AMR data. Rstudio

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###setting the environment  
  
library(tidyverse)

## ── Attaching core tidyverse packages ──────────────────────── tidyverse 2.0.0 ──  
## ✔ dplyr 1.1.4 ✔ readr 2.1.5  
## ✔ forcats 1.0.0 ✔ stringr 1.5.1  
## ✔ ggplot2 3.5.1 ✔ tibble 3.2.1  
## ✔ lubridate 1.9.3 ✔ tidyr 1.3.1  
## ✔ purrr 1.0.2   
## ── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()  
## ℹ Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors

library("dplyr")  
library(readr)  
library(purrr)  
library(reshape2)

##   
## Attaching package: 'reshape2'  
##   
## The following object is masked from 'package:tidyr':  
##   
## smiths

library(ggplot2)  
library(gtsummary)  
library(RColorBrewer)  
library("ppcor")

## Loading required package: MASS  
##   
## Attaching package: 'MASS'  
##   
## The following object is masked from 'package:gtsummary':  
##   
## select  
##   
## The following object is masked from 'package:dplyr':  
##   
## select

library(haven)

amrdata <- read.csv("D:/AMR challenge/Datasets/2024\_05\_28 atlas\_antibiotics.csv")

#First objective is to determine similarities and differences in ESBL producing Isolates across African countries.  
##Filtering the data by countries and phenotype (ESBL)  
filtered <- amrdata %>%   
 filter(Country %in% c("South Africa", "Nigeria", "Cameroon", "Namibia", "Egypt", "Ghana", "Ivory Coast", "Kenya", "Malawi", "Morocco", "Uganda"), Phenotype == "ESBL")  
print(filtered, width = 100)

