

SUPPLEMENTARY MATERIAL S3

Inter-rater agreement of the framework scoring process (Cohen's kappa values).

Author (year)	App	Kappa value	Interpretation
An et al. (2021)	<i>COPDTrack</i>	0.289	Minimal
Bartlett et al. (2017)	<i>Virtual Coach System</i>	0.631	Moderate
Bartlett et al. (2017)	<i>Music and Maps System</i>	0.719	Moderate
Bartlett et al. (2017)	<i>Online Community System</i>	0.581	Weak
Bentley et al. (2020)	<i>SMART-COPD</i>	0.612	Moderate
Chong et al. (2021) Whittaker et al. (2021)	<i>mPR app</i>	0.366	Minimal
Demeyer et al. (2017) Loeckx et al. (2018)	<i>PROactive Linkcare</i>	0.832	Strong
Deng et al. (2021)	--	0.633	Moderate
Ding et al. (2019)	<i>MH-COPD</i>	0.512	Weak
Guerra-Paiva et al. (2021)	<i>DPO2</i>	0.747	Moderate
Kwon et al. (2018)	<i>Efil breath</i>	0.659	Moderate
Park et al. (2020)	<i>SASMP</i>	0.600	Moderate
Pereira et al. (2016)	<i>Exercit@rt</i>	0.701	Moderate
Rassouli et al. (2018) Spielmanns et al. (2020)	<i>Kaia COPD</i>	0.613	Moderate
Simmich et al. (2021)	<i>Grow Stronger</i>	0.604	Moderate

Spina et al. (2013)	<i>COPDTrainer</i>	0.748	Moderate
Tabak et al. (2014a,b)	<i>Activity Coach</i>	0.769	Moderate
Vorriink et al. (2016a,b)	--	0.579	Weak
Yonchuk et al. (2021)	<i>Respercise</i> [®]	0.551	Weak
	Average	0.61	Moderate