

1 Supplement Table 1. Multivariable analysis of determinants of prognostic for longer length of
 2 stay (LOS). Not that coefficients (with 95% CI) are derived from an analysis on log-transformed
 3 values of LOS, as to fulfil the normal distribution assumption.

Parameter	Coef. (95% CI)	P-value
Sex		0.21
Male	Ref	
Female	0.227 (-0.130 - 0.584)	
Current age class		0.19
16-30	Ref	
31-45	0.555 (-0.408 - 1.519)	
46-60	0.764 (-0.089 - 1.616)	
61-75	0.909 (0.054 - 1.763)	
76+	0.840 (-0.125 - 1.806)	
Level of injury		0.83
C1-C4	Ref	
C5-T1	-0.138 (-0.619 - 0.343)	
T2-L2	-0.208 (-0.652 - 0.236)	
L3-S5	-0.009 (-0.735 - 0.718)	
ASIA		0.53
A	Ref	
B	0.011 (-0.391 - 0.412)	
C	0.107 (-0.344 - 0.557)	
D	-0.318 (-0.960 - 0.323)	
E	-0.760 (-1.989 - 0.468)	
Etiology		0.52
NTSCI	Ref	
TSCI	0.174 (-0.365 - 0.712)	
Years since injury		0.49
<=5	Ref	
6-15	0.388 (-0.237 - 1.014)	
16-25	0.423 (-0.217 - 1.063)	
>=26	0.229 (-0.413 - 0.871)	
Cause of admission		<0.0001
Pressure ulcer	1.293 (0.716 - 1.870)	
UTI	-0.079 (-0.598 - 0.440)	
Respiratory infection	0.127 (-0.467 - 0.722)	
Fracture	0.670 (0.138 - 1.203)	
Other urological causes	-0.864 (-1.549 - -0.179)	
Autonomic dysregulation	-0.096 (-0.952 - 0.759)	
Other infection	0.437 (-0.140 - 1.014)	
Unspecified health condition	Ref	
Medical complications		0.03
None	Ref	
One or more	0.329 (0.028 - 0.629)	
N comorbidities		0.23
None	Ref	
One or more	0.218 (-0.138 - 0.573)	
Discharge destination		0.58
Home	Ref	

4	Nursing home	-1.209 (-3.117 - 0.700)
	Death	-0.308 (-1.264 - 0.648)
	Unknown	-0.005 (-1.038 - 1.027)

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