| ESBL K. pneumoniae |  | IRR | p-value |
| --- | --- | --- | --- |
| **Hospital** | | | |
| Pandemic periods w |  |  | **0.005*1*** |
|  | First wave | 1.19 (1.08, 1.31) | **<0.001** |
|  | Strong res | 1.03 (0.93, 1.13) | 0.617 |
|  | Mild res | 1.07 (1, 1.14) | **0.044** |
|  | Low to no res | 1.02 (0.96, 1.08) | 0.56 |
| Pandemic periods w-1 |  |  | **0.005*1*** |
|  | First wave | 1.2 (1.09, 1.32) | **<0.001** |
|  | Strong res | 1.02 (0.92, 1.12) | 0.728 |
|  | Mild res | 1.06 (1, 1.13) | 0.058 |
|  | Low to no res | 1.02 (0.96, 1.08) | 0.521 |
| Pandemic periods w-2 |  |  | **0.022*1*** |
|  | First wave | 1.17 (1.06, 1.29) | **0.001** |
|  | Strong res | 1.02 (0.92, 1.13) | 0.694 |
|  | Mild res | 1.06 (0.99, 1.13) | 0.099 |
|  | Low to no res | 1.02 (0.96, 1.08) | 0.57 |
| COVID-19 intubation prevalence | Week w | 1.02 (1, 1.04) | 0.116 |
|  | Week w-1 | 1.02 (1, 1.04) | 0.12 |
|  | Week w-2 | 1.01 (0.99, 1.04) | 0.261 |
| **ICU** | | | |
| Pandemic periods w |  |  | **<0.001*1*** |
|  | First wave | 1.33 (1.09, 1.62) | **0.005** |
|  | Strong res | 0.77 (0.62, 0.95) | **0.016** |
|  | Mild res | 1.19 (1.03, 1.36) | **0.017** |
|  | Low to no res | 0.98 (0.86, 1.12) | 0.81 |
| Pandemic periods w-1 |  |  | **<0.001*1*** |
|  | First wave | 1.38 (1.14, 1.68) | **0.001** |
|  | Strong res | 0.76 (0.61, 0.93) | **0.01** |
|  | Mild res | 1.19 (1.03, 1.36) | **0.014** |
|  | Low to no res | 0.98 (0.86, 1.11) | 0.736 |
| Pandemic periods w-2 |  |  | **<0.001*1*** |
|  | First wave | 1.44 (1.18, 1.74) | **<0.001** |
|  | Strong res | 0.78 (0.63, 0.97) | **0.025** |
|  | Mild res | 1.17 (1.02, 1.34) | **0.027** |
|  | Low to no res | 1 (0.88, 1.13) | 0.944 |
| COVID-19 intubation prevalence | Week w | 1 (0.95, 1.05) | 0.909 |
|  | Week w-1 | 1.01 (0.96, 1.06) | 0.837 |
|  | Week w-2 | 1.01 (0.96, 1.06) | 0.727 |
| *1*Global p-value | | | |