## Isolate.Id Study Species Family Country State Gender  
## 1 1043173 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 2 1043175 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 3 1043176 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 4 1043177 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 5 1043178 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 6 1043182 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 7 1043183 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 8 1043184 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 9 1043185 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 10 1043187 Inform Enterobacter cloacae Enterobacteriaceae Nigeria Female  
## 11 1043188 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 12 1043189 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 13 1043190 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 14 1043196 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 15 1043202 Inform Morganella morganii Enterobacteriaceae Nigeria Female  
## 16 1043203 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 17 1043205 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 18 1043206 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 19 1043207 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 20 1043210 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 21 1043211 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 22 1043213 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 23 1043214 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 24 1043215 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 25 1043216 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 26 1043217 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 27 1043218 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 28 1043220 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 29 1043222 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 30 1043224 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 31 1043225 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
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## 56 1043256 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 57 1043257 Inform Providencia stuartii Enterobacteriaceae Nigeria Male  
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## 351 1147342 Inform Pseudomonas aeruginosa Non-Enterobacteriaceae Kenya Female  
## 352 1227183 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 353 1227184 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 354 1227189 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 356 1227191 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 357 1227192 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 359 1227196 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 362 1227226 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 363 1227228 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 364 1227229 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 377 1248694 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 378 1248707 Inform Klebsiella oxytoca Enterobacteriaceae South Africa Male  
## 379 1253402 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 380 1253407 TEST Escherichia coli Enterobacteriaceae Morocco   
## 381 1253411 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 382 1253413 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 383 1253414 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 384 1253423 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 385 1253449 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 386 1253450 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 387 1253453 TEST Klebsiella oxytoca Enterobacteriaceae Morocco   
## 388 1253454 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco   
## 389 1253455 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 390 1253456 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 391 1253459 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 392 1253460 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 393 1253461 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco   
## 394 1253463 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 395 1253465 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 396 1253466 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 397 1253471 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 398 1253472 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 399 1285827 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 400 1285837 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 401 1285865 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 402 1285900 Inform Enterobacter cloacae Enterobacteriaceae South Africa Female  
## 403 1285905 Inform Enterobacter cloacae Enterobacteriaceae South Africa Female  
## 404 1285910 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 405 1285913 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 406 1285917 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa   
## 407 1285928 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 408 1285933 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 409 1285937 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 410 1317264 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 411 1317265 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 412 1317271 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 413 1317272 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 414 1317273 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 415 1317278 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 416 1317280 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 417 1317282 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 418 1317286 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 419 1317287 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 420 1317289 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 421 1317294 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 422 1317299 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 423 1317303 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 424 1317348 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 425 1317352 Inform Citrobacter freundii Enterobacteriaceae South Africa Male  
## 426 1317358 Inform Morganella morganii Enterobacteriaceae South Africa Female  
## 427 1317359 Inform Morganella morganii Enterobacteriaceae South Africa Female  
## 428 1317479 Inform Klebsiella aerogenes Enterobacteriaceae South Africa Male  
## 429 1317485 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 430 1317494 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 431 1317499 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 432 1317503 Inform Klebsiella aerogenes Enterobacteriaceae South Africa Female  
## 433 1317504 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 434 1412838 TEST Escherichia coli Enterobacteriaceae South Africa Male  
## 435 1412912 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 436 1412913 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 437 1412915 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 438 1412916 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 439 1412917 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 440 1412921 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 441 1412926 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 442 1424973 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 443 1424985 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 444 1424986 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 445 1424988 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 446 1424989 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 448 1424992 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 449 1424994 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 450 1425030 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 451 1425032 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 452 1425033 Inform Enterobacter cloacae Enterobacteriaceae South Africa Female  
## 453 1425038 Inform Citrobacter freundii Enterobacteriaceae South Africa Male  
## 454 1425094 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 455 1425110 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 456 1425115 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 457 1425116 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 458 1425119 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 459 1425129 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 460 1425137 Inform Citrobacter koseri Enterobacteriaceae South Africa Male  
## 461 1425139 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 462 1429518 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 463 1429530 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 464 1429533 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 465 1429534 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 466 1429535 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 467 1429536 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 468 1429538 Inform Morganella morganii Enterobacteriaceae South Africa Female  
## 469 1429546 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 470 1429548 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 471 1429549 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 472 1429553 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 474 1429560 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 475 1429561 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 476 1429562 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 477 1429588 Inform Klebsiella oxytoca Enterobacteriaceae South Africa Female  
## 478 1429590 Inform Klebsiella oxytoca Enterobacteriaceae South Africa Female  
## 479 1429608 Inform Klebsiella aerogenes Enterobacteriaceae South Africa Male  
## 480 1429654 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 481 1429662 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 482 1429690 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 483 1430720 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 484 1430724 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 485 1430725 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 486 1430726 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 487 1430728 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 488 1430734 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 489 1430736 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 490 1430738 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 491 1430742 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 492 1430749 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 493 1430753 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 494 1430756 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 495 1430759 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 499 1430763 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
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## 505 1430770 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 506 1430771 Inform Klebsiella variicola Enterobacteriaceae South Africa Male  
## 507 1430772 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 508 1430773 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 510 1430776 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 511 1430777 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 515 1430785 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 516 1430826 Inform Klebsiella aerogenes Enterobacteriaceae South Africa Female  
## 517 1430831 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 518 1430836 Inform Citrobacter freundii Enterobacteriaceae South Africa Female  
## 519 1430840 Inform Proteus mirabilis Enterobacteriaceae South Africa Female  
## 520 1430842 Inform Proteus mirabilis Enterobacteriaceae South Africa Female  
## 521 1430939 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 522 1487023 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 523 1487024 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 524 1487054 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 525 1487061 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 526 1487062 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 527 1487063 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 528 1487072 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 529 1487089 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 530 1487093 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 531 1487106 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 532 1487111 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 533 1487114 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 534 1487147 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 535 1487150 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 536 1487153 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 537 1487159 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 538 1487160 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 539 1487169 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 540 1487182 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 541 1487202 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 542 1487207 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 543 1487210 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 544 1487211 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 545 1487213 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 546 1487223 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 547 1487225 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
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## 549 1487229 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 550 1487233 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 551 1487234 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 552 1487240 Inform Klebsiella oxytoca Enterobacteriaceae South Africa Female  
## 553 1487241 Inform Proteus vulgaris Enterobacteriaceae South Africa Male  
## 554 1487250 Inform Klebsiella oxytoca Enterobacteriaceae South Africa Female  
## 555 1487253 Inform Morganella morganii Enterobacteriaceae South Africa Female  
## 556 1487254 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 557 1501753 TEST Escherichia coli Enterobacteriaceae Morocco Male  
## 558 1501755 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 559 1501769 TEST Escherichia coli Enterobacteriaceae Morocco Male  
## 560 1501771 TEST Escherichia coli Enterobacteriaceae Morocco Male  
## 561 1501774 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 562 1501803 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 563 1501804 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 564 1501811 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 565 1501812 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 566 1501815 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 567 1501816 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 568 1501824 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 569 1583079 TEST Escherichia coli Enterobacteriaceae South Africa Male  
## 570 1583080 TEST Escherichia coli Enterobacteriaceae South Africa Female  
## 571 1583103 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 572 1583104 TEST Escherichia coli Enterobacteriaceae South Africa Female  
## 573 1583108 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 574 1583153 TEST Escherichia coli Enterobacteriaceae South Africa Male  
## 575 1583154 TEST Escherichia coli Enterobacteriaceae South Africa Male  
## 576 1583181 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 577 1583182 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 578 1583183 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 579 1583186 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 580 1583187 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 581 1583188 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 582 1583190 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 583 1583191 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 584 1583192 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 585 1597862 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 586 1597873 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 587 1597874 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 588 1597876 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 589 1597877 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 590 1597880 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 591 1597882 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 592 1597883 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 593 1597884 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 594 1598030 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 595 1598039 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 596 1598046 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 597 1598047 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 598 1598048 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 599 1598053 Inform Klebsiella variicola Enterobacteriaceae South Africa Female  
## 600 1598055 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 601 1598057 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 602 1598060 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 603 1598061 Inform Klebsiella variicola Enterobacteriaceae South Africa Male  
## 604 1598066 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 605 1598068 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 606 1598070 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 607 1598106 Inform Klebsiella oxytoca Enterobacteriaceae South Africa Male  
## 608 1598128 Inform Citrobacter freundii Enterobacteriaceae South Africa Female  
## 609 1611693 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 610 1611695 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 611 1611696 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 612 1611701 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 613 1611729 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 614 1611740 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 615 1611745 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 616 1611747 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 617 1611748 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 618 1611750 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 619 1611754 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 620 1611776 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 621 1611793 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 622 1611798 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 623 1611822 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 624 1611826 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 625 1611828 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 626 1611855 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 627 1611857 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 628 1611858 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 629 1611872 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 630 1611889 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 631 1611890 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 632 1611893 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 633 1612828 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 634 1612832 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 635 1612833 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 636 1612835 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 637 1612841 TEST Escherichia coli Enterobacteriaceae Morocco   
## 638 1612842 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 639 1612843 TEST Escherichia coli Enterobacteriaceae Morocco Female  
## 640 1612873 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 641 1612875 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 642 1612879 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 643 1612880 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 644 1612881 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 645 1612885 TEST Klebsiella oxytoca Enterobacteriaceae Morocco Female  
## 646 1612886 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 647 1612887 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 648 1612888 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 649 1612891 TEST Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 650 1614091 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 651 1614101 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 652 1614117 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
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## 654 1614123 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 656 1614133 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 657 1614141 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 658 1614144 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 659 1614149 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 660 1614154 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 662 1614205 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 663 1614211 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 664 1614212 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 665 1614214 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 666 1614220 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 667 1614234 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 668 1614241 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 669 1614244 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 670 1614247 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 671 1614248 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 672 1614255 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 673 1614265 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 674 1614267 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 675 1614270 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 676 1614284 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 677 1614294 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 678 1614300 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 679 1614301 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 680 1614302 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 681 1614330 Inform Klebsiella oxytoca Enterobacteriaceae South Africa Female  
## 682 165383 TEST Escherichia coli Enterobacteriaceae South Africa Female  
## 683 165438 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 684 165439 TEST Klebsiella oxytoca Enterobacteriaceae South Africa Male  
## 685 165583 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 686 165588 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 687 165589 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 688 165591 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 689 165599 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 690 165602 TEST Klebsiella oxytoca Enterobacteriaceae South Africa Male  
## 691 165604 TEST Klebsiella oxytoca Enterobacteriaceae South Africa Male  
## 692 165607 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 693 165612 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 694 165633 TEST Escherichia coli Enterobacteriaceae South Africa Male  
## 695 165722 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 696 165733 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 697 1662393 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 698 1662395 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 699 1662396 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 700 1662397 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 701 1662398 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 702 1662399 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 703 1662400 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 704 1662401 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 705 1662403 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 706 1662404 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 707 1662405 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 708 1662406 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 709 1662408 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 710 1662409 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 711 1662410 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 712 1662411 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 713 1662412 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 714 1662414 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 715 1662415 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 716 1662416 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 717 1662417 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 718 1662418 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 719 1662419 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 720 1662420 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 721 1662422 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 722 1662423 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 723 1662425 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 724 1662428 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 725 1662432 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 726 1662437 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 727 1662438 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 728 1662452 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 729 1662454 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 730 1663167 Inform Providencia stuartii Enterobacteriaceae South Africa Female  
## 731 170362 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 732 170363 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 733 170366 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 734 170370 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 735 170374 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 736 170375 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 737 170379 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 738 170380 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 739 170381 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 740 170383 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## Age.Group Speciality Source In...Out.Patient Year  
## 1 19 to 64 Years Surgery General Wound Inpatient 2013  
## 2 Unknown Surgery General Wound Inpatient 2013  
## 3 19 to 64 Years Surgery General Wound Inpatient 2013  
## 4 19 to 64 Years Medicine General Urine Inpatient 2013  
## 5 Unknown Surgery General Urine Inpatient 2013  
## 6 19 to 64 Years Surgery General None Given Inpatient 2013  
## 7 19 to 64 Years Surgery General Urine Inpatient 2013  
## 8 0 to 2 Years Pediatric General Wound Inpatient 2013  
## 9 19 to 64 Years Medicine General Urine Inpatient 2013  
## 10 0 to 2 Years Pediatric General Skin: Other Inpatient 2013  
## 11 0 to 2 Years Emergency Room Wound Outpatient 2013  
## 12 19 to 64 Years Surgery General Wound Inpatient 2013  
## 13 Unknown Surgery General Skin: Other Inpatient 2013  
## 14 0 to 2 Years Emergency Room Wound Outpatient 2013  
## 15 19 to 64 Years Surgery General Urine Inpatient 2013  
## 16 19 to 64 Years Surgery General Wound Inpatient 2013  
## 17 0 to 2 Years Pediatric General Skin: Other Inpatient 2013  
## 18 Unknown Surgery General Wound Inpatient 2013  
## 19 19 to 64 Years Surgery ICU None Given Inpatient 2013  
## 20 19 to 64 Years Surgery General Wound Inpatient 2013  
## 21 19 to 64 Years Surgery General Wound Inpatient 2013  
## 22 19 to 64 Years General Unspecified ICU Urine Inpatient 2013  
## 23 19 to 64 Years Medicine General Urine Inpatient 2013  
## 24 19 to 64 Years General Unspecified ICU Wound Inpatient 2013  
## 25 19 to 64 Years None Given Wound None Given 2013  
## 26 65 to 84 Years Medicine General Wound Inpatient 2013  
## 27 19 to 64 Years Surgery General Wound Inpatient 2013  
## 28 Unknown Medicine General Wound Inpatient 2013  
## 29 19 to 64 Years Medicine General Urine Inpatient 2013  
## 30 65 to 84 Years Medicine General Wound Inpatient 2013  
## 31 Unknown Medicine General Wound Inpatient 2013  
## 32 65 to 84 Years General Unspecified ICU Skin: Other Inpatient 2013  
## 33 19 to 64 Years Surgery General Wound Inpatient 2013  
## 34 19 to 64 Years Medicine General Urine Inpatient 2013  
## 35 19 to 64 Years Surgery General Urine Inpatient 2013  
## 36 19 to 64 Years Surgery General Urine Inpatient 2013  
## 37 Unknown Surgery General Urine Inpatient 2013  
## 38 19 to 64 Years Medicine General Urine Inpatient 2013  
## 39 19 to 64 Years Surgery General Urine Inpatient 2013  
## 40 19 to 64 Years Surgery General Wound Inpatient 2013  
## 41 65 to 84 Years Medicine General Skin: Other Inpatient 2013  
## 42 19 to 64 Years Other Urine None Given 2013  
## 43 Unknown Medicine General Urine Inpatient 2013  
## 44 0 to 2 Years Emergency Room Wound Outpatient 2013  
## 45 19 to 64 Years Medicine General Wound Inpatient 2013  
## 46 19 to 64 Years Surgery General Wound Inpatient 2013  
## 47 19 to 64 Years Surgery General Wound Inpatient 2013  
## 48 19 to 64 Years Surgery General Wound Inpatient 2013  
## 49 0 to 2 Years Emergency Room Wound Outpatient 2013  
## 50 19 to 64 Years Medicine General Sputum Inpatient 2013  
## 51 19 to 64 Years Medicine General Sputum Inpatient 2013  
## 52 Unknown Medicine General Sputum Inpatient 2013  
## 53 0 to 2 Years Other Wound None Given 2013  
## 54 19 to 64 Years None Given None Given None Given 2013  
## 55 Unknown Surgery General Wound Inpatient 2013  
## 56 3 to 12 Years Pediatric General Peritoneal Fluid Inpatient 2013  
## 57 0 to 2 Years None Given Wound None Given 2013  
## 58 19 to 64 Years Medicine General Urine Inpatient 2013  
## 59 65 to 84 Years Medicine General Wound Inpatient 2013  
## 60 19 to 64 Years Medicine ICU Wound Inpatient 2013  
## 61 19 to 64 Years Medicine General Skin: Other Inpatient 2013  
## 62 19 to 64 Years Medicine General Wound Inpatient 2013  
## 63 3 to 12 Years Pediatric General Urine Inpatient 2013  
## 64 85 and Over Medicine ICU Endotracheal aspirate Inpatient 2013  
## 65 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2013  
## 66 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2013  
## 67 65 to 84 Years Medicine General Gastric Abscess Inpatient 2013  
## 68 19 to 64 Years Medicine General Urine Inpatient 2013  
## 69 19 to 64 Years Medicine General Urine Inpatient 2013  
## 70 19 to 64 Years Medicine General Urine Inpatient 2013  
## 71 19 to 64 Years Medicine General Urine Inpatient 2013  
## 72 65 to 84 Years General Unspecified ICU Urine Inpatient 2013  
## 73 19 to 64 Years Medicine General Wound Inpatient 2013  
## 74 19 to 64 Years Medicine General Skin: Other Inpatient 2013  
## 75 19 to 64 Years General Unspecified ICU Skin: Other Inpatient 2013  
## 76 65 to 84 Years Medicine General Wound Inpatient 2013  
## 77 0 to 2 Years Pediatric General Wound Inpatient 2013  
## 78 0 to 2 Years Pediatric ICU Wound Inpatient 2013  
## 79 65 to 84 Years Medicine ICU Skin: Other Inpatient 2013  
## 80 19 to 64 Years None Given Skin: Other None Given 2013  
## 81 65 to 84 Years Medicine General Wound Inpatient 2013  
## 82 19 to 64 Years None Given Respiratory: Other None Given 2013  
## 83 65 to 84 Years Surgery General Intestinal: Other Inpatient 2013  
## 84 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2013  
## 85 19 to 64 Years Medicine General Wound Inpatient 2013  
## 86 19 to 64 Years Medicine General Intestinal: Other Inpatient 2013  
## 87 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2013  
## 88 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2013  
## 89 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2013  
## 90 0 to 2 Years Pediatric General Urine Inpatient 2013  
## 91 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2013  
## 92 3 to 12 Years Pediatric General Urine Inpatient 2013  
## 93 85 and Over Medicine General Urine Inpatient 2013  
## 94 3 to 12 Years Pediatric General Urine Inpatient 2013  
## 95 65 to 84 Years Medicine General Skin: Other Inpatient 2013  
## 96 19 to 64 Years Medicine General Urine Inpatient 2013  
## 97 19 to 64 Years Surgery General Wound Inpatient 2013  
## 98 19 to 64 Years Medicine General Wound Inpatient 2013  
## 99 65 to 84 Years Surgery General Intestinal: Other Inpatient 2013  
## 100 65 to 84 Years Surgery General Abscess Inpatient 2013  
## 101 65 to 84 Years Surgery ICU Respiratory: Other Inpatient 2013  
## 102 65 to 84 Years None Given Urine None Given 2014  
## 103 19 to 64 Years None Given Appendix None Given 2014  
## 104 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2014  
## 105 19 to 64 Years Medicine General Urine Inpatient 2014  
## 106 65 to 84 Years Medicine General Endotracheal aspirate Inpatient 2014  
## 107 65 to 84 Years Medicine ICU Sputum Inpatient 2014  
## 108 19 to 64 Years Medicine General Wound Inpatient 2014  
## 109 65 to 84 Years Medicine ICU Abscess Inpatient 2014  
## 110 65 to 84 Years Medicine General Sputum Inpatient 2014  
## 111 65 to 84 Years Medicine ICU Urine Inpatient 2014  
## 112 19 to 64 Years Medicine ICU Wound Inpatient 2014  
## 113 65 to 84 Years Medicine General Wound Inpatient 2014  
## 114 0 to 2 Years Medicine General Wound Inpatient 2014  
## 115 65 to 84 Years Medicine ICU Sputum Inpatient 2014  
## 116 0 to 2 Years Pediatric General Sputum Inpatient 2014  
## 117 65 to 84 Years Medicine ICU Endotracheal aspirate Inpatient 2014  
## 118 0 to 2 Years Pediatric General Urine Inpatient 2014  
## 119 19 to 64 Years Medicine General Urine Inpatient 2014  
## 120 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014  
## 121 19 to 64 Years Medicine General Wound Inpatient 2014  
## 122 13 to 18 Years Medicine General Abscess Inpatient 2014  
## 123 19 to 64 Years Emergency Room Peritoneal Fluid Outpatient 2014  
## 124 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2014  
## 125 0 to 2 Years Medicine General Bladder Inpatient 2014  
## 126 19 to 64 Years Medicine General Sputum Inpatient 2014  
## 127 19 to 64 Years Surgery General Wound Inpatient 2014  
## 128 19 to 64 Years Medicine General Blood Inpatient 2014  
## 129 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2014  
## 130 3 to 12 Years Pediatric General Wound Inpatient 2014  
## 131 19 to 64 Years Medicine General Wound Inpatient 2014  
## 132 13 to 18 Years Medicine General Peritoneal Fluid Inpatient 2014  
## 133 19 to 64 Years Medicine General Abscess Inpatient 2014  
## 134 19 to 64 Years Medicine General Wound Inpatient 2014  
## 135 19 to 64 Years Surgery ICU Peritoneal Fluid Inpatient 2014  
## 136 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014  
## 137 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2014  
## 138 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014  
## 139 19 to 64 Years General Unspecified ICU Peritoneal Fluid Inpatient 2014  
## 140 19 to 64 Years Surgery General Abscess Inpatient 2014  
## 141 19 to 64 Years Surgery General Abscess Inpatient 2014  
## 142 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014  
## 143 19 to 64 Years Surgery ICU Abscess Inpatient 2014  
## 144 19 to 64 Years General Unspecified ICU Abscess Inpatient 2014  
## 145 19 to 64 Years Surgery General Wound Inpatient 2014  
## 146 19 to 64 Years Medicine General Sputum Inpatient 2014  
## 147 0 to 2 Years Pediatric General Urine Inpatient 2014  
## 148 65 to 84 Years General Unspecified ICU Urine Inpatient 2014  
## 149 0 to 2 Years Pediatric ICU Urine Inpatient 2014  
## 150 13 to 18 Years Medicine General Urine Inpatient 2014  
## 151 13 to 18 Years Medicine General Urine Inpatient 2014  
## 152 0 to 2 Years Pediatric ICU Urine Inpatient 2014  
## 153 19 to 64 Years General Unspecified ICU Urine Inpatient 2014  
## 154 19 to 64 Years General Unspecified ICU Sputum Inpatient 2014  
## 155 65 to 84 Years Medicine General Urine Inpatient 2014  
## 156 19 to 64 Years Medicine General Urine Inpatient 2014  
## 157 19 to 64 Years Medicine General Wound Inpatient 2014  
## 158 65 to 84 Years Medicine General Wound Inpatient 2014  
## 159 65 to 84 Years Medicine General Wound Inpatient 2014  
## 160 0 to 2 Years Pediatric ICU Sputum Inpatient 2014  
## 161 19 to 64 Years General Unspecified ICU Urine Inpatient 2014  
## 162 19 to 64 Years Medicine General Wound Inpatient 2014  
## 163 19 to 64 Years Medicine General Urine Inpatient 2014  
## 164 19 to 64 Years Medicine General Wound Inpatient 2014  
## 165 65 to 84 Years General Unspecified ICU Sputum Inpatient 2014  
## 166 19 to 64 Years General Unspecified ICU Wound Inpatient 2014  
## 167 19 to 64 Years None Given Wound None Given 2014  
## 168 65 to 84 Years Surgery General Sputum Inpatient 2014  
## 169 0 to 2 Years Pediatric ICU Endotracheal aspirate Inpatient 2014  
## 170 19 to 64 Years Surgery General Wound Inpatient 2014  
## 171 19 to 64 Years Surgery ICU Peritoneal Fluid Inpatient 2014  
## 172 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2014  
## 173 19 to 64 Years Medicine General Wound Inpatient 2014  
## 174 19 to 64 Years General Unspecified ICU Wound Inpatient 2014  
## 175 65 to 84 Years Surgery ICU Blood Inpatient 2014  
## 176 19 to 64 Years Medicine General Colon Inpatient 2014  
## 177 65 to 84 Years Surgery General Gastric Abscess Inpatient 2014  
## 178 19 to 64 Years Surgery ICU Wound Inpatient 2014  
## 179 19 to 64 Years Medicine General Blood Inpatient 2014  
## 180 19 to 64 Years Surgery General Wound Inpatient 2014  
## 181 3 to 12 Years Pediatric General Urine Inpatient 2014  
## 182 65 to 84 Years Surgery General Wound Inpatient 2014  
## 183 19 to 64 Years Emergency Room Wound Outpatient 2014  
## 184 0 to 2 Years Pediatric General Urine Inpatient 2014  
## 185 19 to 64 Years Emergency Room Urine Outpatient 2014  
## 186 19 to 64 Years Medicine General Blood Inpatient 2014  
## 187 65 to 84 Years Medicine ICU Urine Inpatient 2014  
## 188 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2014  
## 189 0 to 2 Years Pediatric ICU Blood Inpatient 2014  
## 190 19 to 64 Years None Given Respiratory: Other None Given 2014  
## 191 19 to 64 Years Surgery ICU Urine Inpatient 2014  
## 192 0 to 2 Years Surgery ICU Wound Inpatient 2014  
## 193 65 to 84 Years Surgery General Abscess Inpatient 2014  
## 194 Unknown Pediatric General Blood Inpatient 2014  
## 195 3 to 12 Years Pediatric General Urine Inpatient 2014  
## 196 65 to 84 Years Medicine ICU Wound Inpatient 2014  
## 197 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2014  
## 198 65 to 84 Years Medicine ICU Sputum Inpatient 2014  
## 199 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2014  
## 200 Unknown Pediatric ICU Intestinal: Other Inpatient 2014  
## 201 85 and Over Medicine ICU Urine Inpatient 2014  
## 202 85 and Over Medicine ICU Respiratory: Other Inpatient 2014  
## 203 65 to 84 Years Medicine ICU Bronchoalveolar lavage Inpatient 2014  
## 204 65 to 84 Years Medicine ICU Blood Inpatient 2014  
## 205 19 to 64 Years Medicine ICU Blood Inpatient 2014  
## 206 Unknown Pediatric ICU Wound Inpatient 2014  
## 207 19 to 64 Years Medicine General Blood Inpatient 2014  
## 208 19 to 64 Years Medicine General Blood Inpatient 2014  
## 209 65 to 84 Years Medicine ICU Urine Inpatient 2014  
## 210 19 to 64 Years Medicine ICU Gastric Abscess Inpatient 2014  
## 211 19 to 64 Years Medicine General Urine Inpatient 2014  
## 212 19 to 64 Years Surgery ICU Blood Inpatient 2014  
## 213 19 to 64 Years Medicine General Urine Inpatient 2014  
## 214 19 to 64 Years Medicine General Respiratory: Other Inpatient 2014  
## 215 19 to 64 Years Surgery General Wound Inpatient 2014  
## 216 19 to 64 Years Medicine ICU Urine Inpatient 2014  
## 217 3 to 12 Years Pediatric General Urine Inpatient 2014  
## 218 19 to 64 Years Medicine General Urine Inpatient 2014  
## 219 3 to 12 Years Pediatric General Wound Inpatient 2014  
## 220 65 to 84 Years Surgery General Bladder Inpatient 2014  
## 221 19 to 64 Years Medicine General Urine Inpatient 2014  
## 222 19 to 64 Years Surgery General Bladder Inpatient 2014  
## 223 19 to 64 Years Surgery General Urine Inpatient 2014  
## 224 19 to 64 Years Surgery General Urine Inpatient 2014  
## 225 19 to 64 Years Surgery General Bladder Inpatient 2014  
## 226 19 to 64 Years Surgery General Urine Inpatient 2014  
## 227 19 to 64 Years Surgery General Urine Inpatient 2014  
## 228 19 to 64 Years Medicine General Urine Inpatient 2014  
## 229 19 to 64 Years Medicine General Bladder Inpatient 2014  
## 230 3 to 12 Years Pediatric General Ulcer Inpatient 2014  
## 231 19 to 64 Years Medicine General Urine Inpatient 2014  
## 232 19 to 64 Years Surgery General Urine Inpatient 2014  
## 233 19 to 64 Years Medicine General Urine Inpatient 2014  
## 234 Unknown Pediatric General Urine Inpatient 2014  
## 235 19 to 64 Years Surgery General Urine Inpatient 2014  
## 236 19 to 64 Years Medicine General Urine Inpatient 2014  
## 237 19 to 64 Years Medicine General Sputum Inpatient 2014  
## 238 65 to 84 Years Medicine General Sputum Inpatient 2014  
## 239 19 to 64 Years Medicine General Abscess Inpatient 2014  
## 240 0 to 2 Years Pediatric General Wound Inpatient 2014  
## 241 65 to 84 Years Medicine General Urine Inpatient 2014  
## 242 19 to 64 Years Surgery General Urine Inpatient 2014  
## 243 19 to 64 Years Surgery General Wound Inpatient 2014  
## 244 19 to 64 Years Surgery General Wound Inpatient 2014  
## 245 19 to 64 Years Emergency Room Sputum Outpatient 2014  
## 246 13 to 18 Years Pediatric General Blood Inpatient 2014  
## 247 19 to 64 Years Medicine General Urine Inpatient 2014  
## 248 19 to 64 Years Surgery General Wound Inpatient 2014  
## 249 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2014  
## 250 19 to 64 Years Pediatric General Wound Inpatient 2014  
## 251 19 to 64 Years Medicine General Urine Inpatient 2014  
## 252 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2014  
## 253 65 to 84 Years Surgery General Wound Inpatient 2014  
## 254 19 to 64 Years Medicine General Sputum Inpatient 2014  
## 255 65 to 84 Years Medicine General Urine Inpatient 2014  
## 256 19 to 64 Years Surgery General Wound Inpatient 2014  
## 257 19 to 64 Years Medicine General Abscess Inpatient 2014  
## 258 65 to 84 Years Medicine General Urine Inpatient 2014  
## 259 19 to 64 Years Surgery General Ulcer Inpatient 2014  
## 260 19 to 64 Years Surgery General Wound Inpatient 2014  
## 261 0 to 2 Years Medicine General Wound Inpatient 2014  
## 262 13 to 18 Years Surgery ICU Endotracheal aspirate Inpatient 2014  
## 263 19 to 64 Years Emergency Room Wound Outpatient 2014  
## 264 19 to 64 Years Emergency Room Urine Outpatient 2014  
## 265 0 to 2 Years Pediatric ICU Blood Inpatient 2014  
## 266 65 to 84 Years Medicine General Urine Inpatient 2014  
## 267 19 to 64 Years Surgery General Urine Inpatient 2014  
## 268 19 to 64 Years Medicine General Thoracentesis Fluid Inpatient 2014  
## 269 19 to 64 Years Surgery General Wound Inpatient 2014  
## 270 19 to 64 Years Emergency Room Thoracentesis Fluid Outpatient 2014  
## 271 19 to 64 Years Surgery General Wound Inpatient 2014  
## 272 65 to 84 Years Surgery General Wound Inpatient 2014  
## 273 19 to 64 Years Medicine General Urine Inpatient 2014  
## 274 19 to 64 Years Surgery ICU Burn Inpatient 2014  
## 275 19 to 64 Years Medicine General Bladder Inpatient 2014  
## 276 0 to 2 Years Pediatric General Carbuncle Inpatient 2014  
## 277 19 to 64 Years Surgery ICU Wound Inpatient 2014  
## 278 65 to 84 Years Surgery General Urine Inpatient 2014  
## 279 19 to 64 Years Surgery ICU Impetiginous lesions Inpatient 2014  
## 280 19 to 64 Years Medicine General Burn Inpatient 2014  
## 281 19 to 64 Years Surgery General Wound Inpatient 2014  
## 282 19 to 64 Years Surgery General Urine Inpatient 2014  
## 283 19 to 64 Years Medicine General Urine Inpatient 2014  
## 284 19 to 64 Years Pediatric ICU Blood Inpatient 2014  
## 285 19 to 64 Years Emergency Room Urine Outpatient 2014  
## 286 65 to 84 Years Medicine General Urine Inpatient 2014  
## 287 19 to 64 Years Surgery General Urine Inpatient 2014  
## 288 65 to 84 Years Emergency Room Urine Outpatient 2014  
## 289 19 to 64 Years Emergency Room Urine Outpatient 2014  
## 290 19 to 64 Years Medicine General Urine Inpatient 2014  
## 291 0 to 2 Years Pediatric ICU Blood Inpatient 2014  
## 292 19 to 64 Years Surgery General Blood Inpatient 2014  
## 293 19 to 64 Years Emergency Room Urine Outpatient 2014  
## 294 0 to 2 Years Surgery General Urine Inpatient 2014  
## 295 19 to 64 Years Medicine General Urine Inpatient 2014  
## 296 19 to 64 Years Medicine General Urine Inpatient 2014  
## 297 19 to 64 Years Medicine General Urine Inpatient 2014  
## 298 19 to 64 Years Medicine General Urine Inpatient 2014  
## 299 19 to 64 Years Emergency Room Urine Outpatient 2014  
## 300 19 to 64 Years Surgery General Urine Inpatient 2014  
## 301 19 to 64 Years Pediatric General Urine Inpatient 2014  
## 302 19 to 64 Years Surgery General Urine Inpatient 2014  
## 303 19 to 64 Years Surgery General Urine Inpatient 2014  
## 304 19 to 64 Years Medicine General Bladder Inpatient 2014  
## 305 19 to 64 Years Medicine General Urine Inpatient 2014  
## 306 19 to 64 Years Surgery General Prostate Inpatient 2014  
## 307 3 to 12 Years Medicine General Urine Inpatient 2014  
## 308 65 to 84 Years Medicine General Prostate Inpatient 2014  
## 309 0 to 2 Years Pediatric General Wound Inpatient 2014  
## 310 19 to 64 Years None Given Wound None Given 2014  
## 311 19 to 64 Years Medicine General Wound Inpatient 2014  
## 312 19 to 64 Years Medicine General Abscess Inpatient 2014  
## 313 19 to 64 Years Surgery General Ulcer Inpatient 2014  
## 314 0 to 2 Years Surgery General Peritoneal Fluid Inpatient 2014  
## 315 0 to 2 Years Surgery General Abscess Inpatient 2014  
## 316 19 to 64 Years Surgery General Abscess Inpatient 2014  
## 317 65 to 84 Years None Given Wound None Given 2014  
## 318 19 to 64 Years Surgery General Cellulitis Inpatient 2014  
## 319 19 to 64 Years Surgery General Burn Inpatient 2014  
## 320 19 to 64 Years Surgery General Wound Inpatient 2014  
## 321 19 to 64 Years Medicine General Abscess Inpatient 2014  
## 322 19 to 64 Years Emergency Room Urine Outpatient 2014  
## 323 85 and Over Surgery General Prostate Inpatient 2014  
## 324 0 to 2 Years Pediatric General Wound Inpatient 2014  
## 325 19 to 64 Years Surgery General Wound Inpatient 2014  
## 326 3 to 12 Years Surgery General Gastric Abscess Inpatient 2014  
## 327 0 to 2 Years Surgery General Skin: Other Inpatient 2014  
## 328 13 to 18 Years Surgery General Wound Inpatient 2014  
## 329 19 to 64 Years General Unspecified ICU Thoracentesis Fluid Inpatient 2014  
## 330 65 to 84 Years Emergency Room Prostate Outpatient 2014  
## 331 19 to 64 Years Medicine General Prostate Inpatient 2014  
## 332 19 to 64 Years Emergency Room Blood Outpatient 2014  
## 333 19 to 64 Years None Given Blood None Given 2014  
## 334 19 to 64 Years Medicine General Sputum Inpatient 2014  
## 335 19 to 64 Years Medicine General Sputum Inpatient 2014  
## 336 19 to 64 Years Medicine General Wound Inpatient 2014  
## 337 0 to 2 Years Pediatric General Peritoneal Fluid Inpatient 2014  
## 338 13 to 18 Years Pediatric General Blood Inpatient 2014  
## 339 65 to 84 Years Medicine General Blood Inpatient 2014  
## 340 19 to 64 Years Medicine General Blood Inpatient 2014  
## 341 19 to 64 Years Medicine General Urethra Inpatient 2014  
## 342 0 to 2 Years Emergency Room Ulcer Outpatient 2014  
## 343 19 to 64 Years Surgery General Skin: Other Inpatient 2014  
## 344 19 to 64 Years Emergency Room Cellulitis Outpatient 2014  
## 345 19 to 64 Years Medicine General Wound Inpatient 2014  
## 346 19 to 64 Years Other Wound None Given 2014  
## 347 19 to 64 Years Other Urine None Given 2014  
## 348 85 and Over Other Urine None Given 2014  
## 349 19 to 64 Years Medicine General Urine Inpatient 2014  
## 350 19 to 64 Years Medicine General Blood Inpatient 2014  
## 351 65 to 84 Years Medicine General Cellulitis Inpatient 2014  
## 352 65 to 84 Years None Given Abdominal Fluid None Given 2015  
## 353 65 to 84 Years None Given Bronchus None Given 2015  
## 354 19 to 64 Years Medicine General Catheters Inpatient 2015  
## 355 19 to 64 Years Medicine General Skin: Other Inpatient 2015  
## 356 65 to 84 Years Medicine General Wound Inpatient 2015  
## 357 65 to 84 Years None Given Drains None Given 2015  
## 358 65 to 84 Years Medicine General Sputum Inpatient 2015  
## 359 19 to 64 Years Medicine ICU Skin: Other Inpatient 2015  
## 360 19 to 64 Years None Given Skin: Other None Given 2015  
## 361 19 to 64 Years Medicine General Sputum Inpatient 2015  
## 362 19 to 64 Years Medicine General Trachea Inpatient 2015  
## 363 19 to 64 Years Medicine General Ulcer Inpatient 2015  
## 364 19 to 64 Years Medicine General Wound Inpatient 2015  
## 365 19 to 64 Years Medicine General Sputum Inpatient 2015  
## 366 19 to 64 Years Medicine General Wound Inpatient 2015  
## 367 19 to 64 Years Medicine General Sputum Inpatient 2015  
## 368 65 to 84 Years General Unspecified ICU Ulcer Inpatient 2015  
## 369 65 to 84 Years Medicine General Sputum Inpatient 2015  
## 370 65 to 84 Years Medicine General Respiratory: Other Inpatient 2015  
## 371 65 to 84 Years Emergency Room Urine Outpatient 2015  
## 372 19 to 64 Years Medicine General Burn Inpatient 2015  
## 373 65 to 84 Years Medicine General Wound Inpatient 2015  
## 374 65 to 84 Years Medicine General Sputum Inpatient 2015  
## 375 65 to 84 Years Medicine General Blood Inpatient 2015  
## 376 65 to 84 Years Other Colon None Given 2015  
## 377 19 to 64 Years Medicine General Abscess Inpatient 2015  
## 378 65 to 84 Years Medicine General Sputum Inpatient 2015  
## 379 19 to 64 Years Surgery ICU Pleural Fluid Inpatient 2015  
## 380 19 to 64 Years Medicine General Urine Inpatient 2015  
## 381 19 to 64 Years Medicine General Urine Inpatient 2015  
## 382 19 to 64 Years Medicine General Blood Inpatient 2015  
## 383 19 to 64 Years Surgery ICU Blood Inpatient 2015  
## 384 19 to 64 Years Medicine General Urine Inpatient 2015  
## 385 0 to 2 Years Pediatric General Blood Inpatient 2015  
## 386 65 to 84 Years Medicine ICU Catheters Inpatient 2015  
## 387 0 to 2 Years Pediatric General Blood Inpatient 2015  
## 388 0 to 2 Years Pediatric General Catheters Inpatient 2015  
## 389 19 to 64 Years Surgery General Urine Inpatient 2015  
## 390 19 to 64 Years Medicine General Urine Inpatient 2015  
## 391 0 to 2 Years Pediatric General Blood Inpatient 2015  
## 392 0 to 2 Years Pediatric General Blood Inpatient 2015  
## 393 0 to 2 Years Pediatric General Blood Inpatient 2015  
## 394 19 to 64 Years Surgery General Urine Inpatient 2015  
## 395 19 to 64 Years Medicine ICU Bronchus Inpatient 2015  
## 396 0 to 2 Years Pediatric General Urine Inpatient 2015  
## 397 3 to 12 Years Surgery ICU Gastric Abscess Inpatient 2015  
## 398 19 to 64 Years Medicine General Urine Inpatient 2015  
## 399 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2015  
## 400 19 to 64 Years Medicine General Sputum Inpatient 2015  
## 401 19 to 64 Years Medicine General Sputum Inpatient 2015  
## 402 13 to 18 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015  
## 403 19 to 64 Years None Given Endotracheal aspirate None Given 2015  
## 404 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015  
## 405 0 to 2 Years Medicine General Endotracheal aspirate Inpatient 2015  
## 406 65 to 84 Years Medicine General Genitourinary: Other Inpatient 2015  
## 407 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2015  
## 408 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2015  
## 409 19 to 64 Years None Given Pancreas None Given 2015  
## 410 19 to 64 Years Surgery ICU Gastric Abscess Inpatient 2015  
## 411 19 to 64 Years Surgery General Intestinal: Other Inpatient 2015  
## 412 19 to 64 Years Medicine General Sputum Inpatient 2015  
## 413 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015  
## 414 19 to 64 Years General Unspecified ICU Sputum Inpatient 2015  
## 415 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015  
## 416 65 to 84 Years General Unspecified ICU Urine Inpatient 2015  
## 417 19 to 64 Years Surgery General Urine Inpatient 2015  
## 418 65 to 84 Years Medicine General Urine Inpatient 2015  
## 419 0 to 2 Years Pediatric General Sputum Inpatient 2015  
## 420 19 to 64 Years General Unspecified ICU Sputum Inpatient 2015  
## 421 19 to 64 Years General Unspecified ICU Sputum Inpatient 2015  
## 422 19 to 64 Years Medicine General Intestinal: Other Inpatient 2015  
## 423 65 to 84 Years Medicine General Intestinal: Other Inpatient 2015  
## 424 85 and Over General Unspecified ICU Urine Inpatient 2015  
## 425 65 to 84 Years General Unspecified ICU Sputum Inpatient 2015  
## 426 19 to 64 Years Medicine General Sputum Inpatient 2015  
## 427 19 to 64 Years Surgery General Intestinal: Other Inpatient 2015  
## 428 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015  
## 429 0 to 2 Years Pediatric ICU Endotracheal aspirate Inpatient 2015  
## 430 19 to 64 Years Medicine General Wound Inpatient 2015  
## 431 65 to 84 Years Medicine ICU Sputum Inpatient 2015  
## 432 19 to 64 Years Medicine General Intestinal: Other Inpatient 2015  
## 433 19 to 64 