

Supplementary Table 1. Descriptive statistics and between-group comparisons of LEMI and HEMI patients in sensitivity analysis subgroup

Variable	Crude cohort			Propensity score-matched cohort			
	LEMI (n = 67)	HEMI (n = 132)	p-value	LEMI (n = 45)	HEMI (n = 45)	p-value	SMD
Age (yr)	55.07 ± 15.76	38.66 ± 15.02	< 0.001*	48.49 ± 14.22	47.96 ± 16.16	0.868	0.035
BMI (kg/m ²)	27.91 ± 5.42	26.13 ± 5.50	0.032	27.52 ± 5.46	25.94 ± 6.42	0.212	0.265
Female sex	18 (26.9)	23 (17.4)	0.170	11 (24.4)	14 (31.1)	0.638	0.149
Fractures, subluxations, dislocations	42 (62.7)	69 (52.3)	0.212	28 (62.2)	29 (64.4)	1.000	0.046
Early surgery rate (≤ 24 hr from initial injury)	42 (62.7)	85 (64.4)	0.936	30 (66.7)	32 (71.1)	0.820	0.096
Baseline upper extremity motor score	11.69 ± 10.86	13.19 ± 12.06	0.392	12.64 ± 11.33	12.69 ± 12.50	0.986	0.004
Baseline lower extremity motor score	0.00 ± 0.00	0.00 ± 0.00	-	0.00 ± 0.00	0.00 ± 0.00	-	< 0.001
Baseline total motor score	11.44 ± 10.75	13.19 ± 12.06	0.320	12.64 ± 11.33	12.69 ± 12.50	0.986	0.004
Complications							
Spinal shock	17 (25.4)	72 (54.5)	< 0.001*	17 (37.8)	20 (44.4)	0.668	0.136
Neurogenic shock	18 (26.9)	63 (47.7)	0.007*	16 (35.6)	16 (35.6)	1.000	< 0.001
Cardiogenic shock and hypotension	22 (32.8)	62 (47.0)	0.079	18 (40.0)	17 (37.8)	1.000	0.046

Values are presented as mean ± standard deviation or number (%).

HEMI, high-energy mechanism of injury; LEMI, low-energy mechanism of injury; BMI, body mass index; SMD, standardized mean difference.

*p < 0.05, statistically significant differences.