| MRSA |  | IRR | p-value |
| --- | --- | --- | --- |
| **Hospital** | | | |
| Pandemic periods w |  |  | **<0.001*1*** |
|  | First wave | 0.94 (0.87, 1.02) | 0.12 |
|  | Strong res | 0.82 (0.76, 0.89) | **<0.001** |
|  | Mild res | 0.84 (0.8, 0.88) | **<0.001** |
|  | Low to no res | 0.75 (0.72, 0.79) | **<0.001** |
| Pandemic periods w-1 |  |  | **<0.001*1*** |
|  | First wave | 0.95 (0.88, 1.02) | 0.164 |
|  | Strong res | 0.82 (0.76, 0.88) | **<0.001** |
|  | Mild res | 0.83 (0.8, 0.88) | **<0.001** |
|  | Low to no res | 0.75 (0.72, 0.79) | **<0.001** |
| Pandemic periods w-2 |  |  | **<0.001*1*** |
|  | First wave | 0.96 (0.89, 1.03) | 0.284 |
|  | Strong res | 0.82 (0.76, 0.89) | **<0.001** |
|  | Mild res | 0.84 (0.8, 0.88) | **<0.001** |
|  | Low to no res | 0.75 (0.72, 0.79) | **<0.001** |
| COVID-19 intubation prevalence | Week w | 0.97 (0.94, 0.99) | **0.008** |
|  | Week w-1 | 0.97 (0.95, 1) | **0.027** |
|  | Week w-2 | 0.98 (0.95, 1) | **0.05** |
| **ICU** | | | |
| Pandemic periods w |  |  | **<0.001*1*** |
|  | First wave | 0.64 (0.5, 0.82) | **<0.001** |
|  | Strong res | 0.6 (0.47, 0.75) | **<0.001** |
|  | Mild res | 0.64 (0.55, 0.75) | **<0.001** |
|  | Low to no res | 0.65 (0.57, 0.75) | **<0.001** |
| Pandemic periods w-1 |  |  | **<0.001*1*** |
|  | First wave | 0.63 (0.49, 0.8) | **<0.001** |
|  | Strong res | 0.59 (0.47, 0.75) | **<0.001** |
|  | Mild res | 0.66 (0.57, 0.78) | **<0.001** |
|  | Low to no res | 0.65 (0.56, 0.75) | **<0.001** |
| Pandemic periods w-2 |  |  | **<0.001*1*** |
|  | First wave | 0.64 (0.5, 0.81) | **<0.001** |
|  | Strong res | 0.6 (0.47, 0.76) | **<0.001** |
|  | Mild res | 0.66 (0.56, 0.78) | **<0.001** |
|  | Low to no res | 0.65 (0.57, 0.76) | **<0.001** |
| COVID-19 intubation prevalence | Week w | 0.88 (0.83, 0.94) | **<0.001** |
|  | Week w-1 | 0.88 (0.83, 0.93) | **<0.001** |
|  | Week w-2 | 0.88 (0.82, 0.93) | **<0.001** |
| *1*Global p-value | | | |