Supplementary Table 1

Cox regression analyses predicting survival outcomes by tumor location (Adjusting age, gender, multifocality, necrosis, LVI, grade, stage, architecture, CIS, and AC)

	Ureter tumor					
	CSS		OS		RFS	
	Multivariable		Multivariable		Multivariable	
	HR (95% CI)	*P*	HR (95% CI)	*P*	HR (95% CI)	*P*
SII	1.44 (1.08-1.91)	**0.01**	1.29 (1.03-1.63)	**0.03**	1.37 (1.06-1.78)	**0.02**
C index with SII	0.78		0.73		0.76	
C index without SII	0.77		0.73		0.76	
	Renal tumor					
	CSS		OS		RFS	
	Multivariable		Multivariable		Multivariable	
	HR (95% CI)	*P*	HR (95% CI)	*P*	HR (95% CI)	*P*
SII	1.12 (0.90-1.39)	0.31	1.13 (0.96-1.35)	0.15	1.10 (0.90-1.33)	0.36

Bold *P* values are considered statistically significant (*P* value <.05).

Abbreviations: CI = confidence interval; CIS = carcinoma in situ; CSS = cancer-specific survival; HR = hazard ratio; LVI = lymphovascular invasion; OS = overall survival; RFS = recurrence-free survival; SII = systemic immune-inflammation index