

Supplementary Table 1. Calibration of the Mortality Prediction Model of COVID-19 in the Development Group

Cutoff value	No. of patients (%)	Sensitivity (95% CI)	Specificity (95% CI)	LR+ (95% CI)	LR- (95% CI)	PPV (95% CI)	NPV (95% CI)
≥0	1232	100.00 (97.0–100.0)	0.00 (0.0–0.3)	1.00 (1.0–1.0)		10.0 (8.4–11.8)	
>0	837	99.19 (95.6–100.0)	35.53 (32.7–38.4)	1.54 (1.5–1.6)	0.023 (0.003–0.2)	14.6 (12.3–17.2)	99.7 (98.6–100.0)
>2	550	97.56 (93.0–99.5)	61.23 (58.3–64.1)	2.52 (2.3–2.7)	0.040 (0.01–0.1)	21.8 (18.4–25.5)	99.6 (98.7–99.9)
>3	539	96.75 (91.9–99.1)	62.13 (59.2–65.0)	2.55 (2.4–2.8)	0.052 (0.02–0.1)	22.1 (18.6–25.8)	99.4 (98.5–99.8)
>4	424	94.31 (88.6–97.7)	72.23 (69.5–74.8)	3.40 (3.1–3.8)	0.079 (0.04–0.2)	27.4 (23.2–31.9)	99.1 (98.2–99.7)
>5	373	90.24 (83.6–94.9)	76.38 (73.8–78.8)	3.82 (3.4–4.3)	0.13 (0.07–0.2)	29.8 (25.2–34.7)	98.6 (97.6–99.3)
>6	302	87.80 (80.7–93.0)	82.51 (80.1–84.7)	5.02 (4.3–5.8)	0.15 (0.09–0.2)	35.8 (30.4–41.5)	98.4 (97.4–99.1)
>7	264	81.30 (73.3–87.8)	85.21 (83.0–87.3)	5.50 (4.7–6.5)	0.22 (0.2–0.3)	37.9 (32.0–44.0)	97.6 (96.5–98.5)
>8	219	75.61 (67.0–82.9)	88.64 (86.6–90.4)	6.65 (5.5–8.1)	0.28 (0.2–0.4)	42.5 (35.8–49.3)	97.0 (95.8–98.0)
>9	161	63.41 (54.3–71.9)	92.52 (90.8–94.0)	8.47 (6.6–10.8)	0.40 (0.3–0.5)	48.4 (40.5–56.5)	95.8 (94.4–96.9)
>10	134	58.54 (49.3–67.3)	94.41 (92.9–95.7)	10.47 (7.9–13.9)	0.44 (0.4–0.5)	53.7 (44.9–62.4)	95.4 (93.9–96.5)
>11	66	34.96 (26.6–44.1)	97.93 (96.9–98.7)	16.86 (10.5–27.0)	0.66 (0.6–0.8)	65.2 (52.4–76.5)	93.1 (91.5–94.5)
>12	57	30.89 (22.9–39.9)	98.29 (97.3–99.0)	18.03 (10.7–30.3)	0.70 (0.6–0.8)	66.7 (52.8–78.7)	92.8 (91.1–94.2)
>13	19	11.38 (6.4–18.4)	99.55 (99.0–99.9)	25.25 (9.3–68.9)	0.89 (0.8–0.9)	73.7 (48.0–91.2)	91.0 (89.3–92.6)
>14	9	7.32 (3.4–13.4)	100.00 (99.7–100.0)		0.93 (0.9–1.0)	100.0 (66.4–100.0)	90.7 (88.9–92.2)
>15	8	6.50 (2.8–12.4)	100.00 (99.7–100.0)		0.93 (0.9–1.0)	100.0 (63.1–100.0)	90.6 (88.8–92.2)
>16		0.00 (0.0–3.0)	100.00 (99.7–100.0)		1.00 (1.0–1.0)		90.0 (88.2–91.6)

CI, confidence interval; LR, likelihood ratio; PPV, positive predictive value; NPV, negative predictive value.