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| --- | --- | --- | --- | --- | --- | --- |
| **Suppl 2. The entropy balancing weighted characteristics of mechanically ventilated hospitalizations** | | | | | | |
| **with COVID-19 and influenza** |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **COVID-19a** | **Influenza** |  |  |
|  | **n = 19,659** | **n = 2,536** |  |  |
| **Age, years (%)** |  |  |  |  |
| 18-44 | 11.4 | 11.4 |  |  |
| 45-64 | 33.6 | 33.6 |  |  |
| ≥ 65 | 54.9 | 54.9 |  |  |
| **Gender (%)** |  |  |  |  |
| Female | 41.7 | 41.7 |  |  |
| Male | 51 | 51 |  |  |
| Suppressedb | 7.3 | 7.3 |  |  |
| **Race/ethnicity (%)** |  |  |  |  |
| White | 50.7 | 50.7 |  |  |
| Hispanic | 27.5 | 27.5 |  |  |
| Black | 14.0 | 14.0 |  |  |
| Other | 7.7 | 7.7 |  |  |
| **Health insurance (%)** |  |  |  |  |
| Private | 43.7 | 43.7 |  |  |
| Medicare | 35.1 | 35.1 |  |  |
| Medicaid | 7.0 | 7.0 |  |  |
| Uninsured | 8.6 | 8.6 |  |  |
| Other | 4.4 | 4.4 |  |  |
| Missing | 1.1 | 1.1 |  |  |
| **Deyo comorbidity indexc** | 2.04 | 2.04 |  |  |
| **Comorbid conditions (%)** |  |  |  |  |
| Diabetes | 42.4 | 42.4 |  |  |
| Liver disease | 5.7 | 5.7 |  |  |
| Malignancy | 6.5 | 6.5 |  |  |
| Congestive heart failure | 33.8 | 33.8 |  |  |
| Chronic lung disease | 28.5 | 28.5 |  |  |
| Myocardial infarction | 15.2 | 15.2 |  |  |
| Peripheral vascular disease | 3.6 | 3.6 |  |  |
| Dementia | 7.7 | 7.7 |  |  |
| Peptic ulcer disease | 1.5 | 1.5 |  |  |
| Hemiplegia/paraplegia | 2.7 | 2.7 |  |  |
| HIVd | 0.5 | 0.5 |  |  |
| Cerebrovascular disease | 8.6 | 8.6 |  |  |
| Chronic renal disease | 25.4 | 25.4 |  |  |
| Rhumatological disease | 3.1 | 3.1 |  |  |
| Obesity | 33.6 | 33.6 |  |  |
| Tobacco use | 9.9 | 9.9 |  |  |
| Alcohol use | 3.8 | 3.8 |  |  |
| Substance use | 3.9 | 3.9 |  |  |
| **Number of organ dysfunctionsc** | 2.61 | 2.61 |  |  |
| **Hemodialysis (%)** | 7.6 | 7.6 |  |  |
| **ECMOe (%)** | 0.3 | 0.3 |  |  |
| **Do-not-resuscitatef (%)** | 33.1 | 33.1 |  |  |
| **Palliative care (%)** | 22.1 | 22.1 |  |  |
| **Teaching hospital (%)** | 25.9 | 25.9 |  |  |
| **Hospital admission period (%)** |  |  |  |  |
| Fourth quarter 2021 | 28.7 | 28.7 |  |  |
| First quarter 2022 | 39.6 | 39.6 |  |  |
| Second quarter 2022 | 3.6 | 3.6 |  |  |
| Third quarter 2022 | 11.5 | 11.5 |  |  |
| Fourth quarter 2022 | 6.5 | 6.5 |  |  |
| First quarter 2023 | 10.0 | 10.0 |  |  |
| a COVID-19: coronavirus disease 2019 | |  |  |  |
| b The State of Texas suppresses gender data of hospitalizations with human immunodeficiency virus infection, | | | | |
| alcohol use, and substance use |  |  |  |  |
| c mean value |  |  |  |  |
| d HIV: human immunodeficiency virus | |  |  |  |
| e ECMO: extracorporeal membrane oxygenation | |  |  |  |
| f Do-not-resuscitate: a do-not-resuscitate state | |  |  |  |