Years Medicine General Wound Inpatient 2015  
## 434 19 to 64 Years Emergency Room Skin: Other Outpatient 2016  
## 435 65 to 84 Years Medicine General Thoracentesis Fluid Inpatient 2016  
## 436 0 to 2 Years Pediatric General Sputum Inpatient 2015  
## 437 65 to 84 Years Medicine General Tissue Fluid Inpatient 2016  
## 438 65 to 84 Years None Given Wound None Given 2016  
## 439 0 to 2 Years Medicine General Integumentary (Skin Nail Hair) Inpatient 2016  
## 440 65 to 84 Years Medicine General Wound Inpatient 2016  
## 441 85 and Over None Given Sputum None Given 2016  
## 442 19 to 64 Years Emergency Room Wound Outpatient 2016  
## 443 65 to 84 Years Medicine General Thoracentesis Fluid Inpatient 2016  
## 444 0 to 2 Years Pediatric General Sputum Inpatient 2016  
## 445 65 to 84 Years Medicine General Abscess Inpatient 2016  
## 446 65 to 84 Years Medicine General Intestinal: Other Inpatient 2016  
## 447 0 to 2 Years Medicine General Wound Inpatient 2016  
## 448 85 and Over Medicine ICU Sputum Inpatient 2016  
## 449 65 to 84 Years Surgery General Ulcer Inpatient 2016  
## 450 85 and Over Medicine General Sputum Inpatient 2016  
## 451 65 to 84 Years Medicine General Intestinal: Other Inpatient 2016  
## 452 19 to 64 Years Medicine General Ulcer Inpatient 2016  
## 453 19 to 64 Years Surgery General Urine Inpatient 2016  
## 454 19 to 64 Years Other Gastric Abscess None Given 2016  
## 455 65 to 84 Years Medicine General Sputum Inpatient 2016  
## 456 85 and Over Medicine General Sputum Inpatient 2016  
## 457 65 to 84 Years Medicine General Abscess Inpatient 2016  
## 458 19 to 64 Years Medicine General Wound Inpatient 2016  
## 459 65 to 84 Years Medicine General Wound Inpatient 2016  
## 460 65 to 84 Years Surgery General Abscess Inpatient 2016  
## 461 19 to 64 Years Medicine General Wound Inpatient 2016  
## 462 19 to 64 Years Medicine General Wound Inpatient 2016  
## 463 19 to 64 Years Surgery General Abscess Inpatient 2016  
## 464 19 to 64 Years Surgery General Gastric Abscess Inpatient 2016  
## 465 65 to 84 Years Surgery ICU Sputum Inpatient 2016  
## 466 19 to 64 Years Surgery General Stomach Inpatient 2016  
## 467 19 to 64 Years Medicine ICU Intestinal: Other Inpatient 2016  
## 468 65 to 84 Years Surgery General Wound Inpatient 2016  
## 469 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2016  
## 470 0 to 2 Years Pediatric General Wound Inpatient 2016  
## 471 19 to 64 Years Medicine General Sputum Inpatient 2016  
## 472 19 to 64 Years Medicine General Intestinal: Other Inpatient 2016  
## 473 65 to 84 Years Surgery General Wound Inpatient 2016  
## 474 19 to 64 Years Medicine General Sputum Inpatient 2016  
## 475 19 to 64 Years Medicine General Sputum Inpatient 2016  
## 476 19 to 64 Years None Given Intestinal: Other None Given 2016  
## 477 65 to 84 Years Surgery General Wound Inpatient 2016  
## 478 65 to 84 Years Medicine General Cellulitis Inpatient 2016  
## 479 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2016  
## 480 13 to 18 Years Surgery General Intestinal: Other Inpatient 2016  
## 481 19 to 64 Years Surgery General Wound Inpatient 2016  
## 482 19 to 64 Years Medicine General Sputum Inpatient 2016  
## 483 19 to 64 Years Medicine General Urine Inpatient 2016  
## 484 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016  
## 485 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016  
## 486 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016  
## 487 0 to 2 Years Pediatric General Urine Inpatient 2016  
## 488 19 to 64 Years Other Urine None Given 2016  
## 489 0 to 2 Years Pediatric General Urine Inpatient 2016  
## 490 19 to 64 Years Medicine General Urine Inpatient 2016  
## 491 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016  
## 492 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016  
## 493 19 to 64 Years Medicine General Wound Inpatient 2016  
## 494 19 to 64 Years Medicine General Urine Inpatient 2016  
## 495 3 to 12 Years Pediatric General Urine Inpatient 2016  
## 496 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016  
## 497 65 to 84 Years Medicine General Urine Inpatient 2016  
## 498 19 to 64 Years Medicine ICU Wound Inpatient 2016  
## 499 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016  
## 500 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016  
## 501 65 to 84 Years Medicine ICU Endotracheal aspirate Inpatient 2016  
## 502 19 to 64 Years Medicine General Bronchus Inpatient 2016  
## 503 0 to 2 Years Pediatric ICU Blood Inpatient 2016  
## 504 3 to 12 Years Pediatric ICU Endotracheal aspirate Inpatient 2016  
## 505 19 to 64 Years Emergency Room Sputum Outpatient 2016  
## 506 19 to 64 Years Medicine General Sputum Inpatient 2016  
## 507 0 to 2 Years Pediatric ICU Blood Inpatient 2016  
## 508 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2016  
## 509 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016  
## 510 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016  
## 511 19 to 64 Years Medicine General Sputum Inpatient 2016  
## 512 19 to 64 Years Medicine General Sputum Inpatient 2016  
## 513 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2016  
## 514 19 to 64 Years Medicine General Urine Inpatient 2016  
## 515 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2016  
## 516 19 to 64 Years Medicine General Urine Inpatient 2016  
## 517 19 to 64 Years Medicine General Urine Inpatient 2016  
## 518 19 to 64 Years Medicine General Abscess Inpatient 2016  
## 519 19 to 64 Years Medicine General Urine Inpatient 2016  
## 520 19 to 64 Years Other Wound None Given 2016  
## 521 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016  
## 522 65 to 84 Years Medicine General Intestinal: Other Inpatient 2016  
## 523 65 to 84 Years Medicine General Intestinal: Other Inpatient 2016  
## 524 19 to 64 Years General Unspecified ICU Sputum Inpatient 2016  
## 525 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2016  
## 526 19 to 64 Years Medicine General Intestinal: Other Inpatient 2016  
## 527 0 to 2 Years Medicine General Bronchoalveolar lavage Inpatient 2016  
## 528 19 to 64 Years Surgery General Urine Inpatient 2016  
## 529 65 to 84 Years Medicine ICU Bronchoalveolar lavage Inpatient 2016  
## 530 85 and Over Medicine General Sputum Inpatient 2016  
## 531 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2016  
## 532 19 to 64 Years Surgery General Sputum Inpatient 2016  
## 533 19 to 64 Years Surgery General Gastric Abscess Inpatient 2016  
## 534 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016  
## 535 19 to 64 Years Surgery General Sputum Inpatient 2016  
## 536 19 to 64 Years General Unspecified ICU Sputum Inpatient 2016  
## 537 65 to 84 Years Medicine ICU Sputum Inpatient 2016  
## 538 19 to 64 Years Surgery ICU Urine Inpatient 2016  
## 539 19 to 64 Years Medicine ICU Bronchoalveolar lavage Inpatient 2016  
## 540 0 to 2 Years Pediatric General Sputum Inpatient 2016  
## 541 65 to 84 Years Medicine General Urine Inpatient 2016  
## 542 65 to 84 Years Medicine ICU Urine Inpatient 2016  
## 543 85 and Over Medicine General Urine Inpatient 2016  
## 544 19 to 64 Years Medicine General Blood Inpatient 2016  
## 545 19 to 64 Years Medicine General Urine Inpatient 2016  
## 546 19 to 64 Years Surgery General Urine Inpatient 2016  
## 547 65 to 84 Years Medicine General Urine Inpatient 2016  
## 548 65 to 84 Years Medicine General Urine Inpatient 2016  
## 549 65 to 84 Years Emergency Room Urine Outpatient 2016  
## 550 65 to 84 Years Medicine General Urine Inpatient 2016  
## 551 19 to 64 Years Medicine General Urine Inpatient 2016  
## 552 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016  
## 553 19 to 64 Years Medicine General Bronchoalveolar lavage Inpatient 2016  
## 554 19 to 64 Years Medicine General Urine Inpatient 2016  
## 555 65 to 84 Years General Unspecified ICU Gastric Abscess Inpatient 2016  
## 556 65 to 84 Years General Unspecified ICU Urine Inpatient 2016  
## 557 19 to 64 Years Medicine General Urine Inpatient 2016  
## 558 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016  
## 559 19 to 64 Years Surgery General Urine Inpatient 2016  
## 560 65 to 84 Years Medicine ICU Skin Inpatient 2016  
## 561 19 to 64 Years Medicine General Urine Inpatient 2016  
## 562 19 to 64 Years Surgery General Vagina Inpatient 2016  
## 563 19 to 64 Years Medicine ICU Catheters Inpatient 2016  
## 564 13 to 18 Years Surgery General Urine Inpatient 2016  
## 565 0 to 2 Years Emergency Room Urine Outpatient 2016  
## 566 19 to 64 Years Surgery ICU Blood Inpatient 2016  
## 567 0 to 2 Years Pediatric General Blood Inpatient 2016  
## 568 19 to 64 Years Medicine General Vagina Inpatient 2016  
## 569 0 to 2 Years Medicine ICU Eye Inpatient 2017  
## 570 65 to 84 Years Medicine General Skin: Other Inpatient 2017  
## 571 65 to 84 Years Medicine General Skin: Other Inpatient 2017  
## 572 65 to 84 Years Medicine General Skin: Other Inpatient 2017  
## 573 19 to 64 Years Medicine General Blood Inpatient 2017  
## 574 65 to 84 Years Emergency Room Blood Outpatient 2017  
## 575 3 to 12 Years Emergency Room Blood Outpatient 2017  
## 576 65 to 84 Years Medicine General Sputum Inpatient 2017  
## 577 65 to 84 Years Medicine General Urine Inpatient 2017  
## 578 65 to 84 Years Medicine General Urine Inpatient 2017  
## 579 19 to 64 Years Medicine General Urine Inpatient 2017  
## 580 65 to 84 Years Medicine General Blood Inpatient 2017  
## 581 85 and Over Medicine General Blood Inpatient 2017  
## 582 19 to 64 Years Medicine General Abdominal Fluid Inpatient 2017  
## 583 65 to 84 Years Medicine General Skin: Other Inpatient 2017  
## 584 19 to 64 Years Medicine ICU Trachea Inpatient 2017  
## 585 65 to 84 Years Medicine General Abscess 2017  
## 586 65 to 84 Years Emergency Room Blood 2017  
## 587 85 and Over Emergency Room Blood 2017  
## 588 65 to 84 Years Medicine General Wound 2017  
## 589 65 to 84 Years Medicine General Abscess 2017  
## 590 19 to 64 Years Medicine General Blood 2017  
## 591 65 to 84 Years Medicine General Sputum 2017  
## 592 65 to 84 Years Medicine General Blood 2017  
## 593 13 to 18 Years Medicine General Blood 2017  
## 594 65 to 84 Years Surgery General Wound 2017  
## 595 13 to 18 Years Medicine General Intestinal: Other 2017  
## 596 19 to 64 Years Medicine General Intestinal: Other 2017  
## 597 65 to 84 Years Medicine General Ulcer 2017  
## 598 19 to 64 Years General Unspecified ICU Endotracheal aspirate 2017  
## 599 19 to 64 Years General Unspecified ICU Bronchus 2017  
## 600 19 to 64 Years Medicine General Wound 2017  
## 601 65 to 84 Years Medicine General Sputum 2017  
## 602 19 to 64 Years Surgery General Abscess 2017  
## 603 85 and Over Medicine General Sputum 2017  
## 604 19 to 64 Years Surgery General Intestinal: Other 2017  
## 605 65 to 84 Years General Unspecified ICU Blood 2017  
## 606 65 to 84 Years General Unspecified ICU Endotracheal aspirate 2017  
## 607 19 to 64 Years Surgery General Stomach 2017  
## 608 65 to 84 Years Medicine General Blood 2017  
## 609 65 to 84 Years Medicine General Urine 2017  
## 610 19 to 64 Years Surgery General Urine 2017  
## 611 19 to 64 Years Medicine General Urine 2017  
## 612 85 and Over Medicine General Urine 2017  
## 613 65 to 84 Years Surgery ICU Sputum 2017  
## 614 65 to 84 Years General Unspecified ICU Sputum 2017  
## 615 19 to 64 Years Medicine General Sputum 2017  
## 616 65 to 84 Years Medicine General Sputum 2017  
## 617 85 and Over General Unspecified ICU Endotracheal aspirate 2017  
## 618 65 to 84 Years Medicine General Sputum 2017  
## 619 19 to 64 Years Surgery General Sputum 2017  
## 620 19 to 64 Years Medicine General Peritoneal Fluid 2017  
## 621 19 to 64 Years Medicine General Intestinal: Other 2017  
## 622 19 to 64 Years Surgery General Abscess 2017  
## 623 65 to 84 Years Surgery General Intestinal: Other 2017  
## 624 19 to 64 Years Surgery General Cellulitis 2017  
## 625 65 to 84 Years General Unspecified ICU Intestinal: Other 2017  
## 626 19 to 64 Years General Unspecified ICU Intestinal: Other 2017  
## 627 19 to 64 Years Medicine General Wound 2017  
## 628 85 and Over None Given Intestinal: Other 2017  
## 629 19 to 64 Years Surgery General Intestinal: Other 2017  
## 630 65 to 84 Years General Unspecified ICU Cellulitis 2017  
## 631 0 to 2 Years Pediatric General Burn 2017  
## 632 65 to 84 Years Medicine General Wound 2017  
## 633 19 to 64 Years Medicine General Skin Inpatient 2017  
## 634 0 to 2 Years Pediatric General Urine Inpatient 2017  
## 635 19 to 64 Years Surgery General Urine Inpatient 2017  
## 636 19 to 64 Years Surgery General Gastric Abscess Inpatient 2017  
## 637 0 to 2 Years Pediatric General Urine Inpatient 2017  
## 638 65 to 84 Years Medicine General Urine Inpatient 2017  
## 639 65 to 84 Years Surgery General Urine Inpatient 2017  
## 640 65 to 84 Years Surgery ICU Bronchus Inpatient 2017  
## 641 0 to 2 Years Surgery General Urine Inpatient 2017  
## 642 65 to 84 Years Medicine General Urine Inpatient 2017  
## 643 0 to 2 Years Pediatric General Eye Inpatient 2017  
## 644 0 to 2 Years Pediatric ICU Peritoneal Fluid Inpatient 2017  
## 645 19 to 64 Years Surgery General Urine Inpatient 2017  
## 646 0 to 2 Years Pediatric General Trachea Inpatient 2017  
## 647 19 to 64 Years Surgery General Gastric Abscess Inpatient 2017  
## 648 3 to 12 Years Emergency Room Gastric Abscess Outpatient 2017  
## 649 0 to 2 Years Pediatric ICU Urine Inpatient 2017  
## 650 19 to 64 Years General Unspecified ICU Sputum 2017  
## 651 19 to 64 Years General Unspecified ICU Sputum 2017  
## 652 19 to 64 Years Medicine General Intestinal: Other 2017  
## 653 65 to 84 Years Medicine General Endotracheal aspirate 2017  
## 654 19 to 64 Years Surgery General Intestinal: Other 2017  
## 655 85 and Over Surgery General Urine 2017  
## 656 85 and Over Medicine General Urine 2017  
## 657 19 to 64 Years General Unspecified ICU Blood 2017  
## 658 19 to 64 Years General Unspecified ICU Sputum 2017  
## 659 19 to 64 Years Medicine General Urine 2017  
## 660 3 to 12 Years General Unspecified ICU Sputum 2017  
## 661 19 to 64 Years General Unspecified ICU Sputum 2017  
## 662 65 to 84 Years Medicine ICU Endotracheal aspirate 2017  
## 663 65 to 84 Years Medicine ICU Endotracheal aspirate 2017  
## 664 65 to 84 Years Medicine ICU Sputum 2017  
## 665 19 to 64 Years Medicine General Sputum 2017  
## 666 19 to 64 Years Medicine General Urine 2017  
## 667 19 to 64 Years Medicine General Abscess 2017  
## 668 19 to 64 Years Medicine General Urine 2017  
## 669 65 to 84 Years Medicine General Intestinal: Other 2017  
## 670 65 to 84 Years Medicine ICU Endotracheal aspirate 2017  
## 671 19 to 64 Years Medicine General Urine 2017  
## 672 65 to 84 Years General Unspecified ICU Sputum 2017  
## 673 19 to 64 Years Medicine General Urine 2017  
## 674 19 to 64 Years Medicine General Sputum 2017  
## 675 19 to 64 Years Surgery General Abscess 2017  
## 676 0 to 2 Years Medicine ICU Sputum 2017  
## 677 65 to 84 Years Medicine General Urine 2017  
## 678 19 to 64 Years Medicine General Blood 2017  
## 679 19 to 64 Years Medicine General Blood 2017  
## 680 0 to 2 Years Pediatric ICU Blood 2017  
## 681 19 to 64 Years Medicine General Urine 2017  
## 682 19 to 64 Years None Given None Given None Given 2005  
## 683 65 to 84 Years Medicine ICU Gastric Abscess Inpatient 2005  
## 684 19 to 64 Years Surgery ICU Sputum Inpatient 2005  
## 685 65 to 84 Years None Given Skin: Other None Given 2005  
## 686 19 to 64 Years None Given Sputum None Given 2005  
## 687 65 to 84 Years None Given Wound None Given 2005  
## 688 65 to 84 Years Medicine ICU Trachea Inpatient 2005  
## 689 65 to 84 Years Medicine ICU Catheters Inpatient 2005  
## 690 19 to 64 Years None Given Trachea None Given 2005  
## 691 65 to 84 Years None Given Pleural Fluid None Given 2005  
## 692 19 to 64 Years Medicine General Synovial Fluid Inpatient 2005  
## 693 65 to 84 Years Medicine General Catheters Inpatient 2005  
## 694 19 to 64 Years Nursing Home / Rehab Wound Outpatient 2005  
## 695 65 to 84 Years Medicine ICU Catheters Inpatient 2005  
## 696 19 to 64 Years Medicine ICU Catheters Inpatient 2005  
## 697 19 to 64 Years Medicine General Blood 2017  
## 698 Unknown Medicine General Blood 2017  
## 699 Unknown Pediatric ICU Endotracheal aspirate 2017  
## 700 0 to 2 Years Medicine ICU Blood 2017  
## 701 0 to 2 Years General Unspecified ICU Blood 2017  
## 702 Unknown Medicine General Blood 2017  
## 703 Unknown Medicine General Sputum 2017  
## 704 Unknown Medicine General Blood 2017  
## 705 0 to 2 Years Pediatric ICU Blood 2017  
## 706 19 to 64 Years Medicine ICU Endotracheal aspirate 2017  
## 707 0 to 2 Years Pediatric ICU Blood 2017  
## 708 Unknown Medicine General Blood 2017  
## 709 85 and Over Medicine General Blood 2017  
## 710 0 to 2 Years Pediatric ICU Blood 2017  
## 711 0 to 2 Years General Unspecified ICU Blood 2017  
## 712 Unknown Medicine General Blood 2017  
## 713 19 to 64 Years Medicine General Abdominal Fluid 2017  
## 714 0 to 2 Years General Unspecified ICU Blood 2017  
## 715 65 to 84 Years Medicine ICU Endotracheal aspirate 2017  
## 716 19 to 64 Years Medicine General Blood 2017  
## 717 0 to 2 Years General Unspecified ICU Blood 2017  
## 718 0 to 2 Years General Unspecified ICU Blood 2017  
## 719 13 to 18 Years None Given Blood 2017  
## 720 0 to 2 Years General Unspecified ICU Blood 2017  
## 721 Unknown General Unspecified ICU Blood 2017  
## 722 19 to 64 Years Medicine General Blood 2017  
## 723 0 to 2 Years General Unspecified ICU Blood 2017  
## 724 19 to 64 Years Medicine General Blood 2017  
## 725 0 to 2 Years Medicine General Blood 2017  
## 726 19 to 64 Years Medicine General Urine 2017  
## 727 19 to 64 Years Medicine General Peritoneal Fluid 2017  
## 728 19 to 64 Years None Given Blood 2017  
## 729 65 to 84 Years Medicine General Peritoneal Fluid 2017  
## 730 0 to 2 Years None Given Blood 2017  
## 731 Unknown Pediatric ICU Aspirate Inpatient 2005  
## 732 65 to 84 Years Clinic / Office Urine Outpatient 2005  
## 733 19 to 64 Years Medicine General Bladder Inpatient 2005  
## 734 Unknown Medicine ICU Bladder Inpatient 2005  
## 735 19 to 64 Years Emergency Room Catheters Outpatient 2005  
## 736 Unknown Pediatric ICU Catheters Inpatient 2005  
## 737 65 to 84 Years Medicine ICU Aspirate Inpatient 2005  
## 738 19 to 64 Years Emergency Room Aspirate Outpatient 2005  
## 739 19 to 64 Years Medicine ICU Aspirate Inpatient 2005  
## 740 19 to 64 Years Medicine ICU Blood Inpatient 2005  
## Phenotype Amikacin Amikacin\_I Amoxycillin.clavulanate Amoxycillin.clavulanate\_I Ampicillin  
## 1 ESBL 4 Susceptible 16 Intermediate >32  
## 2 ESBL 8 Intermediate >16 Resistant >32  
## 3 ESBL 2 Susceptible 8 Susceptible >32  
## 4 ESBL 4 Susceptible 16 Intermediate >32  
## 5 ESBL 4 Susceptible 8 Susceptible >32  
## 6 ESBL 8 Intermediate 16 Intermediate >32  
## 7 ESBL 8 Intermediate 16 Intermediate >32  
## 8 ESBL 8 Intermediate >16 Resistant >32  
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## 16 ESBL 4 Susceptible 16 Intermediate >32  
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## 360 ESBL 1 Susceptible 8 Susceptible >32  
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## 479 ESBL 4 Susceptible 32 Resistant >32  
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## 653 ESBL 4 Susceptible >32 Resistant >32  
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## 702 ESBL 2 Susceptible 32 Resistant >32  
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## 705 ESBL 4 Susceptible 32 Resistant >32  
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## 707 ESBL 4 Susceptible 32 Resistant >32  
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## 709 ESBL 0.5 Susceptible >32 Resistant >32  
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## 714 ESBL 2 Susceptible >32 Resistant >32  
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## 724 ESBL 1 Susceptible 16 Intermediate >32  
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## 728 ESBL 2 Susceptible 8 Susceptible >32  
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## 739 ESBL 8 Intermediate 32 Resistant >32  
## 740 ESBL 4 Susceptible 16 Intermediate >32  
## Ampicillin\_I Azithromycin Azithromycin\_I Cefepime Cefepime\_I Cefoxitin Cefoxitin\_I  
## 1 Resistant 8 Intermediate   
## 2 Resistant >16 Resistant   
## 3 Resistant 16 Resistant   
## 4 Resistant >16 Resistant   
## 5 Resistant >16 Resistant   
## 6 Resistant >16 Resistant   
## 7 Resistant >16 Resistant   
## 8 Resistant 16 Resistant   
## 9 Resistant >16 Resistant   
## 10 Resistant 16 Resistant   
## 11 Resistant >16 Resistant   
## 12 Resistant >16 Resistant   
## 13 Resistant >16 Resistant   
## 14 Resistant >16 Resistant   
## 15 Resistant 8 Intermediate   
## 16 Resistant >16 Resistant   
## 17 Resistant >16 Resistant   
## 18 Resistant >16 Resistant   
## 19 Resistant >16 Resistant   
## 20 Resistant >16 Resistant   
## 21 Resistant >16 Resistant   
## 22 Resistant >16 Resistant   
## 23 Resistant 8 Intermediate   
## 24 Resistant 16 Resistant   
## 25 Resistant 16 Resistant   
## 26 Resistant 16 Resistant   
## 27 Resistant >16 Resistant   
## 28 Resistant 8 Intermediate   
## 29 Resistant 0.25 Susceptible   
## 30 Resistant 8 Intermediate   
## 31 Resistant >16 Resistant   
## 32 Resistant >16 Resistant   
## 33 Resistant >16 Resistant   
## 34 Resistant >16 Resistant   
## 35 Resistant >16 Resistant   
## 36 Resistant >16 Resistant   
## 37 Resistant >16 Resistant   
## 38 Resistant >16 Resistant   
## 39 Resistant >16 Resistant   
## 40 Resistant >16 Resistant   
## 41 Resistant <=0.12 Susceptible   
## 42 Resistant >16 Resistant   
## 43 Resistant >16 Resistant   
## 44 Resistant 8 Intermediate   
## 45 Resistant >16 Resistant   
## 46 Resistant 16 Resistant   
## 47 Resistant >16 Resistant   
## 48 Resistant >16 Resistant   
## 49 Resistant >16 Resistant   
## 50 Resistant >16 Resistant   
## 51 Resistant 16 Resistant   
## 52 Resistant 16 Resistant   
## 53 Resistant >16 Resistant   
## 54 Resistant >16 Resistant   
## 55 Resistant >16 Resistant   
## 56 Resistant 1 Susceptible   
## 57 Resistant 1 Susceptible   
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## 59 Resistant 16 Resistant   
## 60 Resistant 16 Resistant   
## 61 Resistant >16 Resistant   
## 62 Resistant >16 Resistant   
## 63 Resistant 16 Resistant   
## 64 Resistant >16 Resistant   
## 65 Resistant 8 Intermediate   
## 66 Resistant 8 Intermediate   
## 67 Resistant 16 Resistant   
## 68 Resistant 16 Resistant   
## 69 Resistant >16 Resistant   
## 70 Resistant >16 Resistant   
## 71 Resistant 4 Intermediate   
## 72 Resistant >16 Resistant   
## 73 Resistant >16 Resistant   
## 74 Resistant 8 Intermediate   
## 75 Resistant 16 Resistant   
## 76 Resistant >16 Resistant   
## 77 Resistant 8 Intermediate   
## 78 Resistant 16 Resistant   
## 79 Resistant >16 Resistant   
## 80 Resistant >16 Resistant   
## 81 Resistant >16 Resistant   
## 82 Resistant 1 Susceptible   
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## 84 Resistant >16 Resistant   
## 85 Resistant 16 Resistant   
## 86 Resistant >16 Resistant   
## 87 Resistant 4 Intermediate   
## 88 Resistant 4 Intermediate   
## 89 Resistant >16 Resistant   
## 90 Resistant 8 Intermediate   
## 91 Resistant 16 Resistant   
## 92 Resistant 16 Resistant   
## 93 Resistant 16 Resistant   
## 94 Resistant >16 Resistant   
## 95 Resistant 2 Susceptible   
## 96 Resistant 16 Resistant   
## 97 Resistant 16 Resistant   
## 98 Resistant >16 Resistant   
## 99 Resistant >16 Resistant   
## 100 Resistant >16 Resistant   
## 101 Resistant 16 Resistant   
## 102 Resistant >16 Resistant   
## 103 Resistant 0.25 Susceptible   
## 104 Resistant >16 Resistant   
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## 106 Resistant 1 Susceptible   
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## 109 Resistant 8 Intermediate   
## 110 Resistant >16 Resistant   
## 111 Resistant 1 Susceptible   
## 112 Resistant >16 Resistant   
## 113 Resistant 16 Resistant   
## 114 Resistant >16 Resistant   
## 115 Resistant 16 Resistant   
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## 117 Resistant >16 Resistant   
## 118 Resistant >16 Resistant   
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## 187 0.5 Susceptible   
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## 205 64 Resistant   
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## 207 16 Resistant   
## 208 >128 Resistant   
## 209 >128 Resistant   
## 210 >128 Resistant   
## 211 128 Resistant   
## 212 >128 Resistant   
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## 214 32 Resistant   
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## 216 32 Resistant   
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## 218 128 Resistant   
## 219 32 Resistant   
## 220 >128 Resistant   
## 221 8 Intermediate   
## 222 16 Resistant   
## 223 4 Susceptible   
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## 227 64 Resistant   
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## 229 >128 Resistant   
## 230 32 Resistant   
## 231 0.25 Susceptible   
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## 252 128 Resistant   
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## 261 64 Resistant   
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## 263 32 Resistant   
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## 265 >128 Resistant   
## 266 >128 Resistant   
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## 269 64 Resistant   
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## 389 8 Intermediate >32 Resistant   
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## 400 4 Susceptible   
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## 404 >128 Resistant   
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## 408 8 Intermediate   
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## 477 1 Susceptible 8 Resistant   
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## 490 8 Intermediate >16 Resistant   
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## 495 32 Resistant >16 Resistant   
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## 510 128 Resistant >16 Resistant   
## 511 2 Susceptible 0.5 Susceptible   
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## 521 8 Intermediate >16 Resistant   
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## 528 64 Resistant >16 Resistant   
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## 530 0.25 Susceptible <=0.06 Susceptible   
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## 536 32 Resistant >16 Resistant   
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## 541 128 Resistant >16 Resistant   
## 542 16 Resistant 4 Resistant   
## 543 32 Resistant >16 Resistant   
## 544 64 Resistant >16 Resistant   
## 545 4 Susceptible 16 Resistant   
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## 585 8 Intermediate >16 Resistant   
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## 594 8 Intermediate >16 Resistant   
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## 596 128 Resistant >16 Resistant   
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## 598 64 Resistant >16 Resistant   
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## 610 8 Intermediate >16 Resistant   
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## 627 8 Intermediate >16 Resistant   
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## 629 >128 Resistant >16 Resistant   
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## 631 8 Intermediate >16 Resistant   
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## 634 4 Susceptible >32 Resistant   
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## 647 8 Intermediate >32 Resistant   
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## 655 32 Resistant >16 Resistant   
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## 658 64 Resistant >16 Resistant   
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## 668 64 Resistant >16 Resistant   
## 669 64 Resistant >16 Resistant   
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## 671 1 Susceptible 16 Resistant   
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## 673 64 Resistant >16 Resistant   
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## 676 128 Resistant >16 Resistant   
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## 683 >64 Resistant   
## 684 64 Resistant   
## 685 16 Resistant   
## 686 8 Resistant   
## 687 >64 Resistant   
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## 689 16 Resistant   
## 690 >64 Resistant   
## 691 16 Resistant   
## 692 >64 Resistant   
## 693 2 Intermediate   
## 694 >64 Resistant   
## 695 2 Intermediate   
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## 698 128 Resistant >16 Resistant   
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## 714 32 Resistant >16 Resistant   
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## 730 >128 Resistant >16 Resistant   
## 731 1 Susceptible   
## 732 8 Resistant   
## 733 32 Resistant   
## 734 1 Susceptible   
## 735 >64 Resistant   
## 736 >64 Resistant   
## 737 32 Resistant   
## 738 >64 Resistant   
## 739 >64 Resistant   
## 740 >64 Resistant   
## Clindamycin\_I Erythromycin Erythromycin\_I Imipenem Imipenem\_I Levofloxacin Levofloxacin\_I  
## 1 0.25 Susceptible >4 Resistant  
## 2 0.25 Susceptible >4 Resistant  
## 3 0.25 Susceptible >4 Resistant  
## 4 0.12 Susceptible >4 Resistant  
## 5 0.25 Susceptible >4 Resistant  
## 6 0.25 Susceptible >4 Resistant  
## 7 0.25 Susceptible >4 Resistant  
## 8 1 Susceptible >4 Resistant  
## 9 0.12 Susceptible >4 Resistant  
## 10 0.5 Susceptible 0.5 Susceptible  
## 11 0.25 Susceptible 0.5 Susceptible  
## 12 0.25 Susceptible >4 Resistant  
## 13 0.12 Susceptible >4 Resistant  
## 14 0.25 Susceptible 0.5 Susceptible  
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## 21 0.25 Susceptible >4 Resistant  
## 22 0.5 Susceptible >4 Resistant  
## 23 0.25 Susceptible 0.12 Susceptible  
## 24 0.25 Susceptible >4 Resistant  
## 25 0.25 Susceptible >4 Resistant  
## 26 0.5 Susceptible 1 Intermediate  
## 27 0.25 Susceptible >4 Resistant  
## 28 1 Susceptible 0.5 Susceptible  
## 29 >8 Resistant 0.12 Susceptible  
## 30 >8 Resistant 0.12 Susceptible  
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## 32 4 Resistant >4 Resistant  
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## 36 0.25 Susceptible >4 Resistant  
## 37 0.12 Susceptible >4 Resistant  
## 38 >8 Resistant >4 Resistant  
## 39 2 Intermediate >4 Resistant  
## 40 0.25 Susceptible 0.5 Susceptible  
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## 42 0.25 Susceptible >4 Resistant  
## 43 0.25 Susceptible 0.5 Susceptible  
## 44 0.25 Susceptible >4 Resistant  
## 45 >8 Resistant 2 Resistant  
## 46 0.12 Susceptible >4 Resistant  
## 47 2 Intermediate >4 Resistant  
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## 50 0.5 Susceptible >4 Resistant  
## 51 0.25 Susceptible 1 Intermediate  
## 52 0.25 Susceptible 0.5 Susceptible  
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## 54 0.5 Susceptible >4 Resistant  
## 55 0.25 Susceptible 0.06 Susceptible  
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## 57 4 Resistant >4 Resistant  
## 58 >8 Resistant >4 Resistant  
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## 84 >8 Resistant >4 Resistant  
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## 123 0.12 Susceptible 0.06 Susceptible  
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## 125 0.5 Susceptible 1 Intermediate  
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## 132 0.5 Susceptible >4 Resistant  
## 133 0.5 Susceptible 0.06 Susceptible  
## 134 0.5 Susceptible >4 Resistant  
## 135 0.5 Susceptible >4 Resistant  
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## 137 1 Susceptible 0.12 Susceptible  
## 138 4 Resistant 0.12 Susceptible  
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## 144 0.12 Susceptible >4 Resistant  
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## 146 0.25 Susceptible 1 Intermediate  
## 147 0.25 Susceptible 1 Intermediate  
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## 149 0.25 Susceptible 2 Resistant  
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## 153 0.25 Susceptible >4 Resistant  
## 154 1 Susceptible >4 Resistant  
## 155 0.25 Susceptible >4 Resistant  
## 156 2 Intermediate 0.25 Susceptible  
## 157 0.5 Susceptible 1 Intermediate  
## 158 0.25 Susceptible 0.5 Susceptible  
## 159 8 Resistant 1 Intermediate  
## 160 0.25 Susceptible 0.5 Susceptible  
## 161 0.5 Susceptible 1 Intermediate  
## 162 0.25 Susceptible >4 Resistant  
## 163 4 Resistant 2 Resistant  
## 164 0.5 Susceptible >4 Resistant  
## 165 0.25 Susceptible 1 Intermediate  
## 166 0.12 Susceptible 1 Intermediate  
## 167 0.25 Susceptible 2 Resistant  
## 168 0.25 Susceptible 1 Intermediate  
## 169 0.5 Susceptible 0.5 Susceptible  
## 170 0.5 Susceptible >4 Resistant  
## 171 0.25 Susceptible 0.5 Susceptible  
## 172 0.25 Susceptible 0.06 Susceptible  
## 173 1 Susceptible 0.12 Susceptible  
## 174 0.12 Susceptible 0.06 Susceptible  
## 175 0.25 Susceptible >4 Resistant  
## 176 0.25 Susceptible >4 Resistant  
## 177 0.5 Susceptible >4 Resistant  
## 178 0.25 Susceptible 0.5 Susceptible  
## 179 0.5 Susceptible <=0.03 Susceptible  
## 180 0.12 Susceptible >4 Resistant  
## 181 0.12 Susceptible <=0.03 Susceptible  
## 182 0.25 Susceptible >4 Resistant  
## 183 0.12 Susceptible >4 Resistant  
## 184 1 Susceptible >4 Resistant  
## 185 0.25 Susceptible 0.06 Susceptible  
## 186 0.12 Susceptible >4 Resistant  
## 187 0.25 Susceptible >4 Resistant  
## 188 2 Intermediate 1 Intermediate  
## 189 0.25 Susceptible >4 Resistant  
## 190 >8 Resistant >4 Resistant  
## 191 0.12 Susceptible >4 Resistant  
## 192 0.12 Susceptible 1 Intermediate  
## 193 0.25 Susceptible 0.06 Susceptible  
## 194 8 Resistant >4 Resistant  
## 195 4 Resistant 0.25 Susceptible  
## 196 >8 Resistant >4 Resistant  
## 197 0.12 Susceptible >4 Resistant  
## 198 >8 Resistant >4 Resistant  
## 199 0.5 Susceptible 0.5 Susceptible  
## 200 0.25 Susceptible 0.06 Susceptible  
## 201 0.12 Susceptible >4 Resistant  
## 202 0.25 Susceptible >4 Resistant  
## 203 0.25 Susceptible 1 Intermediate  
## 204 0.25 Susceptible 0.12 Susceptible  
## 205 0.12 Susceptible 0.06 Susceptible  
## 206 0.25 Susceptible 0.06 Susceptible  
## 207 0.25 Susceptible 0.5 Susceptible  
## 208 >8 Resistant >4 Resistant  
## 209 >8 Resistant >4 Resistant  
## 210 1 Susceptible >4 Resistant  
## 211 1 Susceptible 2 Resistant  
## 212 >8 Resistant >4 Resistant  
## 213 >8 Resistant >4 Resistant  
## 214 0.25 Susceptible 0.06 Susceptible  
## 215 0.5 Susceptible 0.06 Susceptible  
## 216 0.5 Susceptible 0.06 Susceptible  
## 217 2 Intermediate 0.06 Susceptible  
## 218 0.5 Susceptible 0.06 Susceptible  
## 219 0.25 Susceptible >4 Resistant  
## 220 0.5 Susceptible >4 Resistant  
## 221 0.25 Susceptible 1 Intermediate  
## 222 0.25 Susceptible 2 Resistant  
## 223 0.25 Susceptible >4 Resistant  
## 224 0.25 Susceptible >4 Resistant  
## 225 0.25 Susceptible >4 Resistant  
## 226 0.25 Susceptible >4 Resistant  
## 227 0.25 Susceptible >4 Resistant  
## 228 0.25 Susceptible >4 Resistant  
## 229 0.25 Susceptible >4 Resistant  
## 230 0.5 Susceptible >4 Resistant  
## 231 0.12 Susceptible 0.06 Susceptible  
## 232 0.25 Susceptible 1 Intermediate  
## 233 4 Resistant >4 Resistant  
## 234 0.25 Susceptible 0.06 Susceptible  
## 235 0.12 Susceptible >4 Resistant  
## 236 0.5 Susceptible 1 Intermediate  
## 237 0.5 Susceptible >4 Resistant  
## 238 >8 Resistant >4 Resistant  
## 239 2 Intermediate >4 Resistant  
## 240 0.25 Susceptible <=0.03 Susceptible  
## 241 0.25 Susceptible 0.5 Susceptible  
## 242 0.12 Susceptible >4 Resistant  
## 243 0.25 Susceptible >4 Resistant  
## 244 0.12 Susceptible >4 Resistant  
## 245 1 Susceptible 0.5 Susceptible  
## 246 0.25 Susceptible 1 Intermediate  
## 247 0.12 Susceptible >4 Resistant  
## 248 0.25 Susceptible >4 Resistant  
## 249 0.12 Susceptible >4 Resistant  
## 250 4 Resistant >4 Resistant  
## 251 0.25 Susceptible >4 Resistant  
## 252 4 Resistant >4 Resistant  
## 253 1 Susceptible >4 Resistant  
## 254 0.25 Susceptible >4 Resistant  
## 255 0.25 Susceptible 0.06 Susceptible  
## 256 0.25 Susceptible 0.5 Susceptible  
## 257 0.25 Susceptible 4 Resistant  
## 258 0.25 Susceptible 0.06 Susceptible  
## 259 0.25 Susceptible >4 Resistant  
## 260 0.25 Susceptible 1 Intermediate  
## 261 0.25 Susceptible 0.5 Susceptible  
## 262 0.5 Susceptible >4 Resistant  
## 263 0.12 Susceptible >4 Resistant  
## 264 0.12 Susceptible >4 Resistant  
## 265 >8 Resistant >4 Resistant  
## 266 0.12 Susceptible >4 Resistant  
## 267 >8 Resistant >4 Resistant  
## 268 0.12 Susceptible >4 Resistant  
## 269 1 Susceptible 2 Resistant  
## 270 0.12 Susceptible 0.5 Susceptible  
## 271 0.25 Susceptible 1 Intermediate  
## 272 0.12 Susceptible >4 Resistant  
## 273 0.25 Susceptible >4 Resistant  
## 274 0.12 Susceptible >4 Resistant  
## 275 0.12 Susceptible >4 Resistant  
## 276 0.5 Susceptible 0.5 Susceptible  
## 277 0.5 Susceptible 4 Resistant  
## 278 0.25 Susceptible >4 Resistant  
## 279 0.25 Susceptible 4 Resistant  
## 280 0.12 Susceptible 1 Intermediate  
## 281 0.25 Susceptible >4 Resistant  
## 282 0.25 Susceptible >4 Resistant  
## 283 0.25 Susceptible >4 Resistant  
## 284 0.25 Susceptible >4 Resistant  
## 285 >8 Resistant 2 Resistant  
## 286 0.12 Susceptible >4 Resistant  
## 287 2 Intermediate >4 Resistant  
## 288 2 Intermediate >4 Resistant  
## 289 0.25 Susceptible >4 Resistant  
## 290 0.12 Susceptible >4 Resistant  
## 291 0.25 Susceptible 1 Intermediate  
## 292 0.5 Susceptible 0.5 Susceptible  
## 293 0.5 Susceptible 0.5 Susceptible  
## 294 0.25 Susceptible 0.5 Susceptible  
## 295 0.25 Susceptible 0.5 Susceptible  
## 296 0.25 Susceptible >4 Resistant  
## 297 >8 Resistant 2 Resistant  
## 298 0.25 Susceptible >4 Resistant  
## 299 0.25 Susceptible >4 Resistant  
## 300 2 Intermediate >4 Resistant  
## 301 8 Resistant 0.5 Susceptible  
## 302 0.25 Susceptible >4 Resistant  
## 303 2 Intermediate >4 Resistant  
## 304 0.25 Susceptible >4 Resistant  
## 305 0.25 Susceptible >4 Resistant  
## 306 0.25 Susceptible >4 Resistant  
## 307 0.5 Susceptible 0.5 Susceptible  
## 308 0.25 Susceptible >4 Resistant  
## 309 8 Resistant >4 Resistant  
## 310 0.25 Susceptible >4 Resistant  
## 311 0.12 Susceptible >4 Resistant  
## 312 >8 Resistant >4 Resistant  
## 313 0.5 Susceptible >4 Resistant  
## 314 0.25 Susceptible >4 Resistant  
## 315 8 Resistant 1 Intermediate  
## 316 0.25 Susceptible >4 Resistant  
## 317 0.25 Susceptible >4 Resistant  
## 318 0.25 Susceptible >4 Resistant  
## 319 0.5 Susceptible 1 Intermediate  
## 320 0.25 Susceptible >4 Resistant  
## 321 0.25 Susceptible >4 Resistant  
## 322 0.25 Susceptible 0.06 Susceptible  
## 323 0.25 Susceptible 0.06 Susceptible  
## 324 0.25 Susceptible 0.06 Susceptible  
## 325 0.25 Susceptible 0.06 Susceptible  
## 326 0.25 Susceptible 0.5 Susceptible  
## 327 0.5 Susceptible 2 Resistant  
## 328 0.25 Susceptible >4 Resistant  
## 329 1 Susceptible >4 Resistant  
## 330 0.12 Susceptible 0.5 Susceptible  
## 331 0.5 Susceptible >4 Resistant  
## 332 0.5 Susceptible 0.5 Susceptible  
## 333 0.12 Susceptible 0.5 Susceptible  
## 334 1 Susceptible 1 Intermediate  
## 335 0.12 Susceptible >4 Resistant  
## 336 0.25 Susceptible >4 Resistant  
## 337 0.5 Susceptible 1 Intermediate  
## 338 0.5 Susceptible 0.5 Susceptible  
## 339 0.25 Susceptible >4 Resistant  
## 340 1 Susceptible 0.5 Susceptible  
## 341 0.25 Susceptible 0.12 Susceptible  
## 342 0.25 Susceptible 0.5 Susceptible  
## 343 0.25 Susceptible >4 Resistant  
## 344 1 Susceptible 1 Intermediate  
## 345 0.25 Susceptible >4 Resistant  
## 346 0.25 Susceptible >4 Resistant  
## 347 0.25 Susceptible >4 Resistant  
## 348 0.12 Susceptible >4 Resistant  
## 349 0.25 Susceptible 1 Intermediate  
## 350 1 Susceptible 2 Resistant  
## 351 >8 Resistant >4 Resistant  
## 352 0.5 Susceptible  
## 353 >8 Resistant  
## 354 1 Intermediate  
## 355 4 Resistant  
## 356 2 Resistant  
## 357 1 Intermediate  
## 358 0.5 Susceptible  
## 359 >8 Resistant  
## 360 0.5 Susceptible  
## 361 2 Resistant  
## 362 1 Intermediate  
## 363 4 Resistant  
## 364 >8 Resistant  
## 365 8 Resistant  
## 366 0.25 Susceptible >8 Resistant  
## 367 0.25 Susceptible >8 Resistant  
## 368 0.5 Susceptible 1 Intermediate  
## 369 2 Intermediate 0.5 Susceptible  
## 370 0.25 Susceptible >8 Resistant  
## 371 0.25 Susceptible >8 Resistant  
## 372 0.25 Susceptible 8 Resistant  
## 373 0.25 Susceptible 1 Intermediate  
## 374 0.12 Susceptible 0.5 Susceptible  
## 375 0.25 Susceptible 0.06 Susceptible  
## 376 0.25 Susceptible 1 Intermediate  
## 377 2 Intermediate 0.12 Susceptible  
## 378 0.5 Susceptible 1 Intermediate  
## 379 >8 Resistant  
## 380 >8 Resistant  
## 381 >8 Resistant  
## 382 >8 Resistant  
## 383 8 Resistant  
## 384 >8 Resistant  
## 385 8 Resistant  
## 386 8 Resistant  
## 387 0.03 Susceptible  
## 388 0.12 Susceptible  
## 389 8 Resistant  
## 390 1 Intermediate  
## 391 0.06 Susceptible  
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## 394 8 Resistant  
## 395 0.5 Susceptible  
## 396 >8 Resistant  
## 397 4 Resistant  
## 398 0.5 Susceptible  
## 399 0.25 Susceptible 0.06 Susceptible  
## 400 0.25 Susceptible 0.06 Susceptible  
## 401 >8 Resistant >8 Resistant  
## 402 1 Susceptible >8 Resistant  
## 403 8 Resistant 2 Resistant  
## 404 8 Resistant 2 Resistant  
## 405 0.5 Susceptible 0.12 Susceptible  
## 406 0.25 Susceptible 1 Intermediate  
## 407 0.25 Susceptible 0.12 Susceptible  
## 408 0.25 Susceptible >8 Resistant  
## 409 0.25 Susceptible 0.12 Susceptible  
## 410 0.25 Susceptible >8 Resistant  
## 411 0.25 Susceptible >8 Resistant  
## 412 0.25 Susceptible 0.06 Susceptible  
## 413 0.25 Susceptible >8 Resistant  
## 414 0.25 Susceptible >8 Resistant  
## 415 0.12 Susceptible >8 Resistant  
## 416 0.5 Susceptible 4 Resistant  
## 417 0.25 Susceptible 1 Intermediate  
## 418 1 Susceptible >8 Resistant  
## 419 0.25 Susceptible 0.06 Susceptible  
## 420 1 Susceptible 1 Intermediate  
## 421 0.5 Susceptible 2 Resistant  
## 422 0.25 Susceptible 1 Intermediate  
## 423 0.25 Susceptible >8 Resistant  
## 424 0.25 Susceptible 1 Intermediate  
## 425 1 Susceptible 0.25 Susceptible  
## 426 4 Resistant 4 Resistant  
## 427 4 Resistant 4 Resistant  
## 428 1 Susceptible 0.06 Susceptible  
## 429 1 Susceptible 0.5 Susceptible  
## 430 0.5 Susceptible 8 Resistant  
## 431 0.25 Susceptible >8 Resistant  
## 432 0.25 Susceptible 0.06 Susceptible  
## 433 >8 Resistant >8 Resistant  
## 434 8 Resistant  
## 435 1 Intermediate  
## 436 0.5 Susceptible  
## 437 8 Resistant  
## 438 1 Intermediate  
## 439 0.06 Susceptible  
## 440 0.06 Susceptible  
## 441 0.5 Susceptible  
## 442 0.12 Susceptible >8 Resistant  
## 443 0.25 Susceptible 1 Intermediate  
## 444 0.12 Susceptible 4 Resistant  
## 445 0.12 Susceptible 8 Resistant  
## 446 0.25 Susceptible 2 Resistant  
## 447 0.25 Susceptible 0.12 Susceptible  
## 448 0.25 Susceptible 0.12 Susceptible  
## 449 0.25 Susceptible 0.12 Susceptible  
## 450 0.25 Susceptible 0.5 Susceptible  
## 451 1 Susceptible 0.5 Susceptible  
## 452 1 Susceptible 0.5 Susceptible  
## 453 1 Susceptible 4 Resistant  
## 454 0.25 Susceptible >8 Resistant  
## 455 0.25 Susceptible 1 Intermediate  
## 456 0.25 Susceptible 1 Intermediate  
## 457 0.5 Susceptible 1 Intermediate  
## 458 0.25 Susceptible 1 Intermediate  
## 459 0.25 Susceptible >8 Resistant  
## 460 0.12 Susceptible 1 Intermediate  
## 461 0.25 Susceptible 1 Intermediate  
## 462 0.25 Susceptible 0.06 Susceptible  
## 463 0.12 Susceptible >8 Resistant  
## 464 0.25 Susceptible >8 Resistant  
## 465 0.25 Susceptible >8 Resistant  
## 466 0.25 Susceptible >8 Resistant  
## 467 0.5 Susceptible >8 Resistant  
## 468 2 Intermediate 0.12 Susceptible  
## 469 0.25 Susceptible 1 Intermediate  
## 470 0.25 Susceptible 1 Intermediate  
## 471 0.25 Susceptible 1 Intermediate  
## 472 0.25 Susceptible 4 Resistant  
## 473 0.25 Susceptible 1 Intermediate  
## 474 0.25 Susceptible 0.12 Susceptible  
## 475 0.12 Susceptible 1 Intermediate  
## 476 0.25 Susceptible 1 Intermediate  
## 477 0.12 Susceptible >8 Resistant  
## 478 0.25 Susceptible 0.5 Susceptible  
## 479 0.5 Susceptible 0.06 Susceptible  
## 480 0.25 Susceptible 1 Intermediate  
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## 484 0.25 Susceptible 0.5 Susceptible  
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## 486 0.25 Susceptible >8 Resistant  
## 487 0.25 Susceptible 0.06 Susceptible  
## 488 0.12 Susceptible >8 Resistant  
## 489 0.25 Susceptible >8 Resistant  
## 490 0.12 Susceptible >8 Resistant  
## 491 0.12 Susceptible 0.25 Susceptible  
## 492 0.25 Susceptible 0.06 Susceptible  
## 493 4 Resistant 0.5 Susceptible  
## 494 0.25 Susceptible >8 Resistant  
## 495 0.25 Susceptible 0.5 Susceptible  
## 496 2 Intermediate 1 Intermediate  
## 497 2 Intermediate 8 Resistant  
## 498 0.5 Susceptible 1 Intermediate  
## 499 1 Susceptible 1 Intermediate  
## 500 4 Resistant 1 Intermediate  
## 501 2 Intermediate 1 Intermediate  
## 502 1 Susceptible 1 Intermediate  
## 503 0.25 Susceptible 0.5 Susceptible  
## 504 1 Susceptible 0.12 Susceptible  
## 505 0.5 Susceptible 2 Resistant  
## 506 0.5 Susceptible 1 Intermediate  
## 507 0.25 Susceptible 0.5 Susceptible  
## 508 0.5 Susceptible 0.12 Susceptible  
## 509 4 Resistant 0.5 Susceptible  
## 510 2 Intermediate 0.5 Susceptible  
## 511 1 Susceptible 1 Intermediate  
## 512 0.25 Susceptible 0.12 Susceptible  
## 513 0.5 Susceptible 2 Resistant  
## 514 0.5 Susceptible 0.03 Susceptible  
## 515 0.5 Susceptible 0.5 Susceptible  
## 516 1 Susceptible 0.06 Susceptible  
## 517 4 Resistant >8 Resistant  
## 518 0.5 Susceptible 0.06 Susceptible  
## 519 2 Intermediate >8 Resistant  
## 520 1 Susceptible >8 Resistant  
## 521 0.12 Susceptible >8 Resistant  
## 522 1 Susceptible 2 Resistant  
## 523 0.5 Susceptible 1 Intermediate  
## 524 0.25 Susceptible >8 Resistant  
## 525 0.12 Susceptible 8 Resistant  
## 526 0.25 Susceptible 0.5 Susceptible  
## 527 0.12 Susceptible 1 Intermediate  
## 528 0.25 Susceptible >8 Resistant  
## 529 1 Susceptible >8 Resistant  
## 530 0.25 Susceptible 0.25 Susceptible  
## 531 0.12 Susceptible >8 Resistant  
## 532 1 Susceptible 1 Intermediate  
## 533 0.25 Susceptible 1 Intermediate  
## 534 0.25 Susceptible 8 Resistant  
## 535 0.12 Susceptible >8 Resistant  
## 536 0.12 Susceptible 0.12 Susceptible  
## 537 1 Susceptible >8 Resistant  
## 538 0.12 Susceptible 1 Intermediate  
## 539 0.5 Susceptible 0.06 Susceptible  
## 540 0.12 Susceptible 1 Intermediate  
## 541 0.5 Susceptible >8 Resistant  
## 542 1 Susceptible >8 Resistant  
## 543 2 Intermediate >8 Resistant  
## 544 >8 Resistant >8 Resistant  
## 545 0.12 Susceptible >8 Resistant  
## 546 0.12 Susceptible 1 Intermediate  
## 547 0.12 Susceptible 0.5 Susceptible  
## 548 0.25 Susceptible 0.25 Susceptible  
## 549 0.12 Susceptible >8 Resistant  
## 550 0.12 Susceptible >8 Resistant  
## 551 0.12 Susceptible 8 Resistant  
## 552 0.5 Susceptible 1 Intermediate  
## 553 4 Resistant 0.25 Susceptible  
## 554 0.25 Susceptible >8 Resistant  
## 555 1 Susceptible 1 Intermediate  
## 556 1 Susceptible >8 Resistant  
## 557 8 Resistant  
## 558 >8 Resistant  
## 559 >8 Resistant  
## 560 8 Resistant  
## 561 8 Resistant  
## 562 8 Resistant  
## 563 >8 Resistant  
## 564 4 Resistant  
## 565 1 Intermediate  
## 566 0.5 Susceptible  
## 567 0.06 Susceptible  
## 568 8 Resistant  
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## 570 8 Resistant  
## 571 8 Resistant  
## 572 8 Resistant  
## 573 4 Resistant  
## 574 >8 Resistant  
## 575 8 Resistant  
## 576 0.5 Susceptible  
## 577 >8 Resistant  
## 578 0.5 Susceptible  
## 579 2 Resistant  
## 580 0.03 Susceptible  
## 581 >8 Resistant  
## 582 >8 Resistant  
## 583 8 Resistant  
## 584 4 Resistant  
## 585 0.25 Susceptible >8 Resistant  
## 586 0.25 Susceptible >8 Resistant  
## 587 0.12 Susceptible >8 Resistant  
## 588 0.12 Susceptible 8 Resistant  
## 589 0.12 Susceptible >8 Resistant  
## 590 0.06 Susceptible 4 Resistant  
## 591 0.12 Susceptible 0.5 Susceptible  
## 592 0.12 Susceptible 0.06 Susceptible  
## 593 0.5 Susceptible >8 Resistant  
## 594 0.12 Susceptible >8 Resistant  
## 595 0.12 Susceptible >8 Resistant  
## 596 8 Resistant >8 Resistant  
## 597 0.12 Susceptible >8 Resistant  
## 598 0.12 Susceptible 4 Resistant  
## 599 0.25 Susceptible 1 Intermediate  
## 600 0.12 Susceptible >8 Resistant  
## 601 0.25 Susceptible >8 Resistant  
## 602 0.25 Susceptible 1 Intermediate  
## 603 0.25 Susceptible 0.5 Susceptible  
## 604 0.12 Susceptible >8 Resistant  
## 605 0.25 Susceptible >8 Resistant  
## 606 0.25 Susceptible >8 Resistant  
## 607 0.25 Susceptible <=0.03 Susceptible  
## 608 8 Resistant >8 Resistant  
## 609 0.25 Susceptible >8 Resistant  
## 610 0.12 Susceptible >8 Resistant  
## 611 0.12 Susceptible >8 Resistant  
## 612 0.25 Susceptible 8 Resistant  
## 613 0.25 Susceptible 1 Intermediate  
## 614 0.12 Susceptible >8 Resistant  
## 615 0.12 Susceptible >8 Resistant  
## 616 0.12 Susceptible 0.5 Susceptible  
## 617 0.12 Susceptible 0.5 Susceptible  
## 618 0.12 Susceptible >8 Resistant  
## 619 0.25 Susceptible 0.5 Susceptible  
## 620 0.25 Susceptible 0.5 Susceptible  
## 621 0.12 Susceptible 8 Resistant  
## 622 0.12 Susceptible 8 Resistant  
## 623 0.12 Susceptible 8 Resistant  
## 624 0.12 Susceptible 0.5 Susceptible  
## 625 0.12 Susceptible 8 Resistant  
## 626 0.12 Susceptible >8 Resistant  
## 627 0.12 Susceptible >8 Resistant  
## 628 0.25 Susceptible >8 Resistant  
## 629 0.25 Susceptible 0.5 Susceptible  
## 630 0.12 Susceptible 1 Intermediate  
## 631 0.12 Susceptible 0.5 Susceptible  
## 632 0.12 Susceptible 0.5 Susceptible  
## 633 >8 Resistant  
## 634 0.5 Susceptible  
## 635 >8 Resistant  
## 636 >8 Resistant  
## 637 0.5 Susceptible  
## 638 8 Resistant  
## 639 >8 Resistant  
## 640 2 Resistant  
## 641 4 Resistant  
## 642 8 Resistant  
## 643 0.03 Susceptible  
## 644 0.5 Susceptible  
## 645 0.5 Susceptible  
## 646 2 Resistant  
## 647 0.03 Susceptible  
## 648 0.12 Susceptible  
## 649 0.25 Susceptible  
## 650 2 Intermediate >8 Resistant  
## 651 4 Resistant >8 Resistant  
## 652 >8 Resistant >8 Resistant  
## 653 1 Susceptible 2 Resistant  
## 654 >8 Resistant >8 Resistant  
## 655 2 Intermediate 1 Intermediate  
## 656 0.12 Susceptible 0.25 Susceptible  
## 657 0.12 Susceptible 0.5 Susceptible  
## 658 >8 Resistant >8 Resistant  
## 659 0.12 Susceptible 0.5 Susceptible  
## 660 1 Susceptible 1 Intermediate  
## 661 1 Susceptible >8 Resistant  
## 662 0.12 Susceptible >8 Resistant  
## 663 2 Intermediate >8 Resistant  
## 664 4 Resistant >8 Resistant  
## 665 0.12 Susceptible >8 Resistant  
## 666 0.12 Susceptible 0.5 Susceptible  
## 667 0.25 Susceptible 1 Intermediate  
## 668 0.12 Susceptible >8 Resistant  
## 669 0.25 Susceptible 1 Intermediate  
## 670 0.12 Susceptible 8 Resistant  
## 671 0.12 Susceptible >8 Resistant  
## 672 4 Resistant >8 Resistant  
## 673 0.12 Susceptible >8 Resistant  
## 674 >8 Resistant >8 Resistant  
## 675 0.12 Susceptible 4 Resistant  
## 676 0.25 Susceptible 1 Intermediate  
## 677 0.25 Susceptible >8 Resistant  
## 678 1 Susceptible >8 Resistant  
## 679 >8 Resistant >8 Resistant  
## 680 >8 Resistant 0.12 Susceptible  
## 681 1 Susceptible 0.5 Susceptible  
## 682 0.25 Susceptible >8 Resistant  
## 683 2 Intermediate 1 Intermediate  
## 684 1 Susceptible 1 Intermediate  
## 685 0.25 Susceptible 0.03 Susceptible  
## 686 0.5 Susceptible 0.25 Susceptible  
## 687 0.5 Susceptible >8 Resistant  
## 688 0.5 Susceptible 0.03 Susceptible  
## 689 0.25 Susceptible 1 Intermediate  
## 690 1 Susceptible 4 Resistant  
## 691 0.25 Susceptible  
## 692 8 Resistant  
## 693 0.25 Susceptible 0.03 Susceptible  
## 694 0.5 Susceptible 0.5 Susceptible  
## 695 0.25 Susceptible 0.03 Susceptible  
## 696 0.5 Susceptible 1 Intermediate  
## 697 2 Intermediate 1 Intermediate  
## 698 2 Intermediate 2 Resistant  
## 699 0.25 Susceptible 1 Intermediate  
## 700 0.25 Susceptible 0.06 Susceptible  
## 701 0.25 Susceptible 1 Intermediate  
## 702 0.25 Susceptible 1 Intermediate  
## 703 0.25 Susceptible 8 Resistant  
## 704 1 Susceptible 1 Intermediate  
## 705 0.25 Susceptible 0.5 Susceptible  
## 706 >8 Resistant 0.5 Susceptible  
## 707 0.25 Susceptible 0.5 Susceptible  
## 708 0.25 Susceptible 0.5 Susceptible  
## 709 2 Intermediate 8 Resistant  
## 710 0.12 Susceptible 0.06 Susceptible  
## 711 0.25 Susceptible 0.5 Susceptible  
## 712 0.12 Susceptible 0.5 Susceptible  
## 713 0.5 Susceptible 0.5 Susceptible  
## 714 0.12 Susceptible 1 Intermediate  
## 715 1 Susceptible 1 Intermediate  
## 716 1 Susceptible 1 Intermediate  
## 717 0.25 Susceptible 0.5 Susceptible  
## 718 0.25 Susceptible 0.5 Susceptible  
## 719 0.5 Susceptible 0.5 Susceptible  
## 720 0.25 Susceptible 1 Intermediate  
## 721 0.12 Susceptible 0.06 Susceptible  
## 722 2 Intermediate 2 Resistant  
## 723 0.25 Susceptible 0.06 Susceptible  
## 724 0.25 Susceptible 0.5 Susceptible  
## 725 1 Susceptible 1 Intermediate  
## 726 0.12 Susceptible >8 Resistant  
## 727 2 Intermediate >8 Resistant  
## 728 0.12 Susceptible 0.25 Susceptible  
## 729 4 Resistant >8 Resistant  
## 730 >8 Resistant 0.12 Susceptible  
## 731 0.5 Susceptible 0.06 Susceptible  
## 732 1 Susceptible 0.03 Susceptible  
## 733 0.5 Susceptible 0.03 Susceptible  
## 734 0.25 Susceptible 0.03 Susceptible  
## 735 0.5 Susceptible 2 Resistant  
## 736 0.25 Susceptible 2 Resistant  
## 737 0.25 Susceptible 0.5 Susceptible  
## 738 0.25 Susceptible 2 Resistant  
## 739 0.25 Susceptible 8 Resistant  
## 740 0.5 Susceptible 8 Resistant  
## Linezolid Linezolid\_I Meropenem Meropenem\_I Metronidazole Metronidazole\_I Minocycline  
## 1 0.03 Susceptible   
## 2 0.03 Susceptible   
## 3 0.03 Susceptible   
## 4 0.03 Susceptible   
## 5 0.03 Susceptible   
## 6 0.03 Susceptible   
## 7 0.03 Susceptible   
## 8 1 Susceptible   
## 9 0.06 Susceptible   
## 10 0.03 Susceptible   
## 11 0.03 Susceptible   
## 12 0.03 Susceptible   
## 13 0.03 Susceptible   
## 14 0.06 Susceptible   
## 15 0.12 Susceptible   
## 16 0.03 Susceptible   
## 17 0.03 Susceptible   
## 18 0.06 Susceptible   
## 19 0.12 Susceptible   
## 20 0.06 Susceptible   
## 21 0.03 Susceptible   
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## 24 0.06 Susceptible   
