

Supplementary Table 2. Univariate Cox regression analysis for overall survival, cancer-specific survival, and progression-free survival after bladder-preserving therapy or radical cystectomy

Variable	Overall survival		Cancer-specific survival		Progression-free survival	
	Hazard ratio	p-value	Hazard ratio	p-value	Hazard ratio	p-value
Treatment						
BPT	Reference		Reference		Reference	
RC	0.91	0.812	0.46	0.229	0.67	0.211
Age	1.04	0.137	0.99	0.788	1.01	0.755
Sex						
Female	Reference		Reference		Reference	
Male	0.32	0.007	0.48	0.309	0.28	<0.001
eGFR	0.99	0.384	1.02	0.384	0.99	0.099
T stage						
2	Reference		Reference		Reference	
3	2.12	0.099	3.39	0.145	2.19	0.024
4	4.90	0.004	16.24	0.001	4.47	0.001
N stage						
0	Reference		Reference		Reference	
1	4.22	0.177	12.90	0.037	2.23	0.276
2	4.35	0.058	NA	NA	8.51	<0.001
3	9.72	0.001	11.68	0.045	4.15	0.021
UTUC T stage						
1	Reference		Reference		Reference	
2	1.60	0.400	4.14	0.219	2.48	0.036
3	2.24	0.105	6.35	0.088	2.08	0.073
UTUC N stage						
0	Reference		Reference		Reference	
1	NA	NA	NA	NA	7.06	0.063
2	1.40	0.743	NA	NA	0.62	0.634
3	4.53	0.148	NA	NA	4.48	0.148
UTUC location						
Ureter	Reference		Reference		Reference	
Renal pelvis	0.85	0.738	0.75	0.686	1.04	0.930
Both	0.79	0.679	0.29	0.286	0.81	0.646

BPT, bladder-preserving therapy; RC, radical cystectomy; eGFR, estimated glomerular filtration rate; UTUC, upper tract urothelial carcinoma; NA, not available.