

Characteristics	Univariate analysis		Multivariate analysis	
	HR (95%CI)	P value	HR (95%CI)	P value
<b>Age,years</b>				
<50	Reference		Reference	
50-59	1.656 (0.795-3.449)	0.259	0.959 (0.445-2.065)	0.928
60-69	1.442 (0.717-2.898)	0.388	0.758 (0.364-1.576)	0.533
70-79	1.753 (0.874-3.517)	0.185	0.990 (0.480-2.045)	0.983
≥80	2.437 (1.212-4.899)	0.036	1.183 (0.567-2.470)	0.707
<b>Sex</b>				
Female	Reference			
Male	0.995 (0.790-1.253)	0.971		
<b>Race</b>				
Black	Reference		Reference	
White	0.661 (0.451-0.970)	0.076	0.995 (0.655-1.512)	0.985
Other	0.286 (0.144-0.570)	0.003	0.334 (0.161-0.696)	0.014
<b>Marital status</b>				
No	Reference		Reference	
Yes	0.734 (0.599-0.900)	0.012	0.890 (0.715-1.109)	0.384
<b>Stage</b>				
I	Reference		Reference	
II	1.647 (1.065-2.547)	0.060	1.713 (0.886-3.311)	0.179
III	2.178 (1.350-3.516)	0.007	2.261 (1.104-4.632)	0.061
IV	3.716 (2.421-5.703)	<0.001	1.875 (0.884-3.979)	0.169
<b>T</b>				
T1	Reference		Reference	
T2	1.331 (0.968-1.831)	0.140	1.175 (0.715-1.933)	0.593
T3	1.590 (1.110-2.278)	0.034	1.611 (0.910-2.853)	0.170
T4	2.519 (1.703-3.725)	<0.001	2.001 (1.161-3.451)	0.036
<b>N</b>				
N0	Reference		Reference	
N1	1.708 (1.188-2.456)	0.015	2.121 (1.279-3.517)	0.015
N2	1.812 (1.398-2.347)	<0.001	1.612 (1.095-2.37)	0.042
<b>M</b>				
M0	Reference		Reference	
M1	2.901 (2.298-3.662)	<0.001	3.272 (2.196-4.875)	<0.001
<b>Surgery</b>				
Cystectomy	Reference		Reference	
No	2.183 (1.221-3.902)	0.027	3.044 (1.631-5.681)	0.003
TURB	1.501 (1.190-1.894)	0.004	1.822 (1.367-2.428)	<0.001
Other	1.187 (0.845-1.668)	0.408	1.380 (0.948-2.008)	0.158
<b>Radiation</b>				
None/Unknown	Reference			
Yes	0.813 (0.653-1.013)	0.121		
<b>Chemotherapy</b>				

No/Unknown	Reference		Reference	
Yes	0.542 (0.438-0.671)	<0.001	0.389 (0.304-0.499)	<0.001
<b>Tumor size,mm</b>				
≤30	Reference		Reference	
31-51	1.201 (0.941-1.532)	0.217	0.945 (0.732-1.219)	0.715
≥52	1.476 (1.138-1.913)	0.014	0.948 (0.720-1.248)	0.748