## 25 0.03 Susceptible   
## 26 0.06 Susceptible   
## 27 0.03 Susceptible   
## 28 0.06 Susceptible   
## 29 >8 Resistant   
## 30 >8 Resistant   
## 31 0.12 Susceptible   
## 32 0.06 Susceptible   
## 33 0.06 Susceptible   
## 34 0.06 Susceptible   
## 35 0.12 Susceptible   
## 36 0.06 Susceptible   
## 37 0.03 Susceptible   
## 38 >8 Resistant   
## 39 0.06 Susceptible   
## 40 0.06 Susceptible   
## 41 0.03 Susceptible   
## 42 0.03 Susceptible   
## 43 0.06 Susceptible   
## 44 0.03 Susceptible   
## 45 >8 Resistant   
## 46 0.06 Susceptible   
## 47 4 Resistant   
## 48 0.03 Susceptible   
## 49 0.06 Susceptible   
## 50 0.06 Susceptible   
## 51 0.03 Susceptible   
## 52 0.03 Susceptible   
## 53 0.03 Susceptible   
## 54 0.03 Susceptible   
## 55 0.03 Susceptible   
## 56 0.12 Susceptible   
## 57 0.12 Susceptible   
## 58 0.12 Susceptible   
## 59 0.06 Susceptible   
## 60 0.03 Susceptible   
## 61 0.03 Susceptible   
## 62 0.03 Susceptible   
## 63 0.06 Susceptible   
## 64 0.06 Susceptible   
## 65 0.03 Susceptible   
## 66 0.12 Susceptible   
## 67 0.03 Susceptible   
## 68 0.03 Susceptible   
## 69 0.03 Susceptible   
## 70 0.03 Susceptible   
## 71 0.03 Susceptible   
## 72 0.06 Susceptible   
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## 76 0.03 Susceptible   
## 77 0.03 Susceptible   
## 78 0.03 Susceptible   
## 79 0.03 Susceptible   
## 80 0.12 Susceptible   
## 81 0.03 Susceptible   
## 82 0.06 Susceptible   
## 83 >8 Resistant   
## 84 >8 Resistant   
## 85 0.06 Susceptible   
## 86 >8 Resistant   
## 87 0.12 Susceptible   
## 88 0.12 Susceptible   
## 89 0.06 Susceptible   
## 90 0.06 Susceptible   
## 91 0.06 Susceptible   
## 92 0.03 Susceptible   
## 93 0.06 Susceptible   
## 94 0.12 Susceptible   
## 95 0.06 Susceptible   
## 96 0.03 Susceptible   
## 97 0.03 Susceptible   
## 98 0.12 Susceptible   
## 99 0.03 Susceptible   
## 100 0.03 Susceptible   
## 101 0.03 Susceptible   
## 102 0.03 Susceptible   
## 103 0.03 Susceptible   
## 104 2 Intermediate   
## 105 0.25 Susceptible   
## 106 0.03 Susceptible   
## 107 0.03 Susceptible   
## 108 0.06 Susceptible   
## 109 0.03 Susceptible   
## 110 0.03 Susceptible   
## 111 0.03 Susceptible   
## 112 0.03 Susceptible   
## 113 0.06 Susceptible   
## 114 0.06 Susceptible   
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## 116 0.06 Susceptible   
## 117 0.06 Susceptible   
## 118 0.03 Susceptible   
## 119 0.03 Susceptible   
## 120 0.06 Susceptible   
## 121 0.015 Susceptible   
## 122 0.03 Susceptible   
## 123 0.015 Susceptible   
## 124 0.06 Susceptible   
## 125 0.03 Susceptible   
## 126 0.03 Susceptible   
## 127 0.06 Susceptible   
## 128 0.06 Susceptible   
## 129 0.03 Susceptible   
## 130 0.03 Susceptible   
## 131 0.12 Susceptible   
## 132 0.06 Susceptible   
## 133 0.12 Susceptible   
## 134 0.03 Susceptible   
## 135 0.06 Susceptible   
## 136 0.06 Susceptible   
## 137 0.12 Susceptible   
## 138 0.06 Susceptible   
## 139 >8 Resistant   
## 140 0.25 Susceptible   
## 141 0.12 Susceptible   
## 142 0.06 Susceptible   
## 143 0.12 Susceptible   
## 144 0.12 Susceptible   
## 145 0.06 Susceptible   
## 146 0.06 Susceptible   
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## 153 0.03 Susceptible   
## 154 0.06 Susceptible   
## 155 0.06 Susceptible   
## 156 0.12 Susceptible   
## 157 0.06 Susceptible   
## 158 0.06 Susceptible   
## 159 0.25 Susceptible   
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## 164 0.03 Susceptible   
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## 169 0.12 Susceptible   
## 170 0.12 Susceptible   
## 171 0.06 Susceptible   
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## 176 0.03 Susceptible   
## 177 0.12 Susceptible   
## 178 0.06 Susceptible   
## 179 0.03 Susceptible   
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## 183 0.03 Susceptible   
## 184 0.06 Susceptible   
## 185 0.03 Susceptible   
## 186 0.03 Susceptible   
## 187 0.06 Susceptible   
## 188 0.12 Susceptible   
## 189 0.06 Susceptible   
## 190 >8 Resistant   
## 191 0.06 Susceptible   
## 192 0.03 Susceptible   
## 193 0.03 Susceptible   
## 194 >8 Resistant   
## 195 0.12 Susceptible   
## 196 >8 Resistant   
## 197 0.03 Susceptible   
## 198 >8 Resistant   
## 199 0.06 Susceptible   
## 200 0.06 Susceptible   
## 201 0.03 Susceptible   
## 202 0.12 Susceptible   
## 203 0.03 Susceptible   
## 204 0.03 Susceptible   
## 205 0.03 Susceptible   
## 206 0.03 Susceptible   
## 207 0.06 Susceptible   
## 208 >8 Resistant   
## 209 8 Resistant   
## 210 0.12 Susceptible   
## 211 0.06 Susceptible   
## 212 >8 Resistant   
## 213 >8 Resistant   
## 214 0.06 Susceptible   
## 215 0.06 Susceptible   
## 216 0.03 Susceptible   
## 217 0.12 Susceptible   
## 218 0.06 Susceptible   
## 219 0.12 Susceptible   
## 220 0.06 Susceptible   
## 221 0.03 Susceptible   
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## 227 0.03 Susceptible   
## 228 0.03 Susceptible   
## 229 0.12 Susceptible   
## 230 0.06 Susceptible   
## 231 0.03 Susceptible   
## 232 0.06 Susceptible   
## 233 0.12 Susceptible   
## 234 0.06 Susceptible   
## 235 0.03 Susceptible   
## 236 0.06 Susceptible   
## 237 0.06 Susceptible   
## 238 >8 Resistant   
## 239 0.06 Susceptible   
## 240 0.03 Susceptible   
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## 242 0.03 Susceptible   
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## 244 0.03 Susceptible   
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## 246 0.06 Susceptible   
## 247 0.06 Susceptible   
## 248 0.06 Susceptible   
## 249 0.03 Susceptible   
## 250 0.25 Susceptible   
## 251 0.06 Susceptible   
## 252 4 Resistant   
## 253 0.06 Susceptible   
## 254 0.06 Susceptible   
## 255 0.03 Susceptible   
## 256 0.06 Susceptible   
## 257 0.03 Susceptible   
## 258 0.03 Susceptible   
## 259 0.03 Susceptible   
## 260 0.06 Susceptible   
## 261 0.06 Susceptible   
## 262 0.12 Susceptible   
## 263 0.03 Susceptible   
## 264 0.03 Susceptible   
## 265 >8 Resistant   
## 266 0.06 Susceptible   
## 267 >8 Resistant   
## 268 0.03 Susceptible   
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## 275 0.06 Susceptible   
## 276 0.06 Susceptible   
## 277 0.12 Susceptible   
## 278 0.06 Susceptible   
## 279 0.03 Susceptible   
## 280 0.03 Susceptible   
## 281 0.06 Susceptible   
## 282 0.03 Susceptible   
## 283 0.06 Susceptible   
## 284 0.25 Susceptible   
## 285 >8 Resistant   
## 286 0.015 Susceptible   
## 287 0.06 Susceptible   
## 288 0.06 Susceptible   
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## 290 0.03 Susceptible   
## 291 0.06 Susceptible   
## 292 0.03 Susceptible   
## 293 0.03 Susceptible   
## 294 0.06 Susceptible   
## 295 0.06 Susceptible   
## 296 0.06 Susceptible   
## 297 >8 Resistant   
## 298 0.06 Susceptible   
## 299 0.03 Susceptible   
## 300 0.12 Susceptible   
## 301 2 Intermediate   
## 302 0.03 Susceptible   
## 303 0.06 Susceptible   
## 304 0.06 Susceptible   
## 305 0.06 Susceptible   
## 306 0.03 Susceptible   
## 307 0.06 Susceptible   
## 308 0.06 Susceptible   
## 309 8 Resistant   
## 310 0.06 Susceptible   
## 311 0.015 Susceptible   
## 312 >8 Resistant   
## 313 0.06 Susceptible   
## 314 0.12 Susceptible   
## 315 >8 Resistant   
## 316 0.03 Susceptible   
## 317 0.03 Susceptible   
## 318 0.03 Susceptible   
## 319 0.12 Susceptible   
## 320 0.03 Susceptible   
## 321 0.03 Susceptible   
## 322 0.06 Susceptible   
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## 324 0.03 Susceptible   
## 325 0.06 Susceptible   
## 326 0.06 Susceptible   
## 327 0.03 Susceptible   
## 328 0.06 Susceptible   
## 329 1 Susceptible   
## 330 0.015 Susceptible   
## 331 0.12 Susceptible   
## 332 0.06 Susceptible   
## 333 0.06 Susceptible   
## 334 0.03 Susceptible   
## 335 0.03 Susceptible   
## 336 0.06 Susceptible   
## 337 0.06 Susceptible   
## 338 0.12 Susceptible   
## 339 0.06 Susceptible   
## 340 0.06 Susceptible   
## 341 0.06 Susceptible   
## 342 0.03 Susceptible   
## 343 0.03 Susceptible   
## 344 0.12 Susceptible   
## 345 0.03 Susceptible   
## 346 0.03 Susceptible   
## 347 0.03 Susceptible   
## 348 0.03 Susceptible   
## 349 0.03 Susceptible   
## 350 0.03 Susceptible   
## 351 >8 Resistant   
## 352 <=0.06 Susceptible 1  
## 353 0.12 Susceptible 2  
## 354 0.12 Susceptible 8  
## 355 0.12 Susceptible 2  
## 356 0.12 Susceptible 1  
## 357 0.12 Susceptible 4  
## 358 <=0.06 Susceptible 16  
## 359 <=0.06 Susceptible 4  
## 360 <=0.06 Susceptible 2  
## 361 4 Resistant 1  
## 362 0.12 Susceptible 2  
## 363 <=0.06 Susceptible >16  
## 364 0.12 Susceptible >16  
## 365 <=0.06 Susceptible <=0.5  
## 366 0.06 Susceptible   
## 367 0.03 Susceptible   
## 368 0.06 Susceptible   
## 369 0.25 Susceptible   
## 370 0.03 Susceptible   
## 371 0.06 Susceptible   
## 372 0.06 Susceptible   
## 373 0.06 Susceptible   
## 374 0.03 Susceptible   
## 375 0.12 Susceptible   
## 376 0.06 Susceptible   
## 377 2 Intermediate   
## 378 0.06 Susceptible   
## 379 0.12 Susceptible 4  
## 380 <=0.06 Susceptible 8  
## 381 <=0.06 Susceptible 4  
## 382 <=0.06 Susceptible 1  
## 383 <=0.06 Susceptible 1  
## 384 <=0.06 Susceptible 1  
## 385 <=0.06 Susceptible 16  
## 386 0.12 Susceptible 8  
## 387 <=0.06 Susceptible 2  
## 388 <=0.06 Susceptible 2  
## 389 <=0.06 Susceptible 4  
## 390 0.5 Susceptible 16  
## 391 <=0.06 Susceptible 4  
## 392 0.12 Susceptible 2  
## 393 <=0.06 Susceptible 2  
## 394 1 Susceptible 4  
## 395 <=0.06 Susceptible 2  
## 396 0.5 Susceptible 8  
## 397 <=0.06 Susceptible 8  
## 398 <=0.06 Susceptible 8  
## 399 0.06 Susceptible   
## 400 0.06 Susceptible   
## 401 >8 Resistant   
## 402 0.12 Susceptible   
## 403 8 Resistant   
## 404 8 Resistant   
## 405 0.06 Susceptible   
## 406 0.03 Susceptible   
## 407 0.06 Susceptible   
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## 410 0.06 Susceptible   
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## 422 0.06 Susceptible   
## 423 0.06 Susceptible   
## 424 0.06 Susceptible   
## 425 0.12 Susceptible   
## 426 0.25 Susceptible   
## 427 0.25 Susceptible   
## 428 0.12 Susceptible   
## 429 0.03 Susceptible   
## 430 0.03 Susceptible   
## 431 0.03 Susceptible   
## 432 0.03 Susceptible   
## 433 >8 Resistant   
## 434 <=0.06 Susceptible <=0.5  
## 435 <=0.06 Susceptible 1  
## 436 <=0.06 Susceptible 1  
## 437 <=0.06 Susceptible 2  
## 438 <=0.06 Susceptible 1  
## 439 <=0.06 Susceptible 1  
## 440 <=0.06 Susceptible 1  
## 441 <=0.06 Susceptible 2  
## 442 0.03 Susceptible   
## 443 0.03 Susceptible   
## 444 0.03 Susceptible   
## 445 0.06 Susceptible   
## 446 0.06 Susceptible   
## 447 0.06 Susceptible   
## 448 0.03 Susceptible   
## 449 0.06 Susceptible   
## 450 0.03 Susceptible   
## 451 0.06 Susceptible   
## 452 0.5 Susceptible   
## 453 2 Intermediate   
## 454 0.06 Susceptible   
## 455 0.06 Susceptible   
## 456 0.06 Susceptible   
## 457 0.06 Susceptible   
## 458 0.12 Susceptible   
## 459 0.06 Susceptible   
## 460 0.03 Susceptible   
## 461 0.06 Susceptible   
## 462 0.03 Susceptible   
## 463 0.06 Susceptible   
## 464 0.12 Susceptible   
## 465 0.06 Susceptible   
## 466 0.06 Susceptible   
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## 468 0.06 Susceptible   
## 469 0.06 Susceptible   
## 470 0.03 Susceptible   
## 471 0.12 Susceptible   
## 472 0.06 Susceptible   
## 473 0.06 Susceptible   
## 474 0.06 Susceptible   
## 475 0.03 Susceptible   
## 476 0.06 Susceptible   
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## 478 0.06 Susceptible   
## 479 0.06 Susceptible   
## 480 0.06 Susceptible   
## 481 0.12 Susceptible   
## 482 0.06 Susceptible   
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## 484 0.03 Susceptible   
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## 487 0.03 Susceptible   
## 488 0.06 Susceptible   
## 489 0.03 Susceptible   
## 490 0.03 Susceptible   
## 491 0.03 Susceptible   
## 492 0.06 Susceptible   
## 493 1 Susceptible   
## 494 0.06 Susceptible   
## 495 0.12 Susceptible   
## 496 1 Susceptible   
## 497 0.12 Susceptible   
## 498 0.12 Susceptible   
## 499 1 Susceptible   
## 500 1 Susceptible   
## 501 0.06 Susceptible   
## 502 1 Susceptible   
## 503 0.06 Susceptible   
## 504 0.06 Susceptible   
## 505 0.06 Susceptible   
## 506 0.06 Susceptible   
## 507 0.12 Susceptible   
## 508 0.06 Susceptible   
## 509 2 Intermediate   
## 510 0.25 Susceptible   
## 511 1 Susceptible   
## 512 0.06 Susceptible   
## 513 0.06 Susceptible   
## 514 0.06 Susceptible   
## 515 0.06 Susceptible   
## 516 0.12 Susceptible   
## 517 8 Resistant   
## 518 0.03 Susceptible   
## 519 0.06 Susceptible   
## 520 0.06 Susceptible   
## 521 0.03 Susceptible   
## 522 1 Susceptible   
## 523 0.12 Susceptible   
## 524 0.06 Susceptible   
## 525 0.06 Susceptible   
## 526 0.03 Susceptible   
## 527 0.06 Susceptible   
## 528 0.06 Susceptible   
## 529 0.25 Susceptible   
## 530 0.06 Susceptible   
## 531 0.03 Susceptible   
## 532 0.12 Susceptible   
## 533 0.06 Susceptible   
## 534 0.03 Susceptible   
## 535 0.06 Susceptible   
## 536 0.06 Susceptible   
## 537 1 Susceptible   
## 538 0.06 Susceptible   
## 539 0.06 Susceptible   
## 540 0.06 Susceptible   
## 541 0.12 Susceptible   
## 542 0.06 Susceptible   
## 543 0.5 Susceptible   
## 544 >8 Resistant   
## 545 0.03 Susceptible   
## 546 0.06 Susceptible   
## 547 0.03 Susceptible   
## 548 0.06 Susceptible   
## 549 0.06 Susceptible   
## 550 0.03 Susceptible   
## 551 0.03 Susceptible   
## 552 0.12 Susceptible   
## 553 0.25 Susceptible   
## 554 0.25 Susceptible   
## 555 0.12 Susceptible   
## 556 2 Intermediate   
## 557 <=0.06 Susceptible <=0.5  
## 558 0.12 Susceptible 1  
## 559 <=0.06 Susceptible 8  
## 560 <=0.06 Susceptible 8  
## 561 0.25 Susceptible 2  
## 562 0.12 Susceptible 8  
## 563 0.5 Susceptible 8  
## 564 0.5 Susceptible 8  
## 565 0.5 Susceptible 4  
## 566 0.12 Susceptible 2  
## 567 0.12 Susceptible 2  
## 568 0.12 Susceptible 8  
## 569 <=0.06 Susceptible 1  
## 570 <=0.06 Susceptible 1  
## 571 <=0.06 Susceptible 4  
## 572 <=0.06 Susceptible 2  
## 573 <=0.06 Susceptible 16  
## 574 <=0.06 Susceptible 16  
## 575 0.12 Susceptible <=0.5  
## 576 <=0.06 Susceptible 2  
## 577 <=0.06 Susceptible >16  
## 578 0.12 Susceptible <=0.5  
## 579 0.25 Susceptible 2  
## 580 <=0.06 Susceptible 1  
## 581 2 Intermediate 8  
## 582 16 Resistant 2  
## 583 0.25 Susceptible 4  
## 584 0.12 Susceptible 16  
## 585 0.015 Susceptible   
## 586 0.03 Susceptible   
## 587 0.03 Susceptible   
## 588 0.03 Susceptible   
## 589 0.015 Susceptible   
## 590 0.03 Susceptible   
## 591 0.03 Susceptible   
## 592 0.03 Susceptible   
## 593 0.5 Susceptible   
## 594 0.015 Susceptible   
## 595 0.015 Susceptible   
## 596 8 Resistant   
## 597 0.03 Susceptible   
## 598 0.06 Susceptible   
## 599 0.03 Susceptible   
## 600 0.03 Susceptible   
## 601 0.03 Susceptible   
## 602 0.03 Susceptible   
## 603 0.03 Susceptible   
## 604 0.03 Susceptible   
## 605 0.06 Susceptible   
## 606 0.03 Susceptible   
## 607 0.03 Susceptible   
## 608 >8 Resistant   
## 609 0.03 Susceptible   
## 610 0.03 Susceptible   
## 611 0.06 Susceptible   
## 612 0.03 Susceptible   
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## 614 0.03 Susceptible   
## 615 0.03 Susceptible   
## 616 0.03 Susceptible   
## 617 0.03 Susceptible   
## 618 0.03 Susceptible   
## 619 0.03 Susceptible   
## 620 0.015 Susceptible   
## 621 0.03 Susceptible   
## 622 0.03 Susceptible   
## 623 0.015 Susceptible   
## 624 0.03 Susceptible   
## 625 0.06 Susceptible   
## 626 0.03 Susceptible   
## 627 0.015 Susceptible   
## 628 0.03 Susceptible   
## 629 0.03 Susceptible   
## 630 0.015 Susceptible   
## 631 0.03 Susceptible   
## 632 0.03 Susceptible   
## 633 <=0.06 Susceptible 4  
## 634 <=0.06 Susceptible 2  
## 635 <=0.06 Susceptible 4  
## 636 <=0.06 Susceptible 1  
## 637 <=0.06 Susceptible 1  
## 638 <=0.06 Susceptible <=0.5  
## 639 0.12 Susceptible 8  
## 640 0.12 Susceptible 16  
## 641 0.25 Susceptible 8  
## 642 0.5 Susceptible 4  
## 643 <=0.06 Susceptible 2  
## 644 1 Susceptible 1  
## 645 0.12 Susceptible 1  
## 646 0.12 Susceptible 2  
## 647 0.12 Susceptible 1  
## 648 0.5 Susceptible 16  
## 649 0.5 Susceptible 16  
## 650 1 Susceptible   
## 651 8 Resistant   
## 652 >8 Resistant   
## 653 1 Susceptible   
## 654 >8 Resistant   
## 655 0.06 Susceptible   
## 656 0.03 Susceptible   
## 657 0.03 Susceptible   
## 658 >8 Resistant   
## 659 0.03 Susceptible   
## 660 0.25 Susceptible   
## 661 0.5 Susceptible   
## 662 0.03 Susceptible   
## 663 2 Intermediate   
## 664 >8 Resistant   
## 665 0.015 Susceptible   
## 666 0.03 Susceptible   
## 667 0.03 Susceptible   
## 668 0.03 Susceptible   
## 669 0.015 Susceptible   
## 670 0.03 Susceptible   
## 671 0.015 Susceptible   
## 672 >8 Resistant   
## 673 0.03 Susceptible   
## 674 >8 Resistant   
## 675 0.03 Susceptible   
## 676 0.03 Susceptible   
## 677 0.06 Susceptible   
## 678 0.25 Susceptible   
## 679 >8 Resistant   
## 680 >8 Resistant   
## 681 0.5 Susceptible   
## 682 2  
## 683 8  
## 684 2  
## 685 16  
## 686 16  
## 687 16  
## 688 16  
## 689 >16  
## 690 16  
## 691 <=0.06 Susceptible 16  
## 692 <=0.06 Susceptible 16  
## 693 <=0.5  
## 694 8  
## 695 8  
## 696 1  
## 697 2 Intermediate   
## 698 2 Intermediate   
## 699 0.03 Susceptible   
## 700 0.03 Susceptible   
## 701 0.03 Susceptible   
## 702 0.03 Susceptible   
## 703 0.06 Susceptible   
## 704 0.03 Susceptible   
## 705 0.03 Susceptible   
## 706 8 Resistant   
## 707 0.25 Susceptible   
## 708 0.03 Susceptible   
## 709 1 Susceptible   
## 710 0.03 Susceptible   
## 711 0.06 Susceptible   
## 712 0.03 Susceptible   
## 713 0.5 Susceptible   
## 714 0.03 Susceptible   
## 715 1 Susceptible   
## 716 1 Susceptible   
## 717 0.03 Susceptible   
## 718 0.03 Susceptible   
## 719 0.03 Susceptible   
## 720 0.03 Susceptible   
## 721 0.03 Susceptible   
## 722 0.5 Susceptible   
## 723 0.03 Susceptible   
## 724 0.03 Susceptible   
## 725 1 Susceptible   
## 726 0.015 Susceptible   
## 727 0.5 Susceptible   
## 728 0.015 Susceptible   
## 729 0.5 Susceptible   
## 730 >8 Resistant   
## 731 4  
## 732 4  
## 733 2  
## 734 4  
## 735 1  
## 736 8  
## 737 16  
## 738 1  
## 739 8  
## 740 8  
## Minocycline\_I Penicillin Penicillin\_I Piperacillin.tazobactam Piperacillin.tazobactam\_I  
## 1 64 Resistant  
## 2 128 Resistant  
## 3 2 Susceptible  
## 4 8 Susceptible  
## 5 4 Susceptible  
## 6 8 Susceptible  
## 7 32 Resistant  
## 8 >128 Resistant  
## 9 8 Susceptible  
## 10 8 Susceptible  
## 11 32 Resistant  
## 12 16 Intermediate  
## 13 2 Susceptible  
## 14 32 Resistant  
## 15 2 Susceptible  
## 16 4 Susceptible  
## 17 16 Intermediate  
## 18 8 Susceptible  
## 19 >128 Resistant  
## 20 >128 Resistant  
## 21 16 Intermediate  
## 22 128 Resistant  
## 23 8 Susceptible  
## 24 16 Intermediate  
## 25 >128 Resistant  
## 26 16 Intermediate  
## 27 2 Susceptible  
## 28 32 Resistant  
## 29 >128 Resistant  
## 30 >128 Resistant  
## 31 0.5 Susceptible  
## 32 4 Susceptible  
## 33 32 Resistant  
## 34 >128 Resistant  
## 35 >128 Resistant  
## 36 64 Resistant  
## 37 16 Intermediate  
## 38 >128 Resistant  
## 39 64 Resistant  
## 40 64 Resistant  
## 41 16 Intermediate  
## 42 64 Resistant  
## 43 64 Resistant  
## 44 32 Resistant  
## 45 >128 Resistant  
## 46 32 Resistant  
## 47 >128 Resistant  
## 48 32 Resistant  
## 49 >128 Resistant  
## 50 64 Resistant  
## 51 16 Intermediate  
## 52 16 Intermediate  
## 53 16 Intermediate  
## 54 64 Resistant  
## 55 64 Resistant  
## 56 2 Susceptible  
## 57 0.5 Susceptible  
## 58 2 Susceptible  
## 59 64 Resistant  
## 60 16 Intermediate  
## 61 16 Intermediate  
## 62 8 Susceptible  
## 63 4 Susceptible  
## 64 64 Resistant  
## 65 16 Intermediate  
## 66 16 Intermediate  
## 67 4 Susceptible  
## 68 16 Intermediate  
## 69 2 Susceptible  
## 70 16 Intermediate  
## 71 8 Susceptible  
## 72 64 Resistant  
## 73 16 Intermediate  
## 74 2 Susceptible  
## 75 16 Intermediate  
## 76 32 Resistant  
## 77 16 Intermediate  
## 78 16 Intermediate  
## 79 16 Intermediate  
## 80 64 Resistant  
## 81 16 Intermediate  
## 82 4 Susceptible  
## 83 >128 Resistant  
## 84 >128 Resistant  
## 85 16 Intermediate  
## 86 >128 Resistant  
## 87 16 Intermediate  
## 88 16 Intermediate  
## 89 64 Resistant  
## 90 16 Intermediate  
## 91 16 Intermediate  
## 92 16 Intermediate  
## 93 64 Resistant  
## 94 128 Resistant  
## 95 4 Susceptible  
## 96 16 Intermediate  
## 97 4 Susceptible  
## 98 >128 Resistant  
## 99 16 Intermediate  
## 100 16 Intermediate  
## 101 16 Intermediate  
## 102 16 Intermediate  
## 103 4 Susceptible  
## 104 >128 Resistant  
## 105 >128 Resistant  
## 106 64 Resistant  
## 107 >128 Resistant  
## 108 64 Resistant  
## 109 8 Susceptible  
## 110 64 Resistant  
## 111 4 Susceptible  
## 112 4 Susceptible  
## 113 8 Susceptible  
## 114 64 Resistant  
## 115 64 Resistant  
## 116 64 Resistant  
## 117 64 Resistant  
## 118 8 Susceptible  
## 119 64 Resistant  
## 120 64 Resistant  
## 121 2 Susceptible  
## 122 4 Susceptible  
## 123 32 Resistant  
## 124 >128 Resistant  
## 125 32 Resistant  
## 126 >128 Resistant  
## 127 >128 Resistant  
## 128 64 Resistant  
## 129 128 Resistant  
## 130 32 Resistant  
## 131 128 Resistant  
## 132 64 Resistant  
## 133 >128 Resistant  
## 134 8 Susceptible  
## 135 >128 Resistant  
## 136 32 Resistant  
## 137 >128 Resistant  
## 138 <=0.25 Susceptible  
## 139 >128 Resistant  
## 140 >128 Resistant  
## 141 >128 Resistant  
## 142 >128 Resistant  
## 143 2 Susceptible  
## 144 >128 Resistant  
## 145 16 Intermediate  
## 146 16 Intermediate  
## 147 16 Intermediate  
## 148 16 Intermediate  
## 149 16 Intermediate  
## 150 16 Intermediate  
## 151 16 Intermediate  
## 152 0.5 Susceptible  
## 153 16 Intermediate  
## 154 16 Intermediate  
## 155 32 Resistant  
## 156 1 Susceptible  
## 157 16 Intermediate  
## 158 16 Intermediate  
## 159 0.5 Susceptible  
## 160 2 Susceptible  
## 161 32 Resistant  
## 162 16 Intermediate  
## 163 2 Susceptible  
## 164 16 Intermediate  
## 165 16 Intermediate  
## 166 8 Susceptible  
## 167 >128 Resistant  
## 168 16 Intermediate  
## 169 >128 Resistant  
## 170 4 Susceptible  
## 171 8 Susceptible  
## 172 >128 Resistant  
## 173 64 Resistant  
## 174 4 Susceptible  
## 175 8 Susceptible  
## 176 2 Susceptible  
## 177 64 Resistant  
## 178 16 Intermediate  
## 179 4 Susceptible  
## 180 8 Susceptible  
## 181 2 Susceptible  
## 182 8 Susceptible  
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## 184 8 Susceptible  
## 185 8 Susceptible  
## 186 4 Susceptible  
## 187 8 Susceptible  
## 188 16 Intermediate  
## 189 128 Resistant  
## 190 >128 Resistant  
## 191 64 Resistant  
## 192 128 Resistant  
## 193 8 Susceptible  
## 194 >128 Resistant  
## 195 1 Susceptible  
## 196 >128 Resistant  
## 197 128 Resistant  
## 198 >128 Resistant  
## 199 8 Susceptible  
## 200 16 Intermediate  
## 201 64 Resistant  
## 202 8 Susceptible  
## 203 4 Susceptible  
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## 205 16 Intermediate  
## 206 4 Susceptible  
## 207 8 Susceptible  
## 208 >128 Resistant  
## 209 128 Resistant  
## 210 >128 Resistant  
## 211 >128 Resistant  
## 212 >128 Resistant  
## 213 >128 Resistant  
## 214 32 Resistant  
## 215 2 Susceptible  
## 216 2 Susceptible  
## 217 4 Susceptible  
## 218 64 Resistant  
## 219 4 Susceptible  
## 220 0.5 Susceptible  
## 221 4 Susceptible  
## 222 8 Susceptible  
## 223 <=0.25 Susceptible  
## 224 16 Intermediate  
## 225 16 Intermediate  
## 226 16 Intermediate  
## 227 8 Susceptible  
## 228 4 Susceptible  
## 229 128 Resistant  
## 230 32 Resistant  
## 231 2 Susceptible  
## 232 16 Intermediate  
## 233 2 Susceptible  
## 234 128 Resistant  
## 235 16 Intermediate  
## 236 16 Intermediate  
## 237 16 Intermediate  
## 238 >128 Resistant  
## 239 0.5 Susceptible  
## 240 0.5 Susceptible  
## 241 >128 Resistant  
## 242 16 Intermediate  
## 243 16 Intermediate  
## 244 0.5 Susceptible  
## 245 16 Intermediate  
## 246 1 Susceptible  
## 247 16 Intermediate  
## 248 64 Resistant  
## 249 16 Intermediate  
## 250 0.5 Susceptible  
## 251 16 Intermediate  
## 252 >128 Resistant  
## 253 0.5 Susceptible  
## 254 16 Intermediate  
## 255 16 Intermediate  
## 256 16 Intermediate  
## 257 16 Intermediate  
## 258 16 Intermediate  
## 259 16 Intermediate  
## 260 16 Intermediate  
## 261 128 Resistant  
## 262 16 Intermediate  
## 263 4 Susceptible  
## 264 16 Intermediate  
## 265 >128 Resistant  
## 266 >128 Resistant  
## 267 32 Resistant  
## 268 2 Susceptible  
## 269 8 Susceptible  
## 270 16 Intermediate  
## 271 16 Intermediate  
## 272 8 Susceptible  
## 273 >128 Resistant  
## 274 16 Intermediate  
## 275 32 Resistant  
## 276 4 Susceptible  
## 277 >128 Resistant  
## 278 32 Resistant  
## 279 8 Susceptible  
## 280 4 Susceptible  
## 281 64 Resistant  
## 282 8 Susceptible  
## 283 64 Resistant  
## 284 >128 Resistant  
## 285 >128 Resistant  
## 286 16 Intermediate  
## 287 1 Susceptible  
## 288 2 Susceptible  
## 289 32 Resistant  
## 290 2 Susceptible  
## 291 16 Intermediate  
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## 293 16 Intermediate  
## 294 16 Intermediate  
## 295 16 Intermediate  
## 296 16 Intermediate  
## 297 >128 Resistant  
## 298 0.5 Susceptible  
## 299 16 Intermediate  
## 300 0.5 Susceptible  
## 301 >128 Resistant  
## 302 16 Intermediate  
## 303 0.5 Susceptible  
## 304 64 Resistant  
## 305 16 Intermediate  
## 306 16 Intermediate  
## 307 16 Intermediate  
## 308 16 Intermediate  
## 309 >128 Resistant  
## 310 64 Resistant  
## 311 16 Intermediate  
## 312 >128 Resistant  
## 313 16 Intermediate  
## 314 16 Intermediate  
## 315 >128 Resistant  
## 316 16 Intermediate  
## 317 16 Intermediate  
## 318 32 Resistant  
## 319 16 Intermediate  
## 320 0.5 Susceptible  
## 321 16 Intermediate  
## 322 16 Intermediate  
## 323 8 Susceptible  
## 324 >128 Resistant  
## 325 16 Intermediate  
## 326 16 Intermediate  
## 327 16 Intermediate  
## 328 16 Intermediate  
## 329 >128 Resistant  
## 330 64 Resistant  
## 331 >128 Resistant  
## 332 16 Intermediate  
## 333 32 Resistant  
## 334 16 Intermediate  
## 335 16 Intermediate  
## 336 >128 Resistant  
## 337 32 Resistant  
## 338 8 Susceptible  
## 339 8 Susceptible  
## 340 4 Susceptible  
## 341 8 Susceptible  
## 342 8 Susceptible  
## 343 16 Intermediate  
## 344 16 Intermediate  
## 345 4 Susceptible  
## 346 16 Intermediate  
## 347 16 Intermediate  
## 348 4 Susceptible  
## 349 8 Susceptible  
## 350 8 Susceptible  
## 351 >128 Resistant  
## 352 Susceptible 4 Susceptible  
## 353 Susceptible 32 Resistant  
## 354 Intermediate 16 Intermediate  
## 355 Susceptible 16 Intermediate  
## 356 Susceptible 8 Susceptible  
## 357 Susceptible 8 Susceptible  
## 358 Resistant 32 Resistant  
## 359 Susceptible 8 Susceptible  
## 360 Susceptible 2 Susceptible  
## 361 Susceptible >128 Resistant  
## 362 Susceptible 16 Intermediate  
## 363 Resistant 16 Intermediate  
## 364 Resistant 32 Resistant  
## 365 Susceptible 4 Susceptible  
## 366 32 Resistant  
## 367 32 Resistant  
## 368 8 Susceptible  
## 369 128 Resistant  
## 370 2 Susceptible  
## 371 64 Resistant  
## 372 32 Resistant  
## 373 >128 Resistant  
## 374 8 Susceptible  
## 375 >128 Resistant  
## 376 16 Intermediate  
## 377 >128 Resistant  
## 378 64 Resistant  
## 379 Susceptible >128 Resistant  
## 380 Intermediate 8 Susceptible  
## 381 Susceptible 16 Intermediate  
## 382 Susceptible 1 Susceptible  
## 383 Susceptible 1 Susceptible  
## 384 Susceptible 0.5 Susceptible  
## 385 Resistant 32 Resistant  
## 386 Intermediate 32 Resistant  
## 387 Susceptible 2 Susceptible  
## 388 Susceptible 32 Resistant  
## 389 Susceptible 8 Susceptible  
## 390 Resistant 128 Resistant  
## 391 Susceptible 8 Susceptible  
## 392 Susceptible 32 Resistant  
## 393 Susceptible 8 Susceptible  
## 394 Susceptible >128 Resistant  
## 395 Susceptible 4 Susceptible  
## 396 Intermediate 64 Resistant  
## 397 Intermediate 64 Resistant  
## 398 Intermediate 2 Susceptible  
## 399 4 Susceptible  
## 400 4 Susceptible  
## 401 >128 Resistant  
## 402 >128 Resistant  
## 403 >128 Resistant  
## 404 >128 Resistant  
## 405 16 Intermediate  
## 406 >128 Resistant  
## 407 64 Resistant  
## 408 4 Susceptible  
## 409 8 Susceptible  
## 410 4 Susceptible  
## 411 16 Intermediate  
## 412 4 Susceptible  
## 413 32 Resistant  
## 414 4 Susceptible  
## 415 32 Resistant  
## 416 32 Resistant  
## 417 8 Susceptible  
## 418 >128 Resistant  
## 419 4 Susceptible  
## 420 4 Susceptible  
## 421 16 Intermediate  
## 422 4 Susceptible  
## 423 >128 Resistant  
## 424 16 Intermediate  
## 425 16 Intermediate  
## 426 32 Resistant  
## 427 1 Susceptible  
## 428 128 Resistant  
## 429 32 Resistant  
## 430 8 Susceptible  
## 431 2 Susceptible  
## 432 8 Susceptible  
## 433 >128 Resistant  
## 434 Susceptible 4 Susceptible  
## 435 Susceptible 8 Susceptible  
## 436 Susceptible 8 Susceptible  
## 437 Susceptible 16 Intermediate  
## 438 Susceptible 8 Susceptible  
## 439 Susceptible 8 Susceptible  
## 440 Susceptible 2 Susceptible  
## 441 Susceptible 8 Susceptible  
## 442 16 Intermediate  
## 443 32 Resistant  
## 444 8 Susceptible  
## 445 >128 Resistant  
## 446 32 Resistant  
## 447 16 Intermediate  
## 448 4 Susceptible  
## 449 4 Susceptible  
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## 451 4 Susceptible  
## 452 >128 Resistant  
## 453 >128 Resistant  
## 454 8 Susceptible  
## 455 16 Intermediate  
## 456 8 Susceptible  
## 457 8 Susceptible  
## 458 8 Susceptible  
## 459 >128 Resistant  
## 460 64 Resistant  
## 461 16 Intermediate  
## 462 4 Susceptible  
## 463 8 Susceptible  
## 464 >128 Resistant  
## 465 4 Susceptible  
## 466 4 Susceptible  
## 467 8 Susceptible  
## 468 <=0.25 Susceptible  
## 469 4 Susceptible  
## 470 4 Susceptible  
## 471 4 Susceptible  
## 472 32 Resistant  
## 473 4 Susceptible  
## 474 4 Susceptible  
## 475 4 Susceptible  
## 476 4 Susceptible  
## 477 >128 Resistant  
## 478 64 Resistant  
## 479 64 Resistant  
## 480 8 Susceptible  
## 481 32 Resistant  
## 482 32 Resistant  
## 483 16 Intermediate  
## 484 2 Susceptible  
## 485 8 Susceptible  
## 486 4 Susceptible  
## 487 2 Susceptible  
## 488 4 Susceptible  
## 489 4 Susceptible  
## 490 2 Susceptible  
## 491 0.5 Susceptible  
## 492 2 Susceptible  
## 493 >128 Resistant  
## 494 >128 Resistant  
## 495 32 Resistant  
## 496 >128 Resistant  
## 497 8 Susceptible  
## 498 64 Resistant  
## 499 >128 Resistant  
## 500 >128 Resistant  
## 501 16 Intermediate  
## 502 >128 Resistant  
## 503 16 Intermediate  
## 504 >128 Resistant  
## 505 8 Susceptible  
## 506 4 Susceptible  
## 507 32 Resistant  
## 508 >128 Resistant  
## 509 128 Resistant  
## 510 128 Resistant  
## 511 >128 Resistant  
## 512 >128 Resistant  
## 513 128 Resistant  
## 514 4 Susceptible  
## 515 4 Susceptible  
## 516 128 Resistant  
## 517 >128 Resistant  
## 518 2 Susceptible  
## 519 <=0.25 Susceptible  
## 520 0.5 Susceptible  
## 521 4 Susceptible  
## 522 >128 Resistant  
## 523 64 Resistant  
## 524 64 Resistant  
## 525 32 Resistant  
## 526 2 Susceptible  
## 527 8 Susceptible  
## 528 16 Intermediate  
## 529 4 Susceptible  
## 530 2 Susceptible  
## 531 8 Susceptible  
## 532 8 Susceptible  
## 533 16 Intermediate  
## 534 8 Susceptible  
## 535 64 Resistant  
## 536 32 Resistant  
## 537 >128 Resistant  
## 538 4 Susceptible  
## 539 4 Susceptible  
## 540 64 Resistant  
## 541 16 Intermediate  
## 542 32 Resistant  
## 543 >128 Resistant  
## 544 >128 Resistant  
## 545 2 Susceptible  
## 546 16 Intermediate  
## 547 2 Susceptible  
## 548 4 Susceptible  
## 549 32 Resistant  
## 550 2 Susceptible  
## 551 4 Susceptible  
## 552 >128 Resistant  
## 553 4 Susceptible  
## 554 128 Resistant  
## 555 0.5 Susceptible  
## 556 >128 Resistant  
## 557 Susceptible 1 Susceptible  
## 558 Susceptible 32 Resistant  
## 559 Intermediate 8 Susceptible  
## 560 Intermediate 1 Susceptible  
## 561 Susceptible >128 Resistant  
## 562 Intermediate 128 Resistant  
## 563 Intermediate 128 Resistant  
## 564 Intermediate 64 Resistant  
## 565 Susceptible 64 Resistant  
## 566 Susceptible 4 Susceptible  
## 567 Susceptible 8 Susceptible  
## 568 Intermediate 64 Resistant  
## 569 Susceptible 1 Susceptible  
## 570 Susceptible 1 Susceptible  
## 571 Susceptible 8 Susceptible  
## 572 Susceptible 1 Susceptible  
## 573 Resistant 16 Intermediate  
## 574 Resistant 2 Susceptible  
## 575 Susceptible 8 Susceptible  
## 576 Susceptible 4 Susceptible  
## 577 Resistant 4 Susceptible  
## 578 Susceptible 2 Susceptible  
## 579 Susceptible >128 Resistant  
## 580 Susceptible 1 Susceptible  
## 581 Intermediate >128 Resistant  
## 582 Susceptible >128 Resistant  
## 583 Susceptible 128 Resistant  
## 584 Resistant 16 Intermediate  
## 585 1 Susceptible  
## 586 2 Susceptible  
## 587 32 Resistant  
## 588 8 Susceptible  
## 589 2 Susceptible  
## 590 16 Intermediate  
## 591 4 Susceptible  
## 592 2 Susceptible  
## 593 >128 Resistant  
## 594 2 Susceptible  
## 595 8 Susceptible  
## 596 >128 Resistant  
## 597 8 Susceptible  
## 598 32 Resistant  
## 599 8 Susceptible  
## 600 16 Intermediate  
## 601 8 Susceptible  
## 602 2 Susceptible  
## 603 8 Susceptible  
## 604 >128 Resistant  
## 605 32 Resistant  
## 606 32 Resistant  
## 607 4 Susceptible  
## 608 >128 Resistant  
## 609 >128 Resistant  
## 610 8 Susceptible  
## 611 >128 Resistant  
## 612 16 Intermediate  
## 613 4 Susceptible  
## 614 >128 Resistant  
## 615 32 Resistant  
## 616 2 Susceptible  
## 617 2 Susceptible  
## 618 2 Susceptible  
## 619 >128 Resistant  
## 620 2 Susceptible  
## 621 4 Susceptible  
## 622 16 Intermediate  
## 623 1 Susceptible  
## 624 2 Susceptible  
## 625 >128 Resistant  
## 626 16 Intermediate  
## 627 2 Susceptible  
## 628 16 Intermediate  
## 629 >128 Resistant  
## 630 2 Susceptible  
## 631 4 Susceptible  
## 632 16 Intermediate  
## 633 Susceptible 1 Susceptible  
## 634 Susceptible 2 Susceptible  
## 635 Susceptible 1 Susceptible  
## 636 Susceptible 1 Susceptible  
## 637 Susceptible 4 Susceptible  
## 638 Susceptible 4 Susceptible  
## 639 Intermediate 2 Susceptible  
## 640 Resistant 2 Susceptible  
## 641 Intermediate >128 Resistant  
## 642 Susceptible 4 Susceptible  
## 643 Susceptible 2 Susceptible  
## 644 Susceptible 128 Resistant  
## 645 Susceptible >128 Resistant  
## 646 Susceptible 4 Susceptible  
## 647 Susceptible 32 Resistant  
## 648 Resistant >128 Resistant  
## 649 Resistant 128 Resistant  
## 650 >128 Resistant  
## 651 >128 Resistant  
## 652 >128 Resistant  
## 653 128 Resistant  
## 654 >128 Resistant  
## 655 8 Susceptible  
## 656 2 Susceptible  
## 657 8 Susceptible  
## 658 >128 Resistant  
## 659 8 Susceptible  
## 660 128 Resistant  
## 661 >128 Resistant  
## 662 4 Susceptible  
## 663 >128 Resistant  
## 664 >128 Resistant  
## 665 2 Susceptible  
## 666 8 Susceptible  
## 667 16 Intermediate  
## 668 16 Intermediate  
## 669 8 Susceptible  
## 670 8 Susceptible  
## 671 1 Susceptible  
## 672 >128 Resistant  
## 673 16 Intermediate  
## 674 >128 Resistant  
## 675 16 Intermediate  
## 676 64 Resistant  
## 677 32 Resistant  
## 678 >128 Resistant  
## 679 >128 Resistant  
## 680 >128 Resistant  
## 681 >128 Resistant  
## 682 Susceptible 4 Susceptible  
## 683 Intermediate 2 Susceptible  
## 684 Susceptible 1 Susceptible  
## 685 Resistant 2 Susceptible  
## 686 Resistant 1 Susceptible  
## 687 Resistant 16 Intermediate  
## 688 Resistant 8 Susceptible  
## 689 Resistant 8 Susceptible  
## 690 Resistant 4 Susceptible  
## 691 Resistant >128 Resistant  
## 692 Resistant 8 Susceptible  
## 693 Susceptible 1 Susceptible  
## 694 Intermediate 8 Susceptible  
## 695 Intermediate 1 Susceptible  
## 696 Susceptible 8 Susceptible  
## 697 >128 Resistant  
## 698 >128 Resistant  
## 699 8 Susceptible  
## 700 2 Susceptible  
## 701 32 Resistant  
## 702 16 Intermediate  
## 703 64 Resistant  
## 704 32 Resistant  
## 705 16 Intermediate  
## 706 >128 Resistant  
## 707 16 Intermediate  
## 708 8 Susceptible  
## 709 >128 Resistant  
## 710 16 Intermediate  
## 711 8 Susceptible  
## 712 2 Susceptible  
## 713 128 Resistant  
## 714 32 Resistant  
## 715 >128 Resistant  
## 716 >128 Resistant  
## 717 32 Resistant  
## 718 8 Susceptible  
## 719 4 Susceptible  
## 720 16 Intermediate  
## 721 4 Susceptible  
## 722 >128 Resistant  
## 723 8 Susceptible  
## 724 4 Susceptible  
## 725 >128 Resistant  
## 726 1 Susceptible  
## 727 >128 Resistant  
## 728 1 Susceptible  
## 729 >128 Resistant  
## 730 >128 Resistant  
## 731 Susceptible 0.25 Susceptible  
## 732 Susceptible 1 Susceptible  
## 733 Susceptible 2 Susceptible  
## 734 Susceptible 2 Susceptible  
## 735 Susceptible 2 Susceptible  
## 736 Intermediate 16 Intermediate  
## 737 Resistant 2 Susceptible  
## 738 Susceptible 2 Susceptible  
## 739 Intermediate 32 Resistant  
## 740 Intermediate 16 Intermediate  
## Tigecycline Tigecycline\_I Vancomycin Vancomycin\_I Ampicillin.sulbactam Ampicillin.sulbactam\_I  
## 1 1 Susceptible   
## 2 0.25 Susceptible   
## 3 0.25 Susceptible   
## 4 1 Susceptible   
## 5 0.5 Susceptible   
## 6 0.25 Susceptible   
## 7 1 Susceptible   
## 8 0.5 Susceptible   
## 9 0.5 Susceptible   
## 10 0.5 Susceptible   
## 11 1 Susceptible   
## 12 0.25 Susceptible   
## 13 0.25 Susceptible   
## 14 2 Susceptible   
## 15 4 Intermediate   
## 16 0.25 Susceptible   
## 17 0.5 Susceptible   
## 18 0.5 Susceptible   
## 19 1 Susceptible   
## 20 0.5 Susceptible   
## 21 0.25 Susceptible   
## 22 0.25 Susceptible   
## 23 0.5 Susceptible   
## 24 1 Susceptible   
## 25 0.5 Susceptible   
## 26 1 Susceptible   
## 27 0.5 Susceptible   
## 28 2 Susceptible   
## 29 2 Susceptible   
## 30 2 Susceptible   
## 31 2 Susceptible   
## 32 2 Susceptible   
## 33 1 Susceptible   
## 34 1 Susceptible   
## 35 1 Susceptible   
## 36 2 Susceptible   
## 37 2 Susceptible   
## 38 4 Intermediate   
## 39 4 Intermediate   
## 40 1 Susceptible   
## 41 1 Susceptible   
## 42 1 Susceptible   
## 43 1 Susceptible   
## 44 0.5 Susceptible   
## 45 0.5 Susceptible   
## 46 1 Susceptible   
## 47 0.5 Susceptible   
## 48 1 Susceptible   
## 49 1 Susceptible   
## 50 2 Susceptible   
## 51 1 Susceptible   
## 52 1 Susceptible   
## 53 1 Susceptible   
## 54 1 Susceptible   
## 55 0.5 Susceptible   
## 56 2 Susceptible   
## 57 2 Susceptible   
## 58 1 Susceptible   
## 59 0.25 Susceptible   
## 60 0.5 Susceptible   
## 61 0.5 Susceptible   
## 62 0.12 Susceptible   
## 63 0.12 Susceptible   
## 64 0.25 Susceptible   
## 65 0.25 Susceptible   
## 66 0.5 Susceptible   
## 67 0.5 Susceptible   
## 68 0.5 Susceptible   
## 69 0.5 Susceptible   
## 70 0.25 Susceptible   
## 71 0.25 Susceptible   
## 72 0.5 Susceptible   
## 73 0.5 Susceptible   
## 74 1 Susceptible   
## 75 0.5 Susceptible   
## 76 0.5 Susceptible   
## 77 0.5 Susceptible   
## 78 0.5 Susceptible   
## 79 0.5 Susceptible   
## 80 4 Intermediate   
## 81 2 Susceptible   
## 82 0.5 Susceptible   
## 83 2 Susceptible   
## 84 2 Susceptible   
## 85 1 Susceptible   
## 86 2 Susceptible   
## 87 1 Susceptible   
## 88 1 Susceptible   
## 89 0.25 Susceptible   
## 90 2 Susceptible   
## 91 1 Susceptible   
## 92 0.5 Susceptible   
## 93 0.5 Susceptible   
## 94 1 Susceptible   
## 95 0.25 Susceptible   
## 96 0.25 Susceptible   
## 97 0.25 Susceptible   
## 98 2 Susceptible   
## 99 0.25 Susceptible   
## 100 0.5 Susceptible   
## 101 0.5 Susceptible   
## 102 0.25 Susceptible   
## 103 0.12 Susceptible   
## 104 0.25 Susceptible   
## 105 0.5 Susceptible   
## 106 2 Susceptible   
## 107 1 Susceptible   
## 108 1 Susceptible   
## 109 0.25 Susceptible   
## 110 0.25 Susceptible   
## 111 0.5 Susceptible   
## 112 0.5 Susceptible   
## 113 0.5 Susceptible   
## 114 1 Susceptible   
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## 116 1 Susceptible   
## 117 1 Susceptible   
## 118 0.25 Susceptible   
## 119 0.12 Susceptible   
## 120 0.5 Susceptible   
## 121 0.25 Susceptible   
## 122 0.5 Susceptible   
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## 127 0.5 Susceptible   
## 128 0.5 Susceptible   
## 129 2 Susceptible   
## 130 1 Susceptible   
## 131 1 Susceptible   
## 132 1 Susceptible   
## 133 1 Susceptible   
## 134 0.25 Susceptible   
## 135 0.25 Susceptible   
## 136 2 Susceptible   
## 137 1 Susceptible   
## 138 2 Susceptible   
## 139 0.5 Susceptible   
## 140 1 Susceptible   
## 141 1 Susceptible   
## 142 0.25 Susceptible   
## 143 4 Intermediate   
## 144 1 Susceptible   
## 145 0.5 Susceptible   
## 146 0.5 Susceptible   
## 147 0.5 Susceptible   
## 148 0.25 Susceptible   
## 149 0.12 Susceptible   
## 150 0.25 Susceptible   
## 151 1 Susceptible   
## 152 0.12 Susceptible   
## 153 0.25 Susceptible   
## 154 1 Susceptible   
## 155 1 Susceptible   
## 156 2 Susceptible   
## 157 0.5 Susceptible   
## 158 0.5 Susceptible   
## 159 2 Susceptible   
## 160 0.5 Susceptible   
## 161 2 Susceptible   
## 162 0.5 Susceptible   
## 163 2 Susceptible   
## 164 0.25 Susceptible   
## 165 0.5 Susceptible   
## 166 0.25 Susceptible   
## 167 0.5 Susceptible   
## 168 1 Susceptible   
## 169 1 Susceptible   
## 170 0.5 Susceptible   
## 171 0.25 Susceptible   
## 172 0.25 Susceptible   
## 173 0.5 Susceptible   
## 174 0.5 Susceptible   
## 175 0.12 Susceptible   
## 176 0.25 Susceptible   
## 177 1 Susceptible   
## 178 0.12 Susceptible   
## 179 0.25 Susceptible   
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## 181 0.12 Susceptible   
## 182 0.25 Susceptible   
## 183 0.5 Susceptible   
## 184 0.25 Susceptible   
## 185 0.5 Susceptible   
## 186 2 Susceptible   
## 187 1 Susceptible   
## 188 1 Susceptible   
## 189 1 Susceptible   
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## 191 1 Susceptible   
## 192 0.5 Susceptible   
## 193 0.5 Susceptible   
## 194 2 Susceptible   
## 195 2 Susceptible   
## 196 2 Susceptible   
## 197 2 Susceptible   
## 198 2 Susceptible   
## 199 1 Susceptible   
## 200 0.5 Susceptible   
## 201 2 Susceptible   
## 202 1 Susceptible   
## 203 0.5 Susceptible   
## 204 1 Susceptible   
## 205 0.5 Susceptible   
## 206 0.5 Susceptible   
## 207 1 Susceptible   
## 208 8   
## 209 >8   
## 210 8 Resistant   
## 211 0.5 Susceptible   
## 212 2 Susceptible   
## 213 2 Susceptible   
## 214 0.5 Susceptible   
## 215 0.5 Susceptible   
## 216 0.25 Susceptible   
## 217 2 Susceptible   
## 218 0.5 Susceptible   
## 219 0.5 Susceptible   
## 220 2 Susceptible   
## 221 0.5 Susceptible   
## 222 2 Susceptible   
## 223 0.06 Susceptible   
## 224 0.25 Susceptible   
## 225 0.25 Susceptible   
## 226 0.5 Susceptible   
## 227 0.25 Susceptible   
## 228 0.25 Susceptible   
## 229 0.5 Susceptible   
## 230 2 Susceptible   
## 231 0.25 Susceptible   
## 232 0.5 Susceptible   
## 233 4 Intermediate   
## 234 0.5 Susceptible   
## 235 0.25 Susceptible   
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## 237 0.5 Susceptible   
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## 239 2 Susceptible   
## 240 0.12 Susceptible   
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## 243 1 Susceptible   
## 244 0.12 Susceptible   
## 245 0.5 Susceptible   
## 246 0.5 Susceptible   
## 247 1 Susceptible   
## 248 0.12 Susceptible   
## 249 2 Susceptible   
## 250 0.5 Susceptible   
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## 258 0.5 Susceptible   
## 259 0.12 Susceptible   
## 260 0.5 Susceptible   
## 261 1 Susceptible   
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## 264 0.12 Susceptible   
## 265 1 Susceptible   
## 266 0.12 Susceptible   
## 267 4 Intermediate   
## 268 0.25 Susceptible   
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## 274 0.5 Susceptible   
## 275 0.12 Susceptible   
## 276 1 Susceptible   
## 277 0.5 Susceptible   
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## 282 0.25 Susceptible   
## 283 0.12 Susceptible   
## 284 1 Susceptible   
## 285 0.5 Susceptible   
## 286 0.25 Susceptible   
## 287 4 Intermediate   
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## 296 1 Susceptible   
## 297 1 Susceptible   
## 298 0.12 Susceptible   
## 299 0.5 Susceptible   
## 300 4 Intermediate   
## 301 1 Susceptible   
## 302 0.5 Susceptible   
## 303 4 Intermediate   
## 304 2 Susceptible   
## 305 1 Susceptible   
## 306 0.25 Susceptible   
## 307 0.5 Susceptible   
## 308 1 Susceptible   
## 309 1 Susceptible   
## 310 1 Susceptible   
## 311 0.25 Susceptible   
## 312 2 Susceptible   
## 313 0.25 Susceptible   
## 314 0.5 Susceptible   
## 315 1 Susceptible   
## 316 0.5 Susceptible   
## 317 1 Susceptible   
## 318 1 Susceptible   
## 319 1 Susceptible   
## 320 0.25 Susceptible   
## 321 1 Susceptible   
## 322 0.5 Susceptible   
## 323 0.5 Susceptible   
## 324 0.5 Susceptible   
## 325 1 Susceptible   
## 326 0.5 Susceptible   
## 327 0.5 Susceptible   
## 328 2 Susceptible   
## 329 0.12 Susceptible   
## 330 0.25 Susceptible   
## 331 2 Susceptible   
## 332 0.5 Susceptible   
## 333 0.5 Susceptible   
## 334 1 Susceptible   
## 335 0.12 Susceptible   
## 336 0.5 Susceptible   
## 337 0.5 Susceptible   
## 338 0.5 Susceptible   
## 339 1 Susceptible   
## 340 1 Susceptible   
## 341 1 Susceptible   
## 342 0.25 Susceptible   
## 343 0.5 Susceptible   
## 344 0.5 Susceptible   
## 345 0.25 Susceptible   
## 346 0.5 Susceptible   
## 347 0.25 Susceptible   
## 348 0.5 Susceptible   
## 349 0.5 Susceptible   
## 350 0.5 Susceptible   
## 351 >8   
## 352 0.5 Susceptible   
## 353 1 Susceptible   
## 354 0.5 Susceptible   
## 355 0.5 Susceptible   
## 356 0.25 Susceptible   
## 357 0.5 Susceptible   
## 358 0.25 Susceptible   
## 359 1 Susceptible   
## 360 0.25 Susceptible   
## 361 0.25 Susceptible   
## 362 0.5 Susceptible   
## 363 4 Intermediate   
## 364 2 Susceptible   
## 365 0.25 Susceptible   
## 366 0.5 Susceptible   
## 367 0.25 Susceptible   
## 368 1 Susceptible   
## 369 0.5 Susceptible   
## 370 0.12 Susceptible   
## 371 0.12 Susceptible   
## 372 0.5 Susceptible   
## 373 0.5 Susceptible   
## 374 0.5 Susceptible   
## 375 0.5 Susceptible   
## 376 0.5 Susceptible   
## 377 0.5 Susceptible   
## 378 0.5 Susceptible   
## 379 1 Susceptible   
## 380 0.5 Susceptible   
## 381 0.12 Susceptible   
## 382 0.12 Susceptible   
## 383 0.12 Susceptible   
## 384 0.12 Susceptible   
## 385 0.5 Susceptible   
## 386 0.5 Susceptible   
## 387 0.25 Susceptible   
## 388 0.25 Susceptible   
## 389 1 Susceptible   
## 390 2 Susceptible   
## 391 0.5 Susceptible   
## 392 0.5 Susceptible   
## 393 0.5 Susceptible   
## 394 0.25 Susceptible   
## 395 0.25 Susceptible   
## 396 0.5 Susceptible   
## 397 1 Susceptible   
## 398 0.12 Susceptible   
## 399 0.5 Susceptible   
## 400 0.5 Susceptible   
## 401 1 Susceptible   
## 402 0.25 Susceptible   
## 403 0.25 Susceptible   
## 404 1 Susceptible   
## 405 0.5 Susceptible   
## 406 0.5 Susceptible   
## 407 0.5 Susceptible   
## 408 0.12 Susceptible   
## 409 0.5 Susceptible   
## 410 0.12 Susceptible   
## 411 0.25 Susceptible   
## 412 0.25 Susceptible   
## 413 0.5 Susceptible   
## 414 0.12 Susceptible   
## 415 0.25 Susceptible   
## 416 4 Intermediate   
## 417 0.5 Susceptible   
## 418 0.5 Susceptible   
## 419 0.5 Susceptible   
## 420 0.5 Susceptible   
## 421 0.5 Susceptible   
## 422 0.5 Susceptible   
## 423 0.5 Susceptible   
## 424 0.5 Susceptible   
## 425 0.25 Susceptible   
## 426 2 Susceptible   
## 427 0.5 Susceptible   
## 428 0.5 Susceptible   
## 429 0.25 Susceptible   
## 430 0.5 Susceptible   
## 431 0.12 Susceptible   
## 432 0.25 Susceptible   
## 433 0.25 Susceptible   
## 434 0.12 Susceptible   
## 435 0.5 Susceptible   
## 436 0.25 Susceptible   
## 437 0.5 Susceptible   
## 438 0.5 Susceptible   
## 439 0.5 Susceptible   
## 440 0.5 Susceptible   
## 441 0.5 Susceptible   
## 442 0.12 Susceptible   
## 443 0.5 Susceptible   
## 444 0.25 Susceptible   
## 445 0.25 Susceptible   
## 446 0.5 Susceptible   
## 447 0.5 Susceptible   
## 448 0.5 Susceptible   
## 449 0.5 Susceptible   
## 450 0.5 Susceptible   
## 451 0.25 Susceptible   
## 452 4 Intermediate   
## 453 0.5 Susceptible   
## 454 0.25 Susceptible   
## 455 0.5 Susceptible   
## 456 0.5 Susceptible   
## 457 0.25 Susceptible   
## 458 1 Susceptible   
## 459 0.5 Susceptible   
## 460 0.06 Susceptible   
## 461 0.25 Susceptible   
## 462 0.25 Susceptible   
## 463 0.25 Susceptible   
## 464 0.25 Susceptible   
## 465 0.25 Susceptible   
## 466 0.25 Susceptible   
## 467 0.25 Susceptible   
## 468 4 Intermediate   
## 469 0.25 Susceptible   
## 470 0.5 Susceptible   
## 471 0.5 Susceptible   
## 472 0.5 Susceptible   
## 473 0.25 Susceptible   
## 474 0.25 Susceptible   
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## 479 0.25 Susceptible   
## 480 0.25 Susceptible   
## 481 0.25 Susceptible   
## 482 0.5 Susceptible   
## 483 0.12 Susceptible   
## 484 0.12 Susceptible   
## 485 0.12 Susceptible   
## 486 0.12 Susceptible   
## 487 0.12 Susceptible   
## 488 0.12 Susceptible   
## 489 0.12 Susceptible   
## 490 0.12 Susceptible   
## 491 0.12 Susceptible   
## 492 0.25 Susceptible   
## 493 0.25 Susceptible   
## 494 0.25 Susceptible   
## 495 0.25 Susceptible   
## 496 0.5 Susceptible   
## 497 1 Susceptible   
## 498 1 Susceptible   
## 499 0.25 Susceptible   
## 500 0.25 Susceptible   
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## 505 0.25 Susceptible   
## 506 0.25 Susceptible   
## 507 0.5 Susceptible   
## 508 0.25 Susceptible   
## 509 0.12 Susceptible   
## 510 0.12 Susceptible   
## 511 0.25 Susceptible   
## 512 0.25 Susceptible   
## 513 2 Susceptible   
## 514 0.12 Susceptible   
## 515 0.25 Susceptible   
## 516 0.5 Susceptible   
## 517 1 Susceptible   
## 518 0.25 Susceptible   
## 519 2 Susceptible   
## 520 2 Susceptible   
## 521 0.12 Susceptible   
## 522 0.5 Susceptible   
## 523 0.5 Susceptible   
## 524 0.5 Susceptible   
## 525 0.12 Susceptible   
## 526 0.06 Susceptible   
## 527 0.25 Susceptible   
## 528 0.25 Susceptible   
## 529 4 Intermediate   
## 530 0.25 Susceptible   
## 531 0.12 Susceptible   
## 532 0.25 Susceptible   
## 533 0.25 Susceptible   
## 534 0.25 Susceptible   
## 535 0.5 Susceptible   
## 536 0.5 Susceptible   
## 537 1 Susceptible   
## 538 0.5 Susceptible   
## 539 0.25 Susceptible   
## 540 0.25 Susceptible   
## 541 0.5 Susceptible   
## 542 0.5 Susceptible   
## 543 0.5 Susceptible   
## 544 >8 Resistant   
## 545 0.12 Susceptible   
## 546 0.5 Susceptible   
## 547 0.5 Susceptible   
## 548 0.5 Susceptible   
## 549 4 Intermediate   
## 550 0.25 Susceptible   
## 551 0.12 Susceptible   
## 552 0.25 Susceptible   
## 553 1 Susceptible   
## 554 1 Susceptible   
## 555 0.5 Susceptible   
## 556 1 Susceptible   
## 557 0.12 Susceptible   
## 558 0.25 Susceptible   
## 559 0.06 Susceptible   
## 560 0.06 Susceptible   
## 561 0.06 Susceptible   
## 562 0.25 Susceptible   
## 563 0.5 Susceptible   
## 564 0.5 Susceptible   
## 565 0.25 Susceptible   
## 566 0.5 Susceptible   
## 567 0.25 Susceptible   
## 568 0.25 Susceptible   
## 569 0.25 Susceptible   
## 570 0.12 Susceptible   
## 571 0.5 Susceptible   
## 572 0.25 Susceptible   
## 573 4 Intermediate   
## 574 0.25 Susceptible   
## 575 0.12 Susceptible   
## 576 0.25 Susceptible   
## 577 0.25 Susceptible   
## 578 0.25 Susceptible   
## 579 0.5 Susceptible   
## 580 0.25 Susceptible   
## 581 4 Intermediate   
## 582 1 Susceptible   
## 583 1 Susceptible   
## 584 4 Intermediate   
## 585 0.25 Susceptible   
## 586 0.12 Susceptible   
## 587 0.06 Susceptible   
## 588 0.25 Susceptible   
## 589 0.06 Susceptible   
## 590 1 Susceptible   
## 591 0.25 Susceptible   
## 592 0.25 Susceptible   
## 593 1 Susceptible   
## 594 0.25 Susceptible   
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## 597 0.5 Susceptible   
