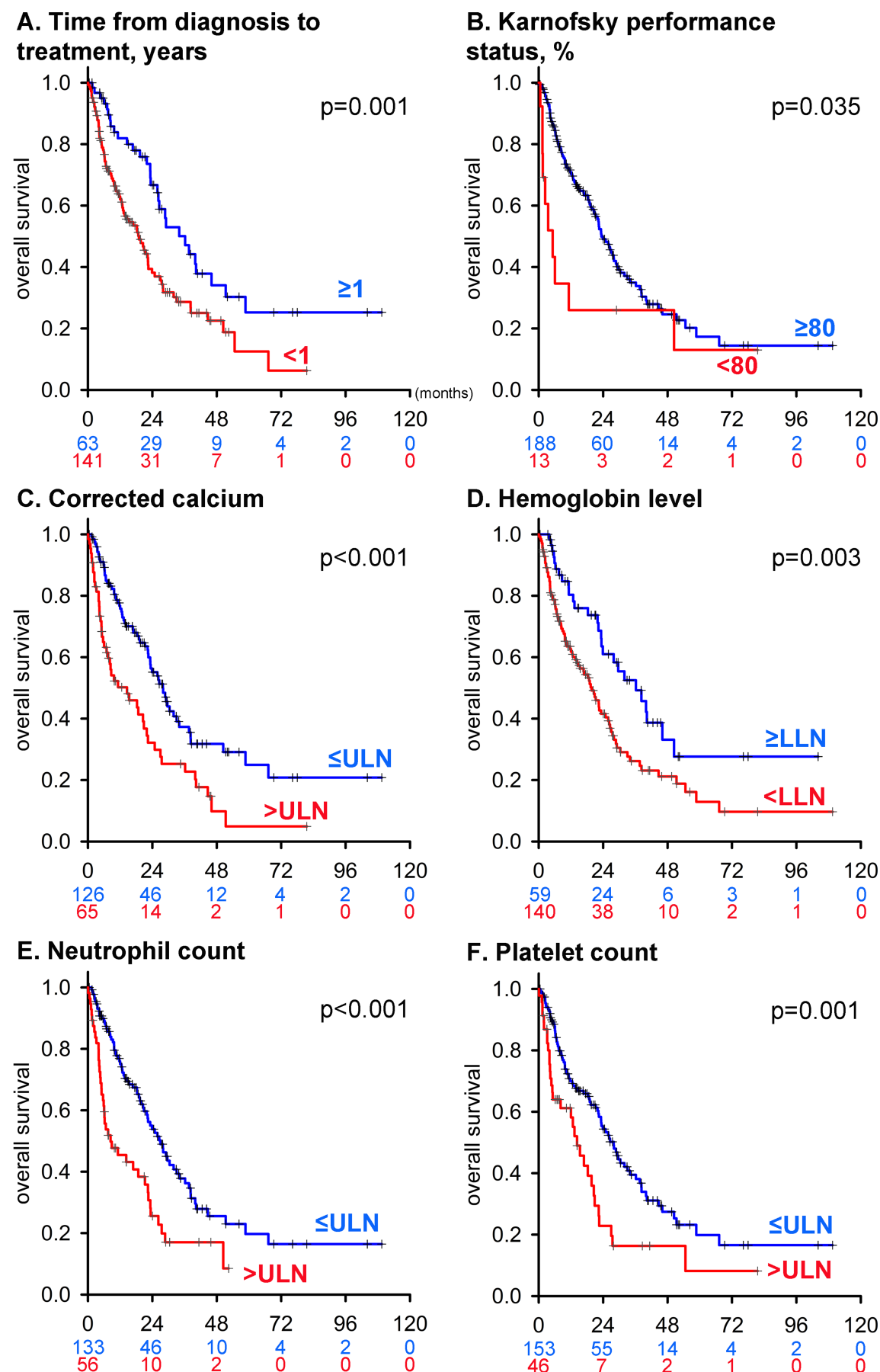


Table S1. Identification of predictive factors of overall survival in metastatic renal cell carcinoma patients with eTS data (n=127).

