

Table E6a. Unadjusted models of in hospital and 2-year mortality

	In hospital mortality	p-value	2-years mortality	p-value
	*OR (95% CI)		*HR (95% CI)	
Dyspnea on admission (reference=0)				
Dyspnea 1-2	3.1 (2.6-3.8)	<.001	2.3 (2.0-2.5)	<.001
Dyspnea ≥ 3	4.6 (3.7-5.8)	<.001	2.3 (2.1-2.5)	<.001

Table E6b. Adjusted models of in hospital and 2-year mortality

	In hospital mortality	p-value	2-years mortality	p-value
	*aOR (95% CI)		*aHR (95% CI)	
Dyspnea on admission (reference=0)				
Dyspnea 1-2	2.1 (1.6-2.7)	<.001	1.5 (1.4-1.7)	<.001
Dyspnea ≥ 3	2.7 (2.2-2.3)	<.001	1.5 (1.4-1.7)	<.001
Age category (reference="18-34")				
35-50 years	3.7 (1.9-7.4)	<.001	4.3 (3.2-5.8)	<.001
51-65 years	6.8 (3.5-13.1)	<.001	9.1 (6.9-12.0)	<.001
> 65 years	12.3 (6.4-23.3)	<.001	19.8 (15.2-25.9)	<.001
Gender (reference=male)				
Female	1.1 (0.9-1.2)	0.58	0.9 (0.9-1.1)	0.62
Race (reference=white)				
Black	0.7 (0.5-0.9)	0.003	0.9 (0.9-1.1)	0.39
Other	1.8 (1.5-2.2)	<.001	0.9 (0.9-1.0)	0.24
Sofa category ^a (ref=0)				
1-3	2.0 (1.6-2.4)	<.001	1.7 (1.6-1.8)	<.001
4-6	3.9 (3.0-4.9)	<.001	3.0(2.8-3.3)	<.001
>6	18.5 (10.9-31.5)	<.001	5.4 (3.8-7.6)	<.001
Elixhauser predicted mortality ^b %	1.12 (1.11-1.14)	<.001	1.06 (1.06-1.07)	<.001

*Adjusted Odds Ratio (aOR)

*Adjusted Hazards Ratio (aHR)

^aSOFA denotes Sequential Organ Failure Assessment score. Scores range from 0 to 24, with higher scores suggesting higher mortality.

^bElixhauser predicted mortality is based on Elixhauser comorbidities

Table E6c. Unadjusted models of in hospital and 2-year mortality

	In hospital mortality	p-value	2-years mortality	p-value
	*OR (95% CI)		*HR (95% CI)	
Dyspnea in the past 24 hours (reference=0)				
Dyspnea 1-2	2.9 (2.1-4.0)	<.001	2.3 (2.0-2.6)	<.001
Dyspnea ≥ 3	3.4 (2.9-4.0)	<.001	2.3 (2.2-2.5)	<.001

Table E6d. Adjusted models of in hospital and 2-year mortality

	In hospital mortality	p-value	2-years mortality	p-value
	*aOR (95% CI)		*aHR (95% CI)	
Dyspnea in the past 24 hours (reference=0)				
Dyspnea 1-2	1.9 (1.4-2.7)	<.001	1.5 (1.3-1.7)	<.001
Dyspnea ≥ 3	2.2 (1.8-2.7)	<.001	1.5 (1.4-1.7)	<.001
Age category (reference="18-34")				
35-50 years	3.6 (1.8-7.2)	<.001	4.1 (3.1-5.8)	<.001
51-65 years	6.4 (3.3-12.4)	<.001	8.7 (6.6-11.4)	<.001
> 65 years	11.4 (6.0-21.8)	<.001	18.6 (14.2-24.4)	<.001
Gender (reference=male)				
Female	1.1 (0.9-1.3)	0.58	0.98 (0.93-1.1)	0.73
Race (reference=white)				
Black	0.7 (0.5-0.9)	0.003	0.96 (0.89-1.04)	0.31
Other	1.8 (1.5-2.3)	<.001	0.95 (0.86-1.04)	0.26
Sofa category ^a (ref=0)				
1-3	1.9 (1.6-2.3)	<.001	1.68 (1.58-1.79)	<.001
4-6	3.8 (2.9-4.8)	<.001	2.97(2.69-3.27)	<.001
>6	19.2 (11.5-32.1)	<.001	5.48 (3.89-7.72)	<.001
Elixhauser predicted mortality ^b %	1.13 (1.11-1.14)	<.001	1.06 (1.056-1.066)	<.001

*Adjusted Odds Ratio (aOR)

*Adjusted Hazards Ratio (aHR)

^aSOFA denotes Sequential Organ Failure Assessment score. Scores range from 0 to 24, with higher scores suggesting higher mortality.

^bElixhauser predicted mortality is based on Elixhauser comorbidities

