| 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 prev. | Week w | 1.03 (1.01, 1.06) | **0.0053** |
|  | Week w-1 | 1.03 (1.01, 1.06) | **0.0078** |
|  | Week w-2 | 1.03 (1, 1.05) | **0.0234** |
| **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 |  |  | **<0.0001*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 |  |  | **<0.0001*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 prev. | Week w | 1 (0.95, 1.06) | 0.9368 |
|  | Week w-1 | 1.01 (0.96, 1.06) | 0.7278 |
|  | Week w-2 | 1.01 (0.96, 1.07) | 0.6057 |
| *1*Global p-value | | | |