## 598 1 Susceptible   
## 599 0.25 Susceptible   
## 600 0.25 Susceptible   
## 601 0.5 Susceptible   
## 602 0.5 Susceptible   
## 603 0.25 Susceptible   
## 604 0.25 Susceptible   
## 605 0.5 Susceptible   
## 606 1 Susceptible   
## 607 0.5 Susceptible   
## 608 0.5 Susceptible   
## 609 0.25 Susceptible   
## 610 0.12 Susceptible   
## 611 2 Susceptible   
## 612 0.25 Susceptible   
## 613 0.25 Susceptible   
## 614 0.5 Susceptible   
## 615 0.5 Susceptible   
## 616 0.25 Susceptible   
## 617 0.25 Susceptible   
## 618 0.25 Susceptible   
## 619 0.25 Susceptible   
## 620 1 Susceptible   
## 621 0.25 Susceptible   
## 622 1 Susceptible   
## 623 0.12 Susceptible   
## 624 0.5 Susceptible   
## 625 0.5 Susceptible   
## 626 0.25 Susceptible   
## 627 0.25 Susceptible   
## 628 0.5 Susceptible   
## 629 1 Susceptible   
## 630 0.12 Susceptible   
## 631 0.12 Susceptible   
## 632 0.12 Susceptible   
## 633 0.12 Susceptible   
## 634 0.25 Susceptible   
## 635 0.25 Susceptible   
## 636 0.12 Susceptible   
## 637 0.12 Susceptible   
## 638 0.25 Susceptible   
## 639 0.12 Susceptible   
## 640 1 Susceptible   
## 641 1 Susceptible   
## 642 1 Susceptible   
## 643 0.5 Susceptible   
## 644 0.25 Susceptible   
## 645 0.25 Susceptible   
## 646 0.25 Susceptible   
## 647 0.5 Susceptible   
## 648 0.5 Susceptible   
## 649 0.25 Susceptible   
## 650 1 Susceptible   
## 651 0.5 Susceptible   
## 652 >8 Resistant   
## 653 0.5 Susceptible   
## 654 2 Susceptible   
## 655 1 Susceptible   
## 656 0.25 Susceptible   
## 657 2 Susceptible   
## 658 0.5 Susceptible   
## 659 1 Susceptible   
## 660 0.25 Susceptible   
## 661 2 Susceptible   
## 662 0.12 Susceptible   
## 663 2 Susceptible   
## 664 2 Susceptible   
## 665 0.25 Susceptible   
## 666 0.5 Susceptible   
## 667 0.5 Susceptible   
## 668 1 Susceptible   
## 669 0.12 Susceptible   
## 670 0.5 Susceptible   
## 671 0.25 Susceptible   
## 672 0.5 Susceptible   
## 673 0.12 Susceptible   
## 674 0.5 Susceptible   
## 675 0.5 Susceptible   
## 676 0.5 Susceptible   
## 677 0.5 Susceptible   
## 678 1 Susceptible   
## 679 0.5 Susceptible   
## 680 0.5 Susceptible   
## 681 0.25 Susceptible   
## 682 0.25 Susceptible   
## 683 0.5 Susceptible   
## 684 0.5 Susceptible   
## 685 0.5 Susceptible   
## 686 0.25 Susceptible   
## 687 4 Intermediate   
## 688 1 Susceptible   
## 689 4 Intermediate   
## 690 0.5 Susceptible   
## 691 0.25 Susceptible   
## 692 0.25 Susceptible   
## 693 0.25 Susceptible   
## 694 0.12 Susceptible   
## 695 0.5 Susceptible   
## 696 0.5 Susceptible   
## 697 0.25 Susceptible   
## 698 0.5 Susceptible   
## 699 0.25 Susceptible   
## 700 0.25 Susceptible   
## 701 1 Susceptible   
## 702 1 Susceptible   
## 703 0.5 Susceptible   
## 704 1 Susceptible   
## 705 0.25 Susceptible   
## 706 0.25 Susceptible   
## 707 1 Susceptible   
## 708 0.25 Susceptible   
## 709 1 Susceptible   
## 710 0.25 Susceptible   
## 711 0.5 Susceptible   
## 712 0.25 Susceptible   
## 713 0.5 Susceptible   
## 714 1 Susceptible   
## 715 0.5 Susceptible   
## 716 0.5 Susceptible   
## 717 1 Susceptible   
## 718 0.25 Susceptible   
## 719 0.25 Susceptible   
## 720 1 Susceptible   
## 721 0.25 Susceptible   
## 722 0.25 Susceptible   
## 723 0.25 Susceptible   
## 724 0.5 Susceptible   
## 725 0.25 Susceptible   
## 726 0.12 Susceptible   
## 727 0.25 Susceptible   
## 728 0.25 Susceptible   
## 729 0.25 Susceptible   
## 730 1 Susceptible   
## 731 1 Susceptible   
## 732 1 Susceptible   
## 733 1 Susceptible   
## 734 1 Susceptible   
## 735 0.25 Susceptible   
## 736 2 Susceptible   
## 737 0.25 Susceptible   
## 738 0.5 Susceptible   
## 739 2 Susceptible   
## 740 2 Susceptible   
## Aztreonam Aztreonam\_I Aztreonam.avibactam Aztreonam.avibactam\_I Cefixime Cefixime\_I  
## 1 32 Resistant 0.06 NA   
## 2 64 Resistant 0.06 NA   
## 3 64 Resistant 0.03 NA   
## 4 64 Resistant 0.03 NA   
## 5 64 Resistant 0.06 NA   
## 6 128 Resistant 0.03 NA   
## 7 >128 Resistant 0.03 NA   
## 8 32 Resistant 0.06 NA   
## 9 64 Resistant 0.06 NA   
## 10 16 Resistant 0.03 NA   
## 11 32 Resistant 0.03 NA   
## 12 32 Resistant 0.03 NA   
## 13 32 Resistant 0.12 NA   
## 14 128 Resistant 0.06 NA   
## 15 16 Resistant 0.06 NA   
## 16 128 Resistant <=0.015 NA   
## 17 32 Resistant 0.12 NA   
## 18 128 Resistant 0.03 NA   
## 19 64 Resistant 0.06 NA   
## 20 128 Resistant 0.06 NA   
## 21 64 Resistant 0.06 NA   
## 22 64 Resistant 0.03 NA   
## 23 32 Resistant 0.06 NA   
## 24 32 Resistant 0.06 NA   
## 25 128 Resistant 0.12 NA   
## 26 32 Resistant 0.06 NA   
## 27 32 Resistant 0.06 NA   
## 28 16 Resistant 0.06 NA   
## 29 <=0.015 Susceptible <=0.015 NA   
## 30 1 Susceptible <=0.015 NA   
## 31 128 Resistant 0.25 NA   
## 32 64 Resistant 0.25 NA   
## 33 64 Resistant 0.5 NA   
## 34 128 Resistant 0.12 NA   
## 35 >128 Resistant 0.12 NA   
## 36 128 Resistant 0.12 NA   
## 37 64 Resistant <=0.015 NA   
## 38 128 Resistant 0.06 NA   
## 39 >128 Resistant 0.25 NA   
## 40 64 Resistant 0.03 NA   
## 41 32 Resistant 0.25 NA   
## 42 64 Resistant 0.03 NA   
## 43 64 Resistant 0.03 NA   
## 44 32 Resistant 0.06 NA   
## 45 128 Resistant 0.12 NA   
## 46 >128 Resistant 0.06 NA   
## 47 32 Resistant 0.03 NA   
## 48 32 Resistant 0.03 NA   
## 49 64 Resistant 0.06 NA   
## 50 >128 Resistant 0.06 NA   
## 51 32 Resistant 0.06 NA   
## 52 16 Resistant 0.03 NA   
## 53 32 Resistant 0.03 NA   
## 54 128 Resistant 0.5 NA   
## 55 64 Resistant 0.06 NA   
## 56 0.25 Susceptible <=0.015 NA   
## 57 0.5 Susceptible <=0.015 NA   
## 58 32 Resistant 0.06 NA   
## 59 32 Resistant 16 NA   
## 60 64 Resistant 0.06 NA   
## 61 64 Resistant 0.06 NA   
## 62 64 Resistant 0.03 NA   
## 63 64 Resistant 0.06 NA   
## 64 128 Resistant 0.06 NA   
## 65 32 Resistant 0.06 NA   
## 66 16 Resistant 0.25 NA   
## 67 16 Resistant 0.12 NA   
## 68 64 Resistant 0.03 NA   
## 69 64 Resistant 0.06 NA   
## 70 64 Resistant 0.06 NA   
## 71 16 Resistant 0.03 NA   
## 72 128 Resistant 0.12 NA   
## 73 128 Resistant 0.12 NA   
## 74 32 Resistant 0.03 NA   
## 75 64 Resistant 0.06 NA   
## 76 64 Resistant 0.06 NA   
## 77 64 Resistant 0.06 NA   
## 78 64 Resistant 0.06 NA   
## 79 128 Resistant 0.12 NA   
## 80 >128 Resistant 0.12 NA   
## 81 128 Resistant 0.12 NA   
## 82 128 Resistant 0.12 NA   
## 83 128 Resistant 0.25 NA   
## 84 64 Resistant 0.06 NA   
## 85 64 Resistant <=0.015 NA   
## 86 128 Resistant 2 NA   
## 87 16 Resistant 0.25 NA   
## 88 4 Susceptible 0.25 NA   
## 89 128 Resistant 0.25 NA   
## 90 64 Resistant 0.06 NA   
## 91 64 Resistant 0.06 NA   
## 92 64 Resistant 0.06 NA   
## 93 64 Resistant 0.03 NA   
## 94 128 Resistant 0.12 NA   
## 95 >128 Resistant 0.06 NA   
## 96 64 Resistant 0.12 NA   
## 97 16 Resistant 0.06 NA   
## 98 >128 Resistant 0.12 NA   
## 99 64 Resistant 0.06 NA   
## 100 64 Resistant 0.06 NA   
## 101 64 Resistant 0.12 NA   
## 102 64 Resistant 0.03 NA   
## 103 8 Intermediate 0.06 NA   
## 104 128 Resistant 0.25 NA   
## 105 >128 Resistant 0.06 NA   
## 106 >128 Resistant 0.12 NA   
## 107 128 Resistant <=0.015 NA   
## 108 16 Resistant <=0.015 NA   
## 109 16 Resistant <=0.015 NA   
## 110 128 Resistant 0.12 NA   
## 111 64 Resistant 0.03 NA   
## 112 16 Resistant <=0.015 NA   
## 113 32 Resistant 0.03 NA   
## 114 128 Resistant 0.12 NA   
## 115 64 Resistant 0.03 NA   
## 116 64 Resistant 0.03 NA   
## 117 64 Resistant 0.12 NA   
## 118 64 Resistant 0.06 NA   
## 119 64 Resistant 0.03 NA   
## 120 64 Resistant 0.12 NA   
## 121 2 Susceptible 0.03 NA   
## 122 64 Resistant 0.06 NA   
## 123 32 Resistant <=0.015 NA   
## 124 64 Resistant 0.12 NA   
## 125 32 Resistant 0.03 NA   
## 126 64 Resistant 0.06 NA   
## 127 64 Resistant 0.12 NA   
## 128 32 Resistant 0.03 NA   
## 129 32 Resistant 0.12 NA   
## 130 32 Resistant 0.06 NA   
## 131 64 Resistant 0.03 NA   
## 132 64 Resistant 0.12 NA   
## 133 32 Resistant 0.5 NA   
## 134 32 Resistant 0.12 NA   
## 135 64 Resistant 0.06 NA   
## 136 128 Resistant <=0.015 NA   
## 137 32 Resistant 0.06 NA   
## 138 2 Susceptible <=0.015 NA   
## 139 64 Resistant 0.03 NA   
## 140 64 Resistant 1 NA   
## 141 32 Resistant 0.5 NA   
## 142 1 Susceptible 0.12 NA   
## 143 32 Resistant 0.12 NA   
## 144 128 Resistant 0.12 NA   
## 145 64 Resistant 0.12 NA   
## 146 32 Resistant 0.03 NA   
## 147 128 Resistant 0.06 NA   
## 148 32 Resistant <=0.015 NA   
## 149 64 Resistant 0.03 NA   
## 150 64 Resistant 0.03 NA   
## 151 32 Resistant 0.06 NA   
## 152 2 Susceptible 0.06 NA   
## 153 64 Resistant 0.06 NA   
## 154 64 Resistant 0.12 NA   
## 155 64 Resistant 0.06 NA   
## 156 32 Resistant <=0.015 NA   
## 157 16 Resistant 0.03 NA   
## 158 32 Resistant 0.03 NA   
## 159 0.06 Susceptible <=0.015 NA   
## 160 64 Resistant 0.06 NA   
## 161 >128 Resistant 0.5 NA   
## 162 64 Resistant 0.06 NA   
## 163 2 Susceptible <=0.015 NA   
## 164 32 Resistant 0.03 NA   
## 165 128 Resistant 0.03 NA   
## 166 16 Resistant 0.06 NA   
## 167 128 Resistant 0.06 NA   
## 168 64 Resistant 0.06 NA   
## 169 >128 Resistant 0.5 NA   
## 170 64 Resistant 0.25 NA   
## 171 16 Resistant 0.12 NA   
## 172 32 Resistant 0.25 NA   
## 173 32 Resistant 0.25 NA   
## 174 32 Resistant 0.06 NA   
## 175 64 Resistant <=0.015 NA   
## 176 32 Resistant <=0.015 NA   
## 177 32 Resistant 0.06 NA   
## 178 >128 Resistant 0.25 NA   
## 179 2 Susceptible <=0.015 NA   
## 180 32 Resistant 0.06 NA   
## 181 0.03 Susceptible 0.03 NA   
## 182 32 Resistant 0.03 NA   
## 183 32 Resistant <=0.015 NA   
## 184 32 Resistant <=0.015 NA   
## 185 32 Resistant 0.03 NA   
## 186 64 Resistant 0.12 NA   
## 187 32 Resistant 0.25 NA   
## 188 32 Resistant 0.03 NA   
## 189 128 Resistant 0.06 NA   
## 190 128 Resistant 0.12 NA   
## 191 128 Resistant 0.06 NA   
## 192 32 Resistant 0.03 NA   
## 193 16 Resistant <=0.015 NA   
## 194 128 Resistant 0.5 NA   
## 195 0.5 Susceptible 0.06 NA   
## 196 32 Resistant 0.25 NA   
## 197 64 Resistant 0.06 NA   
## 198 32 Resistant 0.12 NA   
## 199 32 Resistant 0.03 NA   
## 200 16 Resistant 0.06 NA   
## 201 32 Resistant <=0.015 NA   
## 202 32 Resistant 0.06 NA   
## 203 128 Resistant 0.03 NA   
## 204 >128 Resistant 0.06 NA   
## 205 64 Resistant <=0.015 NA   
## 206 32 Resistant 0.03 NA   
## 207 32 Resistant <=0.015 NA   
## 208 >128 Resistant 16 NA   
## 209 >128 Resistant 64 NA   
## 210 >128 Resistant 0.25 NA   
## 211 128 Resistant 0.06 NA   
## 212 0.12 Susceptible 0.12 NA   
## 213 64 Resistant 0.06 NA   
## 214 16 Resistant 0.06 NA   
## 215 16 Resistant 0.06 NA   
## 216 16 Resistant 0.03 NA   
## 217 1 Susceptible <=0.015 NA   
## 218 32 Resistant 0.25 NA   
## 219 64 Resistant 0.12 NA   
## 220 16 Resistant 0.06 NA   
## 221 8 Intermediate 0.03 NA   
## 222 16 Resistant 0.06 NA   
## 223 16 Resistant <=0.015 NA   
## 224 32 Resistant <=0.015 NA   
## 225 64 Resistant 0.06 NA   
## 226 128 Resistant 0.06 NA   
## 227 128 Resistant 0.06 NA   
## 228 16 Resistant 0.06 NA   
## 229 128 Resistant 0.12 NA   
## 230 32 Resistant 0.06 NA   
## 231 0.12 Susceptible 0.03 NA   
## 232 32 Resistant 0.03 NA   
## 233 32 Resistant 0.25 NA   
## 234 64 Resistant 0.06 NA   
## 235 64 Resistant 0.06 NA   
## 236 32 Resistant 0.06 NA   
## 237 128 Resistant 0.12 NA   
## 238 0.12 Susceptible 0.12 NA   
## 239 16 Resistant <=0.015 NA   
## 240 16 Resistant 0.03 NA   
## 241 64 Resistant 0.03 NA   
## 242 64 Resistant <=0.015 NA   
## 243 64 Resistant 0.06 NA   
## 244 32 Resistant <=0.015 NA   
## 245 32 Resistant 0.06 NA   
## 246 64 Resistant 0.03 NA   
## 247 64 Resistant 0.03 NA   
## 248 128 Resistant 0.03 NA   
## 249 128 Resistant 0.12 NA   
## 250 128 Resistant 0.06 NA   
## 251 128 Resistant 0.12 NA   
## 252 128 Resistant 1 NA   
## 253 8 Intermediate <=0.015 NA   
## 254 128 Resistant 0.12 NA   
## 255 32 Resistant 0.06 NA   
## 256 32 Resistant 0.06 NA   
## 257 16 Resistant 0.06 NA   
## 258 32 Resistant 0.03 NA   
## 259 32 Resistant 0.03 NA   
## 260 32 Resistant 0.06 NA   
## 261 64 Resistant 0.12 NA   
## 262 32 Resistant 0.5 NA   
## 263 64 Resistant 0.06 NA   
## 264 64 Resistant 0.06 NA   
## 265 64 Resistant 0.12 NA   
## 266 >128 Resistant 1 NA   
## 267 <=0.015 Susceptible <=0.015 NA   
## 268 32 Resistant 0.06 NA   
## 269 128 Resistant 0.06 NA   
## 270 32 Resistant 0.03 NA   
## 271 64 Resistant 0.06 NA   
## 272 64 Resistant 0.12 NA   
## 273 >128 Resistant 1 NA   
## 274 128 Resistant 0.12 NA   
## 275 128 Resistant <=0.015 NA   
## 276 32 Resistant 0.06 NA   
## 277 >128 Resistant 0.12 NA   
## 278 128 Resistant 0.06 NA   
## 279 32 Resistant 0.12 NA   
## 280 32 Resistant 0.03 NA   
## 281 128 Resistant 0.25 NA   
## 282 64 Resistant 0.03 NA   
## 283 64 Resistant 0.06 NA   
## 284 128 Resistant 0.12 NA   
## 285 >128 Resistant 0.12 NA   
## 286 32 Resistant 0.06 NA   
## 287 16 Resistant 0.06 NA   
## 288 >128 Resistant 0.5 NA   
## 289 64 Resistant 0.06 NA   
## 290 32 Resistant 0.03 NA   
## 291 32 Resistant 0.06 NA   
## 292 16 Resistant 0.03 NA   
## 293 32 Resistant 0.03 NA   
## 294 16 Resistant 0.06 NA   
## 295 32 Resistant 0.03 NA   
## 296 64 Resistant 0.06 NA   
## 297 64 Resistant 0.12 NA   
## 298 32 Resistant <=0.015 NA   
## 299 128 Resistant 0.03 NA   
## 300 128 Resistant 0.5 NA   
## 301 16 Resistant 0.03 NA   
## 302 32 Resistant <=0.015 NA   
## 303 16 Resistant 0.06 NA   
## 304 64 Resistant 0.12 NA   
## 305 32 Resistant 0.03 NA   
## 306 64 Resistant 0.03 NA   
## 307 32 Resistant 0.03 NA   
## 308 128 Resistant 0.12 NA   
## 309 128 Resistant 0.12 NA   
## 310 128 Resistant 0.12 NA   
## 311 64 Resistant 0.03 NA   
## 312 128 Resistant 0.12 NA   
## 313 32 Resistant 0.03 NA   
## 314 32 Resistant 0.03 NA   
## 315 32 Resistant 0.06 NA   
## 316 64 Resistant 0.12 NA   
## 317 64 Resistant 0.03 NA   
## 318 16 Resistant 0.25 NA   
## 319 >128 Resistant 0.06 NA   
## 320 32 Resistant <=0.015 NA   
## 321 32 Resistant 0.06 NA   
## 322 32 Resistant 0.06 NA   
## 323 32 Resistant 0.06 NA   
## 324 16 Resistant 0.03 NA   
## 325 32 Resistant 0.03 NA   
## 326 64 Resistant 0.06 NA   
## 327 32 Resistant 0.06 NA   
## 328 64 Resistant 0.12 NA   
## 329 >128 Resistant 1 NA   
## 330 32 Resistant 0.03 NA   
## 331 128 Resistant 0.12 NA   
## 332 32 Resistant 0.03 NA   
## 333 16 Resistant 0.06 NA   
## 334 32 Resistant 0.03 NA   
## 335 32 Resistant 0.03 NA   
## 336 128 Resistant 0.12 NA   
## 337 64 Resistant 0.12 NA   
## 338 32 Resistant 0.03 NA   
## 339 64 Resistant 0.06 NA   
## 340 8 Intermediate 0.03 NA   
## 341 64 Resistant 0.12 NA   
## 342 64 Resistant 0.12 NA   
## 343 32 Resistant 0.06 NA   
## 344 1 Susceptible 0.5 NA   
## 345 32 Resistant 0.06 NA   
## 346 64 Resistant 0.06 NA   
## 347 64 Resistant 0.06 NA   
## 348 16 Resistant 0.12 NA   
## 349 64 Resistant 0.03 NA   
## 350 16 Resistant 0.06 NA   
## 351 >128 Resistant 16 NA   
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## 353 NA   
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## 356 NA   
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## 366 128 Resistant 0.12 NA   
## 367 64 Resistant 0.06 NA   
## 368 64 Resistant 0.06 NA   
## 369 32 Resistant 1 NA   
## 370 16 Resistant 0.12 NA   
## 371 128 Resistant 0.12 NA   
## 372 16 Resistant 0.06 NA   
## 373 64 Resistant 0.12 NA   
## 374 16 Resistant 0.03 NA   
## 375 32 Resistant 0.12 NA   
## 376 32 Resistant 0.06 NA   
## 377 8 Intermediate 0.12 NA   
## 378 128 Resistant 0.12 NA   
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## 383 NA   
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## 386 NA   
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## 394 NA   
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## 396 NA   
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## 398 NA   
## 399 64 Resistant 0.06 NA   
## 400 32 Resistant 0.12 NA   
## 401 128 Resistant 0.12 NA   
## 402 >128 Resistant 2 NA   
## 403 32 Resistant 0.12 NA   
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## 407 32 Resistant 0.06 NA   
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## 413 64 Resistant 0.12 NA   
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## 415 64 Resistant 0.06 NA   
## 416 64 Resistant 0.12 NA   
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## 418 64 Resistant 0.06 NA   
## 419 4 Susceptible 0.06 NA   
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## 431 64 Resistant 0.06 NA   
## 432 0.5 Susceptible 0.03 NA   
## 433 64 Resistant 0.06 NA   
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## 442 64 Resistant 0.03 NA   
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## 448 8 Intermediate 0.06 NA   
## 449 32 Resistant 0.06 NA   
## 450 8 Intermediate 0.03 NA   
## 451 16 Resistant 0.25 NA   
## 452 >128 Resistant 4 NA   
## 453 128 Resistant 0.12 NA   
## 454 64 Resistant 0.12 NA   
## 455 64 Resistant 0.12 NA   
## 456 32 Resistant 0.12 NA   
## 457 16 Resistant 0.03 NA   
## 458 32 Resistant 0.12 NA   
## 459 128 Resistant 0.12 NA   
## 460 64 Resistant 0.12 NA   
## 461 64 Resistant 0.12 NA   
## 462 4 Susceptible <=0.015 NA   
## 463 32 Resistant 0.06 NA   
## 464 >128 Resistant 0.12 NA   
## 465 16 Resistant 0.06 NA   
## 466 16 Resistant 0.06 NA   
## 467 128 Resistant 0.06 NA   
## 468 0.03 Susceptible <=0.015 NA   
## 469 32 Resistant 0.03 NA   
## 470 32 Resistant 0.06 NA   
## 471 64 Resistant 0.06 NA   
## 472 64 Resistant 0.06 NA   
## 473 32 Resistant 0.03 NA   
## 474 4 Susceptible 0.12 NA   
## 475 128 Resistant 0.06 NA   
## 476 32 Resistant 0.06 NA   
## 477 64 Resistant 0.12 NA   
## 478 32 Resistant 0.03 NA   
## 479 0.25 Susceptible 0.25 NA   
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## 483 64 Resistant 0.06 NA   
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## 487 16 Resistant 0.06 NA   
## 488 128 Resistant 0.06 NA   
## 489 32 Resistant 0.03 NA   
## 490 128 Resistant 0.06 NA   
## 491 16 Resistant <=0.015 NA   
## 492 64 Resistant 0.03 NA   
## 493 16 Resistant 0.03 NA   
## 494 128 Resistant 0.12 NA   
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## 504 128 Resistant 0.06 NA   
## 505 8 Intermediate 0.06 NA   
## 506 16 Resistant 0.06 NA   
## 507 128 Resistant 0.12 NA   
## 508 32 Resistant 0.06 NA   
## 509 16 Resistant 0.06 NA   
## 510 16 Resistant 0.03 NA   
## 511 0.5 Susceptible 0.12 NA   
## 512 32 Resistant 0.06 NA   
## 513 128 Resistant 0.12 NA   
## 514 4 Susceptible 0.03 NA   
## 515 8 Intermediate 0.06 NA   
## 516 64 Resistant 0.5 NA   
## 517 128 Resistant 2 NA   
## 518 8 Intermediate 0.03 NA   
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## 520 16 Resistant 0.06 NA   
## 521 16 Resistant 0.03 NA   
## 522 64 Resistant <=0.015 NA   
## 523 32 Resistant 0.25 NA   
## 524 128 Resistant 0.06 NA   
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## 526 4 Susceptible 0.03 NA   
## 527 16 Resistant 0.03 NA   
## 528 128 Resistant 0.12 NA   
## 529 4 Susceptible 4 NA   
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## 534 16 Resistant 0.03 NA   
## 535 64 Resistant 0.12 NA   
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## 542 8 Intermediate 0.12 NA   
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## 545 4 Susceptible 0.03 NA   
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## 547 32 Resistant 0.12 NA   
## 548 4 Susceptible 0.12 NA   
## 549 64 Resistant 0.12 NA   
## 550 128 Resistant <=0.015 NA   
## 551 4 Susceptible 0.06 NA   
## 552 16 Resistant 0.12 NA   
## 553 64 Resistant <=0.015 NA   
## 554 128 Resistant 0.25 NA   
## 555 1 Susceptible 0.03 NA   
## 556 64 Resistant 0.12 NA   
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## 585 16 Resistant 0.03 NA   
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## 587 64 Resistant 0.03 NA   
## 588 32 Resistant 0.03 NA   
## 589 8 Intermediate 0.03 NA   
## 590 64 Resistant 0.12 NA   
## 591 32 Resistant <=0.015 NA   
## 592 64 Resistant 0.03 NA   
## 593 128 Resistant 0.12 NA   
## 594 8 Intermediate 0.03 NA   
## 595 128 Resistant 0.03 NA   
## 596 >128 Resistant 0.06 NA   
## 597 32 Resistant 0.03 NA   
## 598 >128 Resistant 0.25 NA   
## 599 16 Resistant 0.03 NA   
## 600 64 Resistant 0.06 NA   
## 601 128 Resistant 0.12 NA   
## 602 128 Resistant 0.06 NA   
## 603 8 Intermediate <=0.015 NA   
## 604 >128 Resistant 0.12 NA   
## 605 >128 Resistant 0.12 NA   
## 606 64 Resistant 0.06 NA   
## 607 2 Susceptible <=0.015 NA   
## 608 16 Resistant 0.12 NA   
## 609 64 Resistant 0.03 NA   
## 610 32 Resistant 0.06 NA   
## 611 >128 Resistant 0.12 NA   
## 612 128 Resistant 0.12 NA   
## 613 8 Intermediate 0.03 NA   
## 614 64 Resistant 0.06 NA   
## 615 128 Resistant 0.06 NA   
## 616 8 Intermediate 0.03 NA   
## 617 4 Susceptible 0.03 NA   
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## 619 64 Resistant 0.03 NA   
## 620 32 Resistant 0.03 NA   
## 621 128 Resistant 0.06 NA   
## 622 16 Resistant 0.06 NA   
## 623 8 Intermediate <=0.015 NA   
## 624 16 Resistant 0.03 NA   
## 625 128 Resistant 0.03 NA   
## 626 64 Resistant 0.12 NA   
## 627 16 Resistant 0.03 NA   
## 628 64 Resistant 0.06 NA   
## 629 32 Resistant 0.03 NA   
## 630 2 Susceptible 0.03 NA   
## 631 32 Resistant <=0.015 NA   
## 632 64 Resistant <=0.015 NA   
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## 652 32 Resistant 0.12 NA   
## 653 64 Resistant 0.03 NA   
## 654 >128 Resistant 0.12 NA   
## 655 64 Resistant 0.12 NA   
## 656 16 Resistant 0.03 NA   
## 657 32 Resistant 0.03 NA   
## 658 >128 Resistant 0.12 NA   
## 659 32 Resistant 0.03 NA   
## 660 8 Intermediate 0.03 NA   
## 661 >128 Resistant 0.12 NA   
## 662 2 Susceptible 0.06 NA   
## 663 64 Resistant 0.06 NA   
## 664 >128 Resistant 0.25 NA   
## 665 32 Resistant <=0.015 NA   
## 666 32 Resistant 0.03 NA   
## 667 64 Resistant 0.03 NA   
## 668 >128 Resistant 0.06 NA   
## 669 64 Resistant 0.03 NA   
## 670 64 Resistant 0.03 NA   
## 671 2 Susceptible <=0.015 NA   
## 672 >128 Resistant 0.25 NA   
## 673 128 Resistant 0.12 NA   
## 674 >128 Resistant 0.12 NA   
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## 677 >128 Resistant 0.25 NA   
## 678 64 Resistant 0.06 NA   
## 679 128 Resistant 0.06 NA   
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## 704 64 Resistant 0.06 NA   
## 705 >128 Resistant 0.03 NA   
## 706 128 Resistant 0.25 NA   
## 707 64 Resistant 0.06 NA   
## 708 64 Resistant 0.03 NA   
## 709 >128 Resistant 0.12 NA   
## 710 32 Resistant 0.06 NA   
## 711 128 Resistant 0.06 NA   
## 712 64 Resistant 0.03 NA   
## 713 32 Resistant <=0.015 NA   
## 714 64 Resistant 2 NA   
## 715 >128 Resistant 0.12 NA   
## 716 >128 Resistant 0.12 NA   
## 717 64 Resistant 0.06 NA   
## 718 64 Resistant 0.06 NA   
## 719 64 Resistant 0.03 NA   
## 720 64 Resistant 0.06 NA   
## 721 32 Resistant 0.03 NA   
## 722 >128 Resistant 0.06 NA   
## 723 64 Resistant 0.03 NA   
## 724 64 Resistant 0.06 NA   
## 725 128 Resistant 0.12 NA   
## 726 8 Intermediate 0.03 NA   
## 727 >128 Resistant 16 NA   
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## 3 >128 Resistant 0.03 NA 0.06  
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## 5 >128 Resistant 0.06 NA 0.12  
## 6 >128 Resistant 0.12 NA 0.25  
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## 42 >128 Resistant 0.06 NA 0.12  
## 43 >128 Resistant 0.06 NA 0.12  
## 44 >128 Resistant 0.06 NA 0.25  
## 45 >128 Resistant 128 NA >128  
## 46 >128 Resistant 0.12 NA 0.25  
## 47 >128 Resistant 0.12 NA 0.25  
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## 49 >128 Resistant 0.06 NA 0.5  
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## 53 >128 Resistant 0.5 NA 0.12  
## 54 >128 Resistant 0.5 NA 1  
## 55 >128 Resistant 0.06 NA 0.25  
## 56 128 Resistant 0.06 NA 0.06  
## 57 64 Resistant 0.06 NA 0.06  
## 58 >128 Resistant 0.06 NA 0.25  
## 59 >128 Resistant 2 NA 4  
## 60 >128 Resistant 0.06 NA 0.5  
## 61 >128 Resistant 0.06 NA 0.25  
## 62 >128 Resistant 0.03 NA 0.12  
## 63 >128 Resistant 0.06 NA 0.25  
## 64 >128 Resistant 0.12 NA 0.25  
## 65 >128 Resistant 0.06 NA 0.12  
## 66 128 Resistant 0.5 NA 0.5  
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## 109 64 Resistant 0.03 NA 0.06  
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## 122 >128 Resistant 0.12 NA 0.25  
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## 124 >128 Resistant 0.12 NA 0.25  
## 125 >128 Resistant 0.06 NA 0.12  
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## 136 >128 Resistant 0.03 NA 0.25  
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## 142 128 Resistant 0.12 NA 1  
## 143 64 Resistant 2 NA 2  
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## 164 >128 Resistant 0.03 NA 0.06  
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## 167 32 Resistant 0.06 NA 0.12  
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## 169 >128 Resistant 1 NA 1  
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## 186 128 Resistant 0.25 NA 0.5  
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## 192 64 Resistant 0.06 NA 0.12  
## 193 64 Resistant 0.03 NA 0.06  
## 194 >128 Resistant 1 NA 0.5  
## 195 128 Resistant 0.06 NA 0.12  
## 196 128 Resistant 1 NA 2  
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## 198 128 Resistant 1 NA 0.5  
## 199 >128 Resistant 0.12 NA 0.12  
## 200 128 Resistant 0.06 NA 0.5  
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## 202 64 Resistant 0.12 NA 1  
## 203 4 Resistant 0.03 NA 0.12  
## 204 8 Resistant 0.06 NA 0.25  
## 205 128 Resistant <=0.008 NA 0.12  
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## 207 >128 Resistant 0.03 NA 0.12  
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## 209 >128 32 NA 64  
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## 232 >128 Resistant 0.06 NA 0.06  
## 233 32 Resistant 0.25 NA 0.25  
## 234 >128 Resistant 0.12 NA 0.12  
## 235 >128 Resistant 0.12 NA 0.03  
## 236 >128 Resistant 0.12 NA 0.12  
## 237 16 Resistant 0.25 NA 0.25  
## 238 64 Resistant 32 NA >128  
## 239 >128 Resistant 0.06 NA 0.12  
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## 241 >128 Resistant 0.03 NA 0.06  
## 242 >128 Resistant 0.03 NA 0.06  
## 243 128 Resistant 0.06 NA 0.12  
## 244 >128 Resistant <=0.008 NA 0.06  
## 245 >128 Resistant 0.25 NA 0.25  
## 246 >128 Resistant 0.06 NA 0.12  
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## 249 >128 Resistant 0.06 NA 0.12  
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## 253 >128 Resistant 0.06 NA 0.06  
## 254 >128 Resistant 0.25 NA 0.25  
## 255 >128 Resistant 0.06 NA 0.06  
## 256 128 Resistant 0.12 NA 0.12  
## 257 >128 Resistant 0.06 NA 0.25  
## 258 >128 Resistant 0.06 NA 0.12  
## 259 >128 Resistant 0.03 NA 0.06  
## 260 >128 Resistant 0.12 NA 0.12  
## 261 >128 Resistant 0.06 NA 0.12  
## 262 128 Resistant 0.25 NA 0.5  
## 263 >128 Resistant 0.06 NA 0.25  
## 264 >128 Resistant 0.03 NA 0.25  
## 265 >128 Resistant 128 NA >128  
## 266 >128 Resistant 1 NA 1  
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## 268 >128 Resistant 0.03 NA 0.25  
## 269 >128 Resistant 0.12 NA 0.25  
## 270 >128 Resistant 0.06 NA 0.03  
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## 272 >128 Resistant 0.06 NA 0.12  
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## 274 >128 Resistant 0.12 NA 0.03  
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## 277 >128 Resistant 0.25 NA 1  
## 278 >128 Resistant 0.12 NA 0.03  
## 279 >128 Resistant 0.12 NA 0.06  
## 280 >128 Resistant 0.25 NA 0.03  
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## 284 >128 Resistant 0.25 NA 1  
## 285 >128 Resistant >128 NA >128  
## 286 >128 Resistant 0.03 NA 0.12  
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## 288 64 Resistant 0.25 NA 2  
## 289 >128 Resistant 0.06 NA 0.25  
## 290 >128 Resistant 0.03 NA 0.12  
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## 298 >128 Resistant 0.015 NA 0.06  
## 299 >128 Resistant 0.03 NA 0.06  
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## 302 >128 Resistant <=0.008 NA 0.06  
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## 316 >128 Resistant 0.12 NA 0.12  
## 317 >128 Resistant 0.06 NA 0.12  
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## 319 >128 Resistant 0.06 NA 0.12  
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## 374 >128 Resistant NA 0.12  
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## 377 16 Resistant NA 0.25  
## 378 >128 Resistant NA 0.5  
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## 428 64 Resistant NA 0.5  
## 429 >128 Resistant NA 0.25  
## 430 >128 Resistant NA 0.12  
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## 470 >128 Resistant NA 0.12  
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## 473 >128 Resistant NA 0.25  
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## 475 128 Resistant NA 0.25  
## 476 128 Resistant NA 0.12  
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## 521 >128 Resistant NA 0.06  
## 522 >128 Resistant NA 0.25  
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## 615 >128 Resistant NA 0.12  
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## 662 32 Resistant NA 0.06  
## 663 >128 Resistant NA 0.12  
## 664 >128 Resistant NA 0.5  
## 665 128 Resistant NA <=0.015  
## 666 >128 Resistant NA 0.06  
## 667 >128 Resistant NA 0.25  
## 668 >128 Resistant NA 0.25  
## 669 >128 Resistant NA 0.12  
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## 672 >128 Resistant NA 0.5  
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## 734 NA   
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## 736 NA   
## 737 NA   
## 738 NA   
## 739 NA   
## 740 NA   
## Ceftazidime.avibactam\_I Ciprofloxacin Ciprofloxacin\_I Colistin Colistin\_I Daptomycin  
## 1 Susceptible   
## 2 Susceptible   
## 3 Susceptible   
## 4 Susceptible   
## 5 Susceptible   
## 6 Susceptible   
## 7 Susceptible   
## 8 Susceptible   
## 9 Susceptible   
## 10 Susceptible   
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## 12 Susceptible   
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## 86 Resistant   
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## 92 Susceptible   
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## 99 Susceptible   
## 100 Susceptible   
## 101 Susceptible   
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## 103 Susceptible 1 Intermediate   
## 104 Susceptible 0.5 Intermediate   
## 105 Susceptible 1 Intermediate   
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## 120 Susceptible 0.5 Intermediate   
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## 122 Susceptible 2 Intermediate   
## 123 Susceptible 1 Intermediate   
## 124 Susceptible 1 Intermediate   
## 125 Susceptible 1 Intermediate   
## 126 Susceptible 1 Intermediate   
## 127 Susceptible 2 Intermediate   
## 128 Susceptible 1 Intermediate   
## 129 Susceptible 2 Intermediate   
## 130 Susceptible 1 Intermediate   
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## 133 Susceptible 2 Intermediate   
## 134 Susceptible 1 Intermediate   
## 135 Susceptible 0.5 Intermediate   
## 136 Susceptible 0.5 Intermediate   
## 137 Susceptible 1 Intermediate   
## 138 Susceptible >4 Resistant   
## 139 Resistant 0.5 Intermediate   
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## 141 Susceptible 1 Intermediate   
## 142 Susceptible 0.5 Intermediate   
## 143 Susceptible >4 Resistant   
## 144 Susceptible 1 Intermediate   
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## 149 Susceptible 0.5 Intermediate   
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## 153 Susceptible 0.5 Intermediate   
## 154 Susceptible 1 Intermediate   
## 155 Susceptible 1 Intermediate   
## 156 Susceptible >4 Resistant   
## 157 Susceptible 2 Intermediate   
## 158 Susceptible 1 Intermediate   
## 159 Susceptible >4 Resistant   
## 160 Susceptible 2 Intermediate   
## 161 Susceptible 1 Intermediate   
## 162 Susceptible 1 Intermediate   
## 163 Susceptible >4 Resistant   
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## 194 Susceptible 0.5 Intermediate   
## 195 Susceptible >4 Resistant   
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## 207 Susceptible 0.25 Intermediate   
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## 209 Resistant 2 Intermediate   
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## 212 Resistant 0.5 Intermediate   
## 213 Susceptible 0.5 Intermediate   
## 214 Susceptible 1 Intermediate   
## 215 Susceptible 1 Intermediate   
## 216 Susceptible 1 Intermediate   
## 217 Susceptible >4 Resistant   
## 218 Susceptible 2 Intermediate   
## 219 Susceptible 1 Intermediate   
## 220 Susceptible >4 Resistant   
## 221 Susceptible 1 Intermediate   
## 222 Susceptible >4 Resistant   
## 223 Susceptible 0.5 Intermediate   
## 224 Susceptible 1 Intermediate   
## 225 Susceptible 0.5 Intermediate   
## 226 Susceptible 0.5 Intermediate   
## 227 Susceptible 0.5 Intermediate   
## 228 Susceptible 0.5 Intermediate   
## 229 Susceptible 0.5 Intermediate   
## 230 Susceptible 1 Intermediate   
## 231 Susceptible 1 Intermediate   
## 232 Susceptible 1 Intermediate   
## 233 Susceptible >4 Resistant   
## 234 Susceptible 1 Intermediate   
## 235 Susceptible 4 Resistant   
## 236 Susceptible 1 Intermediate   
## 237 Susceptible 1 Intermediate   
## 238 Resistant 2 Intermediate   
## 239 Susceptible >4 Resistant   
## 240 Susceptible 2 Intermediate   
## 241 Susceptible 0.5 Intermediate   
## 242 Susceptible 1 Intermediate   
## 243 Susceptible 1 Intermediate   
## 244 Susceptible 1 Intermediate   
## 245 Susceptible 1 Intermediate   
## 246 Susceptible 0.5 Intermediate   
## 247 Susceptible 0.5 Intermediate   
## 248 Susceptible 0.5 Intermediate   
## 249 Susceptible 0.5 Intermediate   
## 250 Susceptible >4 Resistant   
## 251 Susceptible 0.5 Intermediate   
## 252 Susceptible 0.5 Intermediate   
## 253 Susceptible >4 Resistant   
## 254 Susceptible 0.5 Intermediate   
## 255 Susceptible 0.5 Intermediate   
## 256 Susceptible 0.5 Intermediate   
## 257 Susceptible 0.5 Intermediate   
## 258 Susceptible 0.5 Intermediate   
## 259 Susceptible 0.5 Intermediate   
## 260 Susceptible 1 Intermediate   
## 261 Susceptible 1 Intermediate   
## 262 Susceptible 0.5 Intermediate   
## 263 Susceptible 0.5 Intermediate   
## 264 Susceptible 0.5 Intermediate   
## 265 Resistant 1 Intermediate   
## 266 Susceptible 0.5 Intermediate   
## 267 Resistant >4 Resistant   
## 268 Susceptible 0.5 Intermediate   
## 269 Susceptible 1 Intermediate   
## 270 Susceptible 0.5 Intermediate   
## 271 Susceptible 1 Intermediate   
## 272 Susceptible 0.5 Intermediate   
## 273 Susceptible 0.5 Intermediate   
## 274 Susceptible 0.5 Intermediate   
## 275 Susceptible 0.5 Intermediate   
## 276 Susceptible 0.5 Intermediate   
## 277 Susceptible 4 Resistant   
## 278 Susceptible 0.5 Intermediate   
## 279 Susceptible 1 Intermediate   
## 280 Susceptible 0.5 Intermediate   
## 281 Susceptible 0.5 Intermediate   
## 282 Susceptible 0.5 Intermediate   
## 283 Susceptible 1 Intermediate   
## 284 Susceptible 1 Intermediate   
## 285 Resistant 1 Intermediate   
## 286 Susceptible 1 Intermediate   
## 287 Susceptible >4 Resistant   
## 288 Susceptible >4 Resistant   
## 289 Susceptible 1 Intermediate   
## 290 Susceptible 1 Intermediate   
## 291 Susceptible 1 Intermediate   
## 292 Susceptible >4 Resistant   
## 293 Susceptible 1 Intermediate   
## 294 Susceptible 1 Intermediate   
## 295 Susceptible 1 Intermediate   
## 296 Susceptible 1 Intermediate   
## 297 Resistant 1 Intermediate   
## 298 Susceptible 0.5 Intermediate   
## 299 Susceptible 1 Intermediate   
## 300 Susceptible >4 Resistant   
## 301 Resistant >4 Resistant   
## 302 Susceptible 1 Intermediate   
## 303 Susceptible >4 Resistant   
## 304 Susceptible 1 Intermediate   
## 305 Susceptible 1 Intermediate   
## 306 Susceptible 0.5 Intermediate   
## 307 Susceptible 1 Intermediate   
## 308 Susceptible >4 Resistant   
## 309 Resistant 1 Intermediate   
## 310 Susceptible 1 Intermediate   
## 311 Susceptible 2 Intermediate   
## 312 Resistant 1 Intermediate   
## 313 Susceptible 1 Intermediate   
## 314 Susceptible 0.5 Intermediate   
## 315 Resistant 1 Intermediate   
## 316 Susceptible 1 Intermediate   
## 317 Susceptible 1 Intermediate   
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## 320 Susceptible 1 Intermediate   
## 321 Susceptible 1 Intermediate   
## 322 Susceptible 1 Intermediate   
## 323 Susceptible 1 Intermediate   
## 324 Susceptible 2 Intermediate   
## 325 Susceptible 1 Intermediate   
## 326 Susceptible 1 Intermediate   
## 327 Susceptible >4 Resistant   
## 328 Susceptible 1 Intermediate   
## 329 Susceptible 1 Intermediate   
## 330 Susceptible 1 Intermediate   
## 331 Susceptible 1 Intermediate   
## 332 Susceptible 1 Intermediate   
## 333 Susceptible 1 Intermediate   
## 334 Susceptible 4 Resistant   
## 335 Susceptible 1 Intermediate   
## 336 Susceptible 1 Intermediate   
## 337 Susceptible 2 Intermediate   
## 338 Susceptible >4 Resistant   
## 339 Susceptible 1 Intermediate   
## 340 Susceptible 1 Intermediate   
## 341 Susceptible 1 Intermediate   
## 342 Susceptible 1 Intermediate   
## 343 Susceptible 1 Intermediate   
## 344 Susceptible 1 Intermediate   
## 345 Susceptible 1 Intermediate   
## 346 Susceptible 1 Intermediate   
## 347 Susceptible 1 Intermediate   
## 348 Susceptible 1 Intermediate   
## 349 Susceptible 1 Intermediate   
## 350 Susceptible 1 Intermediate   
## 351 Resistant 2 Intermediate   
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## 366 Susceptible 0.25 Intermediate   
## 367 Susceptible 0.5 Intermediate   
## 368 Susceptible 0.5 Intermediate   
## 369 Susceptible 0.5 Intermediate   
## 370 Susceptible 0.5 Intermediate   
## 371 Susceptible 0.5 Intermediate   
## 372 Susceptible 1 Intermediate   
## 373 Susceptible 1 Intermediate   
## 374 Susceptible 0.25 Intermediate   
## 375 Susceptible 0.25 Intermediate   
## 376 Susceptible 1 Intermediate   
## 377 Susceptible 1 Intermediate   
## 378 Susceptible 0.5 Intermediate   
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## 399 Susceptible 0.5 Intermediate   
## 400 Susceptible 0.25 Intermediate   
## 401 Resistant 0.25 Intermediate   
## 402 Susceptible 0.5 Intermediate   
## 403 Resistant 0.5 Intermediate   
## 404 Resistant 0.5 Intermediate   
## 405 Susceptible 1 Intermediate   
## 406 Susceptible 0.5 Intermediate   
## 407 Susceptible 0.5 Intermediate   
## 408 Susceptible 0.5 Intermediate   
## 409 Susceptible 0.25 Intermediate   
## 410 Susceptible 0.5 Intermediate   
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## 414 Susceptible 0.5 Intermediate   
## 415 Susceptible 0.25 Intermediate   
## 416 Susceptible 1 Intermediate   
## 417 Susceptible 0.5 Intermediate   
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## 421 Susceptible 0.5 Intermediate   
## 422 Susceptible 0.5 Intermediate   
## 423 Susceptible 0.5 Intermediate   
## 424 Susceptible 0.5 Intermediate   
## 425 Susceptible 1 Intermediate   
## 426 Susceptible >8 Resistant   
## 427 Susceptible >8 Resistant   
## 428 Susceptible 0.25 Intermediate   
## 429 Susceptible 0.5 Intermediate   
## 430 Susceptible 0.5 Intermediate   
## 431 Susceptible 0.5 Intermediate   
## 432 Susceptible 0.25 Intermediate   
## 433 Resistant 0.25 Intermediate   
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## 442 Susceptible 0.25 Intermediate   
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## 455 Susceptible 0.5 Intermediate   
## 456 Susceptible 0.25 Intermediate   
## 457 Susceptible 0.25 Intermediate   
## 458 Susceptible 1 Intermediate   
## 459 Susceptible >8 Resistant   
## 460 Susceptible 0.12 Intermediate   
## 461 Susceptible 0.25 Intermediate   
## 462 Susceptible 0.5 Intermediate   
## 463 Susceptible 0.5 Intermediate   
## 464 Susceptible 0.25 Intermediate   
## 465 Susceptible 0.25 Intermediate   
## 466 Susceptible 0.25 Intermediate   
## 467 Susceptible 0.25 Intermediate   
## 468 Susceptible >8 Resistant   
## 469 Susceptible 0.25 Intermediate   
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## 475 Susceptible 0.25 Intermediate   
## 476 Susceptible 0.25 Intermediate   
## 477 Susceptible 0.5 Intermediate   
## 478 Susceptible 0.25 Intermediate   
## 479 Susceptible 8 Resistant   
## 480 Susceptible 0.5 Intermediate   
## 481 Susceptible 0.5 Intermediate   
## 482 Susceptible 0.25 Intermediate   
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## 488 Susceptible 0.25 Intermediate   
## 489 Susceptible 0.25 Intermediate   
## 490 Susceptible 0.12 Intermediate   
## 491 Susceptible 0.12 Intermediate   
## 492 Susceptible 0.25 Intermediate   
## 493 Resistant 0.25 Intermediate   
## 494 Susceptible 0.25 Intermediate   
## 495 Susceptible 0.25 Intermediate   
## 496 Susceptible 0.25 Intermediate   
## 497 Susceptible 2 Intermediate   
## 498 Susceptible 0.25 Intermediate   
## 499 Susceptible 2 Intermediate   
## 500 Susceptible 0.25 Intermediate   
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## 503 Susceptible 0.5 Intermediate   
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## 507 Susceptible 0.25 Intermediate   
## 508 Susceptible 0.25 Intermediate   
## 509 Resistant 0.25 Intermediate   
## 510 Resistant 0.5 Intermediate   
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## 517 Susceptible 0.25 Intermediate   
## 518 Susceptible 0.25 Intermediate   
## 519 Susceptible >8 Resistant   
## 520 Susceptible >8 Resistant   
## 521 Susceptible 0.12 Intermediate   
## 522 Susceptible 1 Intermediate   
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## 543 Susceptible 0.12 Intermediate   
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## 546 Susceptible 1 Intermediate   
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## 551 Susceptible 0.25 Intermediate   
## 552 Susceptible 0.25 Intermediate   
## 553 Susceptible >8 Resistant   
## 554 Susceptible 0.25 Intermediate   
## 555 Susceptible >8 Resistant   
## 556 Susceptible 0.25 Intermediate   
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## 585 Susceptible 0.25 Intermediate   
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## 589 Susceptible 0.12 Intermediate   
## 590 Susceptible 0.25 Intermediate   
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## 595 Susceptible 0.25 Intermediate   
## 596 Susceptible 1 Intermediate   
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## 600 Susceptible 0.25 Intermediate   
## 601 Susceptible 0.5 Intermediate   
## 602 Susceptible 0.5 Intermediate   
## 603 Susceptible 0.5 Intermediate   
## 604 Susceptible 0.5 Intermediate   
## 605 Susceptible 0.5 Intermediate   
## 606 Susceptible 0.5 Intermediate   
## 607 Susceptible 0.25 Intermediate   
## 608 Resistant 0.25 Intermediate   
## 609 Susceptible 0.25 Intermediate   
## 610 Susceptible 0.25 Intermediate   
## 611 Susceptible 0.25 Intermediate   
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## 613 Susceptible 0.25 Intermediate   
## 614 Susceptible 0.25 Intermediate   
## 615 Susceptible 0.12 Intermediate   
## 616 Susceptible 0.25 Intermediate   
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## 650 Susceptible 0.5 Intermediate   
## 651 Susceptible <=0.06 Intermediate   
## 652 Resistant 0.25 Intermediate   
## 653 Susceptible 0.25 Intermediate   
## 654 Susceptible 0.25 Intermediate   
## 655 Susceptible 0.25 Intermediate   
## 656 Susceptible 0.12 Intermediate   
## 657 Susceptible 0.5 Intermediate   
## 658 Susceptible 0.12 Intermediate   
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## 671 Susceptible 0.5 Intermediate   
## 672 Susceptible 0.25 Intermediate   
## 673 Susceptible 0.5 Intermediate   
## 674 Resistant 0.25 Intermediate   
## 675 Susceptible 0.25 Intermediate   
## 676 Susceptible 0.5 Intermediate   
## 677 Susceptible 0.25 Intermediate   
## 678 Susceptible 0.25 Intermediate   
## 679 Resistant 0.25 Intermediate   
## 680 Resistant 0.25 Intermediate   
## 681 Susceptible 0.25 Intermediate   
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## 697 Susceptible 0.25 Intermediate   
## 698 Susceptible 0.25 Intermediate   
## 699 Susceptible 0.25 Intermediate   
## 700 Susceptible 0.25 Intermediate   
## 701 Susceptible 2 Intermediate   
## 702 Susceptible 0.25 Intermediate   
## 703 Susceptible 0.25 Intermediate   
## 704 Susceptible 0.5 Intermediate   
## 705 Susceptible 0.25 Intermediate   
## 706 Susceptible 0.25 Intermediate   
## 707 Susceptible 0.25 Intermediate   
## 708 Susceptible 0.25 Intermediate   
## 709 Susceptible 0.25 Intermediate   
## 710 Susceptible 0.5 Intermediate   
## 711 Susceptible 0.25 Intermediate   
## 712 Susceptible 2 Intermediate   
## 713 Susceptible 0.25 Intermediate   
## 714 Susceptible 0.25 Intermediate   
## 715 Susceptible 0.25 Intermediate   
## 716 Susceptible 0.25 Intermediate   
## 717 Susceptible 0.25 Intermediate   
## 718 Susceptible 0.25 Intermediate   
## 719 Susceptible 1 Intermediate   
## 720 Susceptible 0.25 Intermediate   
## 721 Susceptible 0.25 Intermediate   
## 722 Susceptible 0.25 Intermediate   
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## 724 Susceptible 0.25 Intermediate   
## 725 Susceptible 0.25 Intermediate   
## 726 Susceptible 0.25 Intermediate   
## 727 Susceptible 0.25 Intermediate   
## 728 Susceptible 0.25 Intermediate   
## 729 Susceptible 0.5 Intermediate   
## 730 Resistant >8 Resistant   
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## Daptomycin\_I Doripenem Doripenem\_I Ertapenem Ertapenem\_I Gatifloxacin Gatifloxacin\_I  
## 1 0.03 Susceptible 0.06 Susceptible NA  
## 2 0.03 Susceptible 0.06 Susceptible NA  
## 3 0.03 Susceptible 0.06 Susceptible NA  
## 4 0.03 Susceptible 0.25 Susceptible NA  
## 5 0.03 Susceptible 0.12 Susceptible NA  
## 6 0.03 Susceptible 0.5 Susceptible NA  
## 7 0.03 Susceptible 0.25 Susceptible NA  
## 8 1 Susceptible >1 Resistant NA  
## 9 0.03 Susceptible 0.25 Susceptible NA  
## 10 0.03 Susceptible 0.06 Susceptible NA  
## 11 0.06 Susceptible 0.06 Susceptible NA  
## 12 0.03 Susceptible 0.06 Susceptible NA  
## 13 0.03 Susceptible 0.06 Susceptible NA  
## 14 0.06 Susceptible 0.12 Susceptible NA  
## 15 0.25 Susceptible 0.06 Susceptible NA  
## 16 0.03 Susceptible 0.5 Susceptible NA  
## 17 0.03 Susceptible 0.06 Susceptible NA  
## 18 0.03 Susceptible 1 Intermediate NA  
## 19 0.06 Susceptible 0.12 Susceptible NA  
## 20 0.03 Susceptible 0.25 Susceptible NA  
## 21 0.03 Susceptible 0.25 Susceptible NA  
## 22 0.03 Susceptible 0.12 Susceptible NA  
## 23 0.03 Susceptible 0.12 Susceptible NA  
## 24 0.06 Susceptible 0.12 Susceptible NA  
## 25 0.06 Susceptible 0.25 Susceptible NA  
## 26 0.12 Susceptible 0.06 Susceptible NA  
## 27 0.06 Susceptible 0.06 Susceptible NA  
## 28 0.06 Susceptible 0.06 Susceptible NA  
## 29 >4 Resistant >1 Resistant NA  
## 30 >4 Resistant >1 Resistant NA  
## 31 0.5 Susceptible 0.03 Susceptible NA  
## 32 0.25 Susceptible 0.03 Susceptible NA  
## 33 0.12 Susceptible 1 Intermediate NA  
## 34 0.06 Susceptible 0.25 Susceptible NA  
## 35 0.12 Susceptible 1 Intermediate NA  
## 36 0.06 Susceptible 0.25 Susceptible NA  
## 37 0.03 Susceptible 0.12 Susceptible NA  
## 38 >4 Resistant >1 Resistant NA  
## 39 0.25 Susceptible 0.5 Susceptible NA  
## 40 0.06 Susceptible 0.12 Susceptible NA  
## 41 0.06 Susceptible 0.12 Susceptible NA  
## 42 0.03 Susceptible 0.12 Susceptible NA  
## 43 0.06 Susceptible 0.12 Susceptible NA  
## 44 0.03 Susceptible 0.12 Susceptible NA  
## 45 >4 Resistant >1 Resistant NA  
## 46 0.12 Susceptible 0.25 Susceptible NA  
## 47 4 Resistant >1 Resistant NA  
## 48 0.03 Susceptible 0.12 Susceptible NA  
## 49 0.06 Susceptible 0.25 Susceptible NA  
## 50 0.06 Susceptible 0.5 Susceptible NA  
## 51 0.06 Susceptible 0.06 Susceptible NA  
## 52 0.03 Susceptible 0.06 Susceptible NA  
## 53 0.03 Susceptible 0.06 Susceptible NA  
## 54 0.12 Susceptible 0.5 Susceptible NA  
## 55 0.06 Susceptible 0.06 Susceptible NA  
## 56 0.5 Susceptible 0.06 Susceptible NA  
## 57 0.5 Susceptible 0.06 Susceptible NA  
## 58 0.25 Susceptible 0.06 Susceptible NA  
## 59 0.12 Susceptible 1 Intermediate NA  
## 60 0.06 Susceptible 0.06 Susceptible NA  
## 61 0.03 Susceptible 0.12 Susceptible NA  
## 62 0.03 Susceptible 0.06 Susceptible NA  
## 63 0.03 Susceptible 0.12 Susceptible NA  
## 64 0.06 Susceptible 0.25 Susceptible NA  
## 65 0.03 Susceptible 0.12 Susceptible NA  
## 66 0.12 Susceptible 1 Intermediate NA  
## 67 0.03 Susceptible 0.5 Susceptible NA  
## 68 0.03 Susceptible 0.12 Susceptible NA  
## 69 0.06 Susceptible 0.06 Susceptible NA  
## 70 0.03 Susceptible 0.12 Susceptible NA  
## 71 0.03 Susceptible 0.03 Susceptible NA  
## 72 0.06 Susceptible 0.5 Susceptible NA  
## 73 0.06 Susceptible 1 Intermediate NA  
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## 76 0.06 Susceptible 0.12 Susceptible NA  
## 77 0.03 Susceptible 0.06 Susceptible NA  
## 78 0.03 Susceptible 0.06 Susceptible NA  
## 79 0.03 Susceptible 0.5 Susceptible NA  
## 80 0.12 Susceptible 1 Intermediate NA  
## 81 0.06 Susceptible 0.25 Susceptible NA  
## 82 0.06 Susceptible 0.03 Susceptible NA  
## 83 >4 Resistant >1 Resistant NA  
## 84 >4 Resistant >1 Resistant NA  
## 85 0.12 Susceptible 0.06 Susceptible NA  
## 86 >4 Resistant >1 Resistant NA  
## 87 0.12 Susceptible 1 Intermediate NA  
## 88 0.12 Susceptible 1 Intermediate NA  
## 89 0.03 Susceptible 0.5 Susceptible NA  
## 90 0.25 Susceptible 0.12 Susceptible NA  
## 91 0.06 Susceptible 0.06 Susceptible NA  
## 92 0.06 Susceptible 0.12 Susceptible NA  
## 93 0.06 Susceptible 0.12 Susceptible NA  
## 94 0.12 Susceptible 0.5 Susceptible NA  
## 95 0.06 Susceptible 0.06 Susceptible NA  
## 96 0.03 Susceptible 1 Intermediate NA  
## 97 0.03 Susceptible 0.06 Susceptible NA  
## 98 0.12 Susceptible 1 Intermediate NA  
## 99 0.03 Susceptible 0.12 Susceptible NA  
## 100 0.03 Susceptible 0.12 Susceptible NA  
## 101 0.06 Susceptible 0.25 Susceptible NA  
## 102 0.03 Susceptible NA  
## 103 0.06 Susceptible NA  
## 104 2 Intermediate NA  
## 105 0.25 Susceptible NA  
## 106 0.03 Susceptible NA  
## 107 0.06 Susceptible NA  
## 108 0.06 Susceptible NA  
## 109 0.06 Susceptible NA  
## 110 0.06 Susceptible NA  
## 111 0.06 Susceptible NA  
## 112 0.03 Susceptible NA  
## 113 0.06 Susceptible NA  
## 114 0.06 Susceptible NA  
## 115 0.12 Susceptible NA  
## 116 0.06 Susceptible NA  
## 117 0.06 Susceptible NA  
## 118 0.06 Susceptible NA  
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## 120 0.06 Susceptible NA  
## 121 0.03 Susceptible NA  
## 122 0.06 Susceptible NA  
## 123 0.03 Susceptible NA  
## 124 0.25 Susceptible NA  
## 125 0.06 Susceptible NA  
## 126 0.06 Susceptible NA  
## 127 0.12 Susceptible NA  
## 128 0.06 Susceptible NA  
## 129 0.06 Susceptible NA  
## 130 0.25 Susceptible NA  
## 131 0.12 Susceptible NA  
## 132 0.06 Susceptible NA  
## 133 0.12 Susceptible NA  
## 134 0.06 Susceptible NA  
## 135 0.12 Susceptible NA  
## 136 0.06 Susceptible NA  
## 137 0.25 Susceptible NA  
## 138 0.25 Susceptible NA  
## 139 >4 Resistant NA  
## 140 0.25 Susceptible NA  
## 141 0.12 Susceptible NA  
## 142 0.12 Susceptible NA  
## 143 0.5 Susceptible NA  
## 144 0.06 Susceptible NA  
## 145 0.12 Susceptible NA  
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## 150 0.06 Susceptible NA  
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## 158 0.06 Susceptible NA  
## 159 0.5 Susceptible NA  
## 160 0.12 Susceptible NA  
## 161 0.5 Susceptible NA  
## 162 0.06 Susceptible NA  
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## 166 0.06 Susceptible NA  
## 167 0.03 Susceptible NA  
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## 169 0.12 Susceptible NA  
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## 171 0.06 Susceptible NA  
## 172 0.06 Susceptible NA  
## 173 0.12 Susceptible NA  
## 174 0.03 Susceptible NA  
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## 177 0.25 Susceptible NA  
## 178 0.06 Susceptible NA  
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## 183 0.03 Susceptible NA  
## 184 0.12 Susceptible NA  
## 185 0.06 Susceptible NA  
## 186 0.06 Susceptible NA  
## 187 0.12 Susceptible NA  
## 188 0.12 Susceptible NA  
## 189 0.06 Susceptible NA  
## 190 >4 Resistant NA  
## 191 0.06 Susceptible NA  
## 192 0.06 Susceptible NA  
## 193 0.03 Susceptible NA  
## 194 >4 Resistant NA  
## 195 0.5 Susceptible NA  
## 196 >4 Resistant NA  
## 197 0.06 Susceptible NA  
## 198 >4 Resistant NA  
## 199 0.12 Susceptible NA  
## 200 0.06 Susceptible NA  
## 201 0.03 Susceptible NA  
## 202 0.12 Susceptible NA  
## 203 0.12 Susceptible NA  
## 204 0.06 Susceptible NA  
## 205 0.03 Susceptible NA  
## 206 0.12 Susceptible NA  
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## Gentamicin Gentamicin\_I Moxifloxacin Moxifloxacin\_I Oxacillin Oxacillin\_I  
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## 461 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 462 NEG NEG NEG CTX-M-14 NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 463 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 465 NEG NEG NEG CTX-M-14 NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 466 NEG NEG NEG CTX-M-14 NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 474 CTX-M-3 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 551 NEG NEG NEG CTX-M-14 NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 607 CTX-M-3 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 608 NEG NEG NEG CTX-M-TYPE NEG NEG NEG NEG NEG CMY-TYPE NEG NEG NEG  
## 609 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 623 NEG NEG NEG CTX-M-14 NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 656 NEG NEG NEG CTX-M-27 NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 725 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 726 NEG NEG NEG CTX-M-27 NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 727 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG CMY-42 NEG NEG NEG  
## 728 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 729 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG CMY-42 NEG NEG NEG  
## 730 NEG NEG NEG NEG NEG PER-12 NEG NEG NEG NEG DHA-TYPE NEG NEG  
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## 740 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG  
## KPC OXA NDM IMP VIM SPM GIM X  
## 1 NEG NEG NEG NEG NEG NEG NA  
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## 737 NA  
## 738 NA  
## 739 NA  
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## [ reached 'max' / getOption("max.print") -- omitted 1890 rows ]

