

Table 1. Patients’ pertinent data.

a. Qualitative patients’ data by gender and head trauma vis-à-vis survival

	Gender				Trauma			
	Men		Women		Head Trauma		No head trauma	
	Survivors	Non-survivors	Survivors	Non-survivors	Survivors	Non-survivors	Survivors	Non-survivors
n	75	8	8	3	56	7	27	4
p value (Fisher’s test)	0.110				1.00			

b. Results of quantitative patients’ demographics and clinical assessment scores vis-à-vis survival

	Age		APACHE II		SOFA		ISS	
	Survivors	Non-survivors	Survivors	Non-survivors	Survivors	Non-survivors	Survivors	Non-survivors
Mean	34.52	45.36	8.86	15.00	5.78	8.90	29.87	35.81
SD	15.16	23.62	3.80	6.97	2.50	3.47	10.51	7.09
Median	30.00	38.00	9.00	12.00	6.00	10.00	29.00	7.09
Range	17 to 82	18 to 79	1 to 16	9 to 32	0 to 12	4 to 15	9 to 66	25 to 50
p value (Student's t-test)	<0.001				<0.001		0.073	
p value (Wilcoxon's test)	0.135							

c. Results of univariate logistic regression and ROC analysis for quantitative patients’ demographics and clinical assessment scores

	Age	APACHE II	SOFA	ISS
Univariate logistic regression				
b coefficient	0.034	0.289	0.402	0.053
SE of b coefficient	0.017	0.098	0.130	0.030
Constant	-3.369	-5.312	-4.949	-3.754
OR	1.035	1.336	1.495	1.054
95% for OR	1.000 to 1.071	1.102 to 1.619	1.157 to 1.932	0.993 to 1.118
ROC analysis				
Threshold (from ROC)	65	8	9	33
Sensitivity (%)	36.4	100	54.5	81.8
Specificity (%)	93.9	49.4	92.8	61.4
ROC AUC	0.639	0.797	0.765	0.702
95% CI for ROC	0.533 to 0.736	0.702 to 0.873	0.666 to 0.846	0.599 to 0.792