

Supplementary Table S8. Studies investigating the association between vitamin D deficiency¹ and COVID-19 mortality.

Study, year	Study design	Crude OR (95% CI)	p value	Adjusted OR (95% CI)	p value	Adjusted for
AlSafar H 2021 [67]	Multicenter cohort	0.94 (0.41–2.17)	0.89	1.71 (0.66–4.43)	0.27	Age, sex, and comorbidities
Cereda E 2021 [69]	Cohort	–	–	0.28 (0.09–0.99)	0.038	Age, sex, C-reactive protein, ischemic heart disease and severe pneumonia
De Smet D 2020 [70]	Retrospective cohort	–	–	3.87 (1.30–11.55)	0.0154	Age, sex, comorbidities, CT stage, CT severity score
Derakhshania n H 2021 [71]	Retrospective cohort	2.30 (1.25–4.26)	<0.05	2.0 (1.03–3.83)	<0.05	Age, sex
Lohia P 2021 [75]	Retrospective cohort	0.69 (0.39–1.24)	0.21	1.04 (0.55–1.97)	0.9	Age, sex, body mass index (BMI), and comorbidities

¹ Vitamin D deficiency is defined as 25(OH)D<20 ng/mL [78].