| ESBL E. coli |  | IRR | p-value |
| --- | --- | --- | --- |
| **Hospital** | | | |
| Pandemic periods w |  |  | **0.0000*1*** |
|  | First wave | 1.08 (1.02-1.15) | **0.0088** |
|  | Strong res | 0.91 (0.85-0.96) | **0.0017** |
|  | Mild res | 0.9 (0.87-0.94) | **0.0000** |
|  | Low to no res | 0.81 (0.79-0.84) | **0.0000** |
| Pandemic periods w-1 |  |  | **0.0000*1*** |
|  | First wave | 1.07 (1-1.13) | **0.0394** |
|  | Strong res | 0.89 (0.84-0.95) | **0.0005** |
|  | Mild res | 0.9 (0.87-0.94) | **0.0000** |
|  | Low to no res | 0.82 (0.79-0.85) | **0.0000** |
| Pandemic periods w-2 |  |  | **0.0000*1*** |
|  | First wave | 1.07 (1-1.14) | **0.0363** |
|  | Strong res | 0.88 (0.83-0.94) | **0.0001** |
|  | Mild res | 0.9 (0.87-0.94) | **0.0000** |
|  | Low to no res | 0.82 (0.79-0.85) | **0.0000** |
| COVID-19 intubation prevalence | Week w | 1 (0.98-1.02) | 0.9494 |
|  | Week w-1 | 1 (0.98-1.02) | 0.9097 |
|  | Week w-2 | 0.99 (0.97-1.01) | 0.4555 |
| **ICU** | | | |
| Pandemic periods w |  |  | **0.0000*1*** |
|  | First wave | 0.95 (0.78-1.16) | 0.6381 |
|  | Strong res | 0.65 (0.53-0.8) | **0.0001** |
|  | Mild res | 0.86 (0.75-0.99) | **0.0373** |
|  | Low to no res | 0.69 (0.61-0.78) | **0.0000** |
| Pandemic periods w-1 |  |  | **0.0000*1*** |
|  | First wave | 1.04 (0.85-1.26) | 0.7204 |
|  | Strong res | 0.65 (0.52-0.8) | **0.0001** |
|  | Mild res | 0.85 (0.74-0.98) | **0.0206** |
|  | Low to no res | 0.71 (0.62-0.81) | **0.0000** |
| Pandemic periods w-2 |  |  | **0.0000*1*** |
|  | First wave | 1.09 (0.89-1.32) | 0.4124 |
|  | Strong res | 0.67 (0.55-0.83) | **0.0003** |
|  | Mild res | 0.8 (0.69-0.92) | **0.0015** |
|  | Low to no res | 0.73 (0.64-0.83) | **0.0000** |
| COVID-19 intubation prevalence | Week w | 0.93 (0.89-0.98) | **0.0131** |
|  | Week w-1 | 0.93 (0.88-0.98) | **0.0108** |
|  | Week w-2 | 0.92 (0.87-0.97) | **0.0032** |
| *1*Global p-value | | | |