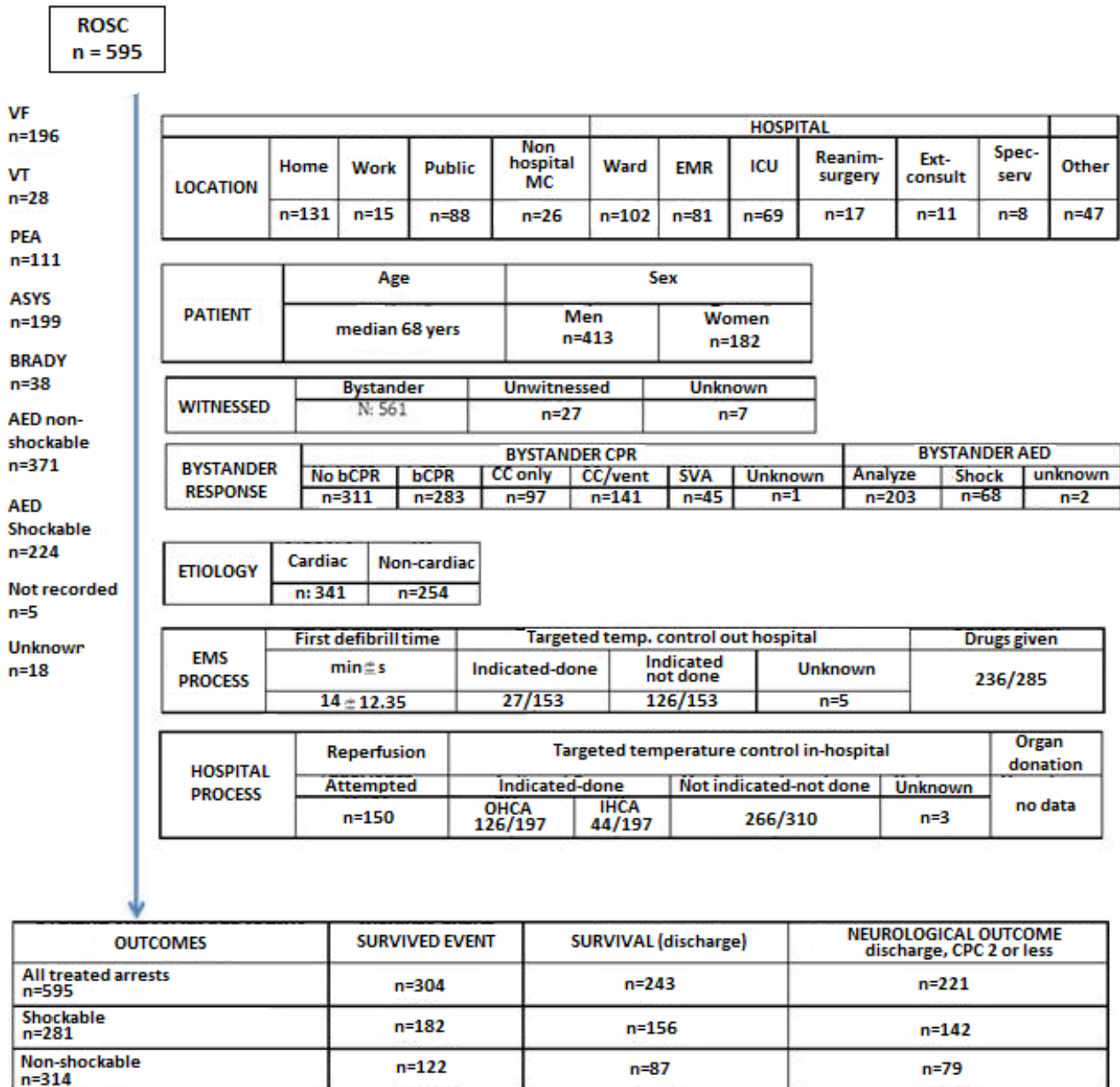


## Supplementary online material

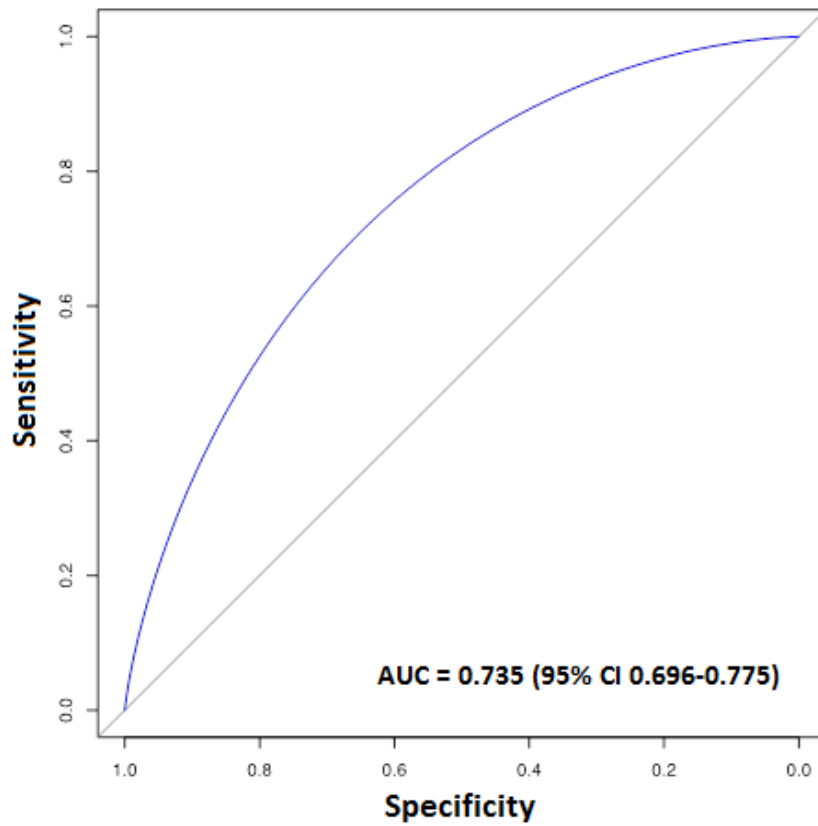
### The PCRR-HT Study Group

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\*PCRR-HT is the Spanish acronym for Recovered Cardiorespiratory Arrest-Hypothermia; GTCIC-PNRCP is the Spanish acronym for Working Group of Cardiac Intensive Care Units-National Plan of Cardiopulmonary Resuscitation; SEMICYUC is the Spanish acronym for Spanish Society of Intensive Care Medicine and Coronary Units)