table(filtered$Species)

##   
## Citrobacter freundii Citrobacter koseri Citrobacter spp   
## 18 1 1   
## Enterobacter asburiae Enterobacter cloacae Enterobacter hormaechi   
## 5 76 8   
## Enterobacter kobei Enterobacter spp Escherichia coli   
## 1 7 786   
## Klebsiella aerogenes Klebsiella oxytoca Klebsiella pneumoniae   
## 11 22 1595   
## Klebsiella spp Klebsiella variicola Morganella morganii   
## 3 5 15   
## Proteus mirabilis Proteus vulgaris Providencia rettgeri   
## 31 2 4   
## Providencia spp Providencia stuartii Pseudomonas aeruginosa   
## 2 4 29   
## Serratia marcescens   
## 4

genedata <- filtered %>%   
 filter(if\_any(c(TEM, SHV, AMPC, CTXM1, CTXM2, CTXM825, CTXM9, VEB, PER, GES, ACC, CMY1MOX, CMY11, DHA, FOX, ACTMIR, KPC, OXA, NDM, IMP, VIM, SPM,GIM ), ~ . != "" & . != "Unknown" & . != "NEG"))  
print(genedata, width = 100)

## Isolate.Id Study Species Family Country State Gender  
## 1 1043173 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 2 1043175 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 3 1043176 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 4 1043177 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 5 1043178 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 6 1043182 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 7 1043183 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 8 1043184 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 9 1043185 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 10 1043188 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 11 1043189 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 12 1043190 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
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## 25 1043218 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 26 1043220 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 27 1043222 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 28 1043224 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 29 1043225 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 30 1043226 Inform Proteus mirabilis Enterobacteriaceae Nigeria Female  
## 31 1043227 Inform Enterobacter cloacae Enterobacteriaceae Nigeria Male  
## 32 1043229 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 33 1043231 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 34 1043232 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
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## 45 1043244 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
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## 61 1046142 Inform Enterobacter cloacae Enterobacteriaceae Kenya Female  
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## 82 1058882 Inform Enterobacter cloacae Enterobacteriaceae Kenya Female  
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## 85 1058895 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
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## 125 1093881 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 185 1106443 Inform Pseudomonas aeruginosa Non-Enterobacteriaceae Kenya Female  
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## 205 1122835 Inform Proteus mirabilis Enterobacteriaceae Nigeria Female  
## 206 1122840 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 207 1122841 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 208 1122843 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 209 1122844 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 210 1122848 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 211 1122852 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 212 1122853 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 213 1122856 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 214 1122858 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 215 1122859 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 216 1122860 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 217 1122862 Inform Enterobacter cloacae Enterobacteriaceae Nigeria Female  
## 218 1122867 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 219 1122903 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 220 1122908 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
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## 228 1122957 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 229 1122961 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 230 1122964 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 231 1122966 Inform Providencia rettgeri Enterobacteriaceae Nigeria Male  
## 232 1122973 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 233 1122985 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 234 1122989 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 235 1123001 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 236 1123005 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 237 1123010 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 238 1123011 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 239 1123014 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 240 1123019 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
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## 244 1123023 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 245 1123024 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
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## 247 1143069 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 248 1143071 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 249 1143073 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 250 1143075 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 251 1143078 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 252 1143080 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 253 1143083 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
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## 258 1143101 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 259 1143103 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 260 1143104 Inform Proteus mirabilis Enterobacteriaceae Nigeria Female  
## 261 1143105 Inform Enterobacter cloacae Enterobacteriaceae Nigeria Male  
## 262 1143106 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 263 1143107 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
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## 269 1143119 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 270 1143124 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
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## 274 1143142 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
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## 289 1143201 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 290 1143202 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
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## 294 1143226 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 295 1143250 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria   
## 296 1143264 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 297 1143271 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 298 1143292 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 299 1147314 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 300 1147317 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 301 1147320 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 302 1147329 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female  
## 303 1147336 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female  
## 304 1147342 Inform Pseudomonas aeruginosa Non-Enterobacteriaceae Kenya Female  
## 305 1227225 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 323 1285917 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa   
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## 343 1317499 Inform Escherichia coli Enterobacteriaceae South Africa Male  
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## 354 1425094 Inform Escherichia coli Enterobacteriaceae South Africa Male  
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## 413 1430840 Inform Proteus mirabilis Enterobacteriaceae South Africa Female  
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## 415 1430939 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 416 1487023 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 458 1598048 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 564 1777763 Atlas Escherichia coli Enterobacteriaceae South Africa Male  
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## 568 1777779 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
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## 570 1777806 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 571 1777809 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 573 1777812 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 580 1777939 Atlas Escherichia coli Enterobacteriaceae South Africa Male  
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## 600 1804424 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
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## 602 1804427 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 603 1804428 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 604 1804429 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 605 1804431 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 606 1804432 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 607 1804452 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 608 1804455 Atlas Klebsiella oxytoca Enterobacteriaceae Nigeria Female  
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## 610 1804459 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 611 1804461 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 612 1804463 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 613 1804464 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 614 1804466 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 615 1804468 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 616 1804472 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 617 1804486 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 618 1804493 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 619 1804502 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 620 1804505 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 621 1804512 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 622 1804517 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 623 1804518 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 624 1804523 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 625 1804526 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 626 1804534 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 627 1804537 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 628 1804538 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 629 1804539 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 630 1809685 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 631 1809693 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 632 1809697 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 633 1809698 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 634 1809709 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 635 1809714 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 636 1809719 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 637 1809730 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 638 1809735 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 639 1809738 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 640 1809748 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 641 1809749 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 642 1809752 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 643 1809755 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 644 1809756 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 645 1809763 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 646 1809769 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 647 1809781 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 648 1809793 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 649 1809795 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 650 1809796 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 651 1809801 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 652 1809805 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 653 1809818 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 654 1809825 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 655 1809828 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 656 1809830 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 657 1809834 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 658 1809844 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 659 1809850 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 660 1809861 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 661 1809862 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 662 1809867 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 663 1809880 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 664 1809881 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 665 1809889 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 666 1809891 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 667 1809910 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 668 1809914 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 669 1809918 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 670 1809920 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 671 1809921 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 672 1809923 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 673 1809929 Atlas Enterobacter cloacae Enterobacteriaceae Nigeria Female  
## 674 1809930 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 675 1809931 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 676 1809937 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 677 1809938 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 678 1809939 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 679 1809940 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 680 1809942 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 681 1809964 Atlas Providencia stuartii Enterobacteriaceae Nigeria Male  
## 682 1809967 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 683 1809970 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 684 1809971 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 685 1809973 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 686 1809974 Atlas Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 687 1809975 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 688 1809977 Atlas Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 689 1809984 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 690 1809986 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 691 1809996 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 692 1809997 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 693 1810002 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 694 1810026 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 695 1810041 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 696 1810049 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 697 1838488 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 698 1838489 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 699 1838490 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 700 1838492 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 701 1838494 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 702 1838499 Atlas Serratia marcescens Enterobacteriaceae South Africa Female  
## 703 1838502 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 704 1838503 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 705 1838513 Atlas Proteus mirabilis Enterobacteriaceae South Africa Male  
## 706 1838515 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 707 1838524 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 708 1838526 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 709 1838533 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 710 1838536 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 711 1838542 Atlas Escherichia coli Enterobacteriaceae South Africa Male  
## 712 1838543 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 713 1838553 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 714 1838554 Atlas Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 715 1838556 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 716 1838560 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 717 1838568 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 718 1838578 Atlas Klebsiella variicola Enterobacteriaceae South Africa Male  
## 719 1838584 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 720 1838603 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 721 1838613 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 722 1873631 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 723 1873632 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 724 1873633 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 725 1873634 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 726 1873636 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 727 1873637 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 728 1873639 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 729 1873640 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 730 1873641 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 731 1873644 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 732 1873645 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 733 1873647 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 734 1873649 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 735 1873651 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 736 1873653 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 737 1873654 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 738 1873656 Atlas Escherichia coli Enterobacteriaceae South Africa Male  
## 739 1873657 Atlas Escherichia coli Enterobacteriaceae South Africa   
## 740 1873660 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## Age.Group Speciality Source In...Out.Patient Year Phenotype  
## 1 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 2 Unknown Surgery General Wound Inpatient 2013 ESBL  
## 3 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 4 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 5 Unknown Surgery General Urine Inpatient 2013 ESBL  
## 6 19 to 64 Years Surgery General None Given Inpatient 2013 ESBL  
## 7 19 to 64 Years Surgery General Urine Inpatient 2013 ESBL  
## 8 0 to 2 Years Pediatric General Wound Inpatient 2013 ESBL  
## 9 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 10 0 to 2 Years Emergency Room Wound Outpatient 2013 ESBL  
## 11 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 12 Unknown Surgery General Skin: Other Inpatient 2013 ESBL  
## 13 0 to 2 Years Emergency Room Wound Outpatient 2013 ESBL  
## 14 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 15 0 to 2 Years Pediatric General Skin: Other Inpatient 2013 ESBL  
## 16 Unknown Surgery General Wound Inpatient 2013 ESBL  
## 17 19 to 64 Years Surgery ICU None Given Inpatient 2013 ESBL  
## 18 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 19 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 20 19 to 64 Years General Unspecified ICU Urine Inpatient 2013 ESBL  
## 21 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 22 19 to 64 Years General Unspecified ICU Wound Inpatient 2013 ESBL  
## 23 19 to 64 Years None Given Wound None Given 2013 ESBL  
## 24 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 25 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 26 Unknown Medicine General Wound Inpatient 2013 ESBL  
## 27 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 28 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 29 Unknown Medicine General Wound Inpatient 2013 ESBL  
## 30 65 to 84 Years General Unspecified ICU Skin: Other Inpatient 2013 ESBL  
## 31 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 32 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 33 19 to 64 Years Surgery General Urine Inpatient 2013 ESBL  
## 34 19 to 64 Years Surgery General Urine Inpatient 2013 ESBL  
## 35 Unknown Surgery General Urine Inpatient 2013 ESBL  
## 36 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 37 19 to 64 Years Surgery General Urine Inpatient 2013 ESBL  
## 38 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 39 65 to 84 Years Medicine General Skin: Other Inpatient 2013 ESBL  
## 40 19 to 64 Years Other Urine None Given 2013 ESBL  
## 41 Unknown Medicine General Urine Inpatient 2013 ESBL  
## 42 0 to 2 Years Emergency Room Wound Outpatient 2013 ESBL  
## 43 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 44 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 45 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 46 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 47 0 to 2 Years Emergency Room Wound Outpatient 2013 ESBL  
## 48 19 to 64 Years Medicine General Sputum Inpatient 2013 ESBL  
## 49 19 to 64 Years Medicine General Sputum Inpatient 2013 ESBL  
## 50 Unknown Medicine General Sputum Inpatient 2013 ESBL  
## 51 0 to 2 Years Other Wound None Given 2013 ESBL  
## 52 Unknown Surgery General Wound Inpatient 2013 ESBL  
## 53 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 54 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 55 19 to 64 Years Medicine ICU Wound Inpatient 2013 ESBL  
## 56 19 to 64 Years Medicine General Skin: Other Inpatient 2013 ESBL  
## 57 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 58 3 to 12 Years Pediatric General Urine Inpatient 2013 ESBL  
## 59 85 and Over Medicine ICU Endotracheal aspirate Inpatient 2013 ESBL  
## 60 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2013 ESBL  
## 61 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2013 ESBL  
## 62 65 to 84 Years Medicine General Gastric Abscess Inpatient 2013 ESBL  
## 63 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 64 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 65 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 66 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 67 65 to 84 Years General Unspecified ICU Urine Inpatient 2013 ESBL  
## 68 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 69 19 to 64 Years Medicine General Skin: Other Inpatient 2013 ESBL  
## 70 19 to 64 Years General Unspecified ICU Skin: Other Inpatient 2013 ESBL  
## 71 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 72 0 to 2 Years Pediatric General Wound Inpatient 2013 ESBL  
## 73 0 to 2 Years Pediatric ICU Wound Inpatient 2013 ESBL  
## 74 65 to 84 Years Medicine ICU Skin: Other Inpatient 2013 ESBL  
## 75 19 to 64 Years None Given Skin: Other None Given 2013 ESBL  
## 76 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 77 19 to 64 Years None Given Respiratory: Other None Given 2013 ESBL  
## 78 65 to 84 Years Surgery General Intestinal: Other Inpatient 2013 ESBL  
## 79 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2013 ESBL  
## 80 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 81 19 to 64 Years Medicine General Intestinal: Other Inpatient 2013 ESBL  
## 82 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2013 ESBL  
## 83 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2013 ESBL  
## 84 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2013 ESBL  
## 85 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2013 ESBL  
## 86 3 to 12 Years Pediatric General Urine Inpatient 2013 ESBL  
## 87 85 and Over Medicine General Urine Inpatient 2013 ESBL  
## 88 3 to 12 Years Pediatric General Urine Inpatient 2013 ESBL  
## 89 65 to 84 Years Medicine General Skin: Other Inpatient 2013 ESBL  
## 90 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 91 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 92 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 93 65 to 84 Years Surgery General Intestinal: Other Inpatient 2013 ESBL  
## 94 65 to 84 Years Surgery General Abscess Inpatient 2013 ESBL  
## 95 65 to 84 Years Surgery ICU Respiratory: Other Inpatient 2013 ESBL  
## 96 65 to 84 Years None Given Urine None Given 2014 ESBL  
## 97 19 to 64 Years None Given Appendix None Given 2014 ESBL  
## 98 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2014 ESBL  
## 99 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 100 65 to 84 Years Medicine General Endotracheal aspirate Inpatient 2014 ESBL  
## 101 65 to 84 Years Medicine ICU Sputum Inpatient 2014 ESBL  
## 102 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 103 65 to 84 Years Medicine ICU Abscess Inpatient 2014 ESBL  
## 104 65 to 84 Years Medicine General Sputum Inpatient 2014 ESBL  
## 105 65 to 84 Years Medicine ICU Urine Inpatient 2014 ESBL  
## 106 19 to 64 Years Medicine ICU Wound Inpatient 2014 ESBL  
## 107 65 to 84 Years Medicine General Wound Inpatient 2014 ESBL  
## 108 0 to 2 Years Medicine General Wound Inpatient 2014 ESBL  
## 109 65 to 84 Years Medicine ICU Sputum Inpatient 2014 ESBL  
## 110 0 to 2 Years Pediatric General Sputum Inpatient 2014 ESBL  
## 111 0 to 2 Years Pediatric General Urine Inpatient 2014 ESBL  
## 112 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 113 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014 ESBL  
## 114 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 115 13 to 18 Years Medicine General Abscess Inpatient 2014 ESBL  
## 116 19 to 64 Years Emergency Room Peritoneal Fluid Outpatient 2014 ESBL  
## 117 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2014 ESBL  
## 118 0 to 2 Years Medicine General Bladder Inpatient 2014 ESBL  
## 119 19 to 64 Years Medicine General Sputum Inpatient 2014 ESBL  
## 120 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 121 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 122 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2014 ESBL  
## 123 3 to 12 Years Pediatric General Wound Inpatient 2014 ESBL  
## 124 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 125 19 to 64 Years Surgery ICU Peritoneal Fluid Inpatient 2014 ESBL  
## 126 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014 ESBL  
## 127 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014 ESBL  
## 128 19 to 64 Years General Unspecified ICU Peritoneal Fluid Inpatient 2014 ESBL  
## 129 19 to 64 Years Surgery ICU Abscess Inpatient 2014 ESBL  
## 130 19 to 64 Years General Unspecified ICU Abscess Inpatient 2014 ESBL  
## 131 19 to 64 Years Medicine General Sputum Inpatient 2014 ESBL  
## 132 0 to 2 Years Pediatric General Urine Inpatient 2014 ESBL  
## 133 65 to 84 Years General Unspecified ICU Urine Inpatient 2014 ESBL  
## 134 0 to 2 Years Pediatric ICU Urine Inpatient 2014 ESBL  
## 135 13 to 18 Years Medicine General Urine Inpatient 2014 ESBL  
## 136 13 to 18 Years Medicine General Urine Inpatient 2014 ESBL  
## 137 0 to 2 Years Pediatric ICU Urine Inpatient 2014 ESBL  
## 138 19 to 64 Years General Unspecified ICU Urine Inpatient 2014 ESBL  
## 139 19 to 64 Years General Unspecified ICU Sputum Inpatient 2014 ESBL  
## 140 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 141 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 142 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 143 65 to 84 Years Medicine General Wound Inpatient 2014 ESBL  
## 144 0 to 2 Years Pediatric ICU Sputum Inpatient 2014 ESBL  
## 145 19 to 64 Years General Unspecified ICU Urine Inpatient 2014 ESBL  
## 146 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 147 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 148 65 to 84 Years General Unspecified ICU Sputum Inpatient 2014 ESBL  
## 149 19 to 64 Years General Unspecified ICU Wound Inpatient 2014 ESBL  
## 150 19 to 64 Years None Given Wound None Given 2014 ESBL  
## 151 65 to 84 Years Surgery General Sputum Inpatient 2014 ESBL  
## 152 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 153 19 to 64 Years Surgery ICU Peritoneal Fluid Inpatient 2014 ESBL  
## 154 19 to 64 Years General Unspecified ICU Wound Inpatient 2014 ESBL  
## 155 65 to 84 Years Surgery ICU Blood Inpatient 2014 ESBL  
## 156 19 to 64 Years Medicine General Colon Inpatient 2014 ESBL  
## 157 65 to 84 Years Surgery General Gastric Abscess Inpatient 2014 ESBL  
## 158 19 to 64 Years Surgery ICU Wound Inpatient 2014 ESBL  
## 159 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 160 65 to 84 Years Surgery General Wound Inpatient 2014 ESBL  
## 161 19 to 64 Years Emergency Room Wound Outpatient 2014 ESBL  
## 162 0 to 2 Years Pediatric General Urine Inpatient 2014 ESBL  
## 163 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 164 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 165 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2014 ESBL  
## 166 0 to 2 Years Pediatric ICU Blood Inpatient 2014 ESBL  
## 167 19 to 64 Years None Given Respiratory: Other None Given 2014 ESBL  
## 168 19 to 64 Years Surgery ICU Urine Inpatient 2014 ESBL  
## 169 0 to 2 Years Surgery ICU Wound Inpatient 2014 ESBL  
## 170 65 to 84 Years Surgery General Abscess Inpatient 2014 ESBL  
## 171 Unknown Pediatric General Blood Inpatient 2014 ESBL  
## 172 65 to 84 Years Medicine ICU Wound Inpatient 2014 ESBL  
## 173 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2014 ESBL  
## 174 65 to 84 Years Medicine ICU Sputum Inpatient 2014 ESBL  
## 175 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2014 ESBL  
## 176 Unknown Pediatric ICU Intestinal: Other Inpatient 2014 ESBL  
## 177 85 and Over Medicine ICU Urine Inpatient 2014 ESBL  
## 178 85 and Over Medicine ICU Respiratory: Other Inpatient 2014 ESBL  
## 179 65 to 84 Years Medicine ICU Bronchoalveolar lavage Inpatient 2014 ESBL  
## 180 65 to 84 Years Medicine ICU Blood Inpatient 2014 ESBL  
## 181 19 to 64 Years Medicine ICU Blood Inpatient 2014 ESBL  
## 182 Unknown Pediatric ICU Wound Inpatient 2014 ESBL  
## 183 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 184 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 185 65 to 84 Years Medicine ICU Urine Inpatient 2014 ESBL  
## 186 19 to 64 Years Surgery ICU Blood Inpatient 2014 ESBL  
## 187 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 188 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 189 19 to 64 Years Medicine ICU Urine Inpatient 2014 ESBL  
## 190 3 to 12 Years Pediatric General Wound Inpatient 2014 ESBL  
## 191 65 to 84 Years Surgery General Bladder Inpatient 2014 ESBL  
## 192 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 193 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 194 19 to 64 Years Surgery General Bladder Inpatient 2014 ESBL  
## 195 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 196 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 197 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 198 19 to 64 Years Medicine General Bladder Inpatient 2014 ESBL  
## 199 3 to 12 Years Pediatric General Ulcer Inpatient 2014 ESBL  
## 200 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 201 Unknown Pediatric General Urine Inpatient 2014 ESBL  
## 202 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 203 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 204 65 to 84 Years Medicine General Sputum Inpatient 2014 ESBL  
## 205 19 to 64 Years Medicine General Abscess Inpatient 2014 ESBL  
## 206 0 to 2 Years Pediatric General Wound Inpatient 2014 ESBL  
## 207 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 208 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 209 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 210 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 211 13 to 18 Years Pediatric General Blood Inpatient 2014 ESBL  
## 212 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 213 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 214 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2014 ESBL  
## 215 19 to 64 Years Pediatric General Wound Inpatient 2014 ESBL  
## 216 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 217 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2014 ESBL  
## 218 65 to 84 Years Surgery General Wound Inpatient 2014 ESBL  
## 219 19 to 64 Years Medicine General Sputum Inpatient 2014 ESBL  
## 220 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 221 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 222 19 to 64 Years Medicine General Abscess Inpatient 2014 ESBL  
## 223 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 224 19 to 64 Years Surgery General Ulcer Inpatient 2014 ESBL  
## 225 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 226 0 to 2 Years Medicine General Wound Inpatient 2014 ESBL  
## 227 19 to 64 Years Emergency Room Wound Outpatient 2014 ESBL  
## 228 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 229 0 to 2 Years Pediatric ICU Blood Inpatient 2014 ESBL  
## 230 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 231 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 232 19 to 64 Years Medicine General Thoracentesis Fluid Inpatient 2014 ESBL  
## 233 19 to 64 Years Emergency Room Thoracentesis Fluid Outpatient 2014 ESBL  
## 234 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 235 65 to 84 Years Surgery General Wound Inpatient 2014 ESBL  
## 236 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 237 19 to 64 Years Surgery ICU Burn Inpatient 2014 ESBL  
## 238 19 to 64 Years Medicine General Bladder Inpatient 2014 ESBL  
## 239 19 to 64 Years Surgery ICU Wound Inpatient 2014 ESBL  
## 240 65 to 84 Years Surgery General Urine Inpatient 2014 ESBL  
## 241 19 to 64 Years Surgery ICU Impetiginous lesions Inpatient 2014 ESBL  
## 242 19 to 64 Years Medicine General Burn Inpatient 2014 ESBL  
## 243 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 244 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 245 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 246 19 to 64 Years Pediatric ICU Blood Inpatient 2014 ESBL  
## 247 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 248 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 249 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 250 65 to 84 Years Emergency Room Urine Outpatient 2014 ESBL  
## 251 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 252 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 253 0 to 2 Years Pediatric ICU Blood Inpatient 2014 ESBL  
## 254 0 to 2 Years Surgery General Urine Inpatient 2014 ESBL  
## 255 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 256 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 257 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 258 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 259 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 260 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 261 19 to 64 Years Pediatric General Urine Inpatient 2014 ESBL  
## 262 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 263 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 264 19 to 64 Years Medicine General Bladder Inpatient 2014 ESBL  
## 265 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 266 19 to 64 Years Surgery General Prostate Inpatient 2014 ESBL  
## 267 3 to 12 Years Medicine General Urine Inpatient 2014 ESBL  
## 268 65 to 84 Years Medicine General Prostate Inpatient 2014 ESBL  
## 269 0 to 2 Years Pediatric General Wound Inpatient 2014 ESBL  
## 270 19 to 64 Years None Given Wound None Given 2014 ESBL  
## 271 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 272 19 to 64 Years Medicine General Abscess Inpatient 2014 ESBL  
## 273 19 to 64 Years Surgery General Ulcer Inpatient 2014 ESBL  
## 274 0 to 2 Years Surgery General Peritoneal Fluid Inpatient 2014 ESBL  
## 275 0 to 2 Years Surgery General Abscess Inpatient 2014 ESBL  
## 276 19 to 64 Years Surgery General Abscess Inpatient 2014 ESBL  
## 277 65 to 84 Years None Given Wound None Given 2014 ESBL  
## 278 19 to 64 Years Surgery General Cellulitis Inpatient 2014 ESBL  
## 279 19 to 64 Years Surgery General Burn Inpatient 2014 ESBL  
## 280 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 281 19 to 64 Years Medicine General Abscess Inpatient 2014 ESBL  
## 282 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 283 85 and Over Surgery General Prostate Inpatient 2014 ESBL  
## 284 0 to 2 Years Pediatric General Wound Inpatient 2014 ESBL  
## 285 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 286 3 to 12 Years Surgery General Gastric Abscess Inpatient 2014 ESBL  
## 287 13 to 18 Years Surgery General Wound Inpatient 2014 ESBL  
## 288 19 to 64 Years General Unspecified ICU Thoracentesis Fluid Inpatient 2014 ESBL  
## 289 65 to 84 Years Emergency Room Prostate Outpatient 2014 ESBL  
## 290 19 to 64 Years Medicine General Prostate Inpatient 2014 ESBL  
## 291 19 to 64 Years Emergency Room Blood Outpatient 2014 ESBL  
## 292 19 to 64 Years None Given Blood None Given 2014 ESBL  
## 293 19 to 64 Years Medicine General Sputum Inpatient 2014 ESBL  
## 294 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 295 65 to 84 Years Medicine General Blood Inpatient 2014 ESBL  
## 296 19 to 64 Years Medicine General Urethra Inpatient 2014 ESBL  
## 297 19 to 64 Years Surgery General Skin: Other Inpatient 2014 ESBL  
## 298 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 299 19 to 64 Years Other Wound None Given 2014 ESBL  
## 300 19 to 64 Years Other Urine None Given 2014 ESBL  
## 301 85 and Over Other Urine None Given 2014 ESBL  
## 302 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 303 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 304 65 to 84 Years Medicine General Cellulitis Inpatient 2014 ESBL  
## 305 19 to 64 Years Medicine General Sputum Inpatient 2015 ESBL  
## 306 19 to 64 Years Medicine General Wound Inpatient 2015 ESBL  
## 307 19 to 64 Years Medicine General Sputum Inpatient 2015 ESBL  
## 308 65 to 84 Years General Unspecified ICU Ulcer Inpatient 2015 ESBL  
## 309 65 to 84 Years Medicine General Respiratory: Other Inpatient 2015 ESBL  
## 310 65 to 84 Years Emergency Room Urine Outpatient 2015 ESBL  
## 311 19 to 64 Years Medicine General Burn Inpatient 2015 ESBL  
## 312 65 to 84 Years Medicine General Wound Inpatient 2015 ESBL  
## 313 65 to 84 Years Medicine General Sputum Inpatient 2015 ESBL  
## 314 65 to 84 Years Medicine General Blood Inpatient 2015 ESBL  
## 315 65 to 84 Years Other Colon None Given 2015 ESBL  
## 316 19 to 64 Years Medicine General Abscess Inpatient 2015 ESBL  
## 317 65 to 84 Years Medicine General Sputum Inpatient 2015 ESBL  
## 318 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2015 ESBL  
## 319 19 to 64 Years Medicine General Sputum Inpatient 2015 ESBL  
## 320 19 to 64 Years None Given Endotracheal aspirate None Given 2015 ESBL  
## 321 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015 ESBL  
## 322 0 to 2 Years Medicine General Endotracheal aspirate Inpatient 2015 ESBL  
## 323 65 to 84 Years Medicine General Genitourinary: Other Inpatient 2015 ESBL  
## 324 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2015 ESBL  
## 325 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2015 ESBL  
## 326 19 to 64 Years None Given Pancreas None Given 2015 ESBL  
## 327 19 to 64 Years Surgery ICU Gastric Abscess Inpatient 2015 ESBL  
## 328 19 to 64 Years Surgery General Intestinal: Other Inpatient 2015 ESBL  
## 329 19 to 64 Years Medicine General Sputum Inpatient 2015 ESBL  
## 330 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015 ESBL  
## 331 19 to 64 Years General Unspecified ICU Sputum Inpatient 2015 ESBL  
## 332 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015 ESBL  
## 333 65 to 84 Years General Unspecified ICU Urine Inpatient 2015 ESBL  
## 334 19 to 64 Years Surgery General Urine Inpatient 2015 ESBL  
## 335 65 to 84 Years Medicine General Urine Inpatient 2015 ESBL  
## 336 0 to 2 Years Pediatric General Sputum Inpatient 2015 ESBL  
## 337 19 to 64 Years General Unspecified ICU Sputum Inpatient 2015 ESBL  
## 338 19 to 64 Years General Unspecified ICU Sputum Inpatient 2015 ESBL  
## 339 19 to 64 Years Medicine General Intestinal: Other Inpatient 2015 ESBL  
## 340 65 to 84 Years Medicine General Intestinal: Other Inpatient 2015 ESBL  
## 341 85 and Over General Unspecified ICU Urine Inpatient 2015 ESBL  
## 342 19 to 64 Years Medicine General Wound Inpatient 2015 ESBL  
## 343 65 to 84 Years Medicine ICU Sputum Inpatient 2015 ESBL  
## 344 19 to 64 Years Medicine General Wound Inpatient 2015 ESBL  
## 345 19 to 64 Years Emergency Room Wound Outpatient 2016 ESBL  
## 346 65 to 84 Years Medicine General Thoracentesis Fluid Inpatient 2016 ESBL  
## 347 0 to 2 Years Pediatric General Sputum Inpatient 2016 ESBL  
## 348 65 to 84 Years Medicine General Abscess Inpatient 2016 ESBL  
## 349 65 to 84 Years Medicine General Intestinal: Other Inpatient 2016 ESBL  
## 350 0 to 2 Years Medicine General Wound Inpatient 2016 ESBL  
## 351 85 and Over Medicine ICU Sputum Inpatient 2016 ESBL  
## 352 65 to 84 Years Surgery General Ulcer Inpatient 2016 ESBL  
## 353 19 to 64 Years Surgery General Urine Inpatient 2016 ESBL  
## 354 19 to 64 Years Other Gastric Abscess None Given 2016 ESBL  
## 355 65 to 84 Years Medicine General Sputum Inpatient 2016 ESBL  
## 356 85 and Over Medicine General Sputum Inpatient 2016 ESBL  
## 357 65 to 84 Years Medicine General Abscess Inpatient 2016 ESBL  
## 358 19 to 64 Years Medicine General Wound Inpatient 2016 ESBL  
## 359 65 to 84 Years Medicine General Wound Inpatient 2016 ESBL  
## 360 19 to 64 Years Medicine General Wound Inpatient 2016 ESBL  
## 361 19 to 64 Years Medicine General Wound Inpatient 2016 ESBL  
## 362 19 to 64 Years Surgery General Abscess Inpatient 2016 ESBL  
## 363 19 to 64 Years Surgery General Gastric Abscess Inpatient 2016 ESBL  
## 364 65 to 84 Years Surgery ICU Sputum Inpatient 2016 ESBL  
## 365 19 to 64 Years Surgery General Stomach Inpatient 2016 ESBL  
## 366 19 to 64 Years Medicine ICU Intestinal: Other Inpatient 2016 ESBL  
## 367 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2016 ESBL  
## 368 0 to 2 Years Pediatric General Wound Inpatient 2016 ESBL  
## 369 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 370 19 to 64 Years Medicine General Intestinal: Other Inpatient 2016 ESBL  
## 371 65 to 84 Years Surgery General Wound Inpatient 2016 ESBL  
## 372 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 373 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 374 19 to 64 Years None Given Intestinal: Other None Given 2016 ESBL  
## 375 65 to 84 Years Medicine General Cellulitis Inpatient 2016 ESBL  
## 376 13 to 18 Years Surgery General Intestinal: Other Inpatient 2016 ESBL  
## 377 19 to 64 Years Surgery General Wound Inpatient 2016 ESBL  
## 378 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 379 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 380 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 381 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016 ESBL  
## 382 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 383 0 to 2 Years Pediatric General Urine Inpatient 2016 ESBL  
## 384 19 to 64 Years Other Urine None Given 2016 ESBL  
## 385 0 to 2 Years Pediatric General Urine Inpatient 2016 ESBL  
## 386 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 387 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 388 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 389 19 to 64 Years Medicine General Wound Inpatient 2016 ESBL  
## 390 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 391 3 to 12 Years Pediatric General Urine Inpatient 2016 ESBL  
## 392 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016 ESBL  
## 393 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 394 19 to 64 Years Medicine ICU Wound Inpatient 2016 ESBL  
## 395 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016 ESBL  
## 396 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 397 65 to 84 Years Medicine ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 398 19 to 64 Years Medicine General Bronchus Inpatient 2016 ESBL  
## 399 0 to 2 Years Pediatric ICU Blood Inpatient 2016 ESBL  
## 400 3 to 12 Years Pediatric ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 401 19 to 64 Years Emergency Room Sputum Outpatient 2016 ESBL  
## 402 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 403 0 to 2 Years Pediatric ICU Blood Inpatient 2016 ESBL  
## 404 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 405 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016 ESBL  
## 406 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016 ESBL  
## 407 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 408 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 409 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 410 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 411 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2016 ESBL  
## 412 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 413 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 414 19 to 64 Years Other Wound None Given 2016 ESBL  
## 415 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016 ESBL  
## 416 65 to 84 Years Medicine General Intestinal: Other Inpatient 2016 ESBL  
## 417 19 to 64 Years General Unspecified ICU Sputum Inpatient 2016 ESBL  
## 418 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 419 19 to 64 Years Medicine General Intestinal: Other Inpatient 2016 ESBL  
## 420 0 to 2 Years Medicine General Bronchoalveolar lavage Inpatient 2016 ESBL  
## 421 65 to 84 Years Medicine ICU Bronchoalveolar lavage Inpatient 2016 ESBL  
## 422 85 and Over Medicine General Sputum Inpatient 2016 ESBL  
## 423 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 424 19 to 64 Years Surgery General Gastric Abscess Inpatient 2016 ESBL  
## 425 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 426 19 to 64 Years Surgery General Sputum Inpatient 2016 ESBL  
## 427 19 to 64 Years General Unspecified ICU Sputum Inpatient 2016 ESBL  
## 428 65 to 84 Years Medicine ICU Sputum Inpatient 2016 ESBL  
## 429 19 to 64 Years Surgery ICU Urine Inpatient 2016 ESBL  
## 430 19 to 64 Years Medicine ICU Bronchoalveolar lavage Inpatient 2016 ESBL  
## 431 0 to 2 Years Pediatric General Sputum Inpatient 2016 ESBL  
## 432 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 433 65 to 84 Years Medicine ICU Urine Inpatient 2016 ESBL  
## 434 85 and Over Medicine General Urine Inpatient 2016 ESBL  
## 435 19 to 64 Years Medicine General Blood Inpatient 2016 ESBL  
## 436 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 437 19 to 64 Years Surgery General Urine Inpatient 2016 ESBL  
## 438 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 439 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 440 65 to 84 Years Emergency Room Urine Outpatient 2016 ESBL  
## 441 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 442 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 443 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 444 65 to 84 Years General Unspecified ICU Urine Inpatient 2016 ESBL  
## 445 65 to 84 Years Medicine General Abscess 2017 ESBL  
## 446 65 to 84 Years Emergency Room Blood 2017 ESBL  
## 447 85 and Over Emergency Room Blood 2017 ESBL  
## 448 65 to 84 Years Medicine General Wound 2017 ESBL  
## 449 65 to 84 Years Medicine General Abscess 2017 ESBL  
## 450 19 to 64 Years Medicine General Blood 2017 ESBL  
## 451 65 to 84 Years Medicine General Sputum 2017 ESBL  
## 452 65 to 84 Years Medicine General Blood 2017 ESBL  
## 453 13 to 18 Years Medicine General Blood 2017 ESBL  
## 454 65 to 84 Years Surgery General Wound 2017 ESBL  
## 455 13 to 18 Years Medicine General Intestinal: Other 2017 ESBL  
## 456 19 to 64 Years Medicine General Intestinal: Other 2017 ESBL  
## 457 65 to 84 Years Medicine General Ulcer 2017 ESBL  
## 458 19 to 64 Years General Unspecified ICU Endotracheal aspirate 2017 ESBL  
## 459 19 to 64 Years General Unspecified ICU Bronchus 2017 ESBL  
## 460 19 to 64 Years Medicine General Wound 2017 ESBL  
## 461 65 to 84 Years Medicine General Sputum 2017 ESBL  
## 462 19 to 64 Years Surgery General Abscess 2017 ESBL  
## 463 85 and Over Medicine General Sputum 2017 ESBL  
## 464 19 to 64 Years Surgery General Intestinal: Other 2017 ESBL  
## 465 65 to 84 Years General Unspecified ICU Blood 2017 ESBL  
## 466 65 to 84 Years General Unspecified ICU Endotracheal aspirate 2017 ESBL  
## 467 19 to 64 Years Surgery General Stomach 2017 ESBL  
## 468 65 to 84 Years Medicine General Blood 2017 ESBL  
## 469 65 to 84 Years Medicine General Urine 2017 ESBL  
## 470 19 to 64 Years Surgery General Urine 2017 ESBL  
## 471 19 to 64 Years Medicine General Urine 2017 ESBL  
## 472 85 and Over Medicine General Urine 2017 ESBL  
## 473 65 to 84 Years Surgery ICU Sputum 2017 ESBL  
## 474 65 to 84 Years General Unspecified ICU Sputum 2017 ESBL  
## 475 19 to 64 Years Medicine General Sputum 2017 ESBL  
## 476 65 to 84 Years Medicine General Sputum 2017 ESBL  
## 477 85 and Over General Unspecified ICU Endotracheal aspirate 2017 ESBL  
## 478 65 to 84 Years Medicine General Sputum 2017 ESBL  
## 479 19 to 64 Years Surgery General Sputum 2017 ESBL  
## 480 19 to 64 Years Medicine General Peritoneal Fluid 2017 ESBL  
## 481 19 to 64 Years Medicine General Intestinal: Other 2017 ESBL  
## 482 19 to 64 Years Surgery General Abscess 2017 ESBL  
## 483 65 to 84 Years Surgery General Intestinal: Other 2017 ESBL  
## 484 19 to 64 Years Surgery General Cellulitis 2017 ESBL  
## 485 65 to 84 Years General Unspecified ICU Intestinal: Other 2017 ESBL  
## 486 19 to 64 Years General Unspecified ICU Intestinal: Other 2017 ESBL  
## 487 19 to 64 Years Medicine General Wound 2017 ESBL  
## 488 85 and Over None Given Intestinal: Other 2017 ESBL  
## 489 19 to 64 Years Surgery General Intestinal: Other 2017 ESBL  
## 490 65 to 84 Years General Unspecified ICU Cellulitis 2017 ESBL  
## 491 0 to 2 Years Pediatric General Burn 2017 ESBL  
## 492 65 to 84 Years Medicine General Wound 2017 ESBL  
## 493 19 to 64 Years General Unspecified ICU Sputum 2017 ESBL  
## 494 19 to 64 Years General Unspecified ICU Sputum 2017 ESBL  
## 495 19 to 64 Years Medicine General Intestinal: Other 2017 ESBL  
## 496 65 to 84 Years Medicine General Endotracheal aspirate 2017 ESBL  
## 497 19 to 64 Years Surgery General Intestinal: Other 2017 ESBL  
## 498 85 and Over Surgery General Urine 2017 ESBL  
## 499 85 and Over Medicine General Urine 2017 ESBL  
## 500 19 to 64 Years General Unspecified ICU Blood 2017 ESBL  
## 501 19 to 64 Years General Unspecified ICU Sputum 2017 ESBL  
## 502 19 to 64 Years Medicine General Urine 2017 ESBL  
## 503 3 to 12 Years General Unspecified ICU Sputum 2017 ESBL  
## 504 19 to 64 Years General Unspecified ICU Sputum 2017 ESBL  
## 505 65 to 84 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 506 65 to 84 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 507 65 to 84 Years Medicine ICU Sputum 2017 ESBL  
## 508 19 to 64 Years Medicine General Sputum 2017 ESBL  
## 509 19 to 64 Years Medicine General Urine 2017 ESBL  
## 510 19 to 64 Years Medicine General Abscess 2017 ESBL  
## 511 19 to 64 Years Medicine General Urine 2017 ESBL  
## 512 65 to 84 Years Medicine General Intestinal: Other 2017 ESBL  
## 513 65 to 84 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 514 19 to 64 Years Medicine General Urine 2017 ESBL  
## 515 65 to 84 Years General Unspecified ICU Sputum 2017 ESBL  
## 516 19 to 64 Years Medicine General Urine 2017 ESBL  
## 517 19 to 64 Years Medicine General Sputum 2017 ESBL  
## 518 19 to 64 Years Surgery General Abscess 2017 ESBL  
## 519 0 to 2 Years Medicine ICU Sputum 2017 ESBL  
## 520 65 to 84 Years Medicine General Urine 2017 ESBL  
## 521 19 to 64 Years Medicine General Blood 2017 ESBL  
## 522 19 to 64 Years Medicine General Blood 2017 ESBL  
## 523 0 to 2 Years Pediatric ICU Blood 2017 ESBL  
## 524 19 to 64 Years Medicine General Urine 2017 ESBL  
## 525 65 to 84 Years None Given Skin: Other None Given 2005 ESBL  
## 526 19 to 64 Years None Given Sputum None Given 2005 ESBL  
## 527 19 to 64 Years Medicine General Synovial Fluid Inpatient 2005 ESBL  
## 528 19 to 64 Years Medicine General Blood 2017 ESBL  
## 529 Unknown Medicine General Blood 2017 ESBL  
## 530 Unknown Pediatric ICU Endotracheal aspirate 2017 ESBL  
## 531 0 to 2 Years Medicine ICU Blood 2017 ESBL  
## 532 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 533 Unknown Medicine General Blood 2017 ESBL  
## 534 Unknown Medicine General Sputum 2017 ESBL  
## 535 Unknown Medicine General Blood 2017 ESBL  
## 536 0 to 2 Years Pediatric ICU Blood 2017 ESBL  
## 537 19 to 64 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 538 0 to 2 Years Pediatric ICU Blood 2017 ESBL  
## 539 Unknown Medicine General Blood 2017 ESBL  
## 540 85 and Over Medicine General Blood 2017 ESBL  
## 541 0 to 2 Years Pediatric ICU Blood 2017 ESBL  
## 542 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 543 Unknown Medicine General Blood 2017 ESBL  
## 544 19 to 64 Years Medicine General Abdominal Fluid 2017 ESBL  
## 545 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 546 65 to 84 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 547 19 to 64 Years Medicine General Blood 2017 ESBL  
## 548 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 549 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 550 13 to 18 Years None Given Blood 2017 ESBL  
## 551 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 552 Unknown General Unspecified ICU Blood 2017 ESBL  
## 553 19 to 64 Years Medicine General Blood 2017 ESBL  
## 554 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 555 19 to 64 Years Medicine General Blood 2017 ESBL  
## 556 0 to 2 Years Medicine General Blood 2017 ESBL  
## 557 19 to 64 Years Medicine General Urine 2017 ESBL  
## 558 19 to 64 Years Medicine General Peritoneal Fluid 2017 ESBL  
## 559 19 to 64 Years None Given Blood 2017 ESBL  
## 560 65 to 84 Years Medicine General Peritoneal Fluid 2017 ESBL  
## 561 0 to 2 Years None Given Blood 2017 ESBL  
## 562 19 to 64 Years Medicine ICU Blood Inpatient 2005 ESBL  
## 563 19 to 64 Years General Unspecified ICU Wound 2018 ESBL  
## 564 19 to 64 Years Medicine General Wound 2018 ESBL  
## 565 19 to 64 Years Medicine General Appendix 2018 ESBL  
## 566 65 to 84 Years Surgery General Gastric Abscess 2018 ESBL  
## 567 19 to 64 Years Medicine General Wound 2018 ESBL  
## 568 65 to 84 Years General Unspecified ICU Sputum 2018 ESBL  
## 569 65 to 84 Years Medicine General Intestinal: Other 2018 ESBL  
## 570 85 and Over Medicine General Wound 2018 ESBL  
## 571 65 to 84 Years Surgery General Wound 2018 ESBL  
## 572 19 to 64 Years General Unspecified ICU Intestinal: Other 2018 ESBL  
## 573 19 to 64 Years Medicine General Wound 2018 ESBL  
## 574 65 to 84 Years Surgery General Intestinal: Other 2018 ESBL  
## 575 19 to 64 Years Medicine General Urine 2018 ESBL  
## 576 19 to 64 Years General Unspecified ICU Endotracheal aspirate 2018 ESBL  
## 577 19 to 64 Years Medicine ICU Sputum 2018 ESBL  
## 578 19 to 64 Years Medicine General Sputum 2018 ESBL  
## 579 0 to 2 Years Pediatric ICU Endotracheal aspirate 2018 ESBL  
## 580 19 to 64 Years Emergency Room Blood 2018 ESBL  
## 581 65 to 84 Years Medicine General Blood 2018 ESBL  
## 582 19 to 64 Years Emergency Room Urine 2018 ESBL  
## 583 19 to 64 Years Medicine General Urine 2018 ESBL  
## 584 19 to 64 Years Surgery General Blood 2018 ESBL  
## 585 0 to 2 Years Medicine General Gastric Abscess 2018 ESBL  
## 586 65 to 84 Years Surgery General Urine 2018 ESBL  
## 587 65 to 84 Years Medicine ICU Urine 2018 ESBL  
## 588 0 to 2 Years Surgery General Abscess 2018 ESBL  
## 589 65 to 84 Years Surgery General Urine 2018 ESBL  
## 590 65 to 84 Years Surgery General Urine 2018 ESBL  
## 591 65 to 84 Years Medicine General Wound 2018 ESBL  
## 592 65 to 84 Years Surgery General Wound 2018 ESBL  
## 593 19 to 64 Years Surgery General Endotracheal aspirate 2018 ESBL  
## 594 3 to 12 Years Medicine General Blood 2018 ESBL  
## 595 3 to 12 Years Pediatric General Blood 2018 ESBL  
## 596 13 to 18 Years Medicine ICU Blood 2018 ESBL  
## 597 19 to 64 Years Emergency Room Blood 2018 ESBL  
## 598 65 to 84 Years Surgery General Blood 2018 ESBL  
## 599 65 to 84 Years Surgery General Wound 2018 ESBL  
## 600 19 to 64 Years Surgery General Wound 2018 ESBL  
## 601 65 to 84 Years Emergency Room Blood 2018 ESBL  
## 602 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 603 65 to 84 Years Surgery General Sputum 2018 ESBL  
## 604 65 to 84 Years Medicine General Blood 2018 ESBL  
## 605 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 606 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 607 19 to 64 Years Surgery General Wound 2018 ESBL  
## 608 19 to 64 Years None Given Wound 2018 ESBL  
## 609 65 to 84 Years Medicine General Blood 2018 ESBL  
## 610 19 to 64 Years Medicine General Blood 2018 ESBL  
## 611 0 to 2 Years Emergency Room Blood 2018 ESBL  
## 612 65 to 84 Years Medicine General Blood 2018 ESBL  
## 613 65 to 84 Years Surgery General Blood 2018 ESBL  
## 614 65 to 84 Years Medicine General Blood 2018 ESBL  
## 615 19 to 64 Years Surgery General Blood 2018 ESBL  
## 616 3 to 12 Years Surgery General Carbuncle 2018 ESBL  
## 617 19 to 64 Years Medicine General Blood 2018 ESBL  
## 618 19 to 64 Years Surgery General Wound 2018 ESBL  
## 619 65 to 84 Years None Given Wound 2018 ESBL  
## 620 19 to 64 Years None Given Wound 2018 ESBL  
## 621 13 to 18 Years None Given Peritoneal Fluid 2018 ESBL  
## 622 19 to 64 Years Emergency Room Blood 2018 ESBL  
## 623 19 to 64 Years Medicine General Blood 2018 ESBL  
## 624 0 to 2 Years None Given Blood 2018 ESBL  
## 625 19 to 64 Years None Given Blood 2018 ESBL  
## 626 19 to 64 Years Surgery General Abscess 2018 ESBL  
## 627 3 to 12 Years Pediatric General Colon 2018 ESBL  
## 628 19 to 64 Years Surgery ICU Intestinal: Other 2018 ESBL  
## 629 13 to 18 Years Surgery ICU Colon 2018 ESBL  
## 630 65 to 84 Years Medicine General Urine 2018 ESBL  
## 631 3 to 12 Years Other Blood 2018 ESBL  
## 632 19 to 64 Years None Given Urine 2018 ESBL  
## 633 19 to 64 Years None Given Urine 2018 ESBL  
## 634 19 to 64 Years Emergency Room Urine 2018 ESBL  
## 635 19 to 64 Years Surgery General Wound 2018 ESBL  
## 636 19 to 64 Years Other Genitourinary: Other 2018 ESBL  
## 637 3 to 12 Years Other Blood 2018 ESBL  
## 638 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 639 3 to 12 Years Pediatric ICU Blood 2018 ESBL  
## 640 0 to 2 Years None Given Wound 2018 ESBL  
## 641 19 to 64 Years Medicine General Wound 2018 ESBL  
## 642 3 to 12 Years Pediatric General Blood 2018 ESBL  
## 643 0 to 2 Years Pediatric ICU Wound 2018 ESBL  
## 644 19 to 64 Years Other Genitourinary: Other 2018 ESBL  
## 645 19 to 64 Years Surgery General Wound 2018 ESBL  
## 646 19 to 64 Years Medicine General Wound 2018 ESBL  
## 647 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 648 19 to 64 Years Surgery General Wound 2018 ESBL  
## 649 19 to 64 Years Medicine General Blood 2018 ESBL  
## 650 19 to 64 Years Medicine General Blood 2018 ESBL  
## 651 19 to 64 Years None Given Urine 2018 ESBL  
## 652 13 to 18 Years Pediatric General Wound 2018 ESBL  
## 653 3 to 12 Years Pediatric ICU Blood 2018 ESBL  
## 654 65 to 84 Years Medicine General Urethra 2018 ESBL  
## 655 13 to 18 Years Pediatric General Bladder 2018 ESBL  
## 656 19 to 64 Years Medicine ICU Blood 2018 ESBL  
## 657 19 to 64 Years Surgery General Kidney 2018 ESBL  
## 658 19 to 64 Years Medicine General Sputum 2018 ESBL  
## 659 19 to 64 Years Surgery General Urethra 2018 ESBL  
## 660 19 to 64 Years Surgery ICU Genitourinary: Other 2018 ESBL  
## 661 19 to 64 Years Surgery ICU Wound 2018 ESBL  
## 662 0 to 2 Years Pediatric ICU Impetiginous lesions 2018 ESBL  
## 663 19 to 64 Years Medicine ICU Blood 2018 ESBL  
## 664 19 to 64 Years Surgery General Urine 2018 ESBL  
## 665 19 to 64 Years None Given Wound 2018 ESBL  
## 666 19 to 64 Years None Given Urine 2018 ESBL  
## 667 19 to 64 Years Medicine General Wound 2018 ESBL  
## 668 19 to 64 Years Surgery General Prostate 2018 ESBL  
## 669 65 to 84 Years Surgery General Urine 2018 ESBL  
## 670 3 to 12 Years Pediatric General Urine 2018 ESBL  
## 671 19 to 64 Years Other Urine 2018 ESBL  
## 672 19 to 64 Years Other Urine 2018 ESBL  
## 673 19 to 64 Years Surgery General Kidney 2018 ESBL  
## 674 19 to 64 Years Surgery General Urine 2018 ESBL  
## 675 19 to 64 Years Other Intestinal: Other 2018 ESBL  
## 676 19 to 64 Years Medicine General Urine 2018 ESBL  
## 677 0 to 2 Years Pediatric General Urine 2018 ESBL  
## 678 3 to 12 Years Pediatric General Urine 2018 ESBL  
## 679 19 to 64 Years Medicine General Urine 2018 ESBL  
## 680 0 to 2 Years Pediatric ICU Wound 2018 ESBL  
## 681 19 to 64 Years Surgery General Appendix 2018 ESBL  
## 682 65 to 84 Years Medicine General Urine 2018 ESBL  
## 683 19 to 64 Years Surgery General Urethra 2018 ESBL  
## 684 19 to 64 Years Medicine General Urine 2018 ESBL  
## 685 19 to 64 Years Medicine General Kidney 2018 ESBL  
## 686 19 to 64 Years Surgery General Urine 2018 ESBL  
## 687 19 to 64 Years Medicine General Urine 2018 ESBL  
## 688 65 to 84 Years Medicine General Wound 2018 ESBL  
## 689 19 to 64 Years Medicine General Urine 2018 ESBL  
## 690 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 691 19 to 64 Years Surgery General Gastric Abscess 2018 ESBL  
## 692 3 to 12 Years Pediatric General Urine 2018 ESBL  
## 693 19 to 64 Years Medicine General Urine 2018 ESBL  
## 694 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 695 19 to 64 Years Surgery General Appendix 2018 ESBL  
## 696 85 and Over Surgery General Urine 2018 ESBL  
## 697 19 to 64 Years Medicine General Blood 2018 ESBL  
## 698 19 to 64 Years General Unspecified ICU Blood 2018 ESBL  
## 699 19 to 64 Years Medicine General Blood 2018 ESBL  
## 700 65 to 84 Years Other Blood 2018 ESBL  
## 701 19 to 64 Years Other Blood 2018 ESBL  
## 702 85 and Over Medicine ICU Blood 2018 ESBL  
## 703 0 to 2 Years General Unspecified ICU Blood 2018 ESBL  
## 704 65 to 84 Years Medicine General Blood 2018 ESBL  
## 705 65 to 84 Years Medicine General Sputum 2018 ESBL  
## 706 85 and Over Medicine General Urine 2018 ESBL  
## 707 85 and Over General Unspecified ICU Sputum 2018 ESBL  
## 708 13 to 18 Years Other Skin: Other 2018 ESBL  
## 709 0 to 2 Years Pediatric ICU Sputum 2018 ESBL  
## 710 13 to 18 Years Medicine General Liver 2018 ESBL  
## 711 65 to 84 Years Medicine ICU Urine 2018 ESBL  
## 712 19 to 64 Years Medicine General Urine 2018 ESBL  
## 713 19 to 64 Years General Unspecified ICU Sputum 2018 ESBL  
## 714 65 to 84 Years Other Sputum 2018 ESBL  
## 715 65 to 84 Years Surgery ICU Bronchus 2018 ESBL  
## 716 85 and Over General Unspecified ICU Sputum 2018 ESBL  
## 717 0 to 2 Years Pediatric ICU Wound 2018 ESBL  
## 718 0 to 2 Years General Unspecified ICU Bronchoalveolar lavage 2018 ESBL  
## 719 65 to 84 Years General Unspecified ICU Colon 2018 ESBL  
## 720 85 and Over Medicine General Urine 2018 ESBL  
## 721 19 to 64 Years Surgery General Bronchus 2018 ESBL  
## 722 0 to 2 Years Pediatric ICU Sputum 2018 ESBL  
## 723 Unknown Medicine General Blood 2018 ESBL  
## 724 0 to 2 Years Pediatric General Gastric Abscess 2018 ESBL  
## 725 0 to 2 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 726 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 727 19 to 64 Years Medicine General Urine 2018 ESBL  
## 728 Unknown Medicine ICU Blood 2018 ESBL  
## 729 19 to 64 Years Medicine General Urine 2018 ESBL  
## 730 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 731 19 to 64 Years Medicine General Urine 2018 ESBL  
## 732 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 733 19 to 64 Years Medicine General Peritoneal Fluid 2018 ESBL  
## 734 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 735 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 736 Unknown Medicine General Blood 2018 ESBL  
## 737 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 738 19 to 64 Years Medicine General Urine 2018 ESBL  
## 739 Unknown Medicine General Sputum 2018 ESBL  
## 740 19 to 64 Years Surgery ICU Bronchus 2018 ESBL  
## Amikacin Amikacin\_I Amoxycillin.clavulanate Amoxycillin.clavulanate\_I Ampicillin Ampicillin\_I  
## 1 4 Susceptible 16 Intermediate >32 Resistant  
## 2 8 Intermediate >16 Resistant >32 Resistant  
## 3 2 Susceptible 8 Susceptible >32 Resistant  
## 4 4 Susceptible 16 Intermediate >32 Resistant  
## 5 4 Susceptible 8 Susceptible >32 Resistant  
## 6 8 Intermediate 16 Intermediate >32 Resistant  
## 7 8 Intermediate 16 Intermediate >32 Resistant  
## 8 8 Intermediate >16 Resistant >32 Resistant  
## 9 4 Susceptible 16 Intermediate >32 Resistant  
## 10 4 Susceptible 16 Intermediate >32 Resistant  
## 11 8 Intermediate 16 Intermediate >32 Resistant  
## 12 2 Susceptible 8 Susceptible >32 Resistant  
## 13 4 Susceptible >16 Resistant >32 Resistant  
## 14 4 Susceptible 16 Intermediate >32 Resistant  
## 15 4 Susceptible 16 Intermediate >32 Resistant  
## 16 2 Susceptible 16 Intermediate >32 Resistant  
## 17 8 Intermediate >16 Resistant >32 Resistant  
## 18 16 Resistant >16 Resistant >32 Resistant  
## 19 8 Intermediate 16 Intermediate >32 Resistant  
## 20 8 Intermediate 16 Intermediate >32 Resistant  
## 21 2 Susceptible 16 Intermediate >32 Resistant  
## 22 8 Intermediate >16 Resistant >32 Resistant  
## 23 2 Susceptible >16 Resistant >32 Resistant  
## 24 8 Intermediate 16 Intermediate >32 Resistant  
## 25 1 Susceptible 8 Susceptible >32 Resistant  
## 26 4 Susceptible >16 Resistant >32 Resistant  
## 27 4 Susceptible >16 Resistant >32 Resistant  
## 28 8 Intermediate >16 Resistant >32 Resistant  
## 29 >32 Resistant >16 Resistant >32 Resistant  
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## 720 Resistant   
