

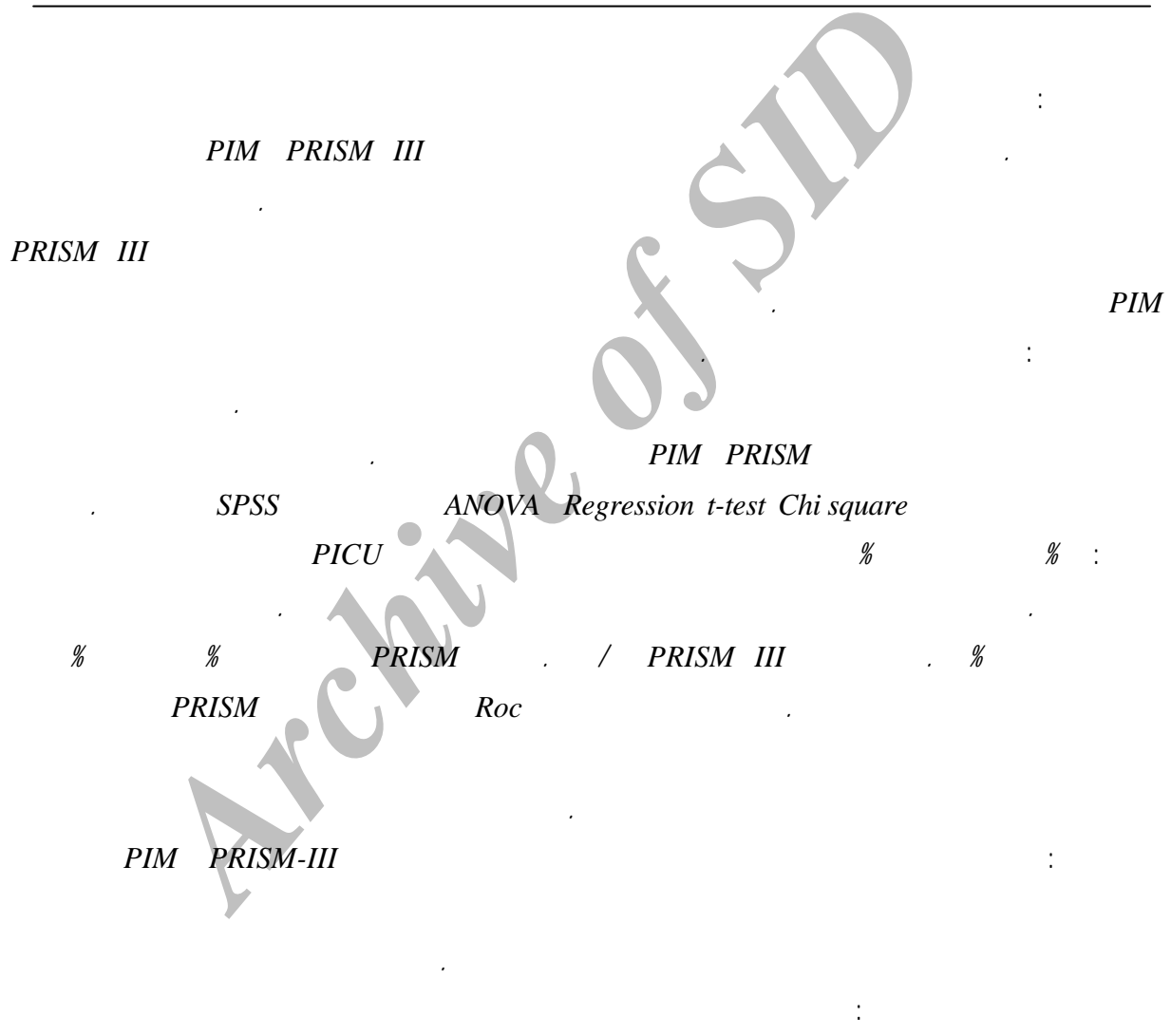
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()

