

## Supplementary material

Supplementary Table S1. Barthel Index Adjusted in the Multivariate Models with age as a continuous variable (Models 2 and 3)

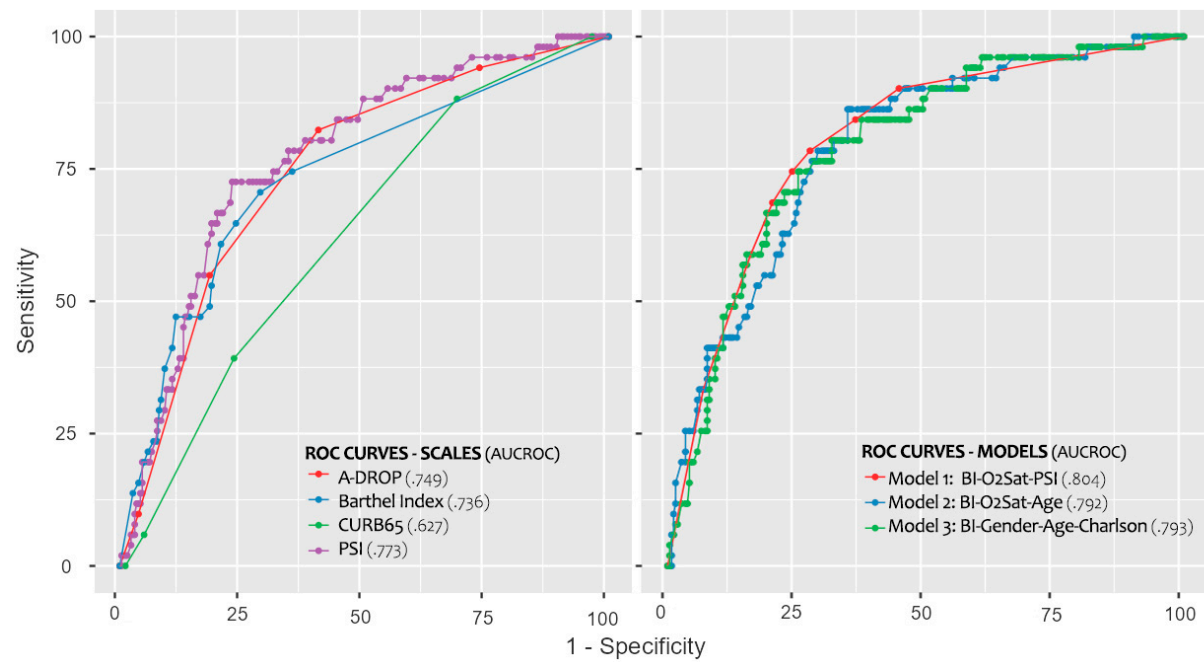
	Variable	Categories	Reference	p	OR <sup>a</sup> Exp(β)	95% CI <sup>b</sup> OR Exp(β)	
						Lower	Upper
Model 1	Barthel Index	>90	Ref				
		≤90		.012	2.65	1.24	5.66
	PSI <sup>c</sup>	<107	Ref				
		≥107		<.001	4.20	1.93	9.15
	SatO2	>90%	Ref				
≤90%			.022	2.23	1.12	4.44	
Model 2	Barthel Index	>90	Ref				
		≤90		.021	2.55	1.15	5.61
	Age	+1 year		.006	1.04	1.01	1.08
		>90%	Ref				
	SatO2	≤90%		.002	2.85	1.47	5.51
Model 3	Barthel Index	>90	Ref				
		≤90		.007	3.01	1.36	6.70
	Gender	Women	Ref				
		Men		.043	2.03	1.02	4.02
	Age	+1 year		.026	1.04	1.00	1.07
		Charlson Index	0	Ref			
≥1			.053	2.21	0.99	4.96	

<sup>a</sup>OR: odds ratio. Exp( $\beta$ ): exponential of beta; <sup>b</sup>95% CI: 95% confidence interval; <sup>c</sup>PSI: Pneumonia Severity Index.

Supplementary Table S2. Areas Under the Curve with their Respective Confidence Intervals (95% CI), Sensitivity, Specificity, Correct Classification and Goodness-of-fit Test for the Models with age as a continuous variable (Models 2 and 3)

<b>Model</b>	<b>AUC<sup>a</sup> (95% CI)</b>	<b>p</b>	<b>Sens<sup>b</sup> %</b>	<b>Spec<sup>c</sup> %</b>	<b>Correct Classification %<sup>d</sup></b>	<b>Hosmer Lesmeshow (p)</b>
<b>1</b>	.804 (.740-.869)	<.001	78.4%	72.4%	83.3%	.912
<b>2</b>	.792 (.728-.857)	<.001	86.3%	65.1%	84.6%	.911
<b>3</b>	.793 (.729-.857)	<.001	74,5%	74,3%	83.3%	.834

<sup>a</sup>AUC: Area under the curve; <sup>b</sup>Sens: sensitivity; <sup>c</sup>Spec: specificity. <sup>d</sup>Correct classification: Accuracy or efficiency of the test. 95% CI: 95% confidence interval. Cut-off value .500.



**Supplementary Figure S1.** ROC Curves for the Predictor Scores and the Multivariate Models with age as a continuous variable (Models 2 and 3). (PSI: Pneumonia Severity Index; BI: Barthel index; O2Sat: oxygen saturation).