

Supplementary table 2. Univariable and multivariable analyses by forward stepwise selection of clinicopathological features for the prediction of CSS and OS in a subset of 74 patients with UTUC

	Cancer-specific survival				Overall survival			
	Univariable		Multivariable*		Univariable		Multivariable*	
	HR (95% CI)	p value	HR (95% CI)	p value	HR (95% CI)	p value	HR (95% CI)	p value
Age (year)								
> 65 vs. ≤ 65	1.75 (0.68–4.51)	0.249			2.56 (1.25–5.25)	0.01	2.56 (1.25–5.25)	0.01
PD-L1 expression								
CPS ≥ 10 vs. < 10	1.98 (0.77–5.13)	0.159			0.97 (0.45–2.12)	0.947		
T stage		0.014				0.30		
Ta/is	Referent				Referent			
T1	0.84 (0.12–6.04)	0.864			0.74 (0.24–2.33)	0.611		
T2	1.47 (0.24–8.91)	0.676			1.43 (0.51–3.98)	0.499		
T3	2.70 (0.58–12.6)	0.208			1.58 (0.62–4.05)	0.338		
T4	8.21 (1.62–41.5)	0.011			2.38 (0.76–7.47)	0.136		
Lymph node status								
N1/N2 vs. N0/Nx	5.73 (2.36–13.9)	< 0.001	6.92 (2.76–17.4)	< 0.001	2.32 (1.12–4.79)	0.023		
Adjuvant chemotherapy								
Yes vs. No	3.45 (1.25–9.53)	0.017			1.70 (0.66–4.39)	0.27		
Palliative chemotherapy								
Yes vs. No	2.92 (1.07–7.98)	0.037	4.06 (1.42–11.6)	0.009	1.27 (0.50–3.22)	0.622		
Palliative immunotherapy								
Yes vs. No	3.97 (1.08–14.5)	0.037			1.69 (0.51–5.68)	0.393		

* Variables significant on univariable analysis were included to perform multivariable analysis by forward stepwise selection.