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## 722 Resistant   
## 723 Resistant   
## 724 Resistant   
## 725 Resistant   
## 726 Intermediate   
## 727 Resistant   
## 728 Resistant   
## 729 Resistant   
## 730 Resistant   
## 731 Resistant   
## 732 Resistant   
## 733 Resistant   
## 734 Resistant   
## 735 Resistant   
## 736 Resistant   
## 737 Resistant   
## 738 Susceptible   
## 739 Susceptible   
## 740 Susceptible   
## Clindamycin\_I Erythromycin Erythromycin\_I Imipenem Imipenem\_I Levofloxacin Levofloxacin\_I  
## 1 0.25 Susceptible >4 Resistant  
## 2 0.25 Susceptible >4 Resistant  
## 3 0.25 Susceptible >4 Resistant  
## 4 0.12 Susceptible >4 Resistant  
## 5 0.25 Susceptible >4 Resistant  
## 6 0.25 Susceptible >4 Resistant  
## 7 0.25 Susceptible >4 Resistant  
## 8 1 Susceptible >4 Resistant  
## 9 0.12 Susceptible >4 Resistant  
## 10 0.25 Susceptible 0.5 Susceptible  
## 11 0.25 Susceptible >4 Resistant  
## 12 0.12 Susceptible >4 Resistant  
## 13 0.25 Susceptible 0.5 Susceptible  
## 14 0.25 Susceptible >4 Resistant  
## 15 0.25 Susceptible >4 Resistant  
## 16 0.25 Susceptible >4 Resistant  
## 17 0.25 Susceptible >4 Resistant  
## 18 0.25 Susceptible >4 Resistant  
## 19 0.25 Susceptible >4 Resistant  
## 20 0.5 Susceptible >4 Resistant  
## 21 0.25 Susceptible 0.12 Susceptible  
## 22 0.25 Susceptible >4 Resistant  
## 23 0.25 Susceptible >4 Resistant  
## 24 0.5 Susceptible 1 Intermediate  
## 25 0.25 Susceptible >4 Resistant  
## 26 1 Susceptible 0.5 Susceptible  
## 27 >8 Resistant 0.12 Susceptible  
## 28 >8 Resistant 0.12 Susceptible  
## 29 4 Resistant >4 Resistant  
## 30 4 Resistant >4 Resistant  
## 31 0.5 Susceptible >4 Resistant  
## 32 0.25 Susceptible >4 Resistant  
## 33 0.25 Susceptible >4 Resistant  
## 34 0.25 Susceptible >4 Resistant  
## 35 0.12 Susceptible >4 Resistant  
## 36 >8 Resistant >4 Resistant  
## 37 2 Intermediate >4 Resistant  
## 38 0.25 Susceptible 0.5 Susceptible  
## 39 0.25 Susceptible >4 Resistant  
## 40 0.25 Susceptible >4 Resistant  
## 41 0.25 Susceptible 0.5 Susceptible  
## 42 0.25 Susceptible >4 Resistant  
## 43 >8 Resistant 2 Resistant  
## 44 0.12 Susceptible >4 Resistant  
## 45 2 Intermediate >4 Resistant  
## 46 0.12 Susceptible >4 Resistant  
## 47 0.25 Susceptible >4 Resistant  
## 48 0.5 Susceptible >4 Resistant  
## 49 0.25 Susceptible 1 Intermediate  
## 50 0.25 Susceptible 0.5 Susceptible  
## 51 0.25 Susceptible >4 Resistant  
## 52 0.25 Susceptible 0.06 Susceptible  
## 53 >8 Resistant >4 Resistant  
## 54 0.5 Susceptible >4 Resistant  
## 55 0.06 Susceptible >4 Resistant  
## 56 0.06 Susceptible >4 Resistant  
## 57 0.06 Susceptible >4 Resistant  
## 58 0.06 Susceptible <=0.03 Susceptible  
## 59 0.06 Susceptible >4 Resistant  
## 60 0.06 Susceptible >4 Resistant  
## 61 0.5 Susceptible 1 Intermediate  
## 62 0.06 Susceptible >4 Resistant  
## 63 0.06 Susceptible >4 Resistant  
## 64 0.25 Susceptible >4 Resistant  
## 65 0.06 Susceptible >4 Resistant  
## 66 0.06 Susceptible >4 Resistant  
## 67 0.06 Susceptible >4 Resistant  
## 68 0.25 Susceptible >4 Resistant  
## 69 0.06 Susceptible >4 Resistant  
## 70 0.06 Susceptible >4 Resistant  
## 71 0.25 Susceptible >4 Resistant  
## 72 0.06 Susceptible >4 Resistant  
## 73 0.06 Susceptible >4 Resistant  
## 74 0.06 Susceptible >4 Resistant  
## 75 0.06 Susceptible >4 Resistant  
## 76 0.06 Susceptible >4 Resistant  
## 77 0.25 Susceptible 0.06 Susceptible  
## 78 8 Resistant >4 Resistant  
## 79 >8 Resistant >4 Resistant  
## 80 0.06 Susceptible 4 Resistant  
## 81 >8 Resistant >4 Resistant  
## 82 0.5 Susceptible 1 Intermediate  
## 83 0.5 Susceptible 1 Intermediate  
## 84 0.25 Susceptible >4 Resistant  
## 85 0.25 Susceptible 0.06 Susceptible  
## 86 0.25 Susceptible 0.06 Susceptible  
## 87 0.5 Susceptible 0.06 Susceptible  
## 88 0.25 Susceptible 4 Resistant  
## 89 0.06 Susceptible 0.06 Susceptible  
## 90 0.06 Susceptible >4 Resistant  
## 91 0.06 Susceptible 0.25 Susceptible  
## 92 0.06 Susceptible >4 Resistant  
## 93 0.06 Susceptible >4 Resistant  
## 94 0.06 Susceptible >4 Resistant  
## 95 0.25 Susceptible >4 Resistant  
## 96 0.12 Susceptible >4 Resistant  
## 97 0.25 Susceptible 0.06 Susceptible  
## 98 1 Susceptible 1 Intermediate  
## 99 0.25 Susceptible >4 Resistant  
## 100 0.25 Susceptible >4 Resistant  
## 101 0.25 Susceptible >4 Resistant  
## 102 0.25 Susceptible 1 Intermediate  
## 103 0.12 Susceptible >4 Resistant  
## 104 0.06 Susceptible >4 Resistant  
## 105 0.25 Susceptible >4 Resistant  
## 106 0.12 Susceptible 1 Intermediate  
## 107 0.25 Susceptible 1 Intermediate  
## 108 0.25 Susceptible >4 Resistant  
## 109 0.25 Susceptible 1 Intermediate  
## 110 0.25 Susceptible 1 Intermediate  
## 111 0.25 Susceptible <=0.03 Susceptible  
## 112 0.12 Susceptible >4 Resistant  
## 113 0.25 Susceptible >4 Resistant  
## 114 0.25 Susceptible <=0.03 Susceptible  
## 115 0.25 Susceptible 1 Intermediate  
## 116 0.12 Susceptible 0.06 Susceptible  
## 117 1 Susceptible 1 Intermediate  
## 118 0.5 Susceptible 1 Intermediate  
## 119 0.25 Susceptible >4 Resistant  
## 120 0.25 Susceptible >4 Resistant  
## 121 0.25 Susceptible 4 Resistant  
## 122 0.12 Susceptible >4 Resistant  
## 123 0.5 Susceptible 1 Intermediate  
## 124 4 Resistant 0.5 Susceptible  
## 125 0.5 Susceptible >4 Resistant  
## 126 0.25 Susceptible 0.5 Susceptible  
## 127 4 Resistant 0.12 Susceptible  
## 128 >8 Resistant 1 Intermediate  
## 129 4 Resistant 0.5 Susceptible  
## 130 0.12 Susceptible >4 Resistant  
## 131 0.25 Susceptible 1 Intermediate  
## 132 0.25 Susceptible 1 Intermediate  
## 133 0.12 Susceptible >4 Resistant  
## 134 0.25 Susceptible 2 Resistant  
## 135 0.25 Susceptible >4 Resistant  
## 136 0.5 Susceptible 1 Intermediate  
## 137 0.25 Susceptible <=0.03 Susceptible  
## 138 0.25 Susceptible >4 Resistant  
## 139 1 Susceptible >4 Resistant  
## 140 0.25 Susceptible >4 Resistant  
## 141 2 Intermediate 0.25 Susceptible  
## 142 0.5 Susceptible 1 Intermediate  
## 143 0.25 Susceptible 0.5 Susceptible  
## 144 0.25 Susceptible 0.5 Susceptible  
## 145 0.5 Susceptible 1 Intermediate  
## 146 0.25 Susceptible >4 Resistant  
## 147 0.5 Susceptible >4 Resistant  
## 148 0.25 Susceptible 1 Intermediate  
## 149 0.12 Susceptible 1 Intermediate  
## 150 0.25 Susceptible 2 Resistant  
## 151 0.25 Susceptible 1 Intermediate  
## 152 0.5 Susceptible >4 Resistant  
## 153 0.25 Susceptible 0.5 Susceptible  
## 154 0.12 Susceptible 0.06 Susceptible  
## 155 0.25 Susceptible >4 Resistant  
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## 157 0.5 Susceptible >4 Resistant  
## 158 0.25 Susceptible 0.5 Susceptible  
## 159 0.12 Susceptible >4 Resistant  
## 160 0.25 Susceptible >4 Resistant  
## 161 0.12 Susceptible >4 Resistant  
## 162 1 Susceptible >4 Resistant  
## 163 0.25 Susceptible 0.06 Susceptible  
## 164 0.12 Susceptible >4 Resistant  
## 165 2 Intermediate 1 Intermediate  
## 166 0.25 Susceptible >4 Resistant  
## 167 >8 Resistant >4 Resistant  
## 168 0.12 Susceptible >4 Resistant  
## 169 0.12 Susceptible 1 Intermediate  
## 170 0.25 Susceptible 0.06 Susceptible  
## 171 8 Resistant >4 Resistant  
## 172 >8 Resistant >4 Resistant  
## 173 0.12 Susceptible >4 Resistant  
## 174 >8 Resistant >4 Resistant  
## 175 0.5 Susceptible 0.5 Susceptible  
## 176 0.25 Susceptible 0.06 Susceptible  
## 177 0.12 Susceptible >4 Resistant  
## 178 0.25 Susceptible >4 Resistant  
## 179 0.25 Susceptible 1 Intermediate  
## 180 0.25 Susceptible 0.12 Susceptible  
## 181 0.12 Susceptible 0.06 Susceptible  
## 182 0.25 Susceptible 0.06 Susceptible  
## 183 0.25 Susceptible 0.5 Susceptible  
## 184 >8 Resistant >4 Resistant  
## 185 >8 Resistant >4 Resistant  
## 186 >8 Resistant >4 Resistant  
## 187 >8 Resistant >4 Resistant  
## 188 0.5 Susceptible 0.06 Susceptible  
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## 198 0.25 Susceptible >4 Resistant  
## 199 0.5 Susceptible >4 Resistant  
## 200 0.25 Susceptible 1 Intermediate  
## 201 0.25 Susceptible 0.06 Susceptible  
## 202 0.12 Susceptible >4 Resistant  
## 203 0.5 Susceptible 1 Intermediate  
## 204 >8 Resistant >4 Resistant  
## 205 2 Intermediate >4 Resistant  
## 206 0.25 Susceptible <=0.03 Susceptible  
## 207 0.25 Susceptible 0.5 Susceptible  
## 208 0.12 Susceptible >4 Resistant  
## 209 0.25 Susceptible >4 Resistant  
## 210 0.12 Susceptible >4 Resistant  
## 211 0.25 Susceptible 1 Intermediate  
## 212 0.12 Susceptible >4 Resistant  
## 213 0.25 Susceptible >4 Resistant  
## 214 0.12 Susceptible >4 Resistant  
## 215 4 Resistant >4 Resistant  
## 216 0.25 Susceptible >4 Resistant  
## 217 4 Resistant >4 Resistant  
## 218 1 Susceptible >4 Resistant  
## 219 0.25 Susceptible >4 Resistant  
## 220 0.25 Susceptible 0.06 Susceptible  
## 221 0.25 Susceptible 0.5 Susceptible  
## 222 0.25 Susceptible 4 Resistant  
## 223 0.25 Susceptible 0.06 Susceptible  
## 224 0.25 Susceptible >4 Resistant  
## 225 0.25 Susceptible 1 Intermediate  
## 226 0.25 Susceptible 0.5 Susceptible  
## 227 0.12 Susceptible >4 Resistant  
## 228 0.12 Susceptible >4 Resistant  
## 229 >8 Resistant >4 Resistant  
## 230 0.12 Susceptible >4 Resistant  
## 231 >8 Resistant >4 Resistant  
## 232 0.12 Susceptible >4 Resistant  
## 233 0.12 Susceptible 0.5 Susceptible  
## 234 0.25 Susceptible 1 Intermediate  
## 235 0.12 Susceptible >4 Resistant  
## 236 0.25 Susceptible >4 Resistant  
## 237 0.12 Susceptible >4 Resistant  
## 238 0.12 Susceptible >4 Resistant  
## 239 0.5 Susceptible 4 Resistant  
## 240 0.25 Susceptible >4 Resistant  
## 241 0.25 Susceptible 4 Resistant  
## 242 0.12 Susceptible 1 Intermediate  
## 243 0.25 Susceptible >4 Resistant  
## 244 0.25 Susceptible >4 Resistant  
## 245 0.25 Susceptible >4 Resistant  
## 246 0.25 Susceptible >4 Resistant  
## 247 >8 Resistant 2 Resistant  
## 248 0.12 Susceptible >4 Resistant  
## 249 2 Intermediate >4 Resistant  
## 250 2 Intermediate >4 Resistant  
## 251 0.25 Susceptible >4 Resistant  
## 252 0.12 Susceptible >4 Resistant  
## 253 0.25 Susceptible 1 Intermediate  
## 254 0.25 Susceptible 0.5 Susceptible  
## 255 0.25 Susceptible 0.5 Susceptible  
## 256 0.25 Susceptible >4 Resistant  
## 257 >8 Resistant 2 Resistant  
## 258 0.25 Susceptible >4 Resistant  
## 259 0.25 Susceptible >4 Resistant  
## 260 2 Intermediate >4 Resistant  
## 261 8 Resistant 0.5 Susceptible  
## 262 0.25 Susceptible >4 Resistant  
## 263 2 Intermediate >4 Resistant  
## 264 0.25 Susceptible >4 Resistant  
## 265 0.25 Susceptible >4 Resistant  
## 266 0.25 Susceptible >4 Resistant  
## 267 0.5 Susceptible 0.5 Susceptible  
## 268 0.25 Susceptible >4 Resistant  
## 269 8 Resistant >4 Resistant  
## 270 0.25 Susceptible >4 Resistant  
## 271 0.12 Susceptible >4 Resistant  
## 272 >8 Resistant >4 Resistant  
## 273 0.5 Susceptible >4 Resistant  
## 274 0.25 Susceptible >4 Resistant  
## 275 8 Resistant 1 Intermediate  
## 276 0.25 Susceptible >4 Resistant  
## 277 0.25 Susceptible >4 Resistant  
## 278 0.25 Susceptible >4 Resistant  
## 279 0.5 Susceptible 1 Intermediate  
## 280 0.25 Susceptible >4 Resistant  
## 281 0.25 Susceptible >4 Resistant  
## 282 0.25 Susceptible 0.06 Susceptible  
## 283 0.25 Susceptible 0.06 Susceptible  
## 284 0.25 Susceptible 0.06 Susceptible  
## 285 0.25 Susceptible 0.06 Susceptible  
## 286 0.25 Susceptible 0.5 Susceptible  
## 287 0.25 Susceptible >4 Resistant  
## 288 1 Susceptible >4 Resistant  
## 289 0.12 Susceptible 0.5 Susceptible  
## 290 0.5 Susceptible >4 Resistant  
## 291 0.5 Susceptible 0.5 Susceptible  
## 292 0.12 Susceptible 0.5 Susceptible  
## 293 0.12 Susceptible >4 Resistant  
## 294 0.25 Susceptible >4 Resistant  
## 295 0.25 Susceptible >4 Resistant  
## 296 0.25 Susceptible 0.12 Susceptible  
## 297 0.25 Susceptible >4 Resistant  
## 298 0.25 Susceptible >4 Resistant  
## 299 0.25 Susceptible >4 Resistant  
## 300 0.25 Susceptible >4 Resistant  
## 301 0.12 Susceptible >4 Resistant  
## 302 0.25 Susceptible 1 Intermediate  
## 303 1 Susceptible 2 Resistant  
## 304 >8 Resistant >4 Resistant  
## 305 2 Resistant  
## 306 0.25 Susceptible >8 Resistant  
## 307 0.25 Susceptible >8 Resistant  
## 308 0.5 Susceptible 1 Intermediate  
## 309 0.25 Susceptible >8 Resistant  
## 310 0.25 Susceptible >8 Resistant  
## 311 0.25 Susceptible 8 Resistant  
## 312 0.25 Susceptible 1 Intermediate  
## 313 0.12 Susceptible 0.5 Susceptible  
## 314 0.25 Susceptible 0.06 Susceptible  
## 315 0.25 Susceptible 1 Intermediate  
## 316 2 Intermediate 0.12 Susceptible  
## 317 0.5 Susceptible 1 Intermediate  
## 318 0.25 Susceptible 0.06 Susceptible  
## 319 >8 Resistant >8 Resistant  
## 320 8 Resistant 2 Resistant  
## 321 8 Resistant 2 Resistant  
## 322 0.5 Susceptible 0.12 Susceptible  
## 323 0.25 Susceptible 1 Intermediate  
## 324 0.25 Susceptible 0.12 Susceptible  
## 325 0.25 Susceptible >8 Resistant  
## 326 0.25 Susceptible 0.12 Susceptible  
## 327 0.25 Susceptible >8 Resistant  
## 328 0.25 Susceptible >8 Resistant  
## 329 0.25 Susceptible 0.06 Susceptible  
## 330 0.25 Susceptible >8 Resistant  
## 331 0.25 Susceptible >8 Resistant  
## 332 0.12 Susceptible >8 Resistant  
## 333 0.5 Susceptible 4 Resistant  
## 334 0.25 Susceptible 1 Intermediate  
## 335 1 Susceptible >8 Resistant  
## 336 0.25 Susceptible 0.06 Susceptible  
## 337 1 Susceptible 1 Intermediate  
## 338 0.5 Susceptible 2 Resistant  
## 339 0.25 Susceptible 1 Intermediate  
## 340 0.25 Susceptible >8 Resistant  
## 341 0.25 Susceptible 1 Intermediate  
## 342 0.5 Susceptible 8 Resistant  
## 343 0.25 Susceptible >8 Resistant  
## 344 >8 Resistant >8 Resistant  
## 345 0.12 Susceptible >8 Resistant  
## 346 0.25 Susceptible 1 Intermediate  
## 347 0.12 Susceptible 4 Resistant  
## 348 0.12 Susceptible 8 Resistant  
## 349 0.25 Susceptible 2 Resistant  
## 350 0.25 Susceptible 0.12 Susceptible  
## 351 0.25 Susceptible 0.12 Susceptible  
## 352 0.25 Susceptible 0.12 Susceptible  
## 353 1 Susceptible 4 Resistant  
## 354 0.25 Susceptible >8 Resistant  
## 355 0.25 Susceptible 1 Intermediate  
## 356 0.25 Susceptible 1 Intermediate  
## 357 0.5 Susceptible 1 Intermediate  
## 358 0.25 Susceptible 1 Intermediate  
## 359 0.25 Susceptible >8 Resistant  
## 360 0.25 Susceptible 1 Intermediate  
## 361 0.25 Susceptible 0.06 Susceptible  
## 362 0.12 Susceptible >8 Resistant  
## 363 0.25 Susceptible >8 Resistant  
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## 366 0.5 Susceptible >8 Resistant  
## 367 0.25 Susceptible 1 Intermediate  
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## 369 0.25 Susceptible 1 Intermediate  
## 370 0.25 Susceptible 4 Resistant  
## 371 0.25 Susceptible 1 Intermediate  
## 372 0.25 Susceptible 0.12 Susceptible  
## 373 0.12 Susceptible 1 Intermediate  
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## 375 0.25 Susceptible 0.5 Susceptible  
## 376 0.25 Susceptible 1 Intermediate  
## 377 0.25 Susceptible >8 Resistant  
## 378 0.25 Susceptible 1 Intermediate  
## 379 0.25 Susceptible >8 Resistant  
## 380 0.25 Susceptible 0.5 Susceptible  
## 381 0.5 Susceptible >8 Resistant  
## 382 0.25 Susceptible >8 Resistant  
## 383 0.25 Susceptible 0.06 Susceptible  
## 384 0.12 Susceptible >8 Resistant  
## 385 0.25 Susceptible >8 Resistant  
## 386 0.12 Susceptible >8 Resistant  
## 387 0.12 Susceptible 0.25 Susceptible  
## 388 0.25 Susceptible 0.06 Susceptible  
## 389 4 Resistant 0.5 Susceptible  
## 390 0.25 Susceptible >8 Resistant  
## 391 0.25 Susceptible 0.5 Susceptible  
## 392 2 Intermediate 1 Intermediate  
## 393 2 Intermediate 8 Resistant  
## 394 0.5 Susceptible 1 Intermediate  
## 395 1 Susceptible 1 Intermediate  
## 396 4 Resistant 1 Intermediate  
## 397 2 Intermediate 1 Intermediate  
## 398 1 Susceptible 1 Intermediate  
## 399 0.25 Susceptible 0.5 Susceptible  
## 400 1 Susceptible 0.12 Susceptible  
## 401 0.5 Susceptible 2 Resistant  
## 402 0.5 Susceptible 1 Intermediate  
## 403 0.25 Susceptible 0.5 Susceptible  
## 404 0.5 Susceptible 0.12 Susceptible  
## 405 4 Resistant 0.5 Susceptible  
## 406 2 Intermediate 0.5 Susceptible  
## 407 1 Susceptible 1 Intermediate  
## 408 0.25 Susceptible 0.12 Susceptible  
## 409 0.5 Susceptible 2 Resistant  
## 410 0.5 Susceptible 0.03 Susceptible  
## 411 0.5 Susceptible 0.5 Susceptible  
## 412 4 Resistant >8 Resistant  
## 413 2 Intermediate >8 Resistant  
## 414 1 Susceptible >8 Resistant  
## 415 0.12 Susceptible >8 Resistant  
## 416 1 Susceptible 2 Resistant  
## 417 0.25 Susceptible >8 Resistant  
## 418 0.12 Susceptible 8 Resistant  
## 419 0.25 Susceptible 0.5 Susceptible  
## 420 0.12 Susceptible 1 Intermediate  
## 421 1 Susceptible >8 Resistant  
## 422 0.25 Susceptible 0.25 Susceptible  
## 423 0.12 Susceptible >8 Resistant  
## 424 0.25 Susceptible 1 Intermediate  
## 425 0.25 Susceptible 8 Resistant  
## 426 0.12 Susceptible >8 Resistant  
## 427 0.12 Susceptible 0.12 Susceptible  
## 428 1 Susceptible >8 Resistant  
## 429 0.12 Susceptible 1 Intermediate  
## 430 0.5 Susceptible 0.06 Susceptible  
## 431 0.12 Susceptible 1 Intermediate  
## 432 0.5 Susceptible >8 Resistant  
## 433 1 Susceptible >8 Resistant  
## 434 2 Intermediate >8 Resistant  
## 435 >8 Resistant >8 Resistant  
## 436 0.12 Susceptible >8 Resistant  
## 437 0.12 Susceptible 1 Intermediate  
## 438 0.12 Susceptible 0.5 Susceptible  
## 439 0.25 Susceptible 0.25 Susceptible  
## 440 0.12 Susceptible >8 Resistant  
## 441 0.12 Susceptible >8 Resistant  
## 442 0.12 Susceptible 8 Resistant  
## 443 0.25 Susceptible >8 Resistant  
## 444 1 Susceptible >8 Resistant  
## 445 0.25 Susceptible >8 Resistant  
## 446 0.25 Susceptible >8 Resistant  
## 447 0.12 Susceptible >8 Resistant  
## 448 0.12 Susceptible 8 Resistant  
## 449 0.12 Susceptible >8 Resistant  
## 450 0.06 Susceptible 4 Resistant  
## 451 0.12 Susceptible 0.5 Susceptible  
## 452 0.12 Susceptible 0.06 Susceptible  
## 453 0.5 Susceptible >8 Resistant  
## 454 0.12 Susceptible >8 Resistant  
## 455 0.12 Susceptible >8 Resistant  
## 456 8 Resistant >8 Resistant  
## 457 0.12 Susceptible >8 Resistant  
## 458 0.12 Susceptible 4 Resistant  
## 459 0.25 Susceptible 1 Intermediate  
## 460 0.12 Susceptible >8 Resistant  
## 461 0.25 Susceptible >8 Resistant  
## 462 0.25 Susceptible 1 Intermediate  
## 463 0.25 Susceptible 0.5 Susceptible  
## 464 0.12 Susceptible >8 Resistant  
## 465 0.25 Susceptible >8 Resistant  
## 466 0.25 Susceptible >8 Resistant  
## 467 0.25 Susceptible <=0.03 Susceptible  
## 468 8 Resistant >8 Resistant  
## 469 0.25 Susceptible >8 Resistant  
## 470 0.12 Susceptible >8 Resistant  
## 471 0.12 Susceptible >8 Resistant  
## 472 0.25 Susceptible 8 Resistant  
## 473 0.25 Susceptible 1 Intermediate  
## 474 0.12 Susceptible >8 Resistant  
## 475 0.12 Susceptible >8 Resistant  
## 476 0.12 Susceptible 0.5 Susceptible  
## 477 0.12 Susceptible 0.5 Susceptible  
## 478 0.12 Susceptible >8 Resistant  
## 479 0.25 Susceptible 0.5 Susceptible  
## 480 0.25 Susceptible 0.5 Susceptible  
## 481 0.12 Susceptible 8 Resistant  
## 482 0.12 Susceptible 8 Resistant  
## 483 0.12 Susceptible 8 Resistant  
## 484 0.12 Susceptible 0.5 Susceptible  
## 485 0.12 Susceptible 8 Resistant  
## 486 0.12 Susceptible >8 Resistant  
## 487 0.12 Susceptible >8 Resistant  
## 488 0.25 Susceptible >8 Resistant  
## 489 0.25 Susceptible 0.5 Susceptible  
## 490 0.12 Susceptible 1 Intermediate  
## 491 0.12 Susceptible 0.5 Susceptible  
## 492 0.12 Susceptible 0.5 Susceptible  
## 493 2 Intermediate >8 Resistant  
## 494 4 Resistant >8 Resistant  
## 495 >8 Resistant >8 Resistant  
## 496 1 Susceptible 2 Resistant  
## 497 >8 Resistant >8 Resistant  
## 498 2 Intermediate 1 Intermediate  
## 499 0.12 Susceptible 0.25 Susceptible  
## 500 0.12 Susceptible 0.5 Susceptible  
## 501 >8 Resistant >8 Resistant  
## 502 0.12 Susceptible 0.5 Susceptible  
## 503 1 Susceptible 1 Intermediate  
## 504 1 Susceptible >8 Resistant  
## 505 0.12 Susceptible >8 Resistant  
## 506 2 Intermediate >8 Resistant  
## 507 4 Resistant >8 Resistant  
## 508 0.12 Susceptible >8 Resistant  
## 509 0.12 Susceptible 0.5 Susceptible  
## 510 0.25 Susceptible 1 Intermediate  
## 511 0.12 Susceptible >8 Resistant  
## 512 0.25 Susceptible 1 Intermediate  
## 513 0.12 Susceptible 8 Resistant  
## 514 0.12 Susceptible >8 Resistant  
## 515 4 Resistant >8 Resistant  
## 516 0.12 Susceptible >8 Resistant  
## 517 >8 Resistant >8 Resistant  
## 518 0.12 Susceptible 4 Resistant  
## 519 0.25 Susceptible 1 Intermediate  
## 520 0.25 Susceptible >8 Resistant  
## 521 1 Susceptible >8 Resistant  
## 522 >8 Resistant >8 Resistant  
## 523 >8 Resistant 0.12 Susceptible  
## 524 1 Susceptible 0.5 Susceptible  
## 525 0.25 Susceptible 0.03 Susceptible  
## 526 0.5 Susceptible 0.25 Susceptible  
## 527 8 Resistant  
## 528 2 Intermediate 1 Intermediate  
## 529 2 Intermediate 2 Resistant  
## 530 0.25 Susceptible 1 Intermediate  
## 531 0.25 Susceptible 0.06 Susceptible  
## 532 0.25 Susceptible 1 Intermediate  
## 533 0.25 Susceptible 1 Intermediate  
## 534 0.25 Susceptible 8 Resistant  
## 535 1 Susceptible 1 Intermediate  
## 536 0.25 Susceptible 0.5 Susceptible  
## 537 >8 Resistant 0.5 Susceptible  
## 538 0.25 Susceptible 0.5 Susceptible  
## 539 0.25 Susceptible 0.5 Susceptible  
## 540 2 Intermediate 8 Resistant  
## 541 0.12 Susceptible 0.06 Susceptible  
## 542 0.25 Susceptible 0.5 Susceptible  
## 543 0.12 Susceptible 0.5 Susceptible  
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## 545 0.12 Susceptible 1 Intermediate  
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## 549 0.25 Susceptible 0.5 Susceptible  
## 550 0.5 Susceptible 0.5 Susceptible  
## 551 0.25 Susceptible 1 Intermediate  
## 552 0.12 Susceptible 0.06 Susceptible  
## 553 2 Intermediate 2 Resistant  
## 554 0.25 Susceptible 0.06 Susceptible  
## 555 0.25 Susceptible 0.5 Susceptible  
## 556 1 Susceptible 1 Intermediate  
## 557 0.12 Susceptible >8 Resistant  
## 558 2 Intermediate >8 Resistant  
## 559 0.12 Susceptible 0.25 Susceptible  
## 560 4 Resistant >8 Resistant  
## 561 >8 Resistant 0.12 Susceptible  
## 562 0.5 Susceptible 8 Resistant  
## 563 0.25 Susceptible >8 Resistant  
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## 567 0.25 Susceptible >8 Resistant  
## 568 0.25 Susceptible >8 Resistant  
## 569 0.12 Susceptible 1 Intermediate  
## 570 0.25 Susceptible 1 Intermediate  
## 571 0.25 Susceptible >8 Resistant  
## 572 0.5 Susceptible >8 Resistant  
## 573 1 Susceptible 1 Intermediate  
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## 575 0.5 Susceptible 1 Intermediate  
## 576 0.25 Susceptible 1 Intermediate  
## 577 0.25 Susceptible <=0.25 Susceptible  
## 578 0.25 Susceptible 1 Intermediate  
## 579 0.25 Susceptible <=0.25 Susceptible  
## 580 0.25 Susceptible >8 Resistant  
## 581 0.25 Susceptible >8 Resistant  
## 582 0.25 Susceptible 8 Resistant  
## 583 0.25 Susceptible 8 Resistant  
## 584 0.25 Susceptible >8 Resistant  
## 585 0.25 Susceptible 1 Intermediate  
## 586 0.25 Susceptible >8 Resistant  
## 587 0.12 Susceptible <=0.25 Susceptible  
## 588 0.25 Susceptible 0.5 Susceptible  
## 589 1 Susceptible >8 Resistant  
## 590 0.25 Susceptible <=0.25 Susceptible  
## 591 0.25 Susceptible >8 Resistant  
## 592 0.12 Susceptible 1 Intermediate  
## 593 0.12 Susceptible 1 Intermediate  
## 594 0.5 Susceptible 8 Resistant  
## 595 0.25 Susceptible 2 Resistant  
## 596 >8 Resistant >8 Resistant  
## 597 0.25 Susceptible 8 Resistant  
## 598 >8 Resistant >8 Resistant  
## 599 0.5 Susceptible <=0.25 Susceptible  
## 600 0.25 Susceptible >8 Resistant  
## 601 1 Susceptible 1 Intermediate  
## 602 >8 Resistant >8 Resistant  
## 603 0.12 Susceptible >8 Resistant  
## 604 0.25 Susceptible >8 Resistant  
## 605 0.25 Susceptible 2 Resistant  
## 606 0.25 Susceptible 8 Resistant  
## 607 0.12 Susceptible 8 Resistant  
## 608 0.5 Susceptible <=0.25 Susceptible  
## 609 >8 Resistant >8 Resistant  
## 610 0.12 Susceptible >8 Resistant  
## 611 0.25 Susceptible >8 Resistant  
## 612 0.12 Susceptible >8 Resistant  
## 613 0.12 Susceptible >8 Resistant  
## 614 0.12 Susceptible >8 Resistant  
## 615 0.5 Susceptible >8 Resistant  
## 616 0.12 Susceptible >8 Resistant  
## 617 >8 Resistant >8 Resistant  
## 618 0.5 Susceptible >8 Resistant  
## 619 >8 Resistant >8 Resistant  
## 620 0.25 Susceptible >8 Resistant  
## 621 0.25 Susceptible >8 Resistant  
## 622 0.25 Susceptible 8 Resistant  
## 623 0.12 Susceptible >8 Resistant  
## 624 0.25 Susceptible 0.5 Susceptible  
## 625 0.25 Susceptible >8 Resistant  
## 626 0.12 Susceptible >8 Resistant  
## 627 0.25 Susceptible 0.5 Susceptible  
## 628 0.12 Susceptible >8 Resistant  
## 629 2 Intermediate 0.5 Susceptible  
## 630 0.5 Susceptible >8 Resistant  
## 631 >8 Resistant 1 Intermediate  
## 632 0.25 Susceptible >8 Resistant  
## 633 >8 Resistant 1 Intermediate  
## 634 >8 Resistant 1 Intermediate  
## 635 0.25 Susceptible 1 Intermediate  
## 636 0.25 Susceptible >8 Resistant  
## 637 0.25 Susceptible >8 Resistant  
## 638 >8 Resistant >8 Resistant  
## 639 0.5 Susceptible 0.5 Susceptible  
## 640 0.25 Susceptible 2 Resistant  
## 641 0.12 Susceptible 1 Intermediate  
## 642 0.25 Susceptible >8 Resistant  
## 643 >8 Resistant >8 Resistant  
## 644 0.25 Susceptible 0.5 Susceptible  
## 645 0.5 Susceptible 1 Intermediate  
## 646 0.25 Susceptible >8 Resistant  
## 647 0.25 Susceptible 0.5 Susceptible  
## 648 0.5 Susceptible 1 Intermediate  
## 649 1 Susceptible >8 Resistant  
## 650 1 Susceptible >8 Resistant  
## 651 0.25 Susceptible >8 Resistant  
## 652 0.25 Susceptible 1 Intermediate  
## 653 0.25 Susceptible 0.5 Susceptible  
## 654 0.12 Susceptible >8 Resistant  
## 655 0.25 Susceptible >8 Resistant  
## 656 0.25 Susceptible 0.5 Susceptible  
## 657 0.25 Susceptible >8 Resistant  
## 658 1 Susceptible >8 Resistant  
## 659 0.5 Susceptible 0.5 Susceptible  
## 660 0.25 Susceptible 0.5 Susceptible  
## 661 0.5 Susceptible 0.5 Susceptible  
## 662 0.25 Susceptible 8 Resistant  
## 663 0.12 Susceptible >8 Resistant  
## 664 0.25 Susceptible 0.5 Susceptible  
## 665 0.25 Susceptible >8 Resistant  
## 666 0.12 Susceptible >8 Resistant  
## 667 0.25 Susceptible >8 Resistant  
## 668 0.25 Susceptible 0.5 Susceptible  
## 669 0.25 Susceptible >8 Resistant  
## 670 0.12 Susceptible >8 Resistant  
## 671 0.12 Susceptible >8 Resistant  
## 672 0.25 Susceptible <=0.25 Susceptible  
## 673 >8 Resistant <=0.25 Susceptible  
## 674 0.25 Susceptible 4 Resistant  
## 675 0.12 Susceptible 8 Resistant  
## 676 0.25 Susceptible >8 Resistant  
## 677 0.25 Susceptible >8 Resistant  
## 678 0.12 Susceptible 8 Resistant  
## 679 0.25 Susceptible >8 Resistant  
## 680 0.12 Susceptible >8 Resistant  
## 681 >8 Resistant 2 Resistant  
## 682 0.25 Susceptible 8 Resistant  
## 683 1 Susceptible >8 Resistant  
## 684 0.12 Susceptible 0.5 Susceptible  
## 685 0.25 Susceptible 8 Resistant  
## 686 2 Intermediate >8 Resistant  
## 687 0.25 Susceptible >8 Resistant  
## 688 2 Intermediate >8 Resistant  
## 689 0.12 Susceptible >8 Resistant  
## 690 0.5 Susceptible 1 Intermediate  
## 691 0.25 Susceptible >8 Resistant  
## 692 0.12 Susceptible >8 Resistant  
## 693 0.12 Susceptible 4 Resistant  
## 694 >8 Resistant >8 Resistant  
## 695 0.25 Susceptible >8 Resistant  
## 696 0.25 Susceptible >8 Resistant  
## 697 0.25 Susceptible 0.5 Susceptible  
## 698 4 Resistant >8 Resistant  
## 699 0.25 Susceptible >8 Resistant  
## 700 0.25 Susceptible >8 Resistant  
## 701 0.5 Susceptible >8 Resistant  
## 702 1 Susceptible >8 Resistant  
## 703 0.5 Susceptible 0.5 Susceptible  
## 704 0.12 Susceptible >8 Resistant  
## 705 2 Intermediate >8 Resistant  
## 706 0.25 Susceptible >8 Resistant  
## 707 4 Resistant >8 Resistant  
## 708 0.25 Susceptible 1 Intermediate  
## 709 0.25 Susceptible <=0.25 Susceptible  
## 710 8 Resistant >8 Resistant  
## 711 0.12 Susceptible >8 Resistant  
## 712 0.12 Susceptible 0.5 Susceptible  
## 713 4 Resistant 1 Intermediate  
## 714 >8 Resistant 1 Intermediate  
## 715 0.12 Susceptible >8 Resistant  
## 716 0.25 Susceptible 4 Resistant  
## 717 8 Resistant 1 Intermediate  
## 718 0.25 Susceptible 1 Intermediate  
## 719 0.25 Susceptible 1 Intermediate  
## 720 0.12 Susceptible >8 Resistant  
## 721 0.25 Susceptible >8 Resistant  
## 722 0.25 Susceptible <=0.25 Susceptible  
## 723 0.25 Susceptible 0.5 Susceptible  
## 724 0.25 Susceptible 0.5 Susceptible  
## 725 0.25 Susceptible <=0.25 Susceptible  
## 726 0.25 Susceptible 1 Intermediate  
## 727 1 Susceptible 4 Resistant  
## 728 >8 Resistant >8 Resistant  
## 729 8 Resistant 2 Resistant  
## 730 1 Susceptible >8 Resistant  
## 731 1 Susceptible 4 Resistant  
## 732 2 Intermediate >8 Resistant  
## 733 1 Susceptible 1 Intermediate  
## 734 2 Intermediate >8 Resistant  
## 735 2 Intermediate 8 Resistant  
## 736 2 Intermediate 1 Intermediate  
## 737 2 Intermediate <=0.25 Susceptible  
## 738 0.25 Susceptible >8 Resistant  
## 739 0.25 Susceptible >8 Resistant  
## 740 0.12 Susceptible 0.5 Susceptible  
## Linezolid Linezolid\_I Meropenem Meropenem\_I Metronidazole Metronidazole\_I Minocycline  
## 1 0.03 Susceptible   
## 2 0.03 Susceptible   
## 3 0.03 Susceptible   
## 4 0.03 Susceptible   
## 5 0.03 Susceptible   
## 6 0.03 Susceptible   
## 7 0.03 Susceptible   
## 8 1 Susceptible   
## 9 0.06 Susceptible   
## 10 0.03 Susceptible   
## 11 0.03 Susceptible   
## 12 0.03 Susceptible   
## 13 0.06 Susceptible   
## 14 0.03 Susceptible   
## 15 0.03 Susceptible   
## 16 0.06 Susceptible   
## 17 0.12 Susceptible   
## 18 0.06 Susceptible   
## 19 0.03 Susceptible   
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## 22 0.06 Susceptible   
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## 25 0.03 Susceptible   
## 26 0.06 Susceptible   
## 27 >8 Resistant   
## 28 >8 Resistant   
## 29 0.12 Susceptible   
## 30 0.06 Susceptible   
## 31 0.06 Susceptible   
## 32 0.06 Susceptible   
## 33 0.12 Susceptible   
## 34 0.06 Susceptible   
## 35 0.03 Susceptible   
## 36 >8 Resistant   
## 37 0.06 Susceptible   
## 38 0.06 Susceptible   
## 39 0.03 Susceptible   
## 40 0.03 Susceptible   
## 41 0.06 Susceptible   
## 42 0.03 Susceptible   
## 43 >8 Resistant   
## 44 0.06 Susceptible   
## 45 4 Resistant   
## 46 0.03 Susceptible   
## 47 0.06 Susceptible   
## 48 0.06 Susceptible   
## 49 0.03 Susceptible   
## 50 0.03 Susceptible   
## 51 0.03 Susceptible   
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## 53 0.12 Susceptible   
## 54 0.06 Susceptible   
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## 59 0.06 Susceptible   
## 60 0.03 Susceptible   
## 61 0.12 Susceptible   
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## 73 0.03 Susceptible   
## 74 0.03 Susceptible   
## 75 0.12 Susceptible   
## 76 0.03 Susceptible   
## 77 0.06 Susceptible   
## 78 >8 Resistant   
## 79 >8 Resistant   
## 80 0.06 Susceptible   
## 81 >8 Resistant   
## 82 0.12 Susceptible   
## 83 0.12 Susceptible   
## 84 0.06 Susceptible   
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## 86 0.03 Susceptible   
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## 88 0.12 Susceptible   
## 89 0.06 Susceptible   
## 90 0.03 Susceptible   
## 91 0.03 Susceptible   
## 92 0.12 Susceptible   
## 93 0.03 Susceptible   
## 94 0.03 Susceptible   
## 95 0.03 Susceptible   
## 96 0.03 Susceptible   
## 97 0.03 Susceptible   
## 98 2 Intermediate   
## 99 0.25 Susceptible   
## 100 0.03 Susceptible   
## 101 0.03 Susceptible   
## 102 0.06 Susceptible   
## 103 0.03 Susceptible   
## 104 0.03 Susceptible   
## 105 0.03 Susceptible   
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## 111 0.03 Susceptible   
## 112 0.03 Susceptible   
## 113 0.06 Susceptible   
## 114 0.015 Susceptible   
## 115 0.03 Susceptible   
## 116 0.015 Susceptible   
## 117 0.06 Susceptible   
## 118 0.03 Susceptible   
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## 123 0.03 Susceptible   
## 124 0.12 Susceptible   
## 125 0.06 Susceptible   
## 126 0.06 Susceptible   
## 127 0.06 Susceptible   
## 128 >8 Resistant   
## 129 0.12 Susceptible   
## 130 0.12 Susceptible   
## 131 0.06 Susceptible   
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## 141 0.12 Susceptible   
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## 165 0.12 Susceptible   
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## 167 >8 Resistant   
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## 171 >8 Resistant   
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## 178 0.12 Susceptible   
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## 182 0.03 Susceptible   
## 183 0.06 Susceptible   
## 184 >8 Resistant   
## 185 8 Resistant   
## 186 >8 Resistant   
## 187 >8 Resistant   
## 188 0.06 Susceptible   
## 189 0.03 Susceptible   
## 190 0.12 Susceptible   
## 191 0.06 Susceptible   
## 192 0.03 Susceptible   
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## 196 0.03 Susceptible   
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## 198 0.12 Susceptible   
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## 204 >8 Resistant   
## 205 0.06 Susceptible   
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## 213 0.06 Susceptible   
## 214 0.03 Susceptible   
## 215 0.25 Susceptible   
## 216 0.06 Susceptible   
## 217 4 Resistant   
## 218 0.06 Susceptible   
## 219 0.06 Susceptible   
## 220 0.03 Susceptible   
## 221 0.06 Susceptible   
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## 223 0.03 Susceptible   
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## 229 >8 Resistant   
## 230 0.06 Susceptible   
## 231 >8 Resistant   
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## 239 0.12 Susceptible   
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## 242 0.03 Susceptible   
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## 244 0.03 Susceptible   
## 245 0.06 Susceptible   
## 246 0.25 Susceptible   
## 247 >8 Resistant   
## 248 0.015 Susceptible   
## 249 0.06 Susceptible   
## 250 0.06 Susceptible   
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## 252 0.03 Susceptible   
## 253 0.06 Susceptible   
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## 256 0.06 Susceptible   
## 257 >8 Resistant   
## 258 0.06 Susceptible   
## 259 0.03 Susceptible   
## 260 0.12 Susceptible   
## 261 2 Intermediate   
## 262 0.03 Susceptible   
## 263 0.06 Susceptible   
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## 266 0.03 Susceptible   
## 267 0.06 Susceptible   
## 268 0.06 Susceptible   
## 269 8 Resistant   
## 270 0.06 Susceptible   
## 271 0.015 Susceptible   
## 272 >8 Resistant   
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## 274 0.12 Susceptible   
## 275 >8 Resistant   
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## 287 0.06 Susceptible   
## 288 1 Susceptible   
## 289 0.015 Susceptible   
## 290 0.12 Susceptible   
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## 301 0.03 Susceptible   
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## 303 0.03 Susceptible   
## 304 >8 Resistant   
## 305 4 Resistant 1  
## 306 0.06 Susceptible   
## 307 0.03 Susceptible   
## 308 0.06 Susceptible   
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## 310 0.06 Susceptible   
## 311 0.06 Susceptible   
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## 313 0.03 Susceptible   
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## 316 2 Intermediate   
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## 319 >8 Resistant   
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## 321 8 Resistant   
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## 343 0.03 Susceptible   
## 344 >8 Resistant   
## 345 0.03 Susceptible   
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## 347 0.03 Susceptible   
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## 351 0.03 Susceptible   
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## 353 2 Intermediate   
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## 388 0.06 Susceptible   
## 389 1 Susceptible   
## 390 0.06 Susceptible   
## 391 0.12 Susceptible   
## 392 1 Susceptible   
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## 396 1 Susceptible   
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## 405 2 Intermediate   
## 406 0.25 Susceptible   
## 407 1 Susceptible   
## 408 0.06 Susceptible   
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## 410 0.06 Susceptible   
## 411 0.06 Susceptible   
## 412 8 Resistant   
## 413 0.06 Susceptible   
## 414 0.06 Susceptible   
## 415 0.03 Susceptible   
## 416 1 Susceptible   
## 417 0.06 Susceptible   
## 418 0.06 Susceptible   
## 419 0.03 Susceptible   
## 420 0.06 Susceptible   
## 421 0.25 Susceptible   
## 422 0.06 Susceptible   
## 423 0.03 Susceptible   
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## 426 0.06 Susceptible   
## 427 0.06 Susceptible   
## 428 1 Susceptible   
## 429 0.06 Susceptible   
## 430 0.06 Susceptible   
## 431 0.06 Susceptible   
## 432 0.12 Susceptible   
## 433 0.06 Susceptible   
## 434 0.5 Susceptible   
## 435 >8 Resistant   
## 436 0.03 Susceptible   
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## 438 0.03 Susceptible   
## 439 0.06 Susceptible   
## 440 0.06 Susceptible   
## 441 0.03 Susceptible   
## 442 0.03 Susceptible   
## 443 0.25 Susceptible   
## 444 2 Intermediate   
## 445 0.015 Susceptible   
## 446 0.03 Susceptible   
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## 450 0.03 Susceptible   
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## 452 0.03 Susceptible   
## 453 0.5 Susceptible   
## 454 0.015 Susceptible   
## 455 0.015 Susceptible   
## 456 8 Resistant   
## 457 0.03 Susceptible   
## 458 0.06 Susceptible   
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## 467 0.03 Susceptible   
## 468 >8 Resistant   
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## 491 0.03 Susceptible   
## 492 0.03 Susceptible   
## 493 1 Susceptible   
## 494 8 Resistant   
## 495 >8 Resistant   
## 496 1 Susceptible   
## 497 >8 Resistant   
## 498 0.06 Susceptible   
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## 501 >8 Resistant   
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## 506 2 Intermediate   
## 507 >8 Resistant   
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## 515 >8 Resistant   
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## 517 >8 Resistant   
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## 519 0.03 Susceptible   
## 520 0.06 Susceptible   
## 521 0.25 Susceptible   
## 522 >8 Resistant   
## 523 >8 Resistant   
## 524 0.5 Susceptible   
## 525 16  
## 526 16  
## 527 <=0.06 Susceptible 16  
## 528 2 Intermediate   
## 529 2 Intermediate   
## 530 0.03 Susceptible   
## 531 0.03 Susceptible   
## 532 0.03 Susceptible   
## 533 0.03 Susceptible   
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## 536 0.03 Susceptible   
## 537 8 Resistant   
## 538 0.25 Susceptible   
## 539 0.03 Susceptible   
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## 556 1 Susceptible   
## 557 0.015 Susceptible   
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## 561 >8 Resistant   
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## 563 <=0.06 Susceptible   
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## 588 <=0.06 Susceptible   
## 589 4 Resistant   
## 590 <=0.06 Susceptible   
## 591 <=0.06 Susceptible   
## 592 <=0.06 Susceptible   
## 593 <=0.06 Susceptible   
## 594 <=0.06 Susceptible   
## 595 <=0.06 Susceptible   
## 596 >16 Resistant   
## 597 <=0.06 Susceptible   
## 598 >16 Resistant   
## 599 <=0.06 Susceptible   
## 600 <=0.06 Susceptible   
## 601 <=0.06 Susceptible   
## 602 >16 Resistant   
## 603 <=0.06 Susceptible   
## 604 <=0.06 Susceptible   
## 605 <=0.06 Susceptible   
## 606 <=0.06 Susceptible   
## 607 <=0.06 Susceptible   
## 608 <=0.06 Susceptible   
## 609 >16 Resistant   
## 610 <=0.06 Susceptible   
## 611 <=0.06 Susceptible   
## 612 <=0.06 Susceptible   
## 613 <=0.06 Susceptible   
## 614 <=0.06 Susceptible   
## 615 <=0.06 Susceptible   
## 616 <=0.06 Susceptible   
## 617 >16 Resistant   
## 618 0.5 Susceptible   
## 619 >16 Resistant   
## 620 <=0.06 Susceptible   
## 621 <=0.06 Susceptible   
## 622 <=0.06 Susceptible   
## 623 <=0.06 Susceptible   
## 624 <=0.06 Susceptible   
## 625 <=0.06 Susceptible   
## 626 <=0.06 Susceptible   
## 627 <=0.06 Susceptible   
## 628 <=0.06 Susceptible   
## 629 0.12 Susceptible   
## 630 <=0.06 Susceptible   
## 631 >16 Resistant   
## 632 <=0.06 Susceptible   
## 633 >16 Resistant   
## 634 >16 Resistant   
## 635 <=0.06 Susceptible   
## 636 <=0.06 Susceptible   
## 637 <=0.06 Susceptible   
## 638 >16 Resistant   
## 639 <=0.06 Susceptible   
## 640 <=0.06 Susceptible   
## 641 <=0.06 Susceptible   
## 642 <=0.06 Susceptible   
## 643 >16 Resistant   
## 644 <=0.06 Susceptible   
## 645 <=0.06 Susceptible   
## 646 <=0.06 Susceptible   
## 647 <=0.06 Susceptible   
## 648 <=0.06 Susceptible   
## 649 0.5 Susceptible   
## 650 0.5 Susceptible   
## 651 <=0.06 Susceptible   
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## 658 0.5 Susceptible   
## 659 <=0.06 Susceptible   
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## 665 <=0.06 Susceptible   
## 666 <=0.06 Susceptible   
## 667 <=0.06 Susceptible   
## 668 0.12 Susceptible   
## 669 <=0.06 Susceptible   
## 670 <=0.06 Susceptible   
## 671 <=0.06 Susceptible   
## 672 <=0.06 Susceptible   
## 673 <=0.06 Susceptible   
## 674 2 Intermediate   
## 675 0.5 Susceptible   
## 676 <=0.06 Susceptible   
## 677 <=0.06 Susceptible   
## 678 <=0.06 Susceptible   
## 679 <=0.06 Susceptible   
## 680 <=0.06 Susceptible   
## 681 4 Resistant   
## 682 0.12 Susceptible   
## 683 <=0.06 Susceptible   
## 684 <=0.06 Susceptible   
## 685 <=0.06 Susceptible   
## 686 <=0.06 Susceptible   
## 687 <=0.06 Susceptible   
## 688 0.5 Susceptible   
## 689 <=0.06 Susceptible   
## 690 <=0.06 Susceptible   
## 691 <=0.06 Susceptible   
## 692 <=0.06 Susceptible   
## 693 <=0.06 Susceptible   
## 694 >16 Resistant   
## 695 <=0.06 Susceptible   
## 696 <=0.06 Susceptible   
## 697 <=0.06 Susceptible   
## 698 1 Susceptible   
## 699 <=0.06 Susceptible   
## 700 <=0.06 Susceptible   
## 701 0.5 Susceptible   
## 702 2 Intermediate   
## 703 0.12 Susceptible   
## 704 <=0.06 Susceptible   
## 705 <=0.06 Susceptible   
## 706 <=0.06 Susceptible   
## 707 >16 Resistant   
## 708 <=0.06 Susceptible   
## 709 <=0.06 Susceptible   
## 710 >16 Resistant   
## 711 <=0.06 Susceptible   
## 712 <=0.06 Susceptible   
## 713 1 Susceptible   
## 714 >16 Resistant   
## 715 0.12 Susceptible   
## 716 1 Susceptible   
## 717 4 Resistant   
## 718 <=0.06 Susceptible   
## 719 <=0.06 Susceptible   
## 720 <=0.06 Susceptible   
## 721 <=0.06 Susceptible   
## 722 <=0.06 Susceptible   
## 723 <=0.06 Susceptible   
## 724 <=0.06 Susceptible   
## 725 <=0.06 Susceptible   
## 726 <=0.06 Susceptible   
## 727 0.5 Susceptible   
## 728 >16 Resistant   
## 729 8 Resistant   
## 730 2 Intermediate   
## 731 1 Susceptible   
## 732 4 Resistant   
## 733 0.5 Susceptible   
## 734 4 Resistant   
## 735 2 Intermediate   
## 736 1 Susceptible   
## 737 0.5 Susceptible   
## 738 <=0.06 Susceptible   
## 739 <=0.06 Susceptible   
## 740 <=0.06 Susceptible   
## Minocycline\_I Penicillin Penicillin\_I Piperacillin.tazobactam Piperacillin.tazobactam\_I  
## 1 64 Resistant  
## 2 128 Resistant  
## 3 2 Susceptible  
## 4 8 Susceptible  
## 5 4 Susceptible  
## 6 8 Susceptible  
## 7 32 Resistant  
## 8 >128 Resistant  
## 9 8 Susceptible  
## 10 32 Resistant  
## 11 16 Intermediate  
## 12 2 Susceptible  
## 13 32 Resistant  
## 14 4 Susceptible  
## 15 16 Intermediate  
## 16 8 Susceptible  
## 17 >128 Resistant  
## 18 >128 Resistant  
## 19 16 Intermediate  
## 20 128 Resistant  
## 21 8 Susceptible  
## 22 16 Intermediate  
## 23 >128 Resistant  
## 24 16 Intermediate  
## 25 2 Susceptible  
## 26 32 Resistant  
## 27 >128 Resistant  
## 28 >128 Resistant  
## 29 0.5 Susceptible  
## 30 4 Susceptible  
## 31 32 Resistant  
## 32 >128 Resistant  
## 33 >128 Resistant  
## 34 64 Resistant  
## 35 16 Intermediate  
## 36 >128 Resistant  
## 37 64 Resistant  
## 38 64 Resistant  
## 39 16 Intermediate  
## 40 64 Resistant  
## 41 64 Resistant  
## 42 32 Resistant  
## 43 >128 Resistant  
## 44 32 Resistant  
## 45 >128 Resistant  
## 46 32 Resistant  
## 47 >128 Resistant  
## 48 64 Resistant  
## 49 16 Intermediate  
## 50 16 Intermediate  
## 51 16 Intermediate  
## 52 64 Resistant  
## 53 2 Susceptible  
## 54 64 Resistant  
## 55 16 Intermediate  
## 56 16 Intermediate  
## 57 8 Susceptible  
## 58 4 Susceptible  
## 59 64 Resistant  
## 60 16 Intermediate  
## 61 16 Intermediate  
## 62 4 Susceptible  
## 63 16 Intermediate  
## 64 2 Susceptible  
## 65 16 Intermediate  
## 66 8 Susceptible  
## 67 64 Resistant  
## 68 16 Intermediate  
## 69 2 Susceptible  
## 70 16 Intermediate  
## 71 32 Resistant  
## 72 16 Intermediate  
## 73 16 Intermediate  
## 74 16 Intermediate  
## 75 64 Resistant  
## 76 16 Intermediate  
## 77 4 Susceptible  
## 78 >128 Resistant  
## 79 >128 Resistant  
## 80 16 Intermediate  
## 81 >128 Resistant  
## 82 16 Intermediate  
## 83 16 Intermediate  
## 84 64 Resistant  
## 85 16 Intermediate  
## 86 16 Intermediate  
## 87 64 Resistant  
## 88 128 Resistant  
## 89 4 Susceptible  
## 90 16 Intermediate  
## 91 4 Susceptible  
## 92 >128 Resistant  
## 93 16 Intermediate  
## 94 16 Intermediate  
## 95 16 Intermediate  
## 96 16 Intermediate  
## 97 4 Susceptible  
## 98 >128 Resistant  
## 99 >128 Resistant  
## 100 64 Resistant  
## 101 >128 Resistant  
## 102 64 Resistant  
## 103 8 Susceptible  
## 104 64 Resistant  
## 105 4 Susceptible  
## 106 4 Susceptible  
## 107 8 Susceptible  
## 108 64 Resistant  
## 109 64 Resistant  
## 110 64 Resistant  
## 111 8 Susceptible  
## 112 64 Resistant  
## 113 64 Resistant  
## 114 2 Susceptible  
## 115 4 Susceptible  
## 116 32 Resistant  
## 117 >128 Resistant  
## 118 32 Resistant  
## 119 >128 Resistant  
## 120 >128 Resistant  
## 121 64 Resistant  
## 122 128 Resistant  
## 123 32 Resistant  
## 124 128 Resistant  
## 125 >128 Resistant  
## 126 32 Resistant  
## 127 <=0.25 Susceptible  
## 128 >128 Resistant  
## 129 2 Susceptible  
## 130 >128 Resistant  
## 131 16 Intermediate  
## 132 16 Intermediate  
## 133 16 Intermediate  
## 134 16 Intermediate  
## 135 16 Intermediate  
## 136 16 Intermediate  
## 137 0.5 Susceptible  
## 138 16 Intermediate  
## 139 16 Intermediate  
## 140 32 Resistant  
## 141 1 Susceptible  
## 142 16 Intermediate  
## 143 16 Intermediate  
## 144 2 Susceptible  
## 145 32 Resistant  
## 146 16 Intermediate  
## 147 16 Intermediate  
## 148 16 Intermediate  
## 149 8 Susceptible  
## 150 >128 Resistant  
## 151 16 Intermediate  
## 152 4 Susceptible  
## 153 8 Susceptible  
## 154 4 Susceptible  
## 155 8 Susceptible  
## 156 2 Susceptible  
## 157 64 Resistant  
## 158 16 Intermediate  
## 159 8 Susceptible  
## 160 8 Susceptible  
## 161 8 Susceptible  
## 162 8 Susceptible  
## 163 8 Susceptible  
## 164 4 Susceptible  
## 165 16 Intermediate  
## 166 128 Resistant  
## 167 >128 Resistant  
## 168 64 Resistant  
## 169 128 Resistant  
## 170 8 Susceptible  
## 171 >128 Resistant  
## 172 >128 Resistant  
## 173 128 Resistant  
## 174 >128 Resistant  
## 175 8 Susceptible  
## 176 16 Intermediate  
## 177 64 Resistant  
## 178 8 Susceptible  
## 179 4 Susceptible  
## 180 4 Susceptible  
## 181 16 Intermediate  
## 182 4 Susceptible  
## 183 8 Susceptible  
## 184 >128 Resistant  
## 185 128 Resistant  
## 186 >128 Resistant  
## 187 >128 Resistant  
## 188 2 Susceptible  
## 189 2 Susceptible  
## 190 4 Susceptible  
## 191 0.5 Susceptible  
## 192 <=0.25 Susceptible  
## 193 16 Intermediate  
## 194 16 Intermediate  
## 195 16 Intermediate  
## 196 8 Susceptible  
## 197 4 Susceptible  
## 198 128 Resistant  
## 199 32 Resistant  
## 200 16 Intermediate  
## 201 128 Resistant  
## 202 16 Intermediate  
## 203 16 Intermediate  
## 204 >128 Resistant  
## 205 0.5 Susceptible  
## 206 0.5 Susceptible  
## 207 >128 Resistant  
## 208 16 Intermediate  
## 209 16 Intermediate  
## 210 0.5 Susceptible  
## 211 1 Susceptible  
## 212 16 Intermediate  
## 213 64 Resistant  
## 214 16 Intermediate  
## 215 0.5 Susceptible  
## 216 16 Intermediate  
## 217 >128 Resistant  
## 218 0.5 Susceptible  
## 219 16 Intermediate  
## 220 16 Intermediate  
## 221 16 Intermediate  
## 222 16 Intermediate  
## 223 16 Intermediate  
## 224 16 Intermediate  
## 225 16 Intermediate  
## 226 128 Resistant  
## 227 4 Susceptible  
## 228 16 Intermediate  
## 229 >128 Resistant  
## 230 >128 Resistant  
## 231 32 Resistant  
## 232 2 Susceptible  
## 233 16 Intermediate  
## 234 16 Intermediate  
## 235 8 Susceptible  
## 236 >128 Resistant  
## 237 16 Intermediate  
## 238 32 Resistant  
## 239 >128 Resistant  
## 240 32 Resistant  
## 241 8 Susceptible  
## 242 4 Susceptible  
## 243 64 Resistant  
## 244 8 Susceptible  
## 245 64 Resistant  
## 246 >128 Resistant  
## 247 >128 Resistant  
## 248 16 Intermediate  
## 249 1 Susceptible  
## 250 2 Susceptible  
## 251 32 Resistant  
## 252 2 Susceptible  
## 253 16 Intermediate  
## 254 16 Intermediate  
## 255 16 Intermediate  
## 256 16 Intermediate  
## 257 >128 Resistant  
## 258 0.5 Susceptible  
## 259 16 Intermediate  
## 260 0.5 Susceptible  
## 261 >128 Resistant  
## 262 16 Intermediate  
## 263 0.5 Susceptible  
## 264 64 Resistant  
## 265 16 Intermediate  
## 266 16 Intermediate  
## 267 16 Intermediate  
## 268 16 Intermediate  
## 269 >128 Resistant  
## 270 64 Resistant  
## 271 16 Intermediate  
## 272 >128 Resistant  
## 273 16 Intermediate  
## 274 16 Intermediate  
## 275 >128 Resistant  
## 276 16 Intermediate  
## 277 16 Intermediate  
## 278 32 Resistant  
## 279 16 Intermediate  
## 280 0.5 Susceptible  
## 281 16 Intermediate  
## 282 16 Intermediate  
## 283 8 Susceptible  
## 284 >128 Resistant  
## 285 16 Intermediate  
## 286 16 Intermediate  
## 287 16 Intermediate  
## 288 >128 Resistant  
## 289 64 Resistant  
## 290 >128 Resistant  
## 291 16 Intermediate  
## 292 32 Resistant  
## 293 16 Intermediate  
## 294 >128 Resistant  
## 295 8 Susceptible  
## 296 8 Susceptible  
## 297 16 Intermediate  
## 298 4 Susceptible  
## 299 16 Intermediate  
## 300 16 Intermediate  
## 301 4 Susceptible  
## 302 8 Susceptible  
## 303 8 Susceptible  
## 304 >128 Resistant  
## 305 Susceptible >128 Resistant  
## 306 32 Resistant  
## 307 32 Resistant  
## 308 8 Susceptible  
## 309 2 Susceptible  
## 310 64 Resistant  
## 311 32 Resistant  
## 312 >128 Resistant  
## 313 8 Susceptible  
## 314 >128 Resistant  
## 315 16 Intermediate  
## 316 >128 Resistant  
## 317 64 Resistant  
## 318 4 Susceptible  
## 319 >128 Resistant  
## 320 >128 Resistant  
## 321 >128 Resistant  
## 322 16 Intermediate  
## 323 >128 Resistant  
## 324 64 Resistant  
## 325 4 Susceptible  
## 326 8 Susceptible  
## 327 4 Susceptible  
## 328 16 Intermediate  
## 329 4 Susceptible  
## 330 32 Resistant  
## 331 4 Susceptible  
## 332 32 Resistant  
## 333 32 Resistant  
## 334 8 Susceptible  
## 335 >128 Resistant  
## 336 4 Susceptible  
## 337 4 Susceptible  
## 338 16 Intermediate  
## 339 4 Susceptible  
## 340 >128 Resistant  
## 341 16 Intermediate  
## 342 8 Susceptible  
## 343 2 Susceptible  
## 344 >128 Resistant  
## 345 16 Intermediate  
## 346 32 Resistant  
## 347 8 Susceptible  
## 348 >128 Resistant  
## 349 32 Resistant  
## 350 16 Intermediate  
## 351 4 Susceptible  
## 352 4 Susceptible  
## 353 >128 Resistant  
## 354 8 Susceptible  
## 355 16 Intermediate  
## 356 8 Susceptible  
## 357 8 Susceptible  
## 358 8 Susceptible  
## 359 >128 Resistant  
## 360 16 Intermediate  
## 361 4 Susceptible  
## 362 8 Susceptible  
## 363 >128 Resistant  
## 364 4 Susceptible  
## 365 4 Susceptible  
## 366 8 Susceptible  
## 367 4 Susceptible  
## 368 4 Susceptible  
## 369 4 Susceptible  
## 370 32 Resistant  
## 371 4 Susceptible  
## 372 4 Susceptible  
## 373 4 Susceptible  
## 374 4 Susceptible  
## 375 64 Resistant  
## 376 8 Susceptible  
## 377 32 Resistant  
## 378 32 Resistant  
## 379 16 Intermediate  
## 380 2 Susceptible  
## 381 8 Susceptible  
## 382 4 Susceptible  
## 383 2 Susceptible  
## 384 4 Susceptible  
## 385 4 Susceptible  
## 386 2 Susceptible  
## 387 0.5 Susceptible  
## 388 2 Susceptible  
## 389 >128 Resistant  
## 390 >128 Resistant  
## 391 32 Resistant  
## 392 >128 Resistant  
## 393 8 Susceptible  
## 394 64 Resistant  
## 395 >128 Resistant  
## 396 >128 Resistant  
## 397 16 Intermediate  
## 398 >128 Resistant  
## 399 16 Intermediate  
## 400 >128 Resistant  
## 401 8 Susceptible  
## 402 4 Susceptible  
## 403 32 Resistant  
## 404 >128 Resistant  
## 405 128 Resistant  
## 406 128 Resistant  
## 407 >128 Resistant  
## 408 >128 Resistant  
## 409 128 Resistant  
## 410 4 Susceptible  
## 411 4 Susceptible  
## 412 >128 Resistant  
## 413 <=0.25 Susceptible  
## 414 0.5 Susceptible  
## 415 4 Susceptible  
## 416 >128 Resistant  
## 417 64 Resistant  
## 418 32 Resistant  
## 419 2 Susceptible  
## 420 8 Susceptible  
## 421 4 Susceptible  
## 422 2 Susceptible  
## 423 8 Susceptible  
## 424 16 Intermediate  
## 425 8 Susceptible  
## 426 64 Resistant  
## 427 32 Resistant  
## 428 >128 Resistant  
## 429 4 Susceptible  
## 430 4 Susceptible  
## 431 64 Resistant  
## 432 16 Intermediate  
## 433 32 Resistant  
## 434 >128 Resistant  
## 435 >128 Resistant  
## 436 2 Susceptible  
## 437 16 Intermediate  
## 438 2 Susceptible  
## 439 4 Susceptible  
## 440 32 Resistant  
## 441 2 Susceptible  
## 442 4 Susceptible  
## 443 128 Resistant  
## 444 >128 Resistant  
## 445 1 Susceptible  
## 446 2 Susceptible  
## 447 32 Resistant  
## 448 8 Susceptible  
## 449 2 Susceptible  
## 450 16 Intermediate  
## 451 4 Susceptible  
## 452 2 Susceptible  
## 453 >128 Resistant  
## 454 2 Susceptible  
## 455 8 Susceptible  
## 456 >128 Resistant  
## 457 8 Susceptible  
## 458 32 Resistant  
## 459 8 Susceptible  
## 460 16 Intermediate  
## 461 8 Susceptible  
## 462 2 Susceptible  
## 463 8 Susceptible  
## 464 >128 Resistant  
## 465 32 Resistant  
## 466 32 Resistant  
## 467 4 Susceptible  
## 468 >128 Resistant  
## 469 >128 Resistant  
## 470 8 Susceptible  
## 471 >128 Resistant  
## 472 16 Intermediate  
## 473 4 Susceptible  
## 474 >128 Resistant  
## 475 32 Resistant  
## 476 2 Susceptible  
## 477 2 Susceptible  
## 478 2 Susceptible  
## 479 >128 Resistant  
## 480 2 Susceptible  
## 481 4 Susceptible  
## 482 16 Intermediate  
## 483 1 Susceptible  
## 484 2 Susceptible  
## 485 >128 Resistant  
## 486 16 Intermediate  
## 487 2 Susceptible  
## 488 16 Intermediate  
## 489 >128 Resistant  
## 490 2 Susceptible  
## 491 4 Susceptible  
## 492 16 Intermediate  
## 493 >128 Resistant  
## 494 >128 Resistant  
## 495 >128 Resistant  
## 496 128 Resistant  
## 497 >128 Resistant  
## 498 8 Susceptible  
## 499 2 Susceptible  
## 500 8 Susceptible  
## 501 >128 Resistant  
## 502 8 Susceptible  
## 503 128 Resistant  
## 504 >128 Resistant  
## 505 4 Susceptible  
## 506 >128 Resistant  
## 507 >128 Resistant  
## 508 2 Susceptible  
## 509 8 Susceptible  
## 510 16 Intermediate  
## 511 16 Intermediate  
## 512 8 Susceptible  
## 513 8 Susceptible  
## 514 1 Susceptible  
## 515 >128 Resistant  
## 516 16 Intermediate  
## 517 >128 Resistant  
## 518 16 Intermediate  
## 519 64 Resistant  
## 520 32 Resistant  
## 521 >128 Resistant  
## 522 >128 Resistant  
## 523 >128 Resistant  
## 524 >128 Resistant  
## 525 Resistant 2 Susceptible  
## 526 Resistant 1 Susceptible  
## 527 Resistant 8 Susceptible  
## 528 >128 Resistant  
## 529 >128 Resistant  
## 530 8 Susceptible  
## 531 2 Susceptible  
## 532 32 Resistant  
## 533 16 Intermediate  
## 534 64 Resistant  
## 535 32 Resistant  
## 536 16 Intermediate  
## 537 >128 Resistant  
## 538 16 Intermediate  
## 539 8 Susceptible  
## 540 >128 Resistant  
## 541 16 Intermediate  
## 542 8 Susceptible  
## 543 2 Susceptible  
## 544 128 Resistant  
## 545 32 Resistant  
## 546 >128 Resistant  
## 547 >128 Resistant  
## 548 32 Resistant  
## 549 8 Susceptible  
## 550 4 Susceptible  
## 551 16 Intermediate  
## 552 4 Susceptible  
## 553 >128 Resistant  
## 554 8 Susceptible  
## 555 4 Susceptible  
## 556 >128 Resistant  
## 557 1 Susceptible  
## 558 >128 Resistant  
## 559 1 Susceptible  
## 560 >128 Resistant  
## 561 >128 Resistant  
## 562 Intermediate 16 Intermediate  
## 563 8 Susceptible  
## 564 4 Susceptible  
## 565 2 Susceptible  
## 566 1 Susceptible  
## 567 2 Susceptible  
## 568 8 Susceptible  
## 569 >64 Resistant  
## 570 16 Intermediate  
## 571 16 Intermediate  
## 572 8 Susceptible  
## 573 4 Susceptible  
## 574 4 Susceptible  
## 575 >64 Resistant  
## 576 8 Susceptible  
## 577 64 Resistant  
## 578 2 Susceptible  
## 579 >64 Resistant  
## 580 1 Susceptible  
## 581 8 Susceptible  
## 582 4 Susceptible  
## 583 2 Susceptible  
## 584 16 Intermediate  
## 585 2 Susceptible  
## 586 32 Resistant  
## 587 4 Susceptible  
## 588 16 Intermediate  
## 589 >64 Resistant  
## 590 4 Susceptible  
## 591 16 Intermediate  
## 592 8 Susceptible  
## 593 8 Susceptible  
## 594 32 Resistant  
## 595 2 Susceptible  
## 596 >64 Resistant  
## 597 32 Resistant  
## 598 >64 Resistant  
## 599 2 Susceptible  
## 600 4 Susceptible  
## 601 8 Susceptible  
## 602 >64 Resistant  
## 603 4 Susceptible  
## 604 64 Resistant  
## 605 >64 Resistant  
## 606 16 Intermediate  
## 607 16 Intermediate  
## 608 4 Susceptible  
## 609 >64 Resistant  
## 610 8 Susceptible  
## 611 32 Resistant  
## 612 4 Susceptible  
## 613 2 Susceptible  
## 614 8 Susceptible  
## 615 >64 Resistant  
## 616 8 Susceptible  
## 617 >64 Resistant  
## 618 8 Susceptible  
## 619 >64 Resistant  
## 620 16 Intermediate  
## 621 >64 Resistant  
## 622 16 Intermediate  
## 623 4 Susceptible  
## 624 8 Susceptible  
## 625 32 Resistant  
## 626 4 Susceptible  
## 627 16 Intermediate  
## 628 8 Susceptible  
## 629 4 Susceptible  
## 630 >64 Resistant  
## 631 >64 Resistant  
## 632 2 Susceptible  
## 633 >64 Resistant  
## 634 >64 Resistant  
## 635 16 Intermediate  
## 636 2 Susceptible  
## 637 2 Susceptible  
## 638 >64 Resistant  
## 639 16 Intermediate  
## 640 >64 Resistant  
## 641 2 Susceptible  
## 642 2 Susceptible  
## 643 >64 Resistant  
## 644 64 Resistant  
## 645 16 Intermediate  
## 646 >64 Resistant  
## 647 32 Resistant  
## 648 >64 Resistant  
## 649 >64 Resistant  
## 650 >64 Resistant  
## 651 >64 Resistant  
## 652 4 Susceptible  
## 653 2 Susceptible  
## 654 2 Susceptible  
## 655 >64 Resistant  
## 656 2 Susceptible  
## 657 1 Susceptible  
## 658 >64 Resistant  
## 659 64 Resistant  
## 660 4 Susceptible  
## 661 8 Susceptible  
## 662 16 Intermediate  
## 663 >64 Resistant  
## 664 8 Susceptible  
## 665 >64 Resistant  
## 666 >64 Resistant  
## 667 32 Resistant  
## 668 4 Susceptible  
## 669 16 Intermediate  
## 670 2 Susceptible  
## 671 32 Resistant  
## 672 1 Susceptible  
## 673 4 Susceptible  
## 674 16 Intermediate  
## 675 >64 Resistant  
## 676 >64 Resistant  
## 677 >64 Resistant  
## 678 16 Intermediate  
## 679 4 Susceptible  
## 680 8 Susceptible  
## 681 >64 Resistant  
## 682 32 Resistant  
## 683 64 Resistant  
## 684 1 Susceptible  
## 685 8 Susceptible  
## 686 0.5 Susceptible  
## 687 4 Susceptible  
## 688 0.5 Susceptible  
## 689 16 Intermediate  
## 690 4 Susceptible  
## 691 16 Intermediate  
## 692 8 Susceptible  
## 693 4 Susceptible  
## 694 >64 Resistant  
## 695 32 Resistant  
## 696 2 Susceptible  
## 697 16 Intermediate  
## 698 >64 Resistant  
## 699 4 Susceptible  
## 700 64 Resistant  
## 701 64 Resistant  
## 702 8 Susceptible  
## 703 32 Resistant  
## 704 8 Susceptible  
## 705 0.5 Susceptible  
## 706 1 Susceptible  
## 707 >64 Resistant  
## 708 4 Susceptible  
## 709 4 Susceptible  
## 710 >64 Resistant  
## 711 16 Intermediate  
## 712 8 Susceptible  
## 713 >64 Resistant  
## 714 >64 Resistant  
## 715 8 Susceptible  
## 716 >64 Resistant  
## 717 >64 Resistant  
## 718 64 Resistant  
## 719 2 Susceptible  
## 720 4 Susceptible  
## 721 32 Resistant  
## 722 >64 Resistant  
## 723 16 Intermediate  
## 724 16 Intermediate  
## 725 16 Intermediate  
## 726 8 Susceptible  
## 727 >64 Resistant  
## 728 >64 Resistant  
## 729 >64 Resistant  
## 730 >64 Resistant  
## 731 >64 Resistant  
## 732 >64 Resistant  
## 733 >64 Resistant  
## 734 >64 Resistant  
## 735 >64 Resistant  
## 736 >64 Resistant  
## 737 >64 Resistant  
## 738 1 Susceptible  
## 739 2 Susceptible  
## 740 2 Susceptible  
## Tigecycline Tigecycline\_I Vancomycin Vancomycin\_I Ampicillin.sulbactam Ampicillin.sulbactam\_I  
## 1 1 Susceptible   
## 2 0.25 Susceptible   
## 3 0.25 Susceptible   
## 4 1 Susceptible   
## 5 0.5 Susceptible   
## 6 0.25 Susceptible   
## 7 1 Susceptible   
## 8 0.5 Susceptible   
## 9 0.5 Susceptible   
## 10 1 Susceptible   
## 11 0.25 Susceptible   
## 12 0.25 Susceptible   
## 13 2 Susceptible   
## 14 0.25 Susceptible   
## 15 0.5 Susceptible   
## 16 0.5 Susceptible   
## 17 1 Susceptible   
## 18 0.5 Susceptible   
## 19 0.25 Susceptible   
## 20 0.25 Susceptible   
## 21 0.5 Susceptible   
## 22 1 Susceptible   
## 23 0.5 Susceptible   
## 24 1 Susceptible   
## 25 0.5 Susceptible   
## 26 2 Susceptible   
## 27 2 Susceptible   
## 28 2 Susceptible   
## 29 2 Susceptible   
## 30 2 Susceptible   
## 31 1 Susceptible   
## 32 1 Susceptible   
## 33 1 Susceptible   
## 34 2 Susceptible   
## 35 2 Susceptible   
## 36 4 Intermediate   
## 37 4 Intermediate   
## 38 1 Susceptible   
## 39 1 Susceptible   
## 40 1 Susceptible   
## 41 1 Susceptible   
## 42 0.5 Susceptible   
## 43 0.5 Susceptible   
## 44 1 Susceptible   
## 45 0.5 Susceptible   
## 46 1 Susceptible   
## 47 1 Susceptible   
## 48 2 Susceptible   
## 49 1 Susceptible   
## 50 1 Susceptible   
## 51 1 Susceptible   
## 52 0.5 Susceptible   
## 53 1 Susceptible   
## 54 0.25 Susceptible   
## 55 0.5 Susceptible   
## 56 0.5 Susceptible   
## 57 0.12 Susceptible   
## 58 0.12 Susceptible   
## 59 0.25 Susceptible   
## 60 0.25 Susceptible   
## 61 0.5 Susceptible   
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## 69 1 Susceptible   
## 70 0.5 Susceptible   
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## 73 0.5 Susceptible   
## 74 0.5 Susceptible   
## 75 4 Intermediate   
## 76 2 Susceptible   
## 77 0.5 Susceptible   
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## 79 2 Susceptible   
## 80 1 Susceptible   
## 81 2 Susceptible   
## 82 1 Susceptible   
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## 92 2 Susceptible   
