|  | Best model | Overdispersion (95% CI) |
| --- | --- | --- |
| **Hospital** | | |
| CR P. aeruginosa | Covid-19 intubation prevalence w-2 | 214 (29, 400) |
| ESBL E. cloacae | No Covid-19 variable | 39 (24, 54) |
| ESBL E. coli | Pandemic periods w | 708 (-322, 1737) |
| ESBL K. pneumoniae | No Covid-19 variable | 106 (58, 154) |
| MRSA | Pandemic periods w | 492 (-254, 1238) |
| **ICU** | | |
| CR P. aeruginosa | Covid-19 intubation prevalence w-2 | 56 (15, 97) |
| ESBL E. cloacae | No Covid-19 variable | 23 (6, 40) |
| ESBL E. coli | Pandemic periods w | 25 (8, 41) |
| ESBL K. pneumoniae | Pandemic periods w | 24 (10, 37) |
| MRSA | Pandemic periods w | 31 (-2, 65) |