

TABLE S2: Metaregression results on spirometric indices (FEV1 and FVC) of PCD patients

		Regression coefficient	95% C.I.		p-value [¶]	Residual I ² (p-value) [#]	Regression coefficient	95% C.I.		p-value [¶]	Residual I ² (p-value) [#]
		FEV ₁					FVC				
Year of publication	>2007*	79.0	73.6	84.3	<.0001	93.03% (< .0001)	86.0	81.4	90.6	<.0001	85.99% (< .0001)
	1997-2007	-9.3	-19.3	0.7	0.069		-6.1	-15.2	2.9	0.183	
	≤1997	-17.5	-30.9	-4.1	0.011		-19.6	-34.9	-4.3	0.012	
Study size	≤20 patients*	70.4	62.0	78.8	<.0001	94.12% (< .0001)	78.0	69.1	86.8	<.0001	84.38% (< .0001)
	21-50 patients	6.1	-5.1	17.2	0.287		4.8	-5.5	15.2	0.361	
	51-100 patients	-0.8	-18.9	17.3	0.934		4.1	12.1	20.3	0.618	
	>100 patients	9.0	-5.0	23.0	0.207		12.7	-0.2	25.5	0.054	
Study design	prospective*	75.4	68.3	82.6	<.0001	95.50% (< .0001)	83.1	75.7	90.4	<.0001	91.92% (< .0001)
	retrospective	-2.0	-12.6	8.5	0.703		0.2	-9.7	10.1	0.972	
Spirometry references	≥5000 participants*	82.2	74.6	89.9	<.0001	91.66% (< .0001)	90.7	84.0	97.3	<.0001	82.70% (< .0001)
	<5000 participants	-4.5	-14.9	5.8	0.393		-5.5	-14.9	4.0	0.256	
	no information	-15.0	-24.7	-5.2	0.003		-12.9	-21.3	-4.6	0.002	
Lung function test quality	ERS/ATS guidelines*	79.9	73.5	86.4	<.0001	93.55% (< .0001)	85.0	79.9	90.2	<.0001	85.58% (< .0001)
	best of 3 measurements	-8.7	-20.4	3.0	0.144		-9.9	-21.1	1.4	0.085	
	no information	-12.1	-22.6	-1.6	0.024		-1.0	-10.8	8.7	0.834	
Study design	case-control*	78.7	68.7	88.8	<.0001	95.21% (< .0001)	86.7	77.0	96.3	<.0001	93.82% (< .0001)
	case series	-7.5	-19.8	4.8	0.229		-6.3	-19.3	6.6	0.339	
	clinical trial	3.8	-23.8	31.3	0.790		2.1	-20.6	24.8	0.856	
	cohort	-0.4	-21.3	20.6	0.972		-9.7	-32.8	13.5	0.413	
Spirometry as primary outcome	No*	74.2	68.0	80.3	<.0001	95.38% (< .0001)	82.6	75.7	89.5	<.0001	93.37% (< .0001)
	Yes	1.1	-10.3	12.5	0.854		1.4	-9.5	12.3	0.802	

95% C.I. = 95% confidence interval, *reference category, [¶]p-value of Q_M test, [#]Residual I² heterogeneity (p-value of Q_E test). Table shows estimated differences (95% C.I.) in percent predicted of each category of the tested moderator characteristics from the reference category. Negative (positive) values represent decrease (increase) in percent predicted values. For the reference categories, the absolute value in percent predicted is shown (intercept). The p-values are from the Q_M moderators' test, which tests whether at least one of the regression coefficients (not including the intercept) is different from zero, and from the Q_E test for residual heterogeneity, which tests whether the heterogeneity is explained by the moderator characteristic.