

Appendix table 1.

Cases in which the predicted probability of death was $\leq 30\%$	AUROC (95% CI) N=92
Clinical Gestalt – Predicted probability of death	0.65 (0.52-0.79)
LOW-HARM score	0.79 (0.68-0.90)
LOW-HARM score v2	0.80 (0.70-0.90)
NUTRI-CoV	0.71 (0.57-0.84)
MSL-COVID-19	0.58 (0.43-0.72)
qSOFA	0.60 (0.46-0.73)
NEWS-2	0.64 (0.47-0.80)
Neutrophil:Lymphocyte ratio	0.61 (0.48-0.74)
Overall AUROC comparison test=0.006	
Individual AUROC comparisons:	
- Clinical Gestalt vs LOW-HARM scores/NUTRI-CoV/MSL-COVID-19/qSOFA/NEWS-2/Neutrophil:Lymphocyte ratio, $p > 0.1$ for all	
Cases in which the predicted probability of death was $> 30\%$	AUROC (95% CI) N=74
Clinical Gestalt – Predicted probability of death	0.55 (0.41-0.68)
LOW-HARM score	0.71 (0.59-0.84)
LOW-HARM score v2	0.74 (0.62-0.85)
NUTRI-CoV	0.45 (0.32-0.59)
MSL-COVID-19	0.65 (0.53-0.78)
qSOFA	0.57 (0.46-0.69)
NEWS-2	0.64 (0.50-0.77)
Neutrophil:Lymphocyte ratio	0.66 (0.55-0.77)
Overall AUROC comparison test=0.008	
Individual AUROC comparisons:	
- Clinical Gestalt vs LOW-HARM score v2, $p = 0.02$	
- Clinical Gestalt vs LOW-HARM score/NUTRI-CoV/MSL-COVID-19/qSOFA/NEWS-2/Neutrophil:Lymphocyte ratio, $p > 0.1$ for all, except for LOW-HARM score ( $p = 0.06$ )	
Cases in which the confidence of prediction was $\leq 80\%$	AUROC (95% CI) N=108
Clinical Gestalt – Predicted probability of death	0.63 (0.50-0.74)
LOW-HARM score	0.80 (0.71-0.90)
LOW-HARM score v2	0.80 (0.71-0.89)
NUTRI-CoV	0.63 (0.52-0.74)
MSL-COVID-19	0.68 (0.57-0.79)
qSOFA	0.58 (0.47-0.69)
NEWS-2	0.62 (0.49-0.75)
Neutrophil:Lymphocyte ratio	0.65 (0.54-0.76)
Overall AUROC comparison test=0.0034	
Individual AUROC comparisons:	
- Clinical Gestalt vs LOW-HARM scores, $p = 0.01$ for both	
- Clinical Gestalt vs NUTRI-CoV/MSL-COVID-19/qSOFA/NEWS-2/Neutrophil:Lymphocyte ratio, $p > 0.05$ for all	
Cases in which the confidence of prediction was $> 80\%$	AUROC (95% CI) N=58
Clinical Gestalt – Predicted probability of death	0.78 (0.66-0.91)
LOW-HARM score	0.72 (0.58-0.85)
LOW-HARM score v2	0.75 (0.63-0.88)
NUTRI-CoV	0.56 (0.40-0.71)
MSL-COVID-19	0.57 (0.42-0.72)
qSOFA	0.65 (0.52-0.78)
NEWS-2	0.71 (0.57-0.85)
Neutrophil:Lymphocyte ratio	0.65 (0.57-0.73)
Overall AUROC comparison test=0.03	
Individual AUROC comparisons:	
- Clinical Gestalt vs LOW-HARM scores/NEWS-2/qSOFA/Neutrophil:Lymphocyte ratio, $p > 0.1$ for all	
- Clinical Gestalt vs NUTRI-CoV/MSL-COVID-19, $p = 0.01$ for both	

Cases with predicted probability of death $\leq 30\%$ and confidence of prediction $\leq 80\%$	AUROC (95% CI) N=55
<b>Clinical Gestalt – Predicted probability of death</b>	0.56 (0.35-0.77)
<b>LOW-HARM score</b>	0.84 (0.71-0.96)
<b>LOW-HARM score v2</b>	0.85 (0.75-0.95)
<b>NUTRI-CoV</b>	0.76 (0.62-0.90)
<b>MSL-COVID-19</b>	0.69 (0.52-0.87)
<b>qSOFA</b>	0.54 (0.34-0.74)
<b>NEWS-2</b>	0.61 (0.32-0.88)
<b>Neutrophil:Lymphocyte ratio</b>	0.63 (0.44-0.81)
<i>Overall AUROC comparison test=0.0005</i>	
<i>Individual AUROC comparisons:</i>	
<i>- Clinical Gestalt vs LOW-HARM scores/NEWS-2/qSOFA/Neutrophil:Lymphocyte ratio, <math>p &gt; 0.1</math> for all</i>	
<i>- Clinical Gestalt vs NUTRI-CoV/MSL-COVID-19, <math>p = 0.01</math> for both</i>	
Cases with $\leq 14$ days of hospitalization (Deaths: 19, Survivors: 60)	AUROC (95% CI) N=79
<b>Clinical Gestalt – Predicted probability of death</b>	0.80 (0.69-0.91)
<b>LOW-HARM score</b>	0.77 (0.66-0.89)
<b>LOW-HARM score v2</b>	0.83 (0.74-0.92)
<b>NUTRI-CoV</b>	0.71 (0.59-0.83)
<b>MSL-COVID-19</b>	0.55 (0.40-0.70)
<b>qSOFA</b>	0.71 (0.58-0.83)
<b>NEWS-2</b>	0.79 (0.58-0.92)
<b>Neutrophil:lymphocyte ratio</b>	0.65 (0.53-0.78)
<i>Overall AUROC comparison test=0.0002</i>	
<i>Individual AUROC comparisons:</i>	
<i>- Clinical Gestalt vs LOW-HARM scores, <math>p &lt; 0.05</math></i>	
<i>- Clinical Gestalt vs NUTRI-CoV/MSL-COVID-19/NEWS-2/qSOFA/Neutrophil:Lymphocyte ratio, <math>p &gt; 0.1</math></i>	
Cases with $> 14$ days of hospitalization (Deaths: 28, Survivors: 59)	AUROC (95% CI) N=87
<b>Clinical Gestalt – Predicted probability of death</b>	0.55 (0.42-0.68)
<b>LOW-HARM score</b>	0.75 (0.64-0.86)
<b>LOW-HARM score v2</b>	0.73 (0.62-0.85)
<b>NUTRI-CoV</b>	0.50 (0.38-0.63)
<b>MSL-COVID-19</b>	0.71 (0.60-0.82)
<b>qSOFA</b>	0.51 (0.40-0.63)
<b>NEWS-2</b>	0.51 (0.37-0.65)
<b>Neutrophil:lymphocyte ratio</b>	0.63 (0.52-0.74)
<i>Overall AUROC comparison test=0.0026</i>	
<i>Individual AUROC comparisons:</i>	
<i>- Clinical Gestalt vs LOW-HARM scores/MSL-COVID-19, <math>p &lt; 0.05</math> for all</i>	
<i>- Clinical Gestalt vs NUTRI-CoV/NEWS-2/qSOFA/Neutrophil:lymphocyte ratio, <math>p &gt; 0.1</math> for all</i>	