

Supplementary online material

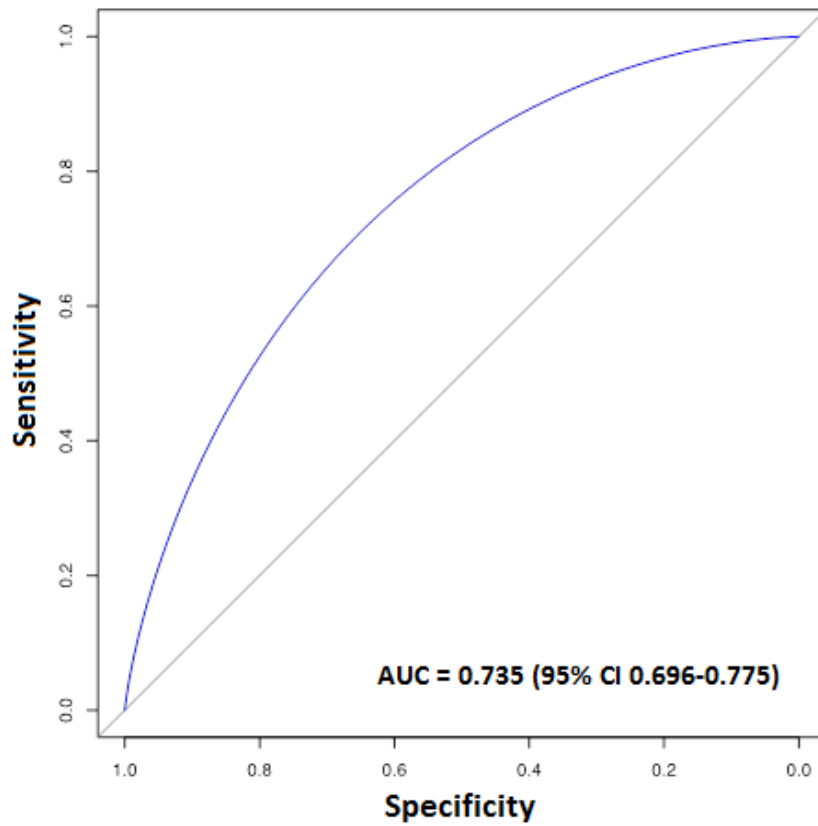
The PCRR-HT Study Group

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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)

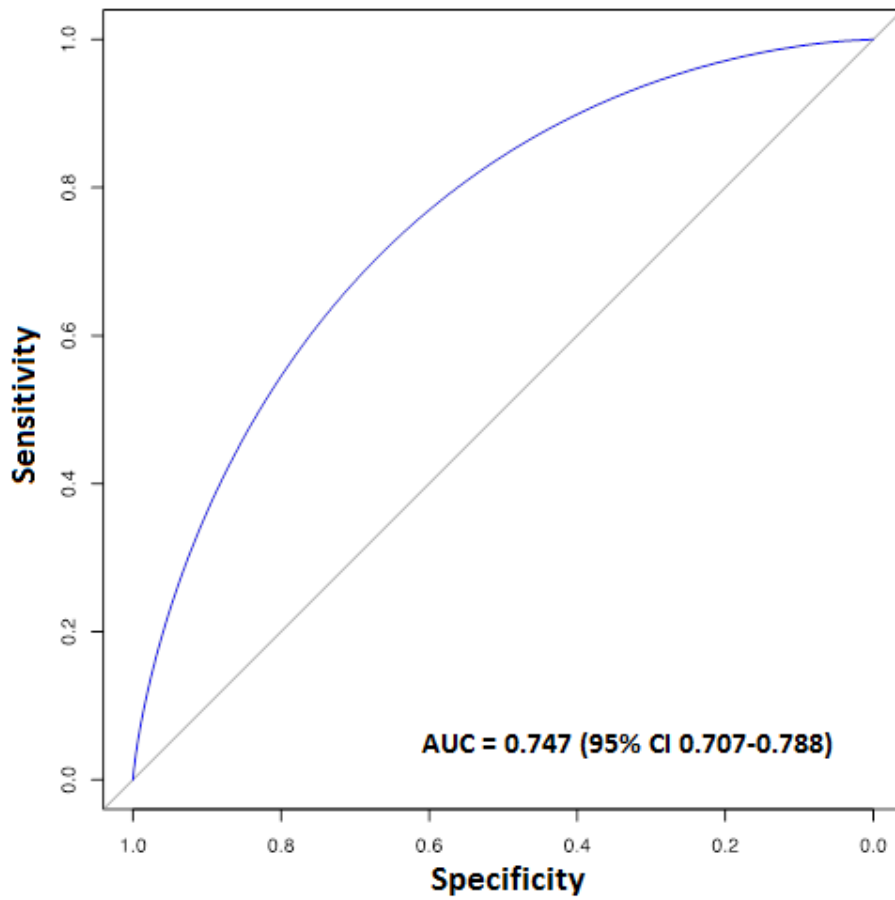
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Figure 1. Utstein standardized template for reporting outcomes from cardiac arrest (AED: automated external defibrillator; ASYS: asystole; bCPR: bystander cardiopulmonary resuscitation; Brady: bradycardia; CC: chest-compression-only; CPC: cerebral 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).



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

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).



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

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).