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| **Supplementary Table 1.** Potential predictors of HA-BSI during the PRE-COVID, according to BC results (N=7382) | | | | |
|  | **Univariable analysis** | | | **Multivariable analysis** |
|  | **Positive BCs**  **(N=1038)** | **Negative BCs**  **(N=6344)** | **OR (95% CI); p** | **OR (95% CI); p** |
| **Age (yrs.)** | 70 (59-79) | 66 (52-77) | **1.01 (1.00; 1.02); <0.001** | **1.02 (1.01; 1.02); <0.001** |
| **Female Sex** | 461 (44.4) | 2882 (45.4) | 0.96 (0.84; 1.09); 0.542 |  |
| **Days of hospitalization** | 26 (16-43) | 12 (7-21) | **1.04 (1.03; 1.04); <0.001** | **1.04 (1.03; 1.04); <0.001** |
| **ICU** | 153 (14.7) | 463 (7.3) | **2.20 (1.80; 2.67); <0.001** | **1.81 (1.45; 2.26); <0.001** |
| **Comorbidities** |  |  |  |  |
| *Diabetes* | 186 (17.9) | 952 (15.0) | **1.24 (1.04; 1.47); 0.016** | 1.05 (0.87; 1.27); 0.610 |
| *Immune depression* | 221 (21.3) | 1258 (19.8) | 1.09 (0.93; 1.28); 0.276 |  |
| *Neurological disorders* | 179 (17.2) | 933 (14.7) | **1.21 (1.01; 1.44); 0.034** | 0.87 (0.71; 1.06); 0.169 |
| *Neoplasms* | 475 (45.8) | 2578 (40.6) | **1.23 (1.08; 1.41); 0.002** | **1.55 (1.33; 1.79); <0.001** |
| *Kidney failure* | 248 (23.9) | 936 (14.8) | **1.81 (1.55; 2.13); <0.001** | **1.82 (1.53; 2.16); <0.001** |
| **Abbreviations**: positive and negative BCs: blood cultures that were positive and negative for HA-BSI; COVID: COronaVIrus Disease; ICU: intensive care unit; OR: odds ratio; CI: confidence interval; HA-BSI: hospital-acquired bloodstream infection  Descriptive statistics are expressed as median (interquartile range: IQR) for quantitative data, as absolute and relative percentage frequencies for qualitative variables. In bold significant findings (p<0.05), in italic the suggestive ones (0.05≤p<0.10). | | | | |