|  | Best model | McFadden's $R^{2}$ | Efron's $R^{2}$ | Veall & Zimmermann's $R^{2}$ |
| --- | --- | --- | --- | --- |
| **Hospital** | | | | |
| CR P. aeruginosa | Covid-19 prevalence w-2 | 0.082 | 0.288 | 0.440 |
| ESBL K. pneumoniae | No Covid-19 variable | 0.038 | 0.231 | 0.261 |
| ESBL E. cloacae | No Covid-19 variable | 0.046 | 0.159 | 0.292 |
| ESBL E. coli | Pandemic periods w | 0.078 | 0.633 | 0.440 |
| MRSA | Pandemic periods w | 0.080 | 0.654 | 0.435 |
| **ICU** | | | | |
| CR P. aeruginosa | Covid-19 prevalence w-2 | 0.069 | 0.569 | 0.360 |
| ESBL K. pneumoniae | Pandemic periods w-1 | 0.031 | 0.222 | 0.178 |
| ESBL E. cloacae | No Covid-19 variable | 0.006 | 0.159 | 0.036 |
| ESBL E. coli | Pandemic periods w | 0.034 | 0.203 | 0.190 |
| MRSA | Pandemic periods w | 0.045 | 0.172 | 0.225 |