

Table S1Multivariate GEE* logistic regression – **Hospital admissions** as a dependent variable

Characteristic	OR [†]	95% CI [†]	p-value
NLR quartile			
0% - 24.9%	—	—	
25% - 49.9%	1.67	1.08, 2.57	0.020
50% - 74.9%	2.02	1.30, 3.13	0.002
75% - 100%	2.90	1.79, 4.69	<0.001
Age	0.97	0.93, 1.01	0.11
[†] OR = Odds Ratio, CI = Confidence Interval			

Multivariate GEE* logistic regression – **Resuscitation room** admission as a dependent variable

Characteristic	OR [†]	95% CI [†]	p-value
NLR quartile			
0% - 24.9%	—	—	
25% - 49.9%	2.30	1.32, 4.02	0.003
50% - 74.9%	2.85	1.65, 4.92	<0.001
75% - 100%	2.86	1.64, 5.00	<0.001
Age	1.00	0.96, 1.05	0.9
[†] OR = Odds Ratio, CI = Confidence Interval			

Multivariate GEE* logistic regression – **Intravenous Magnesium treatment** as a dependent variable

Characteristic	OR [†]	95% CI [†]	p-value
NLR quartile			
0% - 24.9%	—	—	
25% - 49.9%	3.70	1.46, 9.42	0.006
50% - 74.9%	4.97	2.00, 12.4	<0.001
75% - 100%	6.62	2.70, 16.2	<0.001
Age	0.96	0.91, 1.01	0.13
[†] OR = Odds Ratio, CI = Confidence Interval			

Multivariate GEE* logistic regression – **Admission ≥ two days** as a dependent variable

Characteristic	OR [†]	95% CI [†]	p-value
NLR quartile			
0% - 24.9%	—	—	
25% - 49.9%	1.03	0.69, 1.54	0.9
50% - 74.9%	1.34	0.90, 1.99	0.2
75% - 100%	1.64	1.10, 2.45	0.015
Age	1.01	0.97, 1.04	0.7
[†] OR = Odds Ratio, CI = Confidence Interval			

Multivariate GEE* logistic regression – **Room air saturation < 92 %** as a dependent variable

Characteristic	OR ¹	95% CI ¹	p-value
NLR quartile			
0% - 24.9%	—	—	
25% - 49.9%	1.58	1.03, 2.44	0.038
50% - 74.9%	1.85	1.20, 2.86	0.005
75% - 100%	1.74	1.12, 2.70	0.014
Age	0.95	0.91, 0.99	0.010
¹ OR = Odds Ratio, CI = Confidence Interval			

Multivariate GEE* logistic regression – **Tachypnea according to age** as a dependent variable

Characteristic	OR ¹	95% CI ¹	p-value
NLR quartile			
0% - 24.9%	—	—	
25% - 49.9%	1.61	0.85, 3.05	0.15
50% - 74.9%	3.28	1.56, 6.88	0.002
75% - 100%	8.00	2.98, 21.5	<0.001
Age	0.89	0.84, 0.94	<0.001
¹ OR = Odds Ratio, CI = Confidence Interval			

*GEE- Generalized estimating equation