

ONLINE APPENDIX

This proposed [ERJ Online Appendix](#) includes one [eTable](#), and two [eFigures](#)

Multicomponent indices to predict survival in COPD: The Collaborative Cohorts to assess Multicomponent Indices of COPD in Spain-COCOMICS study

Jose M. Marin, M.D.,¹ Inmaculada Alfageme, M.D.,² Pere Almagro, M.D.,³ Ciro Casanova, M.D.,⁴ Cristobal Esteban, M.D.,⁵ Juan J. Soler-Cataluña, M.D.,⁶ Juan P. de Torres, M.D.,⁷ Pablo Martinez-Cambor, Ph.D.,⁸ Marc Miravittles, M.D.,⁹ Bartolome R. Celli, M.D.,¹⁰ and Joan B. Soriano, M.D.,¹¹

Author for correspondence:

Program of Epidemiology & Clinical Research, Fundació Caubet-Cimera Illes Balears,
Recinte Hospital Joan March, Bunyola 07110, Spain.

Tel: +34 971 148437

Fax: +34 971 148442

Email: jbsoriano@caubet-cimera.es

¹ Respiratory Department, Hospital Universitario Miguel Servet, Zaragoza, Spain.

jmmarint@unizar.es

² Respiratory Department, Valme University Hospital, Sevilla, Spain. ialfageme@separ.es

³ Internal Medicine Unit, Hospital Universitari Mutua de Terrassa, Barcelona, Spain.

palmagro@mutuaterrassa.es

⁴ Respiratory Department, Hospital Nuestra Señora de la Candelaria, Tenerife, Spain.

casanovaciro@gmail.com

⁵ Respiratory Department, Hospital Galdakao-Usansolo, Bizkaia, Spain,

crisobal_esteban@yahoo.es

⁶ Respiratory Unit, Hospital General de Requena, Valencia, Spain. JJSOLER@telefonica.net

⁷ Respiratory Department, Clínica Universidad de Navarra, Pamplona, Spain.

jupa65@hotmail.com

⁸ CAIBER, Oficina de Investigación Biosanitaria de Asturias, Oviedo, Spain.

pmcambor@hotmail.com

⁹ Institut d'Investigacions Biomèdiques Agustí Pi Sunyer, Hospital Clínic, Barcelona, Spain.

marcm@separ.es

¹⁰ Pulmonary and Critical Care Medicine, Brigham and Women's Hospital, Harvard

University, Boston, MA, USA. BCelli@copdnet.org

¹¹. Program of Epidemiology & Clinical Research, Fundació Caubet-Cimera Illes Balears,

Bunyola, Spain. jbsoriano@caubet-cimera.es

eTable 1. COPD multicomponent indices. Note: In grey those indices not tested in POOLE given that some variables were unavailable

Variable	BODE	mBODE	e-BODE	BODEx	ADO	CPI	SAFE	HADO	COPDSS	TARDIS	DOSE
BMI	0 (>21); 1 (≤21)	0 (>21); 1 (≤21)	0 (>21); 1 (≤21)	0 (>21); 1 (≤21)		0 (≥20); 11 (<20)				1 (≤18.5); 0 (18.5-25) -1 (>25)	
Obstruction (%pred FEV ₁)	0 (≥65%); 1 (50–64%); 2 (36–49%); 3 (≤35%)	0 (≥65%); 1 (50–64%); 2 (36–49%); 3 (≤35%)	0 (≥65%); 1 (50–64%); 2 (36–49%); 3 (≤35%)	0 (≥65%); 1 (50–64%); 2 (36–49%); 3 (≤35%)	0 (≥65%); 1 (≥36– 64%); 2 (≤35%)	24 (<30%); 15 (30–49%); 7 (50–59%); 0 (≥60%)	0 (≥80%); 1 (50–79%); 2 (30–49%); 3 (<30%)	3 (≥65%); 2 (50–64%); 1 (36–49%); 0 (≤35%)		0 (≥50%); 1 (30–49%); 2 (<30%)	0 (≥50%); 1 (30–49%); 2 (<30%)
Dyspnoea (mMRC)	0 (0-1); 1 (2); 2 (3); 3 (4)	0 (0-1); 1 (2); 2 (3); 3 (4)	0 (0-1); 1 (2); 2 (3); 3 (4)	0 (0-1); 1 (2); 2 (3); 3 (4)	0 (0-1); 1 (2); 2 (3); 3 (4)			3 (1); 2 (2); 1 (3); 0 (4-5)	0 (0-1); 1 (2); 2 (3); 3 (4)	0 (1); 2 (2); 3 (3); 4 (4-5)	0 (0-1); 1 (2); 2 (3); 3 (4)
Exercise (6-MWT)	0 (≥350); 1 (250-349); 2 (150-249); 3 (≤149)		0 (≥350); 1 (250-349); 2 (150-249); 3 (≤149)				0 (≥400); 1 (300-399); 2 (200-299); 3 (≤199)				
VO ₂		0 (>70%pred); 1 (60–69%pred); 2 (40–59%pred); 3 (<40% pred)									
Severe Exacerbations			0 (none); 1 (1-2); 2 (>2)	0 (none); 1 (1-2); 2 (>2)		0 (no); 20 (yes)			3 (Hospitalised last 5 yr); 5 (Intubated last 5 yr); 5 (Home oxygen)	0 (no); 3 (yes)	0 (none or 1); 1 (2-3); 2 (>3)
Age					0 (40–49); 1 (50–59); 2 (60–69); 3 (70–79); 4 (80–89); 5 (≥90)	0 (< 55); 7 (55- 64); 14 (65- 74); 20 (≥ 75)				0 (<60); 1 (60–69); 2 (70–79); 3 (≥80)	
History of CVD						0 (no); 7 (yes)				0 (no); 3 (yes)	
Quality of Life (SGRQ score)						18 (>64); 13 (47-64); 7 (30-47); 0 (≥30)	0 (≤30); 1 (31-49); 2 (50-64); 3 (≥65)				
Gender						0 (male); 1 (female)					
Physical Activity								3 (3); 2 (2); 1 (1); 0 (0)			
Health status								3 (very good); 2 (good); 1 (fair); 0 (bad)			
Systemic CS									1 (ever); 3 (long-term); 1 (past 2-wk)		
Other medication									Multiple (up to 10 points)		
Influenza vaccination										1 (no); 0 (yes)	
Smoking											1 (smoker); 0 (non)
<i>Comorbidities</i>											
SCORE range	0-10	0-10	0-12	0-9	0-10	0-100	0-9	0-12	0-35	0-15	0-8

eFigure 1. Location of COPD cohorts in Spain



eFigure 2. Change in C statistics for the six available indices with time (up to 10 years): A) crude; B) adjusted by age.

