

S2 Table. Univariate logistic regression analysis of prognostic factors on survival at hospital discharge

Prognostic factors	Not adjusted OR		
	OR	IC 95%	P
Period			
<i>Period 1 (2009-2010)</i>	(1) Ref.		
<i>Period 2 (2011-2012)</i>	1.78	[1.17- 2.71]	0.007
Age group			
<i>0-40 years</i>	(1) Ref.		
<i>40-55 years</i>	1.40	[0.71- 2.75]	
<i>55-70 years</i>	1.05	[0.55- 1.99]	
<i>70-85 years</i>	0.41	[0.21- 0.83]	
<i>> 85 years</i>	0.10	[0.02- 0.47]	<0.001
Gender			
<i>Female</i>	(1) Ref.		
<i>Male</i>	1.94	[0.18- 1.14]	0.007
Pathogenesis (presumed aetiology)			
<i>Not documented aetiology</i>	(1) Ref.		
<i>Presumed traumatic aetiology, drowning and asphyxia</i>	1.45	[0.58- 3.62]	
<i>Presumed medical (not cardiac) aetiology and drug overdose</i>	2.94	[1.51- 5.71]	
<i>Presumed cardiac aetiology</i>	13.07	[7.89- 21.65]	<0.001
First monitored rhythm			
<i>Asystole</i>	(1) Ref.		
<i>PEA</i>	5.58	[2.73- 11.41]	<0.001
<i>VF/VT</i>	28.23	[14.38- 55.43]	<0.001
Arrest location			
<i>Home</i>	(1) Ref.		
<i>Public location</i>	3.93	[2.47- 6.27]	<0.001
<i>Ambulance</i>	5.10	[2.83- 9.20]	<0.001
Witnessed arrest			
<i>Unwitnessed arrest</i>	(1) Ref.		
<i>Bystander or EMS witnessed</i>	4.72	[2.34- 9.51]	<0.001
Bystander response			
<i>Bystander CPR not performed</i>	(1) Ref.		
<i>Bystander CPR performed</i>	2.74	[1.82-4.13]	<0.001
Bystander AED use			
<i>Automated external defibrillator (AED) not used</i>	(1) Ref.		
<i>Automated external defibrillator (AED) used</i>	5.73	[2.79- 11.75]	<0.001
Response times			
<i>0-2 min</i>	(1) Ref.		
<i>2-6 min</i>	0.80	[0.42-1.52]	
<i>6-9 min</i>	0.56	[0.33-0.96]	
<i>9-12 min</i>	0.31	[0.16-0.61]	
<i>> 12 min</i>	0.23	[0.10-0.54]	<0.001

EMS: Emergency Medical System. PEA: Pulseless Electrical Activity.

VF/ VT: Ventricular Fibrillation/ Ventricular Tachycardia.

CPR: Cardiopulmonary Resuscitation. AED: Automated External Defibrillator.