|  |  |  | **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 |  | 0.001 | -3.97 | (-11.1, 3.4) | 0.639 | -5.42 | (-15.2, 5.1) | 0.636 | **-11.29** | (-19.3, -3) | 0.004 |
| Carbapenems |  | 0.000 | **12.19** | (4.1, 19.4) | 0.001 | **14.42** | (4.5, 23.8) | 0.004 | 10.07 | (-0.9, 20.1) | 0.078 |
|  | Imipenem + Meropenem | 0.000 | **12.52** | (4.7, 19.8) | 0.001 | **15.75** | (6.7, 25.1) | 0.001 | **12.49** | (1.9, 22.4) | 0.018 |
| Cephalosporins |  | 0.011 | **24.54** | (8.2, 38.9) | 0.001 | **19.37** | (0.5, 37.6) | 0.042 | **25.51** | (6.8, 44.4) | 0.003 |
| Fosfomycin |  | 0.351 | -0.03 | (-0.6, 0.5) | 1.000 | -0.03 | (-0.6, 0.4) | 1.000 | -0.35 | (-0.9, 0.1) | 0.223 |
| Glycopeptides |  | 0.002 | 1.12 | (-4, 5.3) | 1.000 | -4.96 | (-10.6, 0.9) | 0.130 | -4.67 | (-10.8, 0.7) | 0.106 |
|  | Vancomycin | 0.002 | 0.74 | (-3.9, 5.1) | 1.000 | -4.28 | (-9.9, 1.1) | 0.166 | -4.61 | (-10.7, 0.8) | 0.115 |
| Lipopeptides |  | 0.000 | **8.77** | (2.4, 15.1) | 0.004 | **7.09** | (0.4, 14.1) | 0.033 | **16.88** | (10.2, 24.2) | 0.000 |
| Macrolides |  | 0.000 | **17.41** | (7.7, 28.9) | 0.000 | -4.16 | (-14, 6.5) | 0.942 | -5.61 | (-14.8, 3.9) | 0.447 |
|  | Azithromycin | 0.000 | **12.69** | (5.8, 20.5) | 0.000 | 0.84 | (-0.5, 2.7) | 0.459 | 1.15 | (-0.3, 2.7) | 0.146 |
| Monobactams |  | 0.008 | **1.03** | (0, 2.3) | 0.040 | 1.29 | (0, 3) | 0.059 | **1.26** | (0.4, 2.2) | 0.003 |
| Oxazolidinones |  | 0.048 | 2.32 | (-2.3, 7.3) | 0.654 | 0.48 | (-4.6, 6.2) | 1.000 | 4.09 | (-1.1, 8.7) | 0.163 |
| Penicillins |  | 0.000 | **-51.15** | (-78, -27.1) | 0.000 | **-69.09** | (-98.1, -39.9) | 0.000 | -10.05 | (-40.6, 19.6) | 1.000 |
| Polymyxins |  | 0.009 | **1.31** | (0, 2.7) | 0.043 | **2.30** | (0.7, 4.7) | 0.003 | 0.34 | (-0.6, 1.6) | 1.000 |
| Quinolones |  | 0.003 | **-14.88** | (-24.4, -5.7) | 0.000 | **-12.68** | (-24.4, -1.6) | 0.024 | **-14.27** | (-26.5, -3.5) | 0.007 |
| Tetracyclines |  | 0.619 | -0.13 | (-2.4, 1.9) | 1.000 | -0.07 | (-2.8, 2.4) | 1.000 | 0.94 | (-1.5, 3.6) | 0.987 |
| Trimethoprim*2* |  | 0.065 | -1.69 | (-6.4, 3.1) | 1.000 | 0.15 | (-5.7, 5.6) | 1.000 | **5.93** | (0.9, 11.9) | 0.017 |
| Total |  | 0.058 | 4.13 | (-40.9, 49.4) | 1.000 | -40.96 | (-105.5, 24.3) | 0.456 | 24.11 | (-29.7, 80.9) | 0.780 |
| *1*Adjusted p-value with Bonferroni correction | | | | | | | | | | | |
| *2*Corresponds to trimethoprim and combinations of sulfanomides | | | | | | | | | | | |