|  | Best model | Overdispersion (95% CI) |
| --- | --- | --- |
| **Hospital** | | |
| CR P. aeruginosa | Covid-19 intubation prevalence w-2 | 214.3 (29-400) |
| ESBL E. cloacae | No Covid-19 variable | 39.1 (24-54) |
| ESBL E. coli | Pandemic periods w | 707.9 (-322-1737) |
| ESBL K. pneumoniae | No Covid-19 variable | 106.2 (58-154) |
| MRSA | Pandemic periods w | 491.9 (-254-1238) |
| **ICU** | | |
| CR P. aeruginosa | Covid-19 intubation prevalence w-2 | 56.3 (15-97) |
| ESBL E. cloacae | No Covid-19 variable | 22.6 (6-40) |
| ESBL E. coli | Pandemic periods w | 24.8 (8-41) |
| ESBL K. pneumoniae | Pandemic periods w | 23.5 (10-37) |
| MRSA | Pandemic periods w | 31.5 (-2-65) |