Supplemental Tables

Supplemental Table S1. Univariate-multivariate analysis.

Characteristic	N	Univariate OR[1]	Univariate 95% CI[1]	Univariate p-value	Multivariable OR[1]	Multivariable 95% CI[1]	Multivariable p-value
Age	152	1.05	1.03, 1.07	<0.001	1.04	1.02, 1.07	**0.002**
Gender	152						
Female		—	—		—	—	
Male		1.93	0.73, 6.11	0.2	2.82	0.80, 12.3	0.13
BMI	152	1.08	0.99, 1.17	0.078			
SBP	152	0.99	0.98, 1.00	0.13			
FC	152	1.00	0.98, 1.01	0.8			
Shock Index	152	1.55	0.50, 4.71	0.4	2.40	0.57, 9.41	0.2
ISS	151	0.98	0.95, 1.02	0.4	0.97	0.92, 1.02	0.3
GCS	152	1.02	0.94, 1.12	0.6			
Type of injury	152						
Blunt		—	—		—	—	
Penetrating		1.79	0.50, 5.92	0.3			
Injury Meccanism	152						
Bicycle hit		—	—		—	—	
Fall <6 m		1.70	0.45, 7.29	0.4			
Fall >6 m		2.83	0.30, 23.8	0.3			
Machinery		1.42	0.06, 15.1	0.8			
Motor vehicle traffic accident		2.13	0.55, 9.27	0.3			
Motorcycle		2.02	0.57, 8.44	0.3			
Other		1.59	0.38, 7.24	0.5			
Pedestrian		2.32	0.54, 10.9	0.3			
Type 2 diabetes	152	1.90	0.59, 5.83	0.3			
Hypertension	152	4.43	2.07, 9.66	<0.001			

Characteristic	Univariate				Multivariable		
	N	OR[1]	95% CI[1]	p-value	OR[1]	95% CI[1]	p-value
Anti-platelet and Anti-coagulation Therapy	152	5.28	2.29, 12.6	<0.001			
Previous cardiac disease	152	6.12	2.20, 18.8	<0.001	3.75	1.05, 15.0	**0.048**
Previous renal disease	152	4.93	0.46, 108	0.2			
[TIMP-2] × [IGFBP7] Admission*	132	1.43	0.99, 2.09	0.055	1.53	0.99, 2.40	0.055

[1]OR = Odds Ratio, CI = Confidence Interval.* For every unit increase in AKIrisk score.

Supplemental Table S2: Renal Outcomes according to **[TIMP-2] × [IGFBP7] values at admission**

Characteristic	Entire Cohort= 153[1]	[TIMP-2] × [IGFBP7] Admission <=0.03, N = 50[1]	[TIMP-2] × [IGFBP7] Admission > 0.3 AKI, N = 82[1]	p-value[2]
sCr Admission	0.84 (0.70, 1.01)	0.82 (0.70, 0.99)	0.87 (0.71, 1.08)	0.3
sCr 24hrs	0.82 (0.70, 0.99)	0.80 (0.72, 0.95)	0.86 (0.70, 1.05)	0.2
sCr 48hrs	0.81 (0.68, 1.07)	0.78 (0.68, 0.92)	0.84 (0.72, 1.09)	0.3
sCr 72hrs	0.75 (0.64, 0.92)	0.74 (0.64, 0.85)	0.74 (0.66, 0.92)	0.8
Myoglobin Admission	974 (458, 1,888)	964 (411, 2,888)	979 (518, 1,664)	0.8
Myoglobin 24hrs	1,354 (630, 2,705)	1,449 (662, 2,856)	1,362 (643, 2,741)	0.8
Myoglobin 48hrs	697 (258, 1,595)	774 (372, 1,076)	710 (211, 2,728)	0.7
Myoglobin 72hrs	835 (442, 2,236)	665 (442, 1,680)	893 (371, 1,366)	>0.9
Glucose Admission	150 (128, 179)	158 (131, 189)	148 (128, 177)	0.4

Characteristic	Entire Cohort= 153[1]	[TIMP-2] × [IGFBP7] Admission <=0.03, N = 50[1]	[TIMP-2] × [IGFBP7] Admission > 0.3 AKI, N = 82[1]	p-value[2]
Glucose 24hrs	135 (118, 160)	143 (115, 167)	135 (121, 161)	0.7
Glucose 48hrs	129 (114, 152)	130 (114, 149)	129 (118, 153)	0.8
Glucose 72hrs	129 (113, 150)	137 (114, 156)	127 (116, 146)	0.4
PCT Admission	0.27 (0.07, 1.15)	0.14 (0.06, 0.54)	0.34 (0.11, 0.94)	0.5
PCT 24hrs	0.87 (0.32, 3.05)	1.65 (0.14, 5.10)	0.62 (0.33, 2.81)	0.5
PCT 48hrs	0.9 (0.5, 3.9)	1.3 (0.8, 3.9)	1.6 (0.3, 4.6)	0.7
PCT 72hrs	0.7 (0.3, 2.1)	1.3 (0.8, 2.8)	0.4 (0.3, 2.1)	0.063
FB 24hrs	1,430 (457, 2,636)	1,441 (498, 3,100)	1,307 (446, 2,620)	0.8
FB 48hrs	850 (-16, 1,938)	727 (110, 1,823)	1,012 (61, 1,946)	0.7
FB 72hrs	860 (102, 1,671)	555 (104, 1,263)	1,021 (289, 2,004)	0.2
% FO 24hrs	18 (5, 35)	18 (8, 36)	16 (5, 35)	0.9
% FO 48hrs	11 (0, 25)	11 (1, 25)	13 (1, 25)	0.7
% FO 72hrs	11 (1, 20)	7 (1, 17)	14 (4, 24)	0.3
UO 24hrs	1,855 (1,289, 2,575)	1,910 (1,340, 2,950)	1,942 (1,322, 2,555)	0.7
UO 48hrs	2,300 (1,725, 3,000)	2,350 (1,725, 3,410)	2,110 (1,650, 2,850)	0.2
UO 72hrs	2,570 (1,888, 3,140)	2,775 (2,378, 3,442)	2,190 (1,770, 2,960)	**0.015**
Furosemide 24hrs	42 (28%)	12 (24%)	27 (33%)	0.3
Furosemide 48hrs	41 (36%)	16 (41%)	22 (37%)	0.7
Furosemide 72hrs	22 (26%)	9 (35%)	12 (24%)	0.4
RRT 24hrs	1 (0.7%)	0 (0%)	0 (0%)	>0.9
RRT 48hrs	4 (3.5%)	0 (0%)	3 (5.0%)	0.3
RRT 72hrs	4 (4.7%)	0 (0%)	3 (6.1%)	0.5

[1]Median (IQR); n (%). x²Wilcoxon rank sum test; Wilcoxon rank sum exact test. ACRONYM: FB, Fluid Balance; FO, Fluid Overload; PCT, procalcitonine; sCr, serum creatinine;   RRT, renal replacement therapy;   UO, urinary output;.