| CR P. aeruginosa |  | IRR | p-value |
| --- | --- | --- | --- |
| **Hospital** | | | |
| Pandemic periods w |  |  | **<0.001*1*** |
|  | First wave | 1.39 (1.27, 1.52) | **<0.001** |
|  | Strong res | 1.38 (1.26, 1.5) | **<0.001** |
|  | Mild res | 1.33 (1.25, 1.41) | **<0.001** |
|  | Low to no res | 1.11 (1.05, 1.17) | **<0.001** |
| Pandemic periods w-1 |  |  | **<0.001*1*** |
|  | First wave | 1.38 (1.26, 1.51) | **<0.001** |
|  | Strong res | 1.44 (1.32, 1.57) | **<0.001** |
|  | Mild res | 1.32 (1.24, 1.4) | **<0.001** |
|  | Low to no res | 1.11 (1.05, 1.17) | **<0.001** |
| Pandemic periods w-2 |  |  | **<0.001*1*** |
|  | First wave | 1.37 (1.25, 1.5) | **<0.001** |
|  | Strong res | 1.45 (1.33, 1.58) | **<0.001** |
|  | Mild res | 1.31 (1.24, 1.39) | **<0.001** |
|  | Low to no res | 1.1 (1.04, 1.16) | **<0.001** |
| COVID-19 intubation prevalence | Week w | 1.11 (1.08, 1.13) | **<0.001** |
|  | Week w-1 | 1.12 (1.09, 1.14) | **<0.001** |
|  | Week w-2 | 1.12 (1.1, 1.15) | **<0.001** |
| **ICU** | | | |
| Pandemic periods w |  |  | **<0.001*1*** |
|  | First wave | 1.38 (1.17, 1.63) | **<0.001** |
|  | Strong res | 1.43 (1.22, 1.68) | **<0.001** |
|  | Mild res | 1.48 (1.32, 1.66) | **<0.001** |
|  | Low to no res | 1.2 (1.08, 1.34) | **<0.001** |
| Pandemic periods w-1 |  |  | **<0.001*1*** |
|  | First wave | 1.36 (1.15, 1.6) | **<0.001** |
|  | Strong res | 1.53 (1.31, 1.79) | **<0.001** |
|  | Mild res | 1.47 (1.31, 1.64) | **<0.001** |
|  | Low to no res | 1.18 (1.07, 1.32) | **0.002** |
| Pandemic periods w-2 |  |  | **<0.001*1*** |
|  | First wave | 1.43 (1.22, 1.68) | **<0.001** |
|  | Strong res | 1.64 (1.41, 1.91) | **<0.001** |
|  | Mild res | 1.45 (1.3, 1.62) | **<0.001** |
|  | Low to no res | 1.19 (1.07, 1.31) | **0.001** |
| COVID-19 intubation prevalence | Week w | 1.12 (1.08, 1.17) | **<0.001** |
|  | Week w-1 | 1.15 (1.1, 1.19) | **<0.001** |
|  | Week w-2 | 1.17 (1.13, 1.21) | **<0.001** |
| *1*Global p-value | | | |