

Table S2a. Multivariable ordinal logistic mixed model analysis of self-reported dyspnoea by the modified Medical Research Council score at follow-up visits after discharge from hospital for COVID-19, presented with odds ratio (95%CI) for being in a higher category of dyspnoea, with all covariates.

mMRC (0, 1, ≥ 2)	Pts./obs. 239/415	Odds ratio (95% CI)
12 months vs. 3 months		0.76 (0.48, 1.21)
WHO group 4 vs group 3		0.63 (0.27, 1.48)
WHO group 5-7 vs group 3		0.75 (0.25, 2.30)
Male sex vs female		0.33 (0.15-0.74)
Age, per year		1.01 (0.99-1.04)

mMRC, modified Medical Research Council Dyspnoea scale. CI, Confidence interval. WHO, World Health Organisation. WHO group 3: hospitalised, no oxygen therapy. WHO group 4: need for supplemental oxygen by mask or nasal prongs. WHO group 5-7: need for non-invasive ventilation support, mechanical ventilation and/or additional organ support.

Table S2b. Multivariable linear mixed model analysis for exercise capacity (6MWD) at follow-up visits after discharge from hospital for COVID-19, presented with beta coefficient (95%CI). With all covariates.

6MWD, m	Pts./obs. 158/283	Beta coefficient (95% CI)
12 months vs. 3 months		6 (-7, 19)
WHO group 4 vs group 3		-31 (-63, 0)
WHO group 5-7 vs group 3		-33 (-76, 10)
Male sex vs female		88 (59, 116)
Age, per year		-3 (-3, -1)
BMI, per kg/m ²		-6 (-10, -3)
Charlson comorbidity index, score 1 vs 0		-58 (-96, -21)
Charlson comorbidity index, score ≥ 2 vs 0		-31 (-79, 18)

6MWD, 6-minute walking distance. CI, Confidence interval. WHO, World Health Organisation. WHO group 3: hospitalised, no oxygen therapy. WHO group 4: need for supplemental oxygen by mask or nasal prongs. WHO group 5-7: need for non-invasive ventilation support, mechanical ventilation and/or additional organ support. BMI, Body mass index.

Table S2c. Multivariable linear mixed model analysis for forced vital capacity at follow-up visits after discharge from hospital for COVID-19, presented with beta coefficient (95%CI). With all covariates.

FVC, L	Pts./obs. 197/369	Beta coefficient (95% CI)
12 months vs. 3 months		0.02 (-0.03, 0.08)
WHO group 4 vs group 3		-0.18 (-0.41, 0.05)
WHO group 5-7 vs group 3		-0.23 (-0.54, 0.08)
Male sex vs female		1.45 (1.25, 1.66)
Age, per year		-0.02 (-0.03, -0.01)
BMI, per kg/m ²		-0.02 (-0.05, 0.00)
Charlson comorbidity index, score 1 vs 0		-0.28 (-0.56, 0.00)
Charlson comorbidity index, score ≥ 2 vs 0		-0.12 (-0.47, 0.22)

FVC, Forced vital capacity. CI, Confidence interval. WHO, World Health Organisation. WHO group 3: hospitalised, no oxygen therapy. WHO group 4: need for supplemental oxygen by mask or nasal prongs. WHO group 5-7: need for non-invasive ventilation support, mechanical ventilation and/or additional organ support. BMI, Body mass index.

Table S2d. Multivariable linear mixed model analysis for diffusion capacity of the lungs for carbon monoxide at follow-up visits after discharge from hospital for COVID-19, presented with beta coefficient (95%CI). With all covariates.

DL _{CO} , mmol/min/kPa	Pts./obs. 194/363	Beta coefficient (95% CI)
12 months vs. 3 months		0.28 (0.12, 0.44)
WHO group 4 vs group 3		-0.57 (-1.00, -0.14)
WHO group 5-7 vs group 3		-1.18 (-1.75, -0.61)
Male sex vs female		2.73 (2.35, 3.11)
Age, per year		-0.05 (-0.07, -0.04)
BMI, per kg/m ²		0.02 (-0.03, 0.06)
Charlson comorbidity index, score 1 vs 0		-0.35 (-0.87, 0.17)
Charlson comorbidity index, score ≥ 2 vs 0		-0.62 (-1.26, 0.01)

DL_{CO}, Diffusion capacity of the lungs for carbon monoxide. CI, Confidence interval. WHO, World Health Organisation. WHO group 3: hospitalised, no oxygen therapy. WHO group 4: need for supplemental oxygen by mask or nasal prongs. WHO group 5-7: need for non-invasive ventilation support, mechanical ventilation and/or additional organ support. BMI, Body mass index.

Table S2e. Multivariable linear mixed model analysis for lung capacity at follow-up visits after discharge from hospital for COVID-19, presented with beta coefficient (95%CI). With all covariates.

TLC, L	Pts./obs. 175/324	Beta coefficient (95% CI)
12 months vs. 3 months		0.13 (0.02, 0.24)
WHO group 4 vs group 3		-0.57 (-0.96, -0.17)
WHO group 5-7 vs group 3		-0.84 (-1.36, -0.32)
Male sex vs female		1.91 (1.56, 2.27)
Age, per year		0.01 (-0.00, 0.03)
BMI, per kg/m ²		-0.02 (-0.06, 0.02)
Charlson comorbidity index, score 1 vs 0		-0.14 (-0.62, 0.33)
Charlson comorbidity index, score ≥ 2 vs 0		0.21 (-0.40, 0.82)

TLC, Total lung capacity. CI, Confidence interval. WHO, World Health Organisation. WHO group 3: hospitalised, no oxygen therapy. WHO group 4: need for supplemental oxygen by mask or nasal prongs. WHO group 5-7: need for non-invasive ventilation support, mechanical ventilation and/or additional organ support. BMI, Body mass index.