|  | Best model | Overdispersion (95% CI) |
| --- | --- | --- |
| **Hospital** | | |
| CR P. aeruginosa | No Covid-19 variable | 20 (0, 40) |
| ESBL E. cloacae | No Covid-19 variable | 18 (1, 36) |
| ESBL E. coli | Pandemic periods w-2 | 364 (-1708, 2437) |
| ESBL K. pneumoniae | Pandemic periods w-2 | 83 (-72, 238) |
| MRSA | Pandemic periods w-1 | 104849 (-2916300, 3125997) |
| **ICU** | | |
| CR P. aeruginosa | No Covid-19 variable | 10051 (-382623, 402725) |
| ESBL E. cloacae | No Covid-19 variable | 8556 (-319299, 336411) |
| ESBL E. coli | Covid-19 prevalence w | 13778 (-407251, 434807) |
| ESBL K. pneumoniae | Pandemic periods w-2 | 19 (-23, 61) |
| MRSA | No Covid-19 variable | 15236 (-378277, 408749) |