| CR P. aeruginosa |  | IRR | p-value |
| --- | --- | --- | --- |
| **Hospital** | | | |
| Pandemic periods w |  |  | **0.0000*1*** |
|  | First wave | 1.39 (1.27-1.52) | **0.0000** |
|  | Strong res | 1.38 (1.26-1.5) | **0.0000** |
|  | Mild res | 1.33 (1.25-1.41) | **0.0000** |
|  | Low to no res | 1.11 (1.05-1.17) | **0.0003** |
| Pandemic periods w-1 |  |  | **0.0000*1*** |
|  | First wave | 1.38 (1.26-1.51) | **0.0000** |
|  | Strong res | 1.44 (1.32-1.57) | **0.0000** |
|  | Mild res | 1.32 (1.24-1.4) | **0.0000** |
|  | Low to no res | 1.11 (1.05-1.17) | **0.0003** |
| Pandemic periods w-2 |  |  | **0.0000*1*** |
|  | First wave | 1.37 (1.25-1.5) | **0.0000** |
|  | Strong res | 1.45 (1.33-1.58) | **0.0000** |
|  | Mild res | 1.31 (1.24-1.39) | **0.0000** |
|  | Low to no res | 1.1 (1.04-1.16) | **0.0006** |
| COVID-19 intubation prevalence | Week w | 1.11 (1.08-1.13) | **0.0000** |
|  | Week w-1 | 1.12 (1.09-1.14) | **0.0000** |
|  | Week w-2 | 1.12 (1.1-1.15) | **0.0000** |
| **ICU** | | | |
| Pandemic periods w |  |  | **0.0000*1*** |
|  | First wave | 1.38 (1.17-1.63) | **0.0002** |
|  | Strong res | 1.43 (1.22-1.68) | **0.0000** |
|  | Mild res | 1.48 (1.32-1.66) | **0.0000** |
|  | Low to no res | 1.2 (1.08-1.34) | **0.0007** |
| Pandemic periods w-1 |  |  | **0.0000*1*** |
|  | First wave | 1.36 (1.15-1.6) | **0.0003** |
|  | Strong res | 1.53 (1.31-1.79) | **0.0000** |
|  | Mild res | 1.47 (1.31-1.64) | **0.0000** |
|  | Low to no res | 1.18 (1.07-1.32) | **0.0017** |
| Pandemic periods w-2 |  |  | **0.0000*1*** |
|  | First wave | 1.43 (1.22-1.68) | **0.0000** |
|  | Strong res | 1.64 (1.41-1.91) | **0.0000** |
|  | Mild res | 1.45 (1.3-1.62) | **0.0000** |
|  | Low to no res | 1.19 (1.07-1.31) | **0.0013** |
| COVID-19 intubation prevalence | Week w | 1.12 (1.08-1.17) | **0.0000** |
|  | Week w-1 | 1.15 (1.1-1.19) | **0.0000** |
|  | Week w-2 | 1.17 (1.13-1.21) | **0.0000** |
| *1*Global p-value | | | |