

Supplementary Online Content

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eTable 1. Association of OI With OSI Using Multivariate Model

eTable 2. Baseline Characteristics for Derivation and Validation Data Sets

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1: Association of OI With OSI Using Multivariate Model

	Estimates	95% CI	<i>P</i> value
OI	0.2868	0.2554, 0.3182	<.001
Paco ₂	−0.0032	−0.0291, 0.0228	.81
pH	0.9363	−2.9446, 4.8173	.64
Temperature	0.1747	−0.0070, 0.3564	.06

Abbreviations: OI: Oxygenation index, OSI: Oxygen saturation index

eTable 2: Baseline Characteristics for Derivation and Validation Data Sets

	Derivation data (n=1018)	Validation data (n=436)	<i>P</i> value*
GA	28.93 \pm 5.07	29.01 \pm 5.23	.78
pH	7.29 \pm 0.11	7.28 \pm 0.11	.13
PCO ₂	45.33 \pm 12.01	46.59 \pm 12.53	.07
PO ₂	59.34 \pm 32.17	61.18 \pm 37.34	.34
SpO ₂	93.29 \pm 6.41	93.28 \pm 6.74	.97
Hb	14.23 \pm 2.61	13.80 \pm 2.53	.004
FIO ₂	33.12 \pm 21.40	33.78 \pm 21.60	.59
OI	7.47 \pm 8.98	7.30 \pm 8.37	.74
OSI	4.10 \pm 4.54	4.09 \pm 4.35	.95

Abbreviations: FIO₂, fraction of inspired oxygen; GA, gestational age; Hb: hemoglobin; OI, Oxygenation test; OSI, Oxygen saturation index; SpO₂, oxygen saturation measured by pulse oximetry.

**t* test.