

Additional File 1: SUPPLEMENTARY METHODS

Table S1. Adapted 9-category ordinal scale [1]

Patient status	Description	Score ^a
Non-hospitalised	Discharged, cured	0
Non-hospitalised	Discharged, but still limited in daily activities	1
Hospitalised	Meets discharge criteria, defined as clinical recovery with fever, respiratory rate and oxygen saturation returned to normal and with relief of cough and fatigue. Or hospitalised due to sequelae of COVID-19 infection	2
Hospitalised, mild disease	Not requiring supplemental oxygen	3
	Requiring supplemental oxygen	4
Hospitalised, severe disease	On non-invasive ventilation or high-flow oxygen devices, or both	5
Hospitalised, critical disease	On invasive mechanical ventilation or extracorporeal membrane oxygenation, or both	6
	Respiratory dysfunction or failure with multiple organ dysfunction syndrome, multi-organ failure, sepsis and/or septic shock	7
Death	All-cause mortality	8

^aHighest score per calendar day is to be reported, except on the day of discharge, where a score ≤ 1 is to be reported.

COVID-19, coronavirus disease 2019.

Handling of missing data

As described in the main manuscript, in the case of missing deterioration/28-day mortality data, the clinical status up to and including Day 29 was imputed. Missing data regarding deterioration in patients still alive was replaced with last observation carried forward where: the patient had an ordinal score < 2 and was discharged; in patients with an ordinal score of 2–5 who were not on ICU after the last available record; and in patients with ordinal scores of 6 or 7. For patients still alive with a last recorded ordinal score of 2–5 remaining on, or readmitted to, ICU after the last record, last observation carried forward was used for visits before the ICU stay and score 7

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for days when they were on ICU up to and including Day 29. In patients with a last recorded ordinal score of 6 or 7 and unknown survival status, a score of 8 was imputed for Day 29, with missing recorded for all visits before this date.

Reference

1. Adapted from: WHO R&D Blueprint novel Coronavirus COVID-19 Therapeutic Trial Synopsis: WHO Feb 18, 2020, Geneva, Switzerland. Available at: <https://www.who.int/docs/default-source/blue-print/covid-19-therapeutic-trial-synopsis.pdf>. Last accessed 29 January 2024.