| ESBL K. pneumoniae |  | IRR | p-value |
| --- | --- | --- | --- |
| **Hospital** | | | |
| Pandemic periods w |  |  | **0.0052*1*** |
|  | First wave | 1.19 (1.08-1.31) | **0.0003** |
|  | Strong res | 1.03 (0.93-1.13) | 0.6169 |
|  | Mild res | 1.07 (1-1.14) | **0.0438** |
|  | Low to no res | 1.02 (0.96-1.08) | 0.5603 |
| Pandemic periods w-1 |  |  | **0.0050*1*** |
|  | First wave | 1.2 (1.09-1.32) | **0.0003** |
|  | Strong res | 1.02 (0.92-1.12) | 0.7284 |
|  | Mild res | 1.06 (1-1.13) | 0.0583 |
|  | Low to no res | 1.02 (0.96-1.08) | 0.5208 |
| Pandemic periods w-2 |  |  | **0.0224*1*** |
|  | First wave | 1.17 (1.06-1.29) | **0.0014** |
|  | Strong res | 1.02 (0.92-1.13) | 0.6940 |
|  | Mild res | 1.06 (0.99-1.13) | 0.0991 |
|  | Low to no res | 1.02 (0.96-1.08) | 0.5698 |
| COVID-19 intubation prevalence | Week w | 1.02 (1-1.04) | 0.1160 |
|  | Week w-1 | 1.02 (1-1.04) | 0.1203 |
|  | Week w-2 | 1.01 (0.99-1.04) | 0.2607 |
| **ICU** | | | |
| Pandemic periods w |  |  | **0.0001*1*** |
|  | First wave | 1.33 (1.09-1.62) | **0.0045** |
|  | Strong res | 0.77 (0.62-0.95) | **0.0157** |
|  | Mild res | 1.19 (1.03-1.36) | **0.0167** |
|  | Low to no res | 0.98 (0.86-1.12) | 0.8096 |
| Pandemic periods w-1 |  |  | **0.0000*1*** |
|  | First wave | 1.38 (1.14-1.68) | **0.0010** |
|  | Strong res | 0.76 (0.61-0.93) | **0.0096** |
|  | Mild res | 1.19 (1.03-1.36) | **0.0144** |
|  | Low to no res | 0.98 (0.86-1.11) | 0.7363 |
| Pandemic periods w-2 |  |  | **0.0000*1*** |
|  | First wave | 1.44 (1.18-1.74) | **0.0002** |
|  | Strong res | 0.78 (0.63-0.97) | **0.0253** |
|  | Mild res | 1.17 (1.02-1.34) | **0.0275** |
|  | Low to no res | 1 (0.88-1.13) | 0.9445 |
| COVID-19 intubation prevalence | Week w | 1 (0.95-1.05) | 0.9090 |
|  | Week w-1 | 1.01 (0.96-1.06) | 0.8371 |
|  | Week w-2 | 1.01 (0.96-1.06) | 0.7270 |
| *1*Global p-value | | | |