Pediatric Risk of Mortality

Pediatric Index of Mortality

*



()

()

PRISM

Ballot

% %

Goh () Logistic regression

Pollack PRISM ()

PRISM III

Clinical classification system

()

PRISM Tan

($P < /$)

(RR=Relative Risk)

() $RR = e^{0.1032 \times \text{PRISM score}}$

APACHE (Mortality Prediction Model) MPM (Acute Physiology and Chronic Health Evaluation)

PRISM

PIM (Pediatric Risk of Mortality) (Pediatric Index of Mortality)

Wells Wang ()

PRISM

()

Brady

(GCS)

PICU (PRISM)

PIM PRISM () (PIM)

Pollack PRISM

() HCO₃ PH

Cr BUN

()

PRISM

PIM ()

PIM

www.sfar.com

PRISM

Regression analysis Chi square t-test
ANOVA

PRISM

Systolic Blood Pressure (mmHg)	Diastolic Blood Pressure (mmHg)	Heart Rate (beats/ min)
Respiratory Rate (breaths/ min)	Pa O ₂ / FI O ₂ (mmHg)	Pa CO ₂ (mmHg)
PT / PTT	Total Bilirubin	Calcium
Potassium (mEq/L)	Glucose	HCO ₃ ⁻ (mEq/L)
Pupillary Reactions	Total score	Glasgow

PIM

Variables	Values (1 if Yes, 0 otherwise)	Beta
Elective admission	-	-
Underlying condition	-	-
Response of pupils to bright light (> 3 mm and both fixed)	-	-
Mechanical ventilation (at any time during first hour in ICU)	-	-
Systolic Blood Pressure (mmHg)	-	-
Base excess (mmHg)(arterial or capillary blood)	-	-
FiO ₂ (%) / PaO ₂ (mmHg)	-	-
Predicted Death Rate	-	-

			\pm SD	SE		%	%	%
()	/	/ \pm /	/					
()	/ /	/ \pm /	/					
()	/	/ \pm /	/		% /			
()		/ \pm /	/				%	
		/ \pm /	/				%	
		/ \pm /	/				%	
		/ \pm /	/				%	
		/ \pm /	/				%	
Fio2(O2 vol%)	% %	% \pm %	/					PRISM / \pm /
Pa O2 (mm/Hg)	/	/ \pm /	/					PRISM
Pa Co2 (mm/Hg)	/	/ \pm /	/		PRISM			()
PH	/ /	/ \pm /	/					/
HCO3 ⁻ (meq/L)	/ /	/ \pm /	/					(P < /) /
24 hr Urine (cc)		/ \pm /	/		PIM PRISM			
GFR (ml/min/1.73 m2)	/	/ \pm /	/					ANOVA
PRISM III		/ \pm /	/					(P < /)
PIM	/ /	/ \pm /	/					

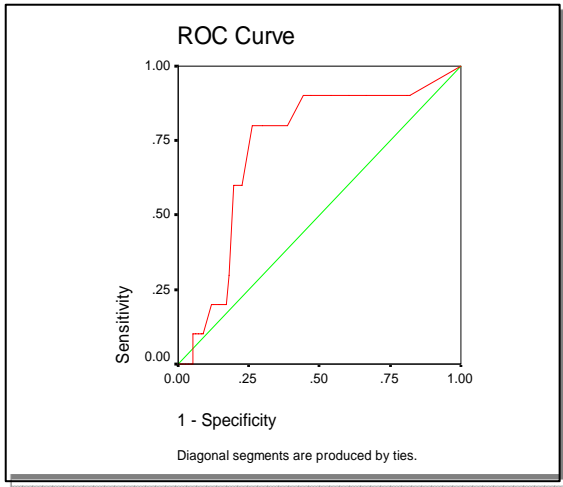
% /

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/ \pm /

PRISM III



PRISM III ROC

PICU

PRISM III

% % PRISM
% PRISM III
() %

()

PIM PRISM III

PRISM III

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