Variables	Univariate			Multivariate																	
				eTS -0.2			eTS -0.15			eTS -0.1			eTS -0.05			eTS 0.0			eTS 0.05		
	H R	95% CI	P-value	H R	95% CI	P-value	H R	95% CI	P-value	H R	95% CI	P-value	H R	95% CI	P-value	H R	95% CI	P-value	H R	95% CI	P-value
eTS																					
>-0.2 vs. ≤-0.2	1.88	1.03-3.44	0.039	1.73	0.89-3.34	0.106	NA			NA			NA			NA			NA		
>-0.15 vs. ≤-0.15	1.91	1.13-3.20	0.015	NA			1.86	1.08-3.21	0.026	NA			NA			NA			NA		
>-0.1 vs. ≤-0.1	1.69	1.07-2.65	0.023	NA			NA			1.46	0.90-2.37	0.124	NA			NA			NA		
>-0.05 vs. ≤-0.05	1.71	1.10-2.65	0.017	NA			NA			NA			1.36	0.83-2.22	0.219	NA			NA		
>0.0 vs. ≤0.0	2.00	1.29-3.11	0.002	NA			NA			NA			NA			1.81	1.11-2.96	0.017	NA		
>0.05 vs. ≤0.05	1.86	1.15-3.00	0.012	NA			NA			NA			NA			NA			1.93	1.15-3.24	0.013
Age, <67 vs. ≥67 years	n.a.			n.a.			n.a.			n.a.			n.a.			n.a.			n.a.		
Gender, female vs. male	n.a.			n.a.			n.a.			n.a.			n.a.			n.a.			n.a.		
Nephrectomy, no vs. yes	1.68	1.06-2.65	0.026	1.29	0.78-2.13	0.325	1.23	0.74-2.04	0.430	1.31	0.79-2.18	0.298	1.33	0.80-2.22	0.266	1.46	0.87-2.45	0.148	1.47	0.88-2.45	0.138
IMDC classification, non-poor vs. poor	n.a.			n.a.			n.a.			n.a.			n.a.			n.a.			n.a.		
Metastatic sites																					
Liver, yes vs. no	3.36	1.88-6.01	<0.001	3.46	1.89-6.31	<0.001	3.38	1.85-6.16	<0.001	3.17	1.73-5.78	<0.001	3.08	1.67-5.69	<0.001	3.11	1.71-5.67	<0.001	3.46	1.90-6.29	<0.001
Bone, yes vs. no	1.62	1.02-2.56	0.041	1.53	0.94-2.50	0.089	1.62	1.00-2.62	0.050	1.58	0.97-2.58	0.068	1.56	0.94-2.58	0.088	1.42	0.86-2.37	0.175	1.51	0.92-2.47	0.102
Lymph nodes, yes vs. no	2.10	1.37-3.36	0.001	1.76	1.07-2.89	0.026	1.82	1.11-2.99	0.018	1.79	1.09-2.94	0.022	1.78	1.08-2.93	0.024	1.70	1.03-2.80	0.037	1.84	1.13-2.99	0.015
Brain, yes vs. no	n.a.			n.a.			n.a.			n.a.			n.a.			n.a.			n.a.		
Lung, yes vs. no	n.a.			n.a.			n.a.			n.a.			n.a.			n.a.			n.a.		
Pancreas, yes vs. no	n.a.			n.a.			n.a.			n.a.			n.a.			n.a.			n.a.		
Others, yes vs. no	n.a.			n.a.			n.a.			n.a.			n.a.			n.a.			n.a.		

Five cases with unknown data were excluded from Cox's regression analysis. eTS, early tumor shrinkage; HR, hazard ratio; CI, confidence interval; n.a., not analyzed due to non-proportional hazard assumptions; NA, not available.