| MRSA |  | IRR | p-value |
| --- | --- | --- | --- |
| **Hospital** | | | |
| Pandemic periods w |  |  | **0.0000*1*** |
|  | First wave | 0.94 (0.87-1.02) | 0.1198 |
|  | Strong res | 0.82 (0.76-0.89) | **0.0000** |
|  | Mild res | 0.84 (0.8-0.88) | **0.0000** |
|  | Low to no res | 0.75 (0.72-0.79) | **0.0000** |
| Pandemic periods w-1 |  |  | **0.0000*1*** |
|  | First wave | 0.95 (0.88-1.02) | 0.1641 |
|  | Strong res | 0.82 (0.76-0.88) | **0.0000** |
|  | Mild res | 0.83 (0.8-0.88) | **0.0000** |
|  | Low to no res | 0.75 (0.72-0.79) | **0.0000** |
| Pandemic periods w-2 |  |  | **0.0000*1*** |
|  | First wave | 0.96 (0.89-1.03) | 0.2842 |
|  | Strong res | 0.82 (0.76-0.89) | **0.0000** |
|  | Mild res | 0.84 (0.8-0.88) | **0.0000** |
|  | Low to no res | 0.75 (0.72-0.79) | **0.0000** |
| COVID-19 intubation prevalence | Week w | 0.97 (0.94-0.99) | **0.0080** |
|  | Week w-1 | 0.97 (0.95-1) | **0.0268** |
|  | Week w-2 | 0.98 (0.95-1) | **0.0495** |
| **ICU** | | | |
| Pandemic periods w |  |  | **0.0000*1*** |
|  | First wave | 0.64 (0.5-0.82) | **0.0003** |
|  | Strong res | 0.6 (0.47-0.75) | **0.0000** |
|  | Mild res | 0.64 (0.55-0.75) | **0.0000** |
|  | Low to no res | 0.65 (0.57-0.75) | **0.0000** |
| Pandemic periods w-1 |  |  | **0.0000*1*** |
|  | First wave | 0.63 (0.49-0.8) | **0.0002** |
|  | Strong res | 0.59 (0.47-0.75) | **0.0000** |
|  | Mild res | 0.66 (0.57-0.78) | **0.0000** |
|  | Low to no res | 0.65 (0.56-0.75) | **0.0000** |
| Pandemic periods w-2 |  |  | **0.0000*1*** |
|  | First wave | 0.64 (0.5-0.81) | **0.0004** |
|  | Strong res | 0.6 (0.47-0.76) | **0.0000** |
|  | Mild res | 0.66 (0.56-0.78) | **0.0000** |
|  | Low to no res | 0.65 (0.57-0.76) | **0.0000** |
| COVID-19 intubation prevalence | Week w | 0.88 (0.83-0.94) | **0.0001** |
|  | Week w-1 | 0.88 (0.83-0.93) | **0.0000** |
|  | Week w-2 | 0.88 (0.82-0.93) | **0.0000** |
| *1*Global p-value | | | |