Supplementary material

Table S1. The independent and dependent variables - mean, median and range.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables** | **Mean** | **Median** | **Range** |  |  |
| **Independent** |  |  |  |  |  |
|  Aminoglycoside |  |  |  |  |  |
|  *Finisher Unit Exposure* | 0.0 | 0.0 | 0.0 | - | 0.0 |
|  *Lifetime Exposure* | 16.0 | 9.1 | 0.0 | - |  69,3 |
|  *Herd Exposure* | 43.1 | 12.2 | 0.5 | - | 155.2 |
|  Lincosamide |  |  |  |  |  |
|  *Finisher Unit Exposure* | 11.3 | 3.8 | 0.0 | - | 79.4 |
|  *Lifetime Exposure* | 12.9 | 7.6 | 0.0 | - | 41.3 |
|  *Herd Exposure* | 35.5 | 14.4 | 0.0 | - | 177.2 |
|  Macrolide |  |  |  |  |  |
|  *Finisher Unit Exposure* | 27.2 | 0.0 | 0.0 | - | 98.9 |
|  *Lifetime Exposure* | 57.0 | 51.6 | 4.7 | - | 117.0 |
|  *Herd Exposure* | 160.7 | 86.5 | 10.9 | - | 493.4 |
|  Broad-spectrum penicillin |  |  |  |  |  |
|  *Finisher Unit Exposure* | 9.5 | 0.0 | 0.0 | - | 57.1 |
|  *Lifetime Exposure* | 17.4 | 10.4 | 0.0 | - | 76.2 |
|  *Herd Exposure* | 58.2 | 21.8 | 0.0 | - | 236.5 |
|  Sulfonamide |  |  |  |  |  |
|  *Finisher Unit Exposure* | 0.0 | 0.0 | 0.0 | - | 0.0 |
|  *Lifetime Exposure* | 29.9 | 24.3 | 1.0 | - | 83.1 |
|  *Herd Exposure* | 117.8 | 70.5 | 1.0 | - | 308.2 |
|  Tetracycline |  |  |  |  |  |
|  *Finisher Unit Exposure* | 2.8 | 0.9 | 0.0 | - | 17.2 |
|  *Lifetime Exposure* | 45.0 | 27.8 | 4.4 | - | 106.9 |
|  *Herd Exposure* | 120.5 | 76.9 | 9.33 | - | 502.1 |
|  |  |  |  |  |  |
| **Dependent** |  |  |  |  |  |
|  *Cultivation* |  |  |  |  |  |
|  MacConkey: Ampicillin | 0.2 | 0.1 | 0.0 | - | 0.7 |
|  MacConkey: Tetracycline | 0.4 | 0.3 | 0.1 | - | 0.8 |
|  LB: Tetracycline | 0.4 | 0.4 | 0.1 | - | 0.7 |
|  *Whole community sequencing* |  |  |  |  |  |
|  Aminoglycoside | 19.8 | 18.8 | 12.1 | - | 34.6 |
|  Lincosamide | 62.1 | 60.7 | 40.4 | - | 107.8 |
|  Macrolide | 162.0 | 140.9 | 74.7 | - | 313.7 |
|  Beta-lactam | 64.9 | 59.3 | 31.7 | - | 120.3 |
|  Sulfonamide | 0.6 | 0.4 | 0.1 | - | 1.9 |
|  Tetracycline | 387.3 | 385.6 | 296.9 | - | 475.8 |