|  | Best model | Overdispersion (95% CI) |
| --- | --- | --- |
| **Hospital** | | |
| CR P. aeruginosa | Pandemic periods w-1 | 210.9 (31-391) |
| ESBL E. cloacae | No Covid-19 variable | 37.9 (24-52) |
| ESBL E. coli | Pandemic periods w | 693.6 (-300-1687) |
| ESBL K. pneumoniae | No Covid-19 variable | 98.3 (56-141) |
| MRSA | Pandemic periods w-1 | 482.9 (-238-1204) |
| **ICU** | | |
| CR P. aeruginosa | Covid-19 prevalence w-2 | 50.7 (17-85) |
| ESBL E. cloacae | No Covid-19 variable | 20.9 (6-36) |
| ESBL E. coli | Pandemic periods w | 24.5 (8-41) |
| ESBL K. pneumoniae | Pandemic periods w-1 | 23.2 (10-36) |
| MRSA | Pandemic periods w | 31.4 (-2-65) |