**Table 2: Number of multiresistance patterns selected by association-set mining for each year and phenotype subset.** For example, in 2018 ESBL-EC, 52 736 patterns were identified. Cut-off values were set at eSup ≥ 0·257 and cLift ≥ 1·076, meaning that a pattern was retained if it appeared in at least 25·7% of isolates and occurred 7·6% more frequently than expected under the assumption of independence between resistance traits. After pruning, 483 patterns were selected.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Phenotype** | **Year** | **Number of patterns initially generated by the Apriori algorithm** | **eSup**  **cut-off value** | **cLift**  **cut-off value** | **Number of patterns selected after pruning** |
| ESBL | 2018 | 52 736 | 0.257 | 1.076 | 483 |
| 2019 | 86 454 | 0.236 | 1.070 | 1 234 |
| 2020 | 106 625 | 0.242 | 1.073 | 1 268 |
| 2021 | 115 425 | 0.262 | 1.065 | 1 921 |
| 2022 | 123 116 | 0.271 | 1.058 | 1 770 |
| Non-ESBL | 2018 | 2 527 | 0.030 | 1.056 | 59 |
| 2019 | 3 936 | 0.029 | 1.051 | 82 |
| 2020 | 3 756 | 0.030 | 1.052 | 75 |
| 2021 | 4 945 | 0.031 | 1.045 | 88 |
| 2022 | 4 502 | 0.034 | 1.041 | 93 |