

Arthuso F, et al. Associations between body mass index and bladder cancer survival: Is the obesity paradox short-lived?

APPENDIX

Supplementary Table 1. Multivariate Cox Proportional HRs and 95% CIs for the association of body mass index with 90-day mortality, bladder cancer-specific mortality, and all-cause mortality		
Covariates	HR (95% CI)	p
90-day mortality		
Body mass index		
Overweight vs. normal	0.09 (0.02–0.38)	0.001
Obese vs. normal	0.63 (0.29–1.39)	0.25
Age (continuous)	1.00 (0.96–1.04)	0.93
Sex (male vs. female)	1.01 (0.44–2.30)	0.98
Cancer subtype (urothelial vs. non-urothelial)	0.68 (0.23–2.03)	0.49
Lymphovascular invasion (yes vs. no)	1.47 (0.68–3.20)	0.33
Tumor grade (high-grade vs. low-grade)	0.97 (0.29–3.30)	0.97
Pathologic T stage (\geq T2 vs. <T2)	2.13 (0.76–5.96)	0.15
Pathologic N stage (yes vs. no)	0.55 (0.18–1.68)	0.30
Adjuvant chemotherapy (no vs. yes)	6.24 (0.80–48.36)	0.08
Bladder cancer-specific mortality		
Body mass index		
Overweight vs. normal	0.79 (0.57–1.10)	0.16
Obese vs. normal	0.76 (0.52–1.09)	0.13
Age (continuous)	1.01 (1.00–1.03)	0.10
Sex (male vs female)	0.92 (0.65–1.28)	0.61
Cancer subtype (urothelial vs. non-urothelial)	0.92 (0.57–1.47)	0.73
Lymphovascular invasion (yes vs. no)	1.53 (1.12–2.08)	0.007
Tumor grade (high-grade vs. low-grade)	0.72 (0.46–1.13)	0.15
Pathologic T stage (\geq T2 vs. <T2)	3.07 (1.97–4.08)	<0.001
Pathologic N stage (yes vs. no)	1.93 (1.36–2.74)	<0.001
Adjuvant chemotherapy (no vs. yes)	1.42 (0.95–2.10)	0.08
All-cause mortality		
Body mass index		
Overweight vs. normal	0.84 (0.65–1.09)	0.18
Obese vs. normal	1.00 (0.77–1.31)	1.00
Age (continuous)	1.03 (1.01–1.04)	<0.001
Sex (male vs. female)	1.02 (0.79–1.32)	0.89
Cancer subtype (urothelial vs. non-urothelial)	0.96 (0.67–1.36)	0.80
Lymphovascular invasion (yes vs. no)	1.41 (1.10–1.79)	0.006
Tumor grade (high-grade vs. low-grade)	0.74 (0.54–1.04)	0.08
Pathologic T stage (\geq T2 vs. <T2)	1.71 (1.32–2.23)	<0.001
Pathologic N stage (yes vs. no)	1.37 (1.03–1.83)	0.031
Adjuvant chemotherapy (no vs. yes)	1.30 (0.95–1.79)	0.10

CI: confidence interval; HR: hazard ratio.