|  |  |  | **2019 vs 2020** | | | **2019 vs 2021** | | | **2019 vs 2022** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Friedman test p-value | Estimate | 98.3% CI | adjusted p*1* | Estimate | 98.3% CI | adjusted p*1* | Estimate | 98.3% CI | adjusted p*1* |
| Aminoglycosides |  | 0.000 | 0.00 | (-0.2, 0.2) | 1.000 | **-0.31** | (-0.6, -0.1) | 0.004 | **-0.68** | (-1, -0.4) | 0.000 |
| Carbapenems |  | 0.000 | **0.56** | (0.3, 0.8) | 0.000 | **0.44** | (0.2, 0.8) | 0.000 | 0.19 | (-0.1, 0.5) | 0.288 |
|  | Imipenem + Meropenem | 0.000 | **0.47** | (0.2, 0.7) | 0.000 | **0.42** | (0.2, 0.7) | 0.000 | 0.20 | (0, 0.5) | 0.139 |
| Cephalosporins |  | 0.000 | **3.74** | (2.5, 5.2) | 0.000 | **3.39** | (2, 4.9) | 0.000 | **2.56** | (0.9, 4.4) | 0.001 |
| Fosfomycin |  | 0.000 | **0.20** | (0.1, 0.3) | 0.000 | **0.29** | (0.2, 0.4) | 0.000 | **0.39** | (0.3, 0.5) | 0.000 |
| Glycopeptides |  | 0.000 | 0.11 | (-0.1, 0.4) | 0.864 | **-0.31** | (-0.6, 0) | 0.014 | **-0.95** | (-1.4, -0.6) | 0.000 |
|  | Vancomycin | 0.000 | 0.14 | (-0.1, 0.3) | 0.348 | -0.20 | (-0.4, 0) | 0.074 | **-0.79** | (-1.1, -0.5) | 0.000 |
| Lipopeptides |  | 0.000 | **1.60** | (1.1, 2.1) | 0.000 | **2.45** | (1.8, 3.2) | 0.000 | **4.29** | (3.3, 5.5) | 0.000 |
| Macrolides |  | 0.000 | **1.71** | (0.9, 2.6) | 0.000 | -0.47 | (-1.3, 0.4) | 0.609 | -0.85 | (-1.7, 0) | 0.062 |
|  | Azithromycin | 0.000 | **1.30** | (1, 1.7) | 0.000 | **0.61** | (0.4, 0.8) | 0.000 | **0.52** | (0.3, 0.8) | 0.000 |
| Monobactams |  | 0.000 | **0.13** | (0, 0.2) | 0.000 | **0.16** | (0.1, 0.3) | 0.000 | **0.16** | (0.1, 0.3) | 0.000 |
| Oxazolidinones |  | 0.000 | **0.36** | (0.2, 0.6) | 0.000 | **0.37** | (0.2, 0.6) | 0.000 | **0.66** | (0.4, 0.9) | 0.000 |
| Penicillins |  | 0.000 | -2.49 | (-5.2, 0.2) | 0.075 | **-6.39** | (-9.3, -3.4) | 0.000 | -0.80 | (-4.2, 2.5) | 1.000 |
| Polymyxins |  | 0.002 | **0.13** | (0.1, 0.2) | 0.000 | **0.16** | (0.1, 0.3) | 0.000 | 0.03 | (0, 0.1) | 0.816 |
| Quinolones |  | 0.001 | 0.22 | (-0.9, 1.4) | 1.000 | -1.31 | (-2.7, 0.1) | 0.068 | **-1.57** | (-3, -0.1) | 0.030 |
| Tetracyclines |  | 0.002 | 0.29 | (-0.1, 0.7) | 0.214 | 0.39 | (0, 0.8) | 0.057 | **0.48** | (0, 0.9) | 0.040 |
| Trimethoprim*2* |  | 0.001 | **0.44** | (0, 0.9) | 0.031 | 0.42 | (-0.1, 0.9) | 0.146 | **0.70** | (0.2, 1.2) | 0.003 |
| Total |  | 0.001 | **7.50** | (2.7, 12.5) | 0.001 | -0.31 | (-5.9, 5.3) | 1.000 | 5.29 | (-0.8, 11.4) | 0.107 |
| *1*Adjusted p-value with Bonferroni correction | | | | | | | | | | | |
| *2*Corresponds to trimethoprim and combinations of sulfanomides | | | | | | | | | | | |