

Supplemental Table 1: Univariable analysis of criteria associated with admission to Medical Ward versus Discharge Home. Using an initial cut-off of $p=0.10$, variables used at the start of building the multivariable analysis are highlighted in blue. CI: Confidence Interval; CRP: C-reactive protein; BUN: Blood urea nitrogen; ALC: Absolute lymphocyte count; CK: Creatinine kinase; SOFA: Sequential Organ Failure Assessment; CCI: Charlson Comorbidity Index; HIV: Human immunodeficiency virus; ADI: Area Deprivation Index

Variable	OR (95% CI)	p value
Age, years (per year)	1.0 (1.0-1.0)	<0.001
Female Sex (reference: male sex)	0.8 (0.6-1.0)	0.09
CRP, mg/L (per unit)	1.0 (1.0-1.0)	<0.001
BUN, mg/dL (per unit)	1.0 (1.0-1.1)	<0.001
ALC, K/uL (per unit)	0.8 (0.7-1.0)	0.09
CK, U/L (per unit)	1.0 (1.0-1.0)	0.09
D-dimer, ng/mL (per unit)	1.0 (1.0-1.0)	0.27
Procalcitonin, ng/mL (per unit)	1.7 (1.0-1.2)	0.20
Troponin, ng/L (per unit)	1.0 (1.0-1.0)	<0.001
Ferritin, ug/L (per unit)	1.0 (1.0-1.0)	0.004
SOFA (per unit in the score)	1.0 (0.9-1.0)	0.41
CCI (per unit in the score)	1.2 (1.1-1.3)	<0.001
Hypotension (SBP <90mmHg) on admission (reference: no hypotension on admission)	4.3 (1.3-14.3)	0.02
Oxygen requirement on admission (reference: no oxygen requirement on admission)	5.4 (3.6-8.1)	<0.001
History of renal disease (reference: no history)	2.4 (1.4-3.6)	<0.001
History of lung disease (reference: no history)	1.0 (0.7-1.3)	0.94
History of hypertension (reference: no history)	1.4 (1.1-1.8)	0.02
History of diabetes (reference: no history)	1.4 (1.0-1.8)	0.04
History of congestive heart failure (reference: no history)	3.1 (1.8-5.4)	<0.001
History of stroke (reference: no history)	2.7 (1.3-5.5)	0.01
History of HIV (reference: no history)	1.6 (0.5-5.7)	0.45
BMI $\geq 30\text{mg}/\text{kg}^2$ (reference: BMI <30mg/kg ²)	1.0 (0.7-1.3)	0.72
Non-white race (reference: White race)	0.6 (0.5-0.8)	0.001
Area Deprivation Index (ADI)	0.9 (0.9-1.0)	0.04
Non-English primary language (reference: English)	0.7 (0.5-0.9)	0.01
Homelessness (reference: domiciled)	2.5 (1.0-6.5)	0.06
Illicit drug use (opiates, cocaine, methamphetamines) (reference: no illicit drug use)	4.0 (1.6-10.1)	0.004
Current cigarette smoker (reference: no active cigarette use)	2.3 (1.2-4.5)	0.01

Supplemental Table 2: Univariable analysis of criteria associated with admission to ICU versus Medical Ward Using an initial cut-off of $p=0.10$, variables used at the start of building the multivariable analysis are highlighted in blue. CI: Confidence Interval; CRP: C-reactive protein; BUN: Blood urea nitrogen; ALC: Absolute lymphocyte count; CK: Creatinine kinase; SOFA: Sequential Organ Failure Assessment; CCI: Charlson Comorbidity Index; HIV: Human immunodeficiency virus; ADI: Area Deprivation Index

	OR (95% CI)	p value
Age, years (per year)	1.0 (1.0-1.0)	0.15
Female Sex (reference: male sex)	0.6 (0.4-0.8)	0.002
CRP, mg/L (per unit)	1.0 (1.0-1.0)	<0.001
BUN, mg/dL (per unit)	1.0 (1.0-1.0)	<0.001
ALC, K/uL (per unit)	0.9 (0.6-1.2)	0.31
CK, U/L (per unit)	1.0 (1.0-1.0)	0.01
D-dimer, ng/mL (per unit)	1.0 (1.0-1.0)	<0.001
Procalcitonin, ng/mL (per unit)	1.0 (1.0-1.1)	0.03
Troponin, ng/L (per unit)	1.0 (1.0-1.0)	0.002
Ferritin, ug/L (per unit)	1.0 (1.0-1.0)	<0.001
SOFA (per unit in the score)	1.1 (1.0-1.2)	0.003
CCI (per unit in the score)	1.0 (1.0-1.1)	0.66
Hypotension (SBP <90mmHg) on admission (reference: no hypotension on admission)	2.3 (1.3-4.2)	0.01
Oxygen requirement on admission (reference: no oxygen requirement on admission)	6.2 (4.2-9.3)	<0.001
History of renal disease (reference: no history)	1.0 (0.7-1.5)	0.99
History of lung disease (reference: no history)	0.8 (0.6-1.2)	0.32
History of hypertension (reference: no history)	1.0 (0.7-1.4)	0.88
History of diabetes (reference: no history)	1.4 (1.0-1.9)	0.04
History of congestive heart failure (reference: no history)	0.7 (0.4-1.1)	0.10
History of stroke (reference: no history)	0.7 (0.4-1.4)	0.29
History of HIV (reference: no history)	1.0 (0.3-3.6)	0.99
BMI $\geq 30\text{mg}/\text{kg}^2$ (reference: BMI $< 30\text{mg}/\text{kg}^2$)	1.8 (1.2-2.5)	0.002
Non-white race (reference: White race)	1.4 (1.0-1.9)	0.10
Area Deprivation Index (ADI)	1.1 (1.0-1.2)	0.04
Non-English primary language (reference: English)	1.7 (1.2-2.6)	0.01
Homelessness (reference: domiciled)	0.3 (0.1-1.1)	0.06
Illicit drug use (opiates, cocaine, methamphetamines) (reference: no illicit drug use)	0.5 (0.2-1.2)	0.11
Current cigarette smoker (reference: no active cigarette use)	0.8 (0.4-1.5)	0.45