

Supplementary Table S2. Studies investigating the association between TNF- α and severe CoVID-19 with odds ratio values.

Study, year	Study design	Crude OR (95% CI)	p value	Adjusted OR (95% CI)	p value	Adjusted for
Hou H 2020 [33]	Cohort	–	–	1.0115 (0.9440–1.0837)	0.7450	IL-1 β , IL-2R, IL-6, IL-8, IL-10, lymphocyte, neutrophil, PCT, IL-2R/lymphocytes, CRP, ferritin
Liu G 2021 [34]	Cohort	–	–	0.361 (0.138–0.941)	0.037	IFN- γ , IL-10, IL-2, IL-4, IL-6
Tian J 2020 [35]	Multicenter, retrospective cohort	1.22 (1.04–1.43)	0.015	1.22 (1.01–1.47)	0.037	Age, sex, comorbidities, tumour stage, cancer type, ECOG performance status, antitumour treatments, IL-2R, PCT, CRP, lymphocyte, lymphocyte count, CD3-CD19+ B-cell count, CD4+ T cells, CD3-CD16+CD56+ natural killer cells, leukocyte count, neutrophils, monocytes, LDH, albumin, albumin–globulin ratio, NT-proBNP, myoglobin, hs-cTnI, platelet count, activated partial thromboplastin time, prothrombin time, D-dimer
Wang M 2021 [37]	Cohort	–	–	0.783 (0.108–5.665)	0.808	Age, sex, duration from illness onset to admission, duration of hospitalization, temperature before admission, temperature at day 15 after admission, hypertension, diabetes, cardiovascular and cerebrovascular diseases, respiratory system diseases, white blood cell count, lymphocyte, alanine aminotransferase, aspartate aminotransferase, creatinine, IFN-g, IL-2, IL-4, IL-6, IL-10, CD3+ T cells, B cells, NK cells, CD4+ T cells, CD8+ T cells, CD4+/CD8+ ratio
Xie M 2021 [38]	Retrospective cohort	1.074 (1.013–1.139)	0.016	–	–	–
Zhu Z 2020 [40]	Single-center, retrospective cohort	0.917 (0.386–2.182)	0.845	–	–	–