

S2 Table. Risk factors of AKI after cancer diagnosis

Variable	Univariate		Multivariate	
	OR (95% CI)	p-value	OR (95% CI)	p-value
Age (yr)	1.02 (1.012-1.026)	< 0.001	1.02 (1.007-1.024)	<0.001
Female (%)	0.57 (0.487-0.664)	< 0.001	0.71 (0.585-0.854)	<0.001
BMI		0.471		-
Normal weight	1 (reference)		-	
Underweight	1.22 (0.835-1.780)	0.304	-	-
Overweight	0.92 (0.783-1.082)	0.316	-	-
Obesity	1.10 (0.673-1.796)	0.705	-	-
SBP (/10mmHg)	1.05 (1.008-1.098)	0.019	1.05 (1.003-1.104)	0.038
DBP (mmHg)	1.00 (0.993-1.006)	0.836	-	-
Diabetes mellitus	1.79 (1.462-2.194)	< 0.001	1.53 (1.220-1.924)	< 0.001
Smoking history	1.26 (1.089-1.464)	0.002	-	-
Initial eGFR < 60 (mL/min/1.73 m ²)	2.28 (1.817-2.868)	< 0.001	2.03 (1.557-2.655)	< 0.001
Anemia	1.77 (1.527-2.060)	< 0.001	1.38 (1.145-1.660)	0.001
Albumin	0.49 (0.419-0.570)	< 0.001	0.65 (0.533-0.783)	< 0.001
Hyponatremia	1.51 (1.200-1.901)	< 0.001	-	-
CT count/yr	1.09 (1.072-1.115)	< 0.001	1.10 (1.071-1.126)	< 0.001
Pathology (%)		< 0.001		-
Adenocarcinoma	1 (reference)		1 (reference)	
Squamous cell carcinoma	1.65 (1.386-1.957)	< 0.001	1.29 (1.047-1.590)	0.017
Small cell carcinoma	2.04 (1.615-2.584)	< 0.001	1.57 (1.188-2.067)	0.001
Others	1.01 (0.793-1.286)	0.936	0.94 (0.715-1.245)	0.681
SEER stage (%)		< 0.001		-
0, 1 (localized or in situ)	1 (reference)		-	
2, 3, 4, 5 (regional)	1.51 (1.252-1.825)	< 0.001	-	-
7 (distant)	1.60 (1.309-1.948)	< 0.001	-	-
9 (unknown)	1.28 (0.999-1.627)	0.051	-	-
Treatment (%)		<0.001		-
Surgery/Chemotherapy				

Yes/No	1 (reference)		1 (reference)	
Yes/Yes	2.15 (1.757-2.627)	< 0.001	17.03 (10.931-26.519)	< 0.001
No/Yes	2.26 (1.884-2.717)	< 0.001	15.57 (9.763-24.827)	< 0.001
No/No	0.69 (0.517-0.910)	0.009	0.37 (0.272-0.510)	< 0.001

AKI, acute kidney injury; BMI, body mass index; CI, confidence interval; CKD, chronic kidney disease; CT, computed tomography; DBP, diastolic blood pressure; eGFR, estimated glomerular filtration rate; ESKD, end-stage kidney disease; OR, odds ratio; SBP, systolic blood pressure; SEER, Surveillance, Epidemiology, and End Results.