

Table SI. Univariate and multivariate analyses of factors contributing to the overall survival of patients with clear cell renal cell carcinoma based on TCGA.

Characteristic	Total	Univariate analysis		Multivariate analysis	
		Hazard ratio (95% CI)	P-value	Hazard ratio (95% CI)	P-value
Sex	539				
Female	186	Reference			
Male	353	0.930 (0.682-1.268)	0.648		
Age, years	539				
≤60	269	Reference			
>60	270	1.765 (1.298-2.398)	<0.001 ^a	1.750 (1.282-2.389)	<0.001 ^a
Histological grade	531				
G1 and G2	249	Reference			
G3	207	1.971 (1.355-2.866)	<0.001 ^a	1.477 (0.993-2.196)	0.054
G4	75	5.315 (3.573-7.905)	<0.001 ^a	2.185 (1.309-3.646)	0.003 ^a
Pathological stage	536				
Stage I	272	Reference			
Stage II	59	1.207 (0.650-2.241)	0.551	1.081 (0.573-2.039)	0.810
Stage III	123	2.705 (1.800-4.064)	<0.001 ^a	1.865 (1.202-2.892)	0.005 ^a
Stage IV	82	6.692 (4.566-9.808)	<0.001 ^a	4.404 (2.814-6.894)	<0.001 ^a
GSDMA	539	0.972 (0.675-1.398)	0.877		

GSDMB	539	1.977 (1.613-2.423)	<0.001 ^a	1.698 (1.249-2.307)	<0.001 ^a
GSDMC	539	0.926 (0.532-1.611)	0.785		
GSDMD	539	1.523 (1.154-2.010)	0.003 ^a	0.901 (0.635-1.278)	0.560
GSDME	539	1.532 (1.225-1.916)	<0.001 ^a	0.984 (0.754-1.284)	0.905
PJVK	539	2.317 (1.624-3.305)	<0.001 ^a	1.190 (0.700-2.023)	0.520

^aP<0.05.CI, confidence interval; GSDM, gasdermin, TCGA,The Cancer Genome Atlas