

Table S1	Covariates for the logistic regression model considering patient related factors and hospital resources
<p>Charlson co-morbidity index (continuous)</p> <p>Myocardial infarction (categorical)</p> <p>Congestive heart failure (categorical)</p> <p>Peripheral vascular disease (categorical)</p> <p>Cerebrovascular disease (categorical)</p> <p>Dementia (categorical)</p> <p>Chronic pulmonary diseases (categorical)</p> <p>Connective tissue disease (categorical)</p> <p>Ulcer disease (categorical)</p> <p>Liver disease mild (categorical)</p> <p>Liver disease moderate or severe (categorical)</p> <p>Diabetes (categorical)</p> <p>Diabetes with end organ failure (categorical)</p> <p>Hemiplegia (categorical)</p> <p>Renal disease moderate or severe (categorical)</p> <p>Any tumor (categorical)</p> <p>Leukemia (categorical)</p> <p>Malignant lymphoma (categorical)</p> <p>Metastatic solid malignancy (categorical)</p> <p>AIDS (categorical)</p> <p>No comorbidities = COPD only (categorical)</p> <p>Cardiovascular diseases total (categorical)</p> <p>Heart diseases total (categorical)</p> <p>Neurological diseases total (categorical)</p> <p>Diabetes total (categorical)</p> <p>Liver diseases total (categorical)</p> <p>Age (continuous)</p> <p>Age above74 (categorical)</p> <p>Gender (categorical)</p> <p>Previous admissions (one or more) in the last 12 month (categorical)</p> <p>Spirometry available (categorical)</p> <p>Ventilatory support (categorical)</p> <p>Body Mass Index (continuous)</p> <p>Body Mass Index (categorical):</p> <p>Body Mass Index Categories.WHO</p> <p> low (<21)</p> <p> normal (21-24,9)</p> <p> high (25-29,9)</p> <p> obese (>=30)</p> <p>Respiratory specialists/1000beds</p> <p>Respiratory medical trainees/1000beds</p> <p>Sum of respiratory specialists and trainees/1000beds</p> <p>Physiotherapists/respiratory therapists/1000 beds</p> <p>X-ray normal (categorical)</p> <p>Systemic corticosteroids during admission (categorical)</p> <p>Antibiotics during admission (categorical)</p> <p>Hospital size small/medium/large (categorical)</p>	