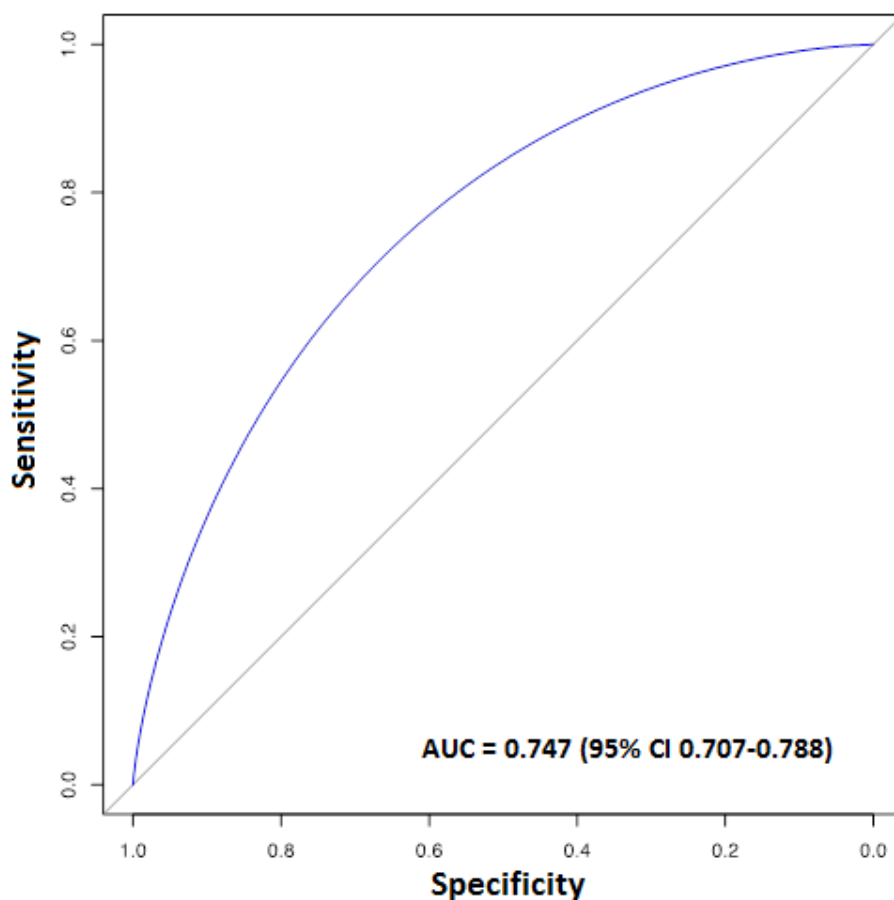


**Figure 1.** Utstein standardized template for reporting outcomes from cardiac arrest (AED: automated external defibrillator; ASYS: asystole; bCPR: bystander cardiopulmonary resuscitation; Brady: bradycardia; CC: chest-compression-only; CPC: cerebral performance category; CPR: cardiopulmonary resuscitation; EMR: emergency room; EMS: emergency medical services; Ext-consult: outpatient clinics; IHCA: in-hospital cardiac arrest; MC: medical center; OHCA: out-of-hospital cardiac arrest; PEA: pulse electrical activity; ROSC: return of spontaneous circulation; Spec-serv: specialized service (coronary unit, hemodynamic unit); SVA: advanced life support; VF: ventricular fibrillation; VT: ventricular tachycardia).



<b>Sensitivity</b>	<b>74.2% (95% CI 68.8-79.2)</b>
<b>Specificity</b>	<b>62.3% (95% CI 56.7-67.9)</b>
<b>Positive predictive value</b>	<b>71.6% (95% CI 67.0-75.7)</b>
<b>Negative predictive value</b>	<b>65.5% (95% CI 61.8-69.0)</b>

**Figure 2.** ROC curve for the predictive score of ICU mortality with the closest.topleft discriminant threshold of -0.1394. AUC: area under the curve. Score: 0.019 (age) + 0.992 (non-cardiac cause of arrest) -0.614 (PCI procedure) -0.898 (shockable rhythm) + 1.069 (ROSC > 20 min) + 0.016 (total CPR time).



<b>Sensitivity</b>	<b>73.9% (95% CI 68.9-78.4)</b>
<b>Specificity</b>	<b>65.3% (95% CI 58.9-71.3)</b>
<b>Positive predictive value</b>	<b>63.2 (95% CI 58.5-67.7)</b>
<b>Negative predictive value</b>	<b>75.6 (95% CI 72.0-78.8)</b>

**Figure 3.** ROC curve for the predictive score of overall in-hospital mortality with the closest.topleft discriminant threshold of 0.2977. AUC: area under the curve. Score: 0.022 (age) + 0.770 (non-cardiac cause of arrest) -0.602 (PCI procedure) -0.960 (shockable rhythm) + 1.122 (ROSC > 20 min) + 0.015 (total CPR time).