

Characteristic	Before PSM				After PSM			
	Overall N = 798 ¹	Non-Survival N = 370 ¹	Survival N = 428 ¹	P Value ²	Overall N = 522 ¹	Non-Survival N = 261 ¹	Survival N = 261 ¹	P Value ²
Age (years)	67.6 (55.8, 80.0)	68.9 (55.7, 80.9)	66.7 (56.1, 79.1)	0.3	67.8 (56.1, 81.0)	67.7 (54.8, 81.3)	67.8 (58.4, 80.8)	0.5
Gender				0.048				>0.9
Female	320 (40%)	162 (44%)	158 (37%)		228 (44%)	114 (44%)	114 (44%)	
Male	478 (60%)	208 (56%)	270 (63%)		294 (56%)	147 (56%)	147 (56%)	
Hypertension				0.3				0.9
No	464 (58%)	223 (60%)	241 (56%)		308 (59%)	153 (59%)	155 (59%)	
Yes	334 (42%)	147 (40%)	187 (44%)		214 (41%)	108 (41%)	106 (41%)	
Diabetes				0.5				>0.9
No	546 (68%)	249 (67%)	297 (69%)		353 (68%)	176 (67%)	177 (68%)	
Yes	252 (32%)	121 (33%)	131 (31%)		169 (32%)	85 (33%)	84 (32%)	
AMI				0.2				0.3
No	570 (71%)	273 (74%)	297 (69%)		369 (71%)	190 (73%)	179 (69%)	
Yes	228 (29%)	97 (26%)	131 (31%)		153 (29%)	71 (27%)	82 (31%)	
CHF				0.005				0.6
No	498 (62%)	250 (68%)	248 (58%)		326 (62%)	166 (64%)	160 (61%)	
Yes	300 (38%)	120 (32%)	180 (42%)		196 (38%)	95 (36%)	101 (39%)	
AKI				>0.9				0.5
No	611 (77%)	283 (76%)	328 (77%)		397 (76%)	202 (77%)	195 (75%)	
Yes	187 (23%)	87 (24%)	100 (23%)		125 (24%)	59 (23%)	66 (25%)	
Liver Disease				0.008				>0.9
No	672 (84%)	298 (81%)	374 (87%)		435 (83%)	217 (83%)	218 (84%)	
Yes	126 (16%)	72 (19%)	54 (13%)		87 (17%)	44 (17%)	43 (16%)	
Charlson Index	6 (4, 8)	6 (4, 8)	6 (4, 8)	0.018	6 (4, 8)	6 (4, 8)	6 (4, 8)	0.3
Heart rate (/min)	85 (73, 98)	87 (74, 103)	82 (71, 95)	<0.001	86 (73, 99)	86 (74, 100)	86 (73, 98)	0.6
MAP (mmHg)	78 (72, 84)	77 (70, 85)	78 (72, 83)	0.6	78 (72, 84)	78 (70, 85)	78 (72, 83)	0.6
Respiratory rate (/min)	20.4 (17.8, 23.9)	21.4 (18.7, 24.9)	19.6 (17.4, 22.8)	<0.001	20.7 (17.8, 24.0)	20.9 (18.0, 24.4)	20.6 (17.7, 23.8)	0.2
Temperature(°C)	36.74 (36.26, 37.16)	36.64 (35.85, 37.09)	36.80 (36.47, 37.20)	<0.001	36.73 (36.25, 37.13)	36.72 (36.20, 37.18)	36.75 (36.32, 37.05)	0.9
SpO ₂ (%)	97.82 (96.11, 99.10)	97.54 (95.88, 98.96)	97.92 (96.38, 99.11)	0.042	97.78 (96.00, 99.06)	97.67 (96.06, 98.96)	97.89 (95.96, 99.13)	0.7
Apsiii	72 (49, 96)	86 (65, 104)	60 (42, 85)	<0.001	75 (55, 95)	74 (56, 95)	75 (54, 95)	>0.9
Sapsii	47 (37, 59)	54 (42, 64)	42 (33, 53)	<0.001	48 (38, 60)	49 (39, 60)	47 (38, 60)	0.6
SOFA	9 (6, 12)	10 (7, 13)	8 (5, 11)	<0.001	9 (6, 13)	10 (6, 13)	9 (6, 12)	0.4
Oasis	43 (36, 49)	45 (39, 50)	39 (33, 47)	<0.001	43 (37, 49)	44 (37, 49)	43 (37, 49)	>0.9
GCS	11 (5, 15)	10 (3, 15)	12 (8, 14)	0.011	11 (5, 15)	12 (5, 15)	10 (5, 14)	0.004
Creatinine(μmol/L)	65 (55, 77)	69 (59, 82)	62 (54, 71)	<0.001	67 (57, 78)	68 (57, 80)	65 (57, 77)	0.13
WBC (×10 ⁹ /L)	92 (78, 110)	100 (84, 118)	87 (75, 102)	<0.001	95 (80, 111)	96 (81, 114)	93 (80, 109)	0.2
Urineoutput(ml)	1,286 (695, 2,240)	1,068 (416, 1,962)	1,495 (905, 2,365)	<0.001	1,235 (640, 2,161)	1,155 (520, 2,170)	1,280 (700, 2,130)	0.3
OSM				<0.001				<0.001
Normal-osmolarity (290-309mmol/L)	428 (54%)	152 (41%)	276 (64%)		276 (53%)	113 (43%)	163 (62%)	
Hypo-osmolarity (< 290mmol/L)	44 (5.5%)	16 (4.3%)	28 (6.5%)		29 (5.6%)	12 (4.6%)	17 (6.5%)	
Hyper-osmolarity (> 309mmol/L)	326 (41%)	202 (55%)	124 (29%)		217 (42%)	136 (52%)	81 (31%)	

¹median (IQR) for continuous; n (%) for categorical

²Wilcoxon rank sum test; Pearson's Chi-squared test