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## 100 2 Susceptible   
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## 126 2 Susceptible   
## 127 2 Susceptible   
## 128 0.5 Susceptible   
## 129 4 Intermediate   
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## 179 0.5 Susceptible   
## 180 1 Susceptible   
## 181 0.5 Susceptible   
## 182 0.5 Susceptible   
## 183 1 Susceptible   
## 184 8   
## 185 >8   
## 186 2 Susceptible   
## 187 2 Susceptible   
## 188 0.5 Susceptible   
## 189 0.25 Susceptible   
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## 191 2 Susceptible   
## 192 0.06 Susceptible   
## 193 0.25 Susceptible   
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## 230 0.12 Susceptible   
## 231 4 Intermediate   
## 232 0.25 Susceptible   
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## 249 4 Intermediate   
## 250 4 Intermediate   
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## 258 0.12 Susceptible   
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## 260 4 Intermediate   
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## 302 0.5 Susceptible   
## 303 0.5 Susceptible   
## 304 >8   
## 305 0.25 Susceptible   
## 306 0.5 Susceptible   
## 307 0.25 Susceptible   
## 308 1 Susceptible   
## 309 0.12 Susceptible   
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## 332 0.25 Susceptible   
## 333 4 Intermediate   
## 334 0.5 Susceptible   
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## 415 0.12 Susceptible   
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## 418 0.12 Susceptible   
## 419 0.06 Susceptible   
## 420 0.25 Susceptible   
## 421 4 Intermediate   
## 422 0.25 Susceptible   
## 423 0.12 Susceptible   
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## 428 1 Susceptible   
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## 433 0.5 Susceptible   
## 434 0.5 Susceptible   
## 435 >8 Resistant   
## 436 0.12 Susceptible   
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## 438 0.5 Susceptible   
## 439 0.5 Susceptible   
## 440 4 Intermediate   
## 441 0.25 Susceptible   
## 442 0.12 Susceptible   
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## 482 1 Susceptible   
## 483 0.12 Susceptible   
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## 489 1 Susceptible   
## 490 0.12 Susceptible   
## 491 0.12 Susceptible   
## 492 0.12 Susceptible   
## 493 1 Susceptible   
## 494 0.5 Susceptible   
## 495 >8 Resistant   
## 496 0.5 Susceptible   
## 497 2 Susceptible   
## 498 1 Susceptible   
## 499 0.25 Susceptible   
## 500 2 Susceptible   
## 501 0.5 Susceptible   
## 502 1 Susceptible   
## 503 0.25 Susceptible   
## 504 2 Susceptible   
## 505 0.12 Susceptible   
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## 508 0.25 Susceptible   
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## 511 1 Susceptible   
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## 556 0.25 Susceptible   
## 557 0.12 Susceptible   
## 558 0.25 Susceptible   
## 559 0.25 Susceptible   
## 560 0.25 Susceptible   
## 561 1 Susceptible   
## 562 2 Susceptible   
## 563 0.06 Susceptible 64 Resistant  
## 564 0.12 Susceptible 32 Resistant  
## 565 0.12 Susceptible 16 Intermediate  
## 566 0.12 Susceptible 16 Intermediate  
## 567 0.12 Susceptible 16 Intermediate  
## 568 0.06 Susceptible 32 Resistant  
## 569 0.5 Susceptible 64 Resistant  
## 570 0.25 Susceptible 64 Resistant  
## 571 0.25 Susceptible 64 Resistant  
## 572 0.5 Susceptible 32 Resistant  
## 573 0.25 Susceptible 32 Resistant  
## 574 0.25 Susceptible 32 Resistant  
## 575 0.25 Susceptible 64 Resistant  
## 576 0.25 Susceptible 32 Resistant  
## 577 0.25 Susceptible 64 Resistant  
## 578 0.25 Susceptible 16 Intermediate  
## 579 0.25 Susceptible 64 Resistant  
## 580 0.06 Susceptible 8 Susceptible  
## 581 0.25 Susceptible 32 Resistant  
## 582 0.25 Susceptible 32 Resistant  
## 583 0.5 Susceptible 32 Resistant  
## 584 0.5 Susceptible 64 Resistant  
## 585 0.5 Susceptible 32 Resistant  
## 586 1 Susceptible 64 Resistant  
## 587 0.5 Susceptible 64 Resistant  
## 588 0.5 Susceptible 32 Resistant  
## 589 1 Susceptible >64 Resistant  
## 590 1 Susceptible 64 Resistant  
## 591 1 Susceptible 64 Resistant  
## 592 0.25 Susceptible 64 Resistant  
## 593 1 Susceptible 32 Resistant  
## 594 1 Susceptible 64 Resistant  
## 595 1 Susceptible 16 Intermediate  
## 596 1 Susceptible >64 Resistant  
## 597 1 Susceptible >64 Resistant  
## 598 1 Susceptible >64 Resistant  
## 599 0.5 Susceptible 64 Resistant  
## 600 0.5 Susceptible 16 Intermediate  
## 601 0.5 Susceptible >64 Resistant  
## 602 1 Susceptible >64 Resistant  
## 603 0.5 Susceptible 32 Resistant  
## 604 0.5 Susceptible >64 Resistant  
## 605 2 Susceptible >64 Resistant  
## 606 0.5 Susceptible 64 Resistant  
## 607 0.5 Susceptible >64 Resistant  
## 608 0.25 Susceptible 64 Resistant  
## 609 0.5 Susceptible >64 Resistant  
## 610 0.12 Susceptible 32 Resistant  
## 611 0.12 Susceptible 64 Resistant  
## 612 0.25 Susceptible 16 Intermediate  
## 613 1 Susceptible 32 Resistant  
## 614 0.25 Susceptible 32 Resistant  
## 615 0.12 Susceptible >64 Resistant  
## 616 0.25 Susceptible 32 Resistant  
## 617 0.5 Susceptible >64 Resistant  
## 618 1 Susceptible >64 Resistant  
## 619 0.25 Susceptible >64 Resistant  
## 620 1 Susceptible 64 Resistant  
## 621 0.12 Susceptible >64 Resistant  
## 622 0.12 Susceptible 64 Resistant  
## 623 0.25 Susceptible 32 Resistant  
## 624 0.25 Susceptible 64 Resistant  
## 625 0.12 Susceptible >64 Resistant  
## 626 1 Susceptible 32 Resistant  
## 627 1 Susceptible 32 Resistant  
## 628 0.25 Susceptible 64 Resistant  
## 629 1 Susceptible >64 Resistant  
## 630 0.12 Susceptible >64 Resistant  
## 631 1 Susceptible >64 Resistant  
## 632 0.12 Susceptible 16 Intermediate  
## 633 0.5 Susceptible 64 Resistant  
## 634 0.5 Susceptible 64 Resistant  
## 635 0.5 Susceptible 32 Resistant  
## 636 0.12 Susceptible 16 Intermediate  
## 637 0.5 Susceptible 32 Resistant  
## 638 1 Susceptible >64 Resistant  
## 639 0.25 Susceptible 32 Resistant  
## 640 2 Susceptible 64 Resistant  
## 641 0.5 Susceptible 32 Resistant  
## 642 0.12 Susceptible 32 Resistant  
## 643 1 Susceptible >64 Resistant  
## 644 0.25 Susceptible >64 Resistant  
## 645 0.5 Susceptible 32 Resistant  
## 646 0.25 Susceptible 64 Resistant  
## 647 0.5 Susceptible 64 Resistant  
## 648 1 Susceptible >64 Resistant  
## 649 0.06 Susceptible >64 Resistant  
## 650 0.12 Susceptible >64 Resistant  
## 651 0.25 Susceptible >64 Resistant  
## 652 0.25 Susceptible 16 Intermediate  
## 653 0.5 Susceptible 32 Resistant  
## 654 0.25 Susceptible 16 Intermediate  
## 655 0.25 Susceptible >64 Resistant  
## 656 0.5 Susceptible 16 Intermediate  
## 657 0.25 Susceptible 8 Susceptible  
## 658 0.25 Susceptible >64 Resistant  
## 659 1 Susceptible >64 Resistant  
## 660 0.5 Susceptible 32 Resistant  
## 661 0.5 Susceptible 32 Resistant  
## 662 0.5 Susceptible 64 Resistant  
## 663 0.25 Susceptible >64 Resistant  
## 664 0.5 Susceptible 32 Resistant  
## 665 0.25 Susceptible >64 Resistant  
## 666 0.12 Susceptible 64 Resistant  
## 667 1 Susceptible 64 Resistant  
## 668 0.25 Susceptible 64 Resistant  
## 669 1 Susceptible 64 Resistant  
## 670 0.12 Susceptible 64 Resistant  
## 671 0.5 Susceptible 64 Resistant  
## 672 0.12 Susceptible 4 Susceptible  
## 673 0.25 Susceptible 32 Resistant  
## 674 0.12 Susceptible 64 Resistant  
## 675 0.12 Susceptible 64 Resistant  
## 676 0.25 Susceptible >64 Resistant  
## 677 0.12 Susceptible >64 Resistant  
## 678 1 Susceptible 64 Resistant  
## 679 0.5 Susceptible 16 Intermediate  
## 680 0.12 Susceptible 32 Resistant  
## 681 2 Susceptible >64 Resistant  
## 682 1 Susceptible 64 Resistant  
## 683 2 Susceptible 64 Resistant  
## 684 0.25 Susceptible 32 Resistant  
## 685 0.06 Susceptible 32 Resistant  
## 686 2 Susceptible 8 Susceptible  
## 687 0.25 Susceptible 16 Intermediate  
## 688 2 Susceptible 32 Resistant  
## 689 0.12 Susceptible 64 Resistant  
## 690 1 Susceptible 32 Resistant  
## 691 0.5 Susceptible 32 Resistant  
## 692 0.12 Susceptible 32 Resistant  
## 693 0.25 Susceptible 32 Resistant  
## 694 0.25 Susceptible >64 Resistant  
## 695 0.25 Susceptible 32 Resistant  
## 696 0.25 Susceptible 32 Resistant  
## 697 0.5 Susceptible 64 Resistant  
## 698 1 Susceptible >64 Resistant  
## 699 0.12 Susceptible 16 Intermediate  
## 700 0.5 Susceptible 64 Resistant  
## 701 4 Intermediate >64 Resistant  
## 702 2 Susceptible 64 Resistant  
## 703 1 Susceptible 64 Resistant  
## 704 0.5 Susceptible 64 Resistant  
## 705 4 Intermediate 16 Intermediate  
## 706 0.25 Susceptible 8 Susceptible  
## 707 0.25 Susceptible >64 Resistant  
## 708 0.5 Susceptible 32 Resistant  
## 709 0.5 Susceptible 64 Resistant  
## 710 1 Susceptible >64 Resistant  
## 711 0.25 Susceptible 32 Resistant  
## 712 0.12 Susceptible 32 Resistant  
## 713 0.5 Susceptible 64 Resistant  
## 714 0.5 Susceptible >64 Resistant  
## 715 0.5 Susceptible 32 Resistant  
## 716 0.25 Susceptible >64 Resistant  
## 717 0.5 Susceptible >64 Resistant  
## 718 0.5 Susceptible 64 Resistant  
## 719 0.5 Susceptible 32 Resistant  
## 720 0.25 Susceptible 16 Intermediate  
## 721 0.12 Susceptible 32 Resistant  
## 722 0.5 Susceptible 64 Resistant  
## 723 1 Susceptible 64 Resistant  
## 724 0.5 Susceptible 64 Resistant  
## 725 0.25 Susceptible 32 Resistant  
## 726 0.5 Susceptible 64 Resistant  
## 727 4 Intermediate >64 Resistant  
## 728 0.5 Susceptible >64 Resistant  
## 729 0.5 Susceptible >64 Resistant  
## 730 4 Intermediate >64 Resistant  
## 731 1 Susceptible >64 Resistant  
## 732 4 Intermediate >64 Resistant  
## 733 0.5 Susceptible >64 Resistant  
## 734 4 Intermediate >64 Resistant  
## 735 4 Intermediate >64 Resistant  
## 736 0.5 Susceptible >64 Resistant  
## 737 1 Susceptible 64 Resistant  
## 738 0.12 Susceptible 8 Susceptible  
## 739 0.06 Susceptible 16 Intermediate  
## 740 0.12 Susceptible 16 Intermediate  
## Aztreonam Aztreonam\_I Aztreonam.avibactam Aztreonam.avibactam\_I Cefixime Cefixime\_I  
## 1 32 Resistant 0.06 NA   
## 2 64 Resistant 0.06 NA   
## 3 64 Resistant 0.03 NA   
## 4 64 Resistant 0.03 NA   
## 5 64 Resistant 0.06 NA   
## 6 128 Resistant 0.03 NA   
## 7 >128 Resistant 0.03 NA   
## 8 32 Resistant 0.06 NA   
## 9 64 Resistant 0.06 NA   
## 10 32 Resistant 0.03 NA   
## 11 32 Resistant 0.03 NA   
## 12 32 Resistant 0.12 NA   
## 13 128 Resistant 0.06 NA   
## 14 128 Resistant <=0.015 NA   
## 15 32 Resistant 0.12 NA   
## 16 128 Resistant 0.03 NA   
## 17 64 Resistant 0.06 NA   
## 18 128 Resistant 0.06 NA   
## 19 64 Resistant 0.06 NA   
## 20 64 Resistant 0.03 NA   
## 21 32 Resistant 0.06 NA   
## 22 32 Resistant 0.06 NA   
## 23 128 Resistant 0.12 NA   
## 24 32 Resistant 0.06 NA   
## 25 32 Resistant 0.06 NA   
## 26 16 Resistant 0.06 NA   
## 27 <=0.015 Susceptible <=0.015 NA   
## 28 1 Susceptible <=0.015 NA   
## 29 128 Resistant 0.25 NA   
## 30 64 Resistant 0.25 NA   
## 31 64 Resistant 0.5 NA   
## 32 128 Resistant 0.12 NA   
## 33 >128 Resistant 0.12 NA   
## 34 128 Resistant 0.12 NA   
## 35 64 Resistant <=0.015 NA   
## 36 128 Resistant 0.06 NA   
## 37 >128 Resistant 0.25 NA   
## 38 64 Resistant 0.03 NA   
## 39 32 Resistant 0.25 NA   
## 40 64 Resistant 0.03 NA   
## 41 64 Resistant 0.03 NA   
## 42 32 Resistant 0.06 NA   
## 43 128 Resistant 0.12 NA   
## 44 >128 Resistant 0.06 NA   
## 45 32 Resistant 0.03 NA   
## 46 32 Resistant 0.03 NA   
## 47 64 Resistant 0.06 NA   
## 48 >128 Resistant 0.06 NA   
## 49 32 Resistant 0.06 NA   
## 50 16 Resistant 0.03 NA   
## 51 32 Resistant 0.03 NA   
## 52 64 Resistant 0.06 NA   
## 53 32 Resistant 0.06 NA   
## 54 32 Resistant 16 NA   
## 55 64 Resistant 0.06 NA   
## 56 64 Resistant 0.06 NA   
## 57 64 Resistant 0.03 NA   
## 58 64 Resistant 0.06 NA   
## 59 128 Resistant 0.06 NA   
## 60 32 Resistant 0.06 NA   
## 61 16 Resistant 0.25 NA   
## 62 16 Resistant 0.12 NA   
## 63 64 Resistant 0.03 NA   
## 64 64 Resistant 0.06 NA   
## 65 64 Resistant 0.06 NA   
## 66 16 Resistant 0.03 NA   
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## 73 64 Resistant 0.06 NA   
## 74 128 Resistant 0.12 NA   
## 75 >128 Resistant 0.12 NA   
## 76 128 Resistant 0.12 NA   
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## 78 128 Resistant 0.25 NA   
## 79 64 Resistant 0.06 NA   
## 80 64 Resistant <=0.015 NA   
## 81 128 Resistant 2 NA   
## 82 16 Resistant 0.25 NA   
## 83 4 Susceptible 0.25 NA   
## 84 128 Resistant 0.25 NA   
## 85 64 Resistant 0.06 NA   
## 86 64 Resistant 0.06 NA   
## 87 64 Resistant 0.03 NA   
## 88 128 Resistant 0.12 NA   
## 89 >128 Resistant 0.06 NA   
## 90 64 Resistant 0.12 NA   
## 91 16 Resistant 0.06 NA   
## 92 >128 Resistant 0.12 NA   
## 93 64 Resistant 0.06 NA   
## 94 64 Resistant 0.06 NA   
## 95 64 Resistant 0.12 NA   
## 96 64 Resistant 0.03 NA   
## 97 8 Intermediate 0.06 NA   
## 98 128 Resistant 0.25 NA   
## 99 >128 Resistant 0.06 NA   
## 100 >128 Resistant 0.12 NA   
## 101 128 Resistant <=0.015 NA   
## 102 16 Resistant <=0.015 NA   
## 103 16 Resistant <=0.015 NA   
## 104 128 Resistant 0.12 NA   
## 105 64 Resistant 0.03 NA   
## 106 16 Resistant <=0.015 NA   
## 107 32 Resistant 0.03 NA   
## 108 128 Resistant 0.12 NA   
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## 110 64 Resistant 0.03 NA   
## 111 64 Resistant 0.06 NA   
## 112 64 Resistant 0.03 NA   
## 113 64 Resistant 0.12 NA   
## 114 2 Susceptible 0.03 NA   
## 115 64 Resistant 0.06 NA   
## 116 32 Resistant <=0.015 NA   
## 117 64 Resistant 0.12 NA   
## 118 32 Resistant 0.03 NA   
## 119 64 Resistant 0.06 NA   
## 120 64 Resistant 0.12 NA   
## 121 32 Resistant 0.03 NA   
## 122 32 Resistant 0.12 NA   
## 123 32 Resistant 0.06 NA   
## 124 64 Resistant 0.03 NA   
## 125 64 Resistant 0.06 NA   
## 126 128 Resistant <=0.015 NA   
## 127 2 Susceptible <=0.015 NA   
## 128 64 Resistant 0.03 NA   
## 129 32 Resistant 0.12 NA   
## 130 128 Resistant 0.12 NA   
## 131 32 Resistant 0.03 NA   
## 132 128 Resistant 0.06 NA   
## 133 32 Resistant <=0.015 NA   
## 134 64 Resistant 0.03 NA   
## 135 64 Resistant 0.03 NA   
## 136 32 Resistant 0.06 NA   
## 137 2 Susceptible 0.06 NA   
## 138 64 Resistant 0.06 NA   
## 139 64 Resistant 0.12 NA   
## 140 64 Resistant 0.06 NA   
## 141 32 Resistant <=0.015 NA   
## 142 16 Resistant 0.03 NA   
## 143 32 Resistant 0.03 NA   
## 144 64 Resistant 0.06 NA   
## 145 >128 Resistant 0.5 NA   
## 146 64 Resistant 0.06 NA   
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## 150 128 Resistant 0.06 NA   
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## 153 16 Resistant 0.12 NA   
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## 156 32 Resistant <=0.015 NA   
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## 158 >128 Resistant 0.25 NA   
## 159 32 Resistant 0.06 NA   
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## 162 32 Resistant <=0.015 NA   
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## 166 128 Resistant 0.06 NA   
## 167 128 Resistant 0.12 NA   
## 168 128 Resistant 0.06 NA   
## 169 32 Resistant 0.03 NA   
## 170 16 Resistant <=0.015 NA   
## 171 128 Resistant 0.5 NA   
## 172 32 Resistant 0.25 NA   
## 173 64 Resistant 0.06 NA   
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## 176 16 Resistant 0.06 NA   
## 177 32 Resistant <=0.015 NA   
## 178 32 Resistant 0.06 NA   
## 179 128 Resistant 0.03 NA   
## 180 >128 Resistant 0.06 NA   
## 181 64 Resistant <=0.015 NA   
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## 184 >128 Resistant 16 NA   
## 185 >128 Resistant 64 NA   
## 186 0.12 Susceptible 0.12 NA   
## 187 64 Resistant 0.06 NA   
## 188 16 Resistant 0.06 NA   
## 189 16 Resistant 0.03 NA   
## 190 64 Resistant 0.12 NA   
## 191 16 Resistant 0.06 NA   
## 192 16 Resistant <=0.015 NA   
## 193 32 Resistant <=0.015 NA   
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## 197 16 Resistant 0.06 NA   
## 198 128 Resistant 0.12 NA   
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## 211 64 Resistant 0.03 NA   
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## 213 128 Resistant 0.03 NA   
## 214 128 Resistant 0.12 NA   
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## 216 128 Resistant 0.12 NA   
## 217 128 Resistant 1 NA   
## 218 8 Intermediate <=0.015 NA   
## 219 128 Resistant 0.12 NA   
## 220 32 Resistant 0.06 NA   
## 221 32 Resistant 0.06 NA   
## 222 16 Resistant 0.06 NA   
## 223 32 Resistant 0.03 NA   
## 224 32 Resistant 0.03 NA   
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## 226 64 Resistant 0.12 NA   
## 227 64 Resistant 0.06 NA   
## 228 64 Resistant 0.06 NA   
## 229 64 Resistant 0.12 NA   
## 230 >128 Resistant 1 NA   
## 231 <=0.015 Susceptible <=0.015 NA   
## 232 32 Resistant 0.06 NA   
## 233 32 Resistant 0.03 NA   
## 234 64 Resistant 0.06 NA   
## 235 64 Resistant 0.12 NA   
## 236 >128 Resistant 1 NA   
## 237 128 Resistant 0.12 NA   
## 238 128 Resistant <=0.015 NA   
## 239 >128 Resistant 0.12 NA   
## 240 128 Resistant 0.06 NA   
## 241 32 Resistant 0.12 NA   
## 242 32 Resistant 0.03 NA   
## 243 128 Resistant 0.25 NA   
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## 245 64 Resistant 0.06 NA   
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## 247 >128 Resistant 0.12 NA   
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## 249 16 Resistant 0.06 NA   
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## 277 64 Resistant 0.03 NA   
## 278 16 Resistant 0.25 NA   
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## 280 32 Resistant <=0.015 NA   
## 281 32 Resistant 0.06 NA   
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## 287 64 Resistant 0.12 NA   
## 288 >128 Resistant 1 NA   
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## 301 16 Resistant 0.12 NA   
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## 304 >128 Resistant 16 NA   
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## 306 128 Resistant 0.12 NA   
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## 309 16 Resistant 0.12 NA   
## 310 128 Resistant 0.12 NA   
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## 409 128 Resistant 0.12 NA   
## 410 4 Susceptible 0.03 NA   
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## 414 16 Resistant 0.06 NA   
## 415 16 Resistant 0.03 NA   
## 416 64 Resistant <=0.015 NA   
## 417 128 Resistant 0.06 NA   
## 418 128 Resistant 0.06 NA   
## 419 4 Susceptible 0.03 NA   
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## 449 8 Intermediate 0.03 NA   
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## 464 >128 Resistant 0.12 NA   
## 465 >128 Resistant 0.12 NA   
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## 467 2 Susceptible <=0.015 NA   
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## 589 128 Resistant 0.25 NA   
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## 593 64 Resistant 0.03 NA   
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## 596 128 Resistant 0.12 NA   
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## 601 32 Resistant 0.12 NA   
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## 614 64 Resistant 0.06 NA   
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## 625 128 Resistant 0.12 NA   
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## 628 16 Resistant 0.06 NA   
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## 638 32 Resistant 0.03 NA   
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## 643 32 Resistant 0.03 NA   
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## 647 128 Resistant 0.12 NA   
## 648 32 Resistant 0.03 NA   
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## 652 32 Resistant 0.03 NA   
## 653 32 Resistant 0.03 NA   
## 654 32 Resistant <=0.015 NA   
## 655 >128 Resistant 1 NA   
## 656 32 Resistant 0.03 NA   
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## 660 8 Intermediate <=0.015 NA   
## 661 8 Intermediate 0.03 NA   
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## 677 >128 Resistant 1 NA   
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## 691 64 Resistant 0.12 NA   
## 692 64 Resistant 0.06 NA   
## 693 32 Resistant 0.03 NA   
## 694 128 Resistant 0.12 NA   
## 695 64 Resistant 0.06 NA   
## 696 32 Resistant 0.06 NA   
## 697 32 Resistant 0.06 NA   
## 698 32 Resistant 0.12 NA   
## 699 32 Resistant 0.06 NA   
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## 701 64 Resistant 0.06 NA   
## 702 16 Resistant 0.5 NA   
## 703 64 Resistant 0.06 NA   
## 704 128 Resistant 0.12 NA   
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## 706 8 Intermediate 0.03 NA   
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## 708 8 Intermediate 0.03 NA   
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## 710 128 Resistant 0.25 NA   
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## 715 128 Resistant 0.12 NA   
## 716 128 Resistant 0.25 NA   
## 717 32 Resistant 0.03 NA   
## 718 64 Resistant 0.06 NA   
## 719 4 Susceptible 0.06 NA   
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## 722 32 Resistant 0.03 NA   
## 723 64 Resistant 0.06 NA   
## 724 64 Resistant 0.06 NA   
## 725 64 Resistant 0.06 NA   
## 726 16 Resistant 4 NA   
## 727 128 Resistant 0.12 NA   
## 728 64 Resistant 0.06 NA   
## 729 128 Resistant 0.25 NA   
## 730 128 Resistant 0.25 NA   
## 731 128 Resistant 0.25 NA   
## 732 128 Resistant 0.25 NA   
## 733 128 Resistant 0.12 NA   
## 734 128 Resistant 0.25 NA   
## 735 128 Resistant 0.25 NA   
## 736 128 Resistant 0.12 NA   
## 737 128 Resistant 0.12 NA   
## 738 8 Intermediate 0.03 NA   
## 739 8 Intermediate 0.06 NA   
## 740 2 Susceptible 0.03 NA   
## Ceftaroline Ceftaroline\_I Ceftaroline.avibactam Ceftaroline.avibactam\_I Ceftazidime.avibactam  
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## 2 >128 Resistant 0.06 NA 0.25  
## 3 >128 Resistant 0.03 NA 0.06  
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## 23 >128 Resistant 0.06 NA 0.5  
## 24 >128 Resistant 0.12 NA 0.12  
## 25 >128 Resistant 0.06 NA 0.12  
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## 27 128 Resistant 32 NA 0.5  
## 28 64 Resistant 16 NA 0.5  
## 29 128 Resistant 1 NA 4  
## 30 >128 Resistant 1 NA 4  
## 31 >128 Resistant 0.25 NA 1  
## 32 >128 Resistant 0.12 NA 0.5  
## 33 >128 Resistant 0.25 NA 1  
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## 35 >128 Resistant 0.25 NA 0.12  
## 36 >128 Resistant 32 NA 64  
## 37 >128 Resistant 0.25 NA 1  
## 38 >128 Resistant 0.12 NA 0.25  
## 39 16 Resistant 0.12 NA 0.5  
## 40 >128 Resistant 0.06 NA 0.12  
## 41 >128 Resistant 0.06 NA 0.12  
## 42 >128 Resistant 0.06 NA 0.25  
## 43 >128 Resistant 128 NA >128  
## 44 >128 Resistant 0.12 NA 0.25  
## 45 >128 Resistant 0.12 NA 0.25  
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## 47 >128 Resistant 0.06 NA 0.5  
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## 53 >128 Resistant 0.06 NA 0.25  
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## 55 >128 Resistant 0.06 NA 0.5  
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## 57 >128 Resistant 0.03 NA 0.12  
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## 83 128 Resistant 0.5 NA 0.5  
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## 87 >128 Resistant 0.12 NA 0.25  
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## 96 >128 Resistant 0.03 NA 0.12  
## 97 8 Resistant 0.03 NA 0.12  
## 98 >128 Resistant 2 NA 1  
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## 104 >128 Resistant 0.25 NA 0.5  
## 105 32 Resistant 0.03 NA 0.12  
## 106 >128 Resistant 0.03 NA 0.03  
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## 108 >128 Resistant 0.12 NA 0.5  
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## 112 >128 Resistant 0.03 NA 0.12  
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## 114 >128 Resistant 0.03 NA 0.12  
## 115 >128 Resistant 0.12 NA 0.25  
## 116 >128 Resistant <=0.008 NA 0.06  
## 117 >128 Resistant 0.12 NA 0.25  
## 118 >128 Resistant 0.06 NA 0.12  
## 119 >128 Resistant 0.12 NA 0.25  
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## 124 >128 Resistant 0.12 NA 0.25  
## 125 >128 Resistant 0.03 NA 0.25  
## 126 >128 Resistant 0.03 NA 0.25  
## 127 >128 Resistant 0.12 NA <=0.015  
## 128 >128 Resistant 16 NA >128  
## 129 64 Resistant 2 NA 2  
## 130 >128 Resistant 0.25 NA 0.12  
## 131 >128 Resistant 0.06 NA 0.12  
## 132 >128 Resistant 0.12 NA 0.25  
## 133 >128 Resistant 0.015 NA 0.06  
## 134 >128 Resistant 0.06 NA 0.06  
## 135 >128 Resistant 0.03 NA 0.06  
## 136 >128 Resistant 0.06 NA 0.12  
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## 141 >128 Resistant 0.06 NA 0.03  
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## 143 >128 Resistant 0.06 NA 0.12  
## 144 >128 Resistant 0.06 NA 0.25  
## 145 64 Resistant 4 NA 0.25  
## 146 >128 Resistant 0.12 NA 0.12  
## 147 >128 Resistant 0.03 NA 0.06  
## 148 >128 Resistant 0.06 NA 0.12  
## 149 >128 Resistant 0.06 NA 0.25  
## 150 32 Resistant 0.06 NA 0.12  
## 151 >128 Resistant 0.06 NA 0.12  
## 152 >128 Resistant 0.25 NA 0.5  
## 153 32 Resistant 0.06 NA 0.25  
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## 159 128 Resistant 0.03 NA 0.12  
## 160 128 Resistant 0.03 NA 0.25  
## 161 >128 Resistant 0.015 NA 0.12  
## 162 128 Resistant 0.015 NA 0.12  
## 163 128 Resistant 0.06 NA 0.12  
## 164 128 Resistant 0.25 NA 0.5  
## 165 >128 Resistant 0.06 NA 0.12  
## 166 >128 Resistant 0.06 NA 0.5  
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## 168 >128 Resistant 0.12 NA 0.5  
## 169 64 Resistant 0.06 NA 0.12  
## 170 64 Resistant 0.03 NA 0.06  
## 171 >128 Resistant 1 NA 0.5  
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## 175 >128 Resistant 0.12 NA 0.12  
## 176 128 Resistant 0.06 NA 0.5  
## 177 128 Resistant 0.12 NA 0.25  
## 178 64 Resistant 0.12 NA 1  
## 179 4 Resistant 0.03 NA 0.12  
## 180 8 Resistant 0.06 NA 0.25  
## 181 128 Resistant <=0.008 NA 0.12  
## 182 64 Resistant 0.06 NA 0.12  
## 183 >128 Resistant 0.03 NA 0.12  
## 184 >128 >128 NA >128  
## 185 >128 32 NA 64  
## 186 64 Resistant 32 NA >128  
## 187 128 Resistant 0.25 NA 0.25  
## 188 2 Resistant 0.06 NA 0.12  
## 189 2 Resistant 0.12 NA 0.25  
## 190 >128 Resistant 0.12 NA 0.25  
## 191 64 Resistant 0.25 NA 0.5  
## 192 >128 Resistant <=0.008 NA 0.03  
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## 560 >128 Resistant NA 2  
## 561 >128 Resistant NA >128  
## 562 NA   
## 563 >8 Resistant NA 0.25  
## 564 >8 Resistant NA 0.25  
## 565 >8 Resistant NA 0.25  
## 566 >8 Resistant NA 0.25  
## 567 >8 Resistant NA 0.25  
## 568 >8 Resistant NA 0.25  
## 569 >8 Resistant NA 0.25  
## 570 >8 Resistant NA 0.25  
## 571 >8 Resistant NA 0.25  
## 572 >8 Resistant NA 0.25  
## 573 >8 Resistant NA 0.25  
## 574 >8 Resistant NA 0.25  
## 575 >8 Resistant NA 0.5  
## 576 >8 Resistant NA 0.25  
## 577 >8 Resistant NA 0.25  
## 578 >8 Resistant NA 0.12  
## 579 >8 Resistant NA 0.25  
## 580 >8 Resistant NA 0.25  
## 581 >8 Resistant NA 0.12  
## 582 >8 Resistant NA 0.25  
## 583 >8 Resistant NA 0.25  
## 584 8 Resistant NA 0.25  
## 585 >8 Resistant NA 0.25  
## 586 >8 Resistant NA 0.5  
## 587 >8 Resistant NA 0.25  
## 588 >8 Resistant NA 0.12  
## 589 >8 Resistant NA 0.5  
## 590 >8 Resistant NA 0.5  
## 591 >8 Resistant NA 0.12  
## 592 >8 Resistant NA 0.12  
## 593 >8 Resistant NA 0.12  
## 594 >8 Resistant NA 0.5  
## 595 >8 Resistant NA 0.12  
## 596 >8 Resistant NA >128  
## 597 >8 Resistant NA 0.5  
## 598 >8 Resistant NA >128  
## 599 >8 Resistant NA 0.12  
## 600 >8 Resistant NA 0.25  
## 601 >8 Resistant NA 0.25  
## 602 >8 Resistant NA >128  
## 603 >8 Resistant NA 0.12  
## 604 >8 Resistant NA 0.5  
## 605 >8 Resistant NA 0.5  
## 606 >8 Resistant NA 0.25  
## 607 >8 Resistant NA 0.25  
## 608 >8 Resistant NA 0.25  
## 609 >8 Resistant NA >128  
## 610 >8 Resistant NA 0.25  
## 611 >8 Resistant NA 0.25  
## 612 >8 Resistant NA 0.25  
## 613 >8 Resistant NA 0.12  
## 614 >8 Resistant NA 0.25  
## 615 >8 Resistant NA 2  
## 616 >8 Resistant NA 0.25  
## 617 >8 Resistant NA >128  
## 618 >8 Resistant NA 1  
## 619 >8 Resistant NA >128  
## 620 >8 Resistant NA 0.25  
## 621 >8 Resistant NA 1  
## 622 >8 Resistant NA 0.25  
## 623 >8 Resistant NA 0.12  
## 624 >8 Resistant NA 0.25  
## 625 >8 Resistant NA 0.25  
## 626 >8 Resistant NA 0.25  
## 627 >8 Resistant NA 0.25  
## 628 >8 Resistant NA 0.12  
## 629 >8 Resistant NA 0.25  
## 630 >8 Resistant NA 2  
## 631 >8 Resistant NA >128  
## 632 >8 Resistant NA 0.25  
## 633 >8 Resistant NA >128  
## 634 >8 Resistant NA >128  
## 635 >8 Resistant NA 0.25  
## 636 >8 Resistant NA 0.12  
## 637 >8 Resistant NA 0.25  
## 638 >8 Resistant NA >128  
## 639 >8 Resistant NA 0.12  
## 640 >8 Resistant NA 0.5  
## 641 >8 Resistant NA 0.06  
## 642 >8 Resistant NA 0.12  
## 643 >8 Resistant NA >128  
## 644 >8 Resistant NA 0.5  
## 645 >8 Resistant NA 0.25  
## 646 >8 Resistant NA 0.5  
## 647 >8 Resistant NA 0.5  
## 648 >8 Resistant NA 0.25  
## 649 >8 Resistant NA 2  
## 650 >8 Resistant NA 1  
## 651 >8 Resistant NA 4  
## 652 >8 Resistant NA 0.25  
## 653 >8 Resistant NA 0.12  
## 654 >8 Resistant NA <=0.015  
## 655 >8 Resistant NA 1  
## 656 >8 Resistant NA 0.12  
## 657 >8 Resistant NA 0.12  
## 658 >8 Resistant NA 2  
## 659 >8 Resistant NA 0.12  
## 660 >8 Resistant NA 0.12  
## 661 >8 Resistant NA 0.12  
## 662 >8 Resistant NA 0.25  
## 663 >8 Resistant NA 2  
## 664 >8 Resistant NA 0.25  
## 665 >8 Resistant NA 4  
## 666 >8 Resistant NA 1  
## 667 >8 Resistant NA 1  
## 668 >8 Resistant NA 0.25  
## 669 >8 Resistant NA 0.25  
## 670 >8 Resistant NA 0.25  
## 671 >8 Resistant NA 0.5  
## 672 >8 Resistant NA 0.5  
## 673 >8 Resistant NA >128  
## 674 >8 Resistant NA 0.25  
## 675 >8 Resistant NA 0.25  
## 676 >8 Resistant NA 2  
## 677 >8 Resistant NA 1  
## 678 >8 Resistant NA 0.25  
## 679 >8 Resistant NA 0.25  
## 680 >8 Resistant NA 0.25  
## 681 >8 Resistant NA >128  
## 682 >8 Resistant NA 0.5  
## 683 >8 Resistant NA 0.5  
## 684 >8 Resistant NA 0.12  
## 685 >8 Resistant NA 0.25  
## 686 >8 Resistant NA 0.06  
## 687 >8 Resistant NA 0.25  
## 688 >8 Resistant NA 0.06  
## 689 >8 Resistant NA 0.25  
## 690 >8 Resistant NA 0.5  
## 691 >8 Resistant NA 0.25  
## 692 >8 Resistant NA 0.25  
## 693 >8 Resistant NA 0.12  
## 694 >8 Resistant NA >128  
## 695 >8 Resistant NA 0.5  
## 696 >8 Resistant NA 0.25  
## 697 >8 Resistant NA 0.25  
## 698 >8 Resistant NA 0.5  
## 699 >8 Resistant NA 0.12  
## 700 >8 Resistant NA 0.5  
## 701 >8 Resistant NA 0.25  
## 702 >8 Resistant NA 1  
## 703 >8 Resistant NA 0.25  
## 704 >8 Resistant NA 0.5  
## 705 >8 Resistant NA 0.06  
## 706 >8 Resistant NA 0.12  
## 707 >8 Resistant NA 1  
## 708 >8 Resistant NA 0.12  
## 709 >8 Resistant NA 0.5  
## 710 >8 Resistant NA 1  
## 711 >8 Resistant NA 0.12  
## 712 >8 Resistant NA 0.25  
## 713 >8 Resistant NA 0.25  
## 714 >8 Resistant NA 0.5  
## 715 >8 Resistant NA 0.5  
## 716 >8 Resistant NA 0.5  
## 717 >8 Resistant NA >128  
## 718 >8 Resistant NA 0.5  
## 719 >8 Resistant NA 0.12  
## 720 >8 Resistant NA 0.12  
## 721 >8 Resistant NA 0.25  
## 722 >8 Resistant NA 0.12  
## 723 >8 Resistant NA 0.25  
## 724 >8 Resistant NA 0.5  
## 725 >8 Resistant NA 0.25  
## 726 >8 Resistant NA 0.25  
## 727 >8 Resistant NA 0.5  
## 728 >8 Resistant NA >128  
## 729 >8 Resistant NA 0.5  
## 730 >8 Resistant NA 0.5  
## 731 >8 Resistant NA 1  
## 732 >8 Resistant NA 0.5  
## 733 >8 Resistant NA 0.5  
## 734 >8 Resistant NA 0.5  
## 735 >8 Resistant NA 1  
## 736 >8 Resistant NA 1  
## 737 >8 Resistant NA 1  
## 738 >8 Resistant NA 0.12  
## 739 >8 Resistant NA 0.12  
## 740 >8 Resistant NA 0.12  
## Ceftazidime.avibactam\_I Ciprofloxacin Ciprofloxacin\_I Colistin Colistin\_I Daptomycin  
## 1 Susceptible   
## 2 Susceptible   
## 3 Susceptible   
## 4 Susceptible   
## 5 Susceptible   
## 6 Susceptible   
## 7 Susceptible   
## 8 Susceptible   
## 9 Susceptible   
## 10 Susceptible   
## 11 Susceptible   
## 12 Susceptible   
## 13 Susceptible   
## 14 Susceptible   
## 15 Susceptible   
## 16 Susceptible   
## 17 Susceptible   
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## 24 Susceptible   
## 25 Susceptible   
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## 27 Susceptible   
## 28 Susceptible   
## 29 Susceptible   
## 30 Susceptible   
## 31 Susceptible   
## 32 Susceptible   
## 33 Susceptible   
## 34 Susceptible   
## 35 Susceptible   
## 36 Resistant   
## 37 Susceptible   
## 38 Susceptible   
## 39 Susceptible   
## 40 Susceptible   
## 41 Susceptible   
## 42 Susceptible   
## 43 Resistant   
## 44 Susceptible   
## 45 Susceptible   
## 46 Susceptible   
## 47 Susceptible   
## 48 Susceptible   
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## 75 Susceptible   
## 76 Susceptible   
## 77 Susceptible   
## 78 Susceptible   
## 79 Resistant   
## 80 Susceptible   
## 81 Resistant   
## 82 Susceptible   
## 83 Susceptible   
## 84 Susceptible   
## 85 Susceptible   
## 86 Susceptible   
## 87 Susceptible   
## 88 Susceptible   
## 89 Susceptible   
## 90 Susceptible   
## 91 Susceptible   
## 92 Susceptible   
## 93 Susceptible   
## 94 Susceptible   
## 95 Susceptible   
## 96 Susceptible 0.5 Intermediate   
## 97 Susceptible 1 Intermediate   
## 98 Susceptible 0.5 Intermediate   
## 99 Susceptible 1 Intermediate   
## 100 Susceptible 1 Intermediate   
## 101 Susceptible 1 Intermediate   
## 102 Susceptible 1 Intermediate   
## 103 Susceptible 1 Intermediate   
## 104 Susceptible 0.5 Intermediate   
## 105 Susceptible 1 Intermediate   
## 106 Susceptible 1 Intermediate   
## 107 Susceptible 1 Intermediate   
## 108 Susceptible 0.5 Intermediate   
## 109 Susceptible 1 Intermediate   
## 110 Susceptible 1 Intermediate   
## 111 Susceptible 0.5 Intermediate   
## 112 Susceptible 0.5 Intermediate   
## 113 Susceptible 0.5 Intermediate   
## 114 Susceptible 1 Intermediate   
## 115 Susceptible 2 Intermediate   
## 116 Susceptible 1 Intermediate   
## 117 Susceptible 1 Intermediate   
## 118 Susceptible 1 Intermediate   
## 119 Susceptible 1 Intermediate   
## 120 Susceptible 2 Intermediate   
## 121 Susceptible 1 Intermediate   
## 122 Susceptible 2 Intermediate   
## 123 Susceptible 1 Intermediate   
## 124 Susceptible 1 Intermediate   
## 125 Susceptible 0.5 Intermediate   
## 126 Susceptible 0.5 Intermediate   
## 127 Susceptible >4 Resistant   
## 128 Resistant 0.5 Intermediate   
## 129 Susceptible >4 Resistant   
## 130 Susceptible 1 Intermediate   
## 131 Susceptible 1 Intermediate   
## 132 Susceptible 1 Intermediate   
## 133 Susceptible 0.5 Intermediate   
## 134 Susceptible 0.5 Intermediate   
## 135 Susceptible 0.5 Intermediate   
## 136 Susceptible 2 Intermediate   
## 137 Susceptible 0.5 Intermediate   
## 138 Susceptible 0.5 Intermediate   
## 139 Susceptible 1 Intermediate   
## 140 Susceptible 1 Intermediate   
## 141 Susceptible >4 Resistant   
## 142 Susceptible 2 Intermediate   
## 143 Susceptible 1 Intermediate   
## 144 Susceptible 2 Intermediate   
## 145 Susceptible 1 Intermediate   
## 146 Susceptible 1 Intermediate   
## 147 Susceptible 0.5 Intermediate   
## 148 Susceptible 0.5 Intermediate   
## 149 Susceptible 1 Intermediate   
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## 154 Susceptible 1 Intermediate   
## 155 Susceptible 0.5 Intermediate   
## 156 Susceptible 0.5 Intermediate   
## 157 Susceptible 0.25 Intermediate   
## 158 Susceptible 0.25 Intermediate   
## 159 Susceptible 0.25 Intermediate   
## 160 Susceptible 0.25 Intermediate   
## 161 Susceptible 0.25 Intermediate   
## 162 Susceptible 2 Intermediate   
## 163 Susceptible 0.25 Intermediate   
## 164 Susceptible 0.5 Intermediate   
## 165 Susceptible 0.5 Intermediate   
## 166 Susceptible 0.5 Intermediate   
## 167 Resistant 0.5 Intermediate   
## 168 Susceptible 0.5 Intermediate   
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## 180 Susceptible 0.25 Intermediate   
## 181 Susceptible 0.5 Intermediate   
## 182 Susceptible 0.5 Intermediate   
## 183 Susceptible 0.25 Intermediate   
## 184 Resistant 2 Intermediate   
## 185 Resistant 2 Intermediate   
## 186 Resistant 0.5 Intermediate   
## 187 Susceptible 0.5 Intermediate   
## 188 Susceptible 1 Intermediate   
## 189 Susceptible 1 Intermediate   
## 190 Susceptible 1 Intermediate   
## 191 Susceptible >4 Resistant   
## 192 Susceptible 0.5 Intermediate   
## 193 Susceptible 1 Intermediate   
## 194 Susceptible 0.5 Intermediate   
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## 196 Susceptible 0.5 Intermediate   
## 197 Susceptible 0.5 Intermediate   
## 198 Susceptible 0.5 Intermediate   
## 199 Susceptible 1 Intermediate   
## 200 Susceptible 1 Intermediate   
## 201 Susceptible 1 Intermediate   
## 202 Susceptible 4 Resistant   
## 203 Susceptible 1 Intermediate   
## 204 Resistant 2 Intermediate   
## 205 Susceptible >4 Resistant   
## 206 Susceptible 2 Intermediate   
## 207 Susceptible 0.5 Intermediate   
## 208 Susceptible 1 Intermediate   
## 209 Susceptible 1 Intermediate   
## 210 Susceptible 1 Intermediate   
## 211 Susceptible 0.5 Intermediate   
## 212 Susceptible 0.5 Intermediate   
## 213 Susceptible 0.5 Intermediate   
## 214 Susceptible 0.5 Intermediate   
## 215 Susceptible >4 Resistant   
## 216 Susceptible 0.5 Intermediate   
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## 218 Susceptible >4 Resistant   
## 219 Susceptible 0.5 Intermediate   
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## 224 Susceptible 0.5 Intermediate   
## 225 Susceptible 1 Intermediate   
## 226 Susceptible 1 Intermediate   
## 227 Susceptible 0.5 Intermediate   
## 228 Susceptible 0.5 Intermediate   
## 229 Resistant 1 Intermediate   
## 230 Susceptible 0.5 Intermediate   
## 231 Resistant >4 Resistant   
## 232 Susceptible 0.5 Intermediate   
## 233 Susceptible 0.5 Intermediate   
## 234 Susceptible 1 Intermediate   
## 235 Susceptible 0.5 Intermediate   
## 236 Susceptible 0.5 Intermediate   
## 237 Susceptible 0.5 Intermediate   
## 238 Susceptible 0.5 Intermediate   
## 239 Susceptible 4 Resistant   
## 240 Susceptible 0.5 Intermediate   
## 241 Susceptible 1 Intermediate   
## 242 Susceptible 0.5 Intermediate   
## 243 Susceptible 0.5 Intermediate   
## 244 Susceptible 0.5 Intermediate   
## 245 Susceptible 1 Intermediate   
## 246 Susceptible 1 Intermediate   
## 247 Resistant 1 Intermediate   
## 248 Susceptible 1 Intermediate   
## 249 Susceptible >4 Resistant   
## 250 Susceptible >4 Resistant   
## 251 Susceptible 1 Intermediate   
## 252 Susceptible 1 Intermediate   
## 253 Susceptible 1 Intermediate   
## 254 Susceptible 1 Intermediate   
## 255 Susceptible 1 Intermediate   
## 256 Susceptible 1 Intermediate   
## 257 Resistant 1 Intermediate   
## 258 Susceptible 0.5 Intermediate   
## 259 Susceptible 1 Intermediate   
## 260 Susceptible >4 Resistant   
## 261 Resistant >4 Resistant   
## 262 Susceptible 1 Intermediate   
## 263 Susceptible >4 Resistant   
## 264 Susceptible 1 Intermediate   
## 265 Susceptible 1 Intermediate   
## 266 Susceptible 0.5 Intermediate   
## 267 Susceptible 1 Intermediate   
## 268 Susceptible >4 Resistant   
## 269 Resistant 1 Intermediate   
## 270 Susceptible 1 Intermediate   
## 271 Susceptible 2 Intermediate   
## 272 Resistant 1 Intermediate   
## 273 Susceptible 1 Intermediate   
## 274 Susceptible 0.5 Intermediate   
## 275 Resistant 1 Intermediate   
## 276 Susceptible 1 Intermediate   
## 277 Susceptible 1 Intermediate   
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## 279 Susceptible 1 Intermediate   
## 280 Susceptible 1 Intermediate   
## 281 Susceptible 1 Intermediate   
## 282 Susceptible 1 Intermediate   
## 283 Susceptible 1 Intermediate   
## 284 Susceptible 2 Intermediate   
## 285 Susceptible 1 Intermediate   
## 286 Susceptible 1 Intermediate   
## 287 Susceptible 1 Intermediate   
## 288 Susceptible 1 Intermediate   
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## 297 Susceptible 1 Intermediate   
## 298 Susceptible 1 Intermediate   
## 299 Susceptible 1 Intermediate   
## 300 Susceptible 1 Intermediate   
## 301 Susceptible 1 Intermediate   
## 302 Susceptible 1 Intermediate   
## 303 Susceptible 1 Intermediate   
## 304 Resistant 2 Intermediate   
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## 306 Susceptible 0.25 Intermediate   
## 307 Susceptible 0.5 Intermediate   
## 308 Susceptible 0.5 Intermediate   
## 309 Susceptible 0.5 Intermediate   
## 310 Susceptible 0.5 Intermediate   
## 311 Susceptible 1 Intermediate   
## 312 Susceptible 1 Intermediate   
## 313 Susceptible 0.25 Intermediate   
## 314 Susceptible 0.25 Intermediate   
## 315 Susceptible 1 Intermediate   
## 316 Susceptible 1 Intermediate   
## 317 Susceptible 0.5 Intermediate   
## 318 Susceptible 0.5 Intermediate   
## 319 Resistant 0.25 Intermediate   
## 320 Resistant 0.5 Intermediate   
## 321 Resistant 0.5 Intermediate   
## 322 Susceptible 1 Intermediate   
## 323 Susceptible 0.5 Intermediate   
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## 326 Susceptible 0.25 Intermediate   
## 327 Susceptible 0.5 Intermediate   
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## 331 Susceptible 0.5 Intermediate   
## 332 Susceptible 0.25 Intermediate   
## 333 Susceptible 1 Intermediate   
## 334 Susceptible 0.5 Intermediate   
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## 342 Susceptible 0.5 Intermediate   
## 343 Susceptible 0.5 Intermediate   
## 344 Resistant 0.25 Intermediate   
## 345 Susceptible 0.25 Intermediate   
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## 356 Susceptible 0.25 Intermediate   
## 357 Susceptible 0.25 Intermediate   
## 358 Susceptible 1 Intermediate   
## 359 Susceptible >8 Resistant   
## 360 Susceptible 0.25 Intermediate   
## 361 Susceptible 0.5 Intermediate   
## 362 Susceptible 0.5 Intermediate   
## 363 Susceptible 0.25 Intermediate   
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## 385 Susceptible 0.25 Intermediate   
## 386 Susceptible 0.12 Intermediate   
## 387 Susceptible 0.12 Intermediate   
## 388 Susceptible 0.25 Intermediate   
## 389 Resistant 0.25 Intermediate   
## 390 Susceptible 0.25 Intermediate   
## 391 Susceptible 0.25 Intermediate   
## 392 Susceptible 0.25 Intermediate   
## 393 Susceptible 2 Intermediate   
## 394 Susceptible 0.25 Intermediate   
## 395 Susceptible 2 Intermediate   
## 396 Susceptible 0.25 Intermediate   
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## 399 Susceptible 0.5 Intermediate   
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## 403 Susceptible 0.25 Intermediate   
## 404 Susceptible 0.25 Intermediate   
## 405 Resistant 0.25 Intermediate   
## 406 Resistant 0.5 Intermediate   
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## 409 Susceptible 0.25 Intermediate   
## 410 Susceptible 0.5 Intermediate   
## 411 Susceptible 0.25 Intermediate   
## 412 Susceptible 0.25 Intermediate   
## 413 Susceptible >8 Resistant   
## 414 Susceptible >8 Resistant   
## 415 Susceptible 0.12 Intermediate   
## 416 Susceptible 1 Intermediate   
## 417 Susceptible 0.5 Intermediate   
## 418 Susceptible 0.25 Intermediate   
## 419 Susceptible 0.5 Intermediate   
## 420 Susceptible 0.25 Intermediate   
## 421 Susceptible 0.5 Intermediate   
## 422 Susceptible 0.12 Intermediate   
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## 425 Susceptible 0.12 Intermediate   
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## 433 Susceptible 0.25 Intermediate   
## 434 Susceptible 0.12 Intermediate   
## 435 Susceptible 0.25 Intermediate   
## 436 Susceptible 0.25 Intermediate   
## 437 Susceptible 1 Intermediate   
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## 456 Susceptible 1 Intermediate   
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## 466 Susceptible 0.5 Intermediate   
## 467 Susceptible 0.25 Intermediate   
## 468 Resistant 0.25 Intermediate   
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## 475 Susceptible 0.12 Intermediate   
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## 490 Susceptible 0.25 Intermediate   
## 491 Susceptible 0.25 Intermediate   
## 492 Susceptible 0.25 Intermediate   
## 493 Susceptible 0.5 Intermediate   
## 494 Susceptible <=0.06 Intermediate   
## 495 Resistant 0.25 Intermediate   
## 496 Susceptible 0.25 Intermediate   
## 497 Susceptible 0.25 Intermediate   
## 498 Susceptible 0.25 Intermediate   
## 499 Susceptible 0.12 Intermediate   
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## 516 Susceptible 0.5 Intermediate   
## 517 Resistant 0.25 Intermediate   
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## 531 Susceptible 0.25 Intermediate   
## 532 Susceptible 2 Intermediate   
## 533 Susceptible 0.25 Intermediate   
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## 541 Susceptible 0.5 Intermediate   
## 542 Susceptible 0.25 Intermediate   
## 543 Susceptible 2 Intermediate   
## 544 Susceptible 0.25 Intermediate   
## 545 Susceptible 0.25 Intermediate   
## 546 Susceptible 0.25 Intermediate   
## 547 Susceptible 0.25 Intermediate   
## 548 Susceptible 0.25 Intermediate   
## 549 Susceptible 0.25 Intermediate   
## 550 Susceptible 1 Intermediate   
## 551 Susceptible 0.25 Intermediate   
## 552 Susceptible 0.25 Intermediate   
## 553 Susceptible 0.25 Intermediate   
## 554 Susceptible 0.25 Intermediate   
## 555 Susceptible 0.25 Intermediate   
## 556 Susceptible 0.25 Intermediate   
## 557 Susceptible 0.25 Intermediate   
## 558 Susceptible 0.25 Intermediate   
## 559 Susceptible 0.25 Intermediate   
## 560 Susceptible 0.5 Intermediate   
## 561 Resistant >8 Resistant   
## 562   
## 563 Susceptible >4 Resistant 0.25 Intermediate   
## 564 Susceptible >4 Resistant 0.25 Intermediate   
## 565 Susceptible >4 Resistant 0.12 Intermediate   
## 566 Susceptible >4 Resistant 0.5 Intermediate   
## 567 Susceptible >4 Resistant 0.25 Intermediate   
## 568 Susceptible >4 Resistant 0.25 Intermediate   
## 569 Susceptible 0.5 Intermediate 0.5 Intermediate   
## 570 Susceptible 4 Resistant 0.5 Intermediate   
## 571 Susceptible >4 Resistant 0.25 Intermediate   
## 572 Susceptible >4 Resistant 0.25 Intermediate   
## 573 Susceptible 2 Resistant 0.5 Intermediate   
## 574 Susceptible 1 Resistant 0.5 Intermediate   
## 575 Susceptible 4 Resistant 0.5 Intermediate   
## 576 Susceptible 4 Resistant 0.5 Intermediate   
## 577 Susceptible <=0.12 Susceptible 0.25 Intermediate   
## 578 Susceptible 2 Resistant 0.25 Intermediate   
## 579 Susceptible <=0.12 Susceptible 0.5 Intermediate   
## 580 Susceptible >4 Resistant 0.5 Intermediate   
## 581 Susceptible >4 Resistant 0.5 Intermediate   
## 582 Susceptible >4 Resistant 0.25 Intermediate   
## 583 Susceptible >4 Resistant 0.5 Intermediate   
## 584 Susceptible >4 Resistant 0.5 Intermediate   
## 585 Susceptible 0.5 Intermediate 0.5 Intermediate   
## 586 Susceptible 4 Resistant 0.5 Intermediate   
## 587 Susceptible <=0.12 Susceptible 1 Intermediate   
## 588 Susceptible 0.5 Intermediate 0.5 Intermediate   
## 589 Susceptible >4 Resistant 1 Intermediate   
## 590 Susceptible <=0.12 Susceptible 1 Intermediate   
## 591 Susceptible >4 Resistant 0.5 Intermediate   
## 592 Susceptible 2 Resistant 1 Intermediate   
## 593 Susceptible 2 Resistant 0.5 Intermediate   
## 594 Susceptible >4 Resistant 1 Intermediate   
## 595 Susceptible 1 Resistant 0.5 Intermediate   
## 596 Resistant >4 Resistant 1 Intermediate   
## 597 Susceptible >4 Resistant 0.5 Intermediate   
## 598 Resistant >4 Resistant 0.5 Intermediate   
## 599 Susceptible <=0.12 Susceptible 0.5 Intermediate   
## 600 Susceptible >4 Resistant 0.25 Intermediate   
## 601 Susceptible 1 Resistant 1 Intermediate   
## 602 Resistant >4 Resistant 1 Intermediate   
## 603 Susceptible >4 Resistant 0.5 Intermediate   
## 604 Susceptible >4 Resistant 0.5 Intermediate   
## 605 Susceptible 1 Resistant 2 Intermediate   
## 606 Susceptible >4 Resistant 1 Intermediate   
## 607 Susceptible >4 Resistant 0.5 Intermediate   
## 608 Susceptible 1 Resistant 0.25 Intermediate   
## 609 Resistant >4 Resistant 0.5 Intermediate   
## 610 Susceptible >4 Resistant 0.12 Intermediate   
## 611 Susceptible >4 Resistant 0.5 Intermediate   
## 612 Susceptible >4 Resistant 0.25 Intermediate   
## 613 Susceptible >4 Resistant 0.5 Intermediate   
## 614 Susceptible >4 Resistant 0.5 Intermediate   
## 615 Susceptible >4 Resistant <=0.06 Intermediate   
## 616 Susceptible >4 Resistant 0.5 Intermediate   
## 617 Resistant >4 Resistant 0.25 Intermediate   
## 618 Susceptible >4 Resistant 0.12 Intermediate   
## 619 Resistant >4 Resistant 0.5 Intermediate   
## 620 Susceptible >4 Resistant 0.5 Intermediate   
## 621 Susceptible >4 Resistant 0.5 Intermediate   
## 622 Susceptible >4 Resistant 0.5 Intermediate   
## 623 Susceptible >4 Resistant 0.25 Intermediate   
## 624 Susceptible 1 Resistant 1 Intermediate   
## 625 Susceptible >4 Resistant 0.5 Intermediate   
## 626 Susceptible >4 Resistant 0.25 Intermediate   
## 627 Susceptible 1 Resistant 0.5 Intermediate   
## 628 Susceptible >4 Resistant 0.5 Intermediate   
## 629 Susceptible 0.5 Intermediate 0.5 Intermediate   
## 630 Susceptible >4 Resistant <=0.06 Intermediate   
## 631 Resistant 4 Resistant <=0.06 Intermediate   
## 632 Susceptible >4 Resistant <=0.06 Intermediate   
## 633 Resistant 4 Resistant 0.25 Intermediate   
## 634 Resistant 4 Resistant 1 Intermediate   
## 635 Susceptible 2 Resistant 0.5 Intermediate   
## 636 Susceptible >4 Resistant 0.5 Intermediate   
## 637 Susceptible >4 Resistant <=0.06 Intermediate   
## 638 Resistant >4 Resistant 0.25 Intermediate   
## 639 Susceptible 2 Resistant 0.5 Intermediate   
## 640 Susceptible 4 Resistant 0.5 Intermediate   
## 641 Susceptible 0.25 Susceptible 0.25 Intermediate   
## 642 Susceptible >4 Resistant 0.25 Intermediate   
## 643 Resistant >4 Resistant 0.5 Intermediate   
## 644 Susceptible 4 Resistant 0.5 Intermediate   
## 645 Susceptible 4 Resistant 0.5 Intermediate   
## 646 Susceptible >4 Resistant 0.5 Intermediate   
## 647 Susceptible 2 Resistant 0.25 Intermediate   
## 648 Susceptible 2 Resistant 0.5 Intermediate   
## 649 Susceptible >4 Resistant 0.12 Intermediate   
## 650 Susceptible >4 Resistant 0.25 Intermediate   
## 651 Susceptible >4 Resistant 0.5 Intermediate   
## 652 Susceptible 1 Resistant 0.5 Intermediate   
## 653 Susceptible 2 Resistant 0.5 Intermediate   
## 654 Susceptible >4 Resistant 0.25 Intermediate   
## 655 Susceptible >4 Resistant 0.25 Intermediate   
## 656 Susceptible 0.5 Intermediate 0.5 Intermediate   
## 657 Susceptible >4 Resistant 0.5 Intermediate   
## 658 Susceptible >4 Resistant 0.25 Intermediate   
## 659 Susceptible 2 Resistant 0.25 Intermediate   
## 660 Susceptible 1 Resistant 0.12 Intermediate   
## 661 Susceptible 2 Resistant 0.25 Intermediate   
## 662 Susceptible >4 Resistant 0.5 Intermediate   
## 663 Susceptible >4 Resistant 0.12 Intermediate   
## 664 Susceptible 2 Resistant 0.5 Intermediate   
## 665 Susceptible >4 Resistant 0.25 Intermediate   
## 666 Susceptible >4 Resistant 0.25 Intermediate   
## 667 Susceptible >4 Resistant 1 Intermediate   
## 668 Susceptible 0.25 Susceptible 0.5 Intermediate   
## 669 Susceptible >4 Resistant 0.5 Intermediate   
## 670 Susceptible >4 Resistant 0.5 Intermediate   
## 671 Susceptible >4 Resistant 0.5 Intermediate   
## 672 Susceptible <=0.12 Susceptible 0.25 Intermediate   
## 673 Resistant <=0.12 Susceptible 0.25 Intermediate   
## 674 Susceptible 1 Resistant 1 Intermediate   
## 675 Susceptible 2 Resistant 0.5 Intermediate   
## 676 Susceptible >4 Resistant 0.5 Intermediate   
## 677 Susceptible >4 Resistant 0.25 Intermediate   
## 678 Susceptible >4 Resistant 0.5 Intermediate   
## 679 Susceptible >4 Resistant 0.5 Intermediate   
## 680 Susceptible >4 Resistant 0.5 Intermediate   
## 681 Resistant 0.5 Intermediate >8 Resistant   
## 682 Susceptible >4 Resistant 0.5 Intermediate   
## 683 Susceptible >4 Resistant 0.5 Intermediate   
## 684 Susceptible 0.25 Susceptible 0.25 Intermediate   
## 685 Susceptible >4 Resistant 0.5 Intermediate   
## 686 Susceptible >4 Resistant >8 Resistant   
## 687 Susceptible >4 Resistant 0.25 Intermediate   
## 688 Susceptible >4 Resistant >8 Resistant   
## 689 Susceptible >4 Resistant 0.5 Intermediate   
## 690 Susceptible 1 Resistant 1 Intermediate   
## 691 Susceptible >4 Resistant 0.25 Intermediate   
## 692 Susceptible >4 Resistant 0.25 Intermediate   
## 693 Susceptible >4 Resistant 0.25 Intermediate   
## 694 Resistant >4 Resistant 0.25 Intermediate   
## 695 Susceptible >4 Resistant 0.25 Intermediate   
## 696 Susceptible >4 Resistant 0.5 Intermediate   
## 697 Susceptible 1 Resistant 0.25 Intermediate   
## 698 Susceptible >4 Resistant 0.5 Intermediate   
## 699 Susceptible >4 Resistant 0.25 Intermediate   
## 700 Susceptible >4 Resistant 0.25 Intermediate   
## 701 Susceptible >4 Resistant 0.25 Intermediate   
## 702 Susceptible >4 Resistant >8 Resistant   
## 703 Susceptible 2 Resistant 0.5 Intermediate   
## 704 Susceptible >4 Resistant 0.25 Intermediate   
## 705 Susceptible >4 Resistant >8 Resistant   
## 706 Susceptible >4 Resistant 0.5 Intermediate   
## 707 Susceptible >4 Resistant 0.25 Intermediate   
## 708 Susceptible 1 Resistant 0.25 Intermediate   
## 709 Susceptible <=0.12 Susceptible 0.25 Intermediate   
## 710 Susceptible 4 Resistant 0.25 Intermediate   
## 711 Susceptible >4 Resistant 0.25 Intermediate   
## 712 Susceptible 1 Resistant 0.5 Intermediate   
## 713 Susceptible 2 Resistant 0.5 Intermediate   
## 714 Susceptible 2 Resistant 0.12 Intermediate   
## 715 Susceptible >4 Resistant 0.25 Intermediate   
## 716 Susceptible >4 Resistant 0.12 Intermediate   
## 717 Resistant 2 Resistant 0.25 Intermediate   
## 718 Susceptible 2 Resistant 0.5 Intermediate   
## 719 Susceptible 0.5 Intermediate 0.5 Intermediate   
## 720 Susceptible >4 Resistant 0.25 Intermediate   
## 721 Susceptible >4 Resistant 0.25 Intermediate   
## 722 Susceptible <=0.12 Susceptible 0.5 Intermediate   
## 723 Susceptible 2 Resistant 0.5 Intermediate   
## 724 Susceptible 2 Resistant 0.5 Intermediate   
## 725 Susceptible <=0.12 Susceptible 0.5 Intermediate   
## 726 Susceptible 4 Resistant 0.5 Intermediate   
## 727 Susceptible >4 Resistant 0.5 Intermediate   
## 728 Resistant >4 Resistant 0.5 Intermediate   
## 729 Susceptible 1 Resistant 0.5 Intermediate   
## 730 Susceptible >4 Resistant 0.5 Intermediate   
## 731 Susceptible 2 Resistant 1 Intermediate   
## 732 Susceptible >4 Resistant 1 Intermediate   
## 733 Susceptible 2 Resistant 0.5 Intermediate   
## 734 Susceptible >4 Resistant 0.5 Intermediate   
## 735 Susceptible >4 Resistant 0.5 Intermediate   
## 736 Susceptible 4 Resistant 0.5 Intermediate   
## 737 Susceptible 0.25 Susceptible 0.5 Intermediate   
## 738 Susceptible >4 Resistant 0.12 Intermediate   
## 739 Susceptible >4 Resistant 0.5 Intermediate   
## 740 Susceptible 0.25 Susceptible 0.5 Intermediate   
## Daptomycin\_I Doripenem Doripenem\_I Ertapenem Ertapenem\_I Gatifloxacin Gatifloxacin\_I  
## 1 0.03 Susceptible 0.06 Susceptible NA  
## 2 0.03 Susceptible 0.06 Susceptible NA  
## 3 0.03 Susceptible 0.06 Susceptible NA  
## 4 0.03 Susceptible 0.25 Susceptible NA  
## 5 0.03 Susceptible 0.12 Susceptible NA  
## 6 0.03 Susceptible 0.5 Susceptible NA  
## 7 0.03 Susceptible 0.25 Susceptible NA  
## 8 1 Susceptible >1 Resistant NA  
## 9 0.03 Susceptible 0.25 Susceptible NA  
## 10 0.06 Susceptible 0.06 Susceptible NA  
## 11 0.03 Susceptible 0.06 Susceptible NA  
## 12 0.03 Susceptible 0.06 Susceptible NA  
## 13 0.06 Susceptible 0.12 Susceptible NA  
## 14 0.03 Susceptible 0.5 Susceptible NA  
## 15 0.03 Susceptible 0.06 Susceptible NA  
## 16 0.03 Susceptible 1 Intermediate NA  
## 17 0.06 Susceptible 0.12 Susceptible NA  
## 18 0.03 Susceptible 0.25 Susceptible NA  
## 19 0.03 Susceptible 0.25 Susceptible NA  
## 20 0.03 Susceptible 0.12 Susceptible NA  
## 21 0.03 Susceptible 0.12 Susceptible NA  
## 22 0.06 Susceptible 0.12 Susceptible NA  
## 23 0.06 Susceptible 0.25 Susceptible NA  
## 24 0.12 Susceptible 0.06 Susceptible NA  
## 25 0.06 Susceptible 0.06 Susceptible NA  
## 26 0.06 Susceptible 0.06 Susceptible NA  
## 27 >4 Resistant >1 Resistant NA  
## 28 >4 Resistant >1 Resistant NA  
## 29 0.5 Susceptible 0.03 Susceptible NA  
## 30 0.25 Susceptible 0.03 Susceptible NA  
## 31 0.12 Susceptible 1 Intermediate NA  
## 32 0.06 Susceptible 0.25 Susceptible NA  
## 33 0.12 Susceptible 1 Intermediate NA  
## 34 0.06 Susceptible 0.25 Susceptible NA  
## 35 0.03 Susceptible 0.12 Susceptible NA  
## 36 >4 Resistant >1 Resistant NA  
## 37 0.25 Susceptible 0.5 Susceptible NA  
## 38 0.06 Susceptible 0.12 Susceptible NA  
## 39 0.06 Susceptible 0.12 Susceptible NA  
## 40 0.03 Susceptible 0.12 Susceptible NA  
## 41 0.06 Susceptible 0.12 Susceptible NA  
## 42 0.03 Susceptible 0.12 Susceptible NA  
## 43 >4 Resistant >1 Resistant NA  
## 44 0.12 Susceptible 0.25 Susceptible NA  
## 45 4 Resistant >1 Resistant NA  
## 46 0.03 Susceptible 0.12 Susceptible NA  
## 47 0.06 Susceptible 0.25 Susceptible NA  
## 48 0.06 Susceptible 0.5 Susceptible NA  
## 49 0.06 Susceptible 0.06 Susceptible NA  
## 50 0.03 Susceptible 0.06 Susceptible NA  
## 51 0.03 Susceptible 0.06 Susceptible NA  
## 52 0.06 Susceptible 0.06 Susceptible NA  
## 53 0.25 Susceptible 0.06 Susceptible NA  
## 54 0.12 Susceptible 1 Intermediate NA  
## 55 0.06 Susceptible 0.06 Susceptible NA  
## 56 0.03 Susceptible 0.12 Susceptible NA  
## 57 0.03 Susceptible 0.06 Susceptible NA  
## 58 0.03 Susceptible 0.12 Susceptible NA  
## 59 0.06 Susceptible 0.25 Susceptible NA  
## 60 0.03 Susceptible 0.12 Susceptible NA  
## 61 0.12 Susceptible 1 Intermediate NA  
## 62 0.03 Susceptible 0.5 Susceptible NA  
## 63 0.03 Susceptible 0.12 Susceptible NA  
## 64 0.06 Susceptible 0.06 Susceptible NA  
## 65 0.03 Susceptible 0.12 Susceptible NA  
## 66 0.03 Susceptible 0.03 Susceptible NA  
## 67 0.06 Susceptible 0.5 Susceptible NA  
## 68 0.06 Susceptible 1 Intermediate NA  
## 69 0.03 Susceptible 0.06 Susceptible NA  
## 70 0.03 Susceptible 0.06 Susceptible NA  
## 71 0.06 Susceptible 0.12 Susceptible NA  
## 72 0.03 Susceptible 0.06 Susceptible NA  
## 73 0.03 Susceptible 0.06 Susceptible NA  
## 74 0.03 Susceptible 0.5 Susceptible NA  
## 75 0.12 Susceptible 1 Intermediate NA  
## 76 0.06 Susceptible 0.25 Susceptible NA  
## 77 0.06 Susceptible 0.03 Susceptible NA  
## 78 >4 Resistant >1 Resistant NA  
## 79 >4 Resistant >1 Resistant NA  
## 80 0.12 Susceptible 0.06 Susceptible NA  
## 81 >4 Resistant >1 Resistant NA  
## 82 0.12 Susceptible 1 Intermediate NA  
## 83 0.12 Susceptible 1 Intermediate NA  
## 84 0.03 Susceptible 0.5 Susceptible NA  
## 85 0.06 Susceptible 0.06 Susceptible NA  
## 86 0.06 Susceptible 0.12 Susceptible NA  
## 87 0.06 Susceptible 0.12 Susceptible NA  
## 88 0.12 Susceptible 0.5 Susceptible NA  
## 89 0.06 Susceptible 0.06 Susceptible NA  
## 90 0.03 Susceptible 1 Intermediate NA  
## 91 0.03 Susceptible 0.06 Susceptible NA  
## 92 0.12 Susceptible 1 Intermediate NA  
## 93 0.03 Susceptible 0.12 Susceptible NA  
## 94 0.03 Susceptible 0.12 Susceptible NA  
## 95 0.06 Susceptible 0.25 Susceptible NA  
## 96 0.03 Susceptible NA  
## 97 0.06 Susceptible NA  
## 98 2 Intermediate NA  
## 99 0.25 Susceptible NA  
## 100 0.03 Susceptible NA  
## 101 0.06 Susceptible NA  
## 102 0.06 Susceptible NA  
## 103 0.06 Susceptible NA  
## 104 0.06 Susceptible NA  
## 105 0.06 Susceptible NA  
## 106 0.03 Susceptible NA  
## 107 0.06 Susceptible NA  
## 108 0.06 Susceptible NA  
## 109 0.12 Susceptible NA  
## 110 0.06 Susceptible NA  
## 111 0.06 Susceptible NA  
## 112 0.06 Susceptible NA  
## 113 0.06 Susceptible NA  
## 114 0.03 Susceptible NA  
## 115 0.06 Susceptible NA  
## 116 0.03 Susceptible NA  
## 117 0.25 Susceptible NA  
## 118 0.06 Susceptible NA  
## 119 0.06 Susceptible NA  
## 120 0.12 Susceptible NA  
## 121 0.06 Susceptible NA  
## 122 0.06 Susceptible NA  
## 123 0.25 Susceptible NA  
## 124 0.12 Susceptible NA  
## 125 0.12 Susceptible NA  
## 126 0.06 Susceptible NA  
## 127 0.25 Susceptible NA  
## 128 >4 Resistant NA  
## 129 0.5 Susceptible NA  
## 130 0.06 Susceptible NA  
## 131 0.06 Susceptible NA  
## 132 0.06 Susceptible NA  
## 133 0.03 Susceptible NA  
## 134 0.03 Susceptible NA  
## 135 0.06 Susceptible NA  
## 136 0.06 Susceptible NA  
## 137 0.03 Susceptible NA  
## 138 0.03 Susceptible NA  
## 139 0.06 Susceptible NA  
## 140 0.06 Susceptible NA  
## 141 0.5 Susceptible NA  
## 142 0.06 Susceptible NA  
## 143 0.06 Susceptible NA  
## 144 0.12 Susceptible NA  
## 145 0.5 Susceptible NA  
## 146 0.06 Susceptible NA  
## 147 0.06 Susceptible NA  
## 148 0.06 Susceptible NA  
## 149 0.06 Susceptible NA  
## 150 0.03 Susceptible NA  
## 151 0.06 Susceptible NA  
## 152 0.12 Susceptible NA  
## 153 0.06 Susceptible NA  
## 154 0.03 Susceptible NA  
## 155 0.03 Susceptible NA  
## 156 0.03 Susceptible NA  
## 157 0.25 Susceptible NA  
## 158 0.06 Susceptible NA  
## 159 0.03 Susceptible NA  
## 160 0.03 Susceptible NA  
## 161 0.03 Susceptible NA  
## 162 0.12 Susceptible NA  
## 163 0.06 Susceptible NA  
## 164 0.06 Susceptible NA  
## 165 0.12 Susceptible NA  
## 166 0.06 Susceptible NA  
## 167 >4 Resistant NA  
## 168 0.06 Susceptible NA  
## 169 0.06 Susceptible NA  
## 170 0.03 Susceptible NA  
## 171 >4 Resistant NA  
## 172 >4 Resistant NA  
## 173 0.06 Susceptible NA  
## 174 >4 Resistant NA  
## 175 0.12 Susceptible NA  
## 176 0.06 Susceptible NA  
## 177 0.03 Susceptible NA  
## 178 0.12 Susceptible NA  
## 179 0.12 Susceptible NA  
## 180 0.06 Susceptible NA  
## 181 0.03 Susceptible NA  
## 182 0.12 Susceptible NA  
## 183 0.06 Susceptible NA  
## 184 >4 Resistant NA  
## 185 >4 Resistant NA  
## 186 >4 Resistant NA  
## 187 >4 Resistant NA  
## 188 0.12 Susceptible NA  
## 189 0.06 Susceptible NA  
## 190 0.06 Susceptible NA  
## 191 0.12 Susceptible NA  
## 192 0.06 Susceptible NA  
## 193 0.03 Susceptible NA  
## 194 0.06 Susceptible NA  
## 195 0.06 Susceptible NA  
## 196 0.06 Susceptible NA  
## 197 0.06 Susceptible NA  
## 198 0.06 Susceptible NA  
## 199 0.06 Susceptible NA  
## 200 0.06 Susceptible NA  
## 201 0.06 Susceptible NA  
## 202 0.06 Susceptible NA  
## 203 0.06 Susceptible NA  
## 204 >4 Resistant NA  
## 205 0.12 Susceptible NA  
## 206 0.06 Susceptible NA  
## 207 0.06 Susceptible NA  
## 208 0.03 Susceptible NA  
## 209 0.06 Susceptible NA  
## 210 0.03 Susceptible NA  
## 211 0.06 Susceptible NA  
## 212 0.06 Susceptible NA  
## 213 0.06 Susceptible NA  
## 214 0.06 Susceptible NA  
## 215 1 Susceptible NA  
## 216 0.06 Susceptible NA  
## 217 4 Resistant NA  
## 218 0.12 Susceptible NA  
## 219 0.06 Susceptible NA  
## 220 0.06 Susceptible NA  
## 221 0.12 Susceptible NA  
## 222 0.06 Susceptible NA  
## 223 0.06 Susceptible NA  
## 224 0.06 Susceptible NA  
## 225 0.06 Susceptible NA  
## 226 0.06 Susceptible NA  
## 227 0.06 Susceptible NA  
## 228 0.06 Susceptible NA  
## 229 >4 Resistant NA  
## 230 0.06 Susceptible NA  
## 231 >4 Resistant NA  
## 232 0.06 Susceptible NA  
## 233 0.06 Susceptible NA  
## 234 0.06 Susceptible NA  
## 235 0.06 Susceptible NA  
## 236 0.06 Susceptible NA  
## 237 0.06 Susceptible NA  
## 238 0.06 Susceptible NA  
## 239 0.06 Susceptible NA  
## 240 0.06 Susceptible NA  
## 241 0.03 Susceptible NA  
## 242 0.06 Susceptible NA  
## 243 0.06 Susceptible NA  
## 244 0.03 Susceptible NA  
## 245 0.06 Susceptible NA  
## 246 0.12 Susceptible NA  
## 247 >4 Resistant NA  
## 248 0.03 Susceptible NA  
## 249 0.25 Susceptible NA  
## 250 0.12 Susceptible NA  
## 251 0.06 Susceptible NA  
## 252 0.03 Susceptible NA  
## 253 0.06 Susceptible NA  
## 254 0.06 Susceptible NA  
## 255 0.06 Susceptible NA  
## 256 0.12 Susceptible NA  
## 257 >4 Resistant NA  
## 258 0.03 Susceptible NA  
## 259 0.03 Susceptible NA  
## 260 0.5 Susceptible NA  
## 261 4 Resistant NA  
## 262 0.03 Susceptible NA  
## 263 0.25 Susceptible NA  
## 264 0.06 Susceptible NA  
## 265 0.06 Susceptible NA  
## 266 0.06 Susceptible NA  
## 267 0.12 Susceptible NA  
## 268 0.06 Susceptible NA  
## 269 >4 Resistant NA  
## 270 0.06 Susceptible NA  
## 271 0.03 Susceptible NA  
## 272 >4 Resistant NA  
## 273 0.06 Susceptible NA  
## 274 0.03 Susceptible NA  
## 275 >4 Resistant NA  
## 276 0.06 Susceptible NA  
## 277 0.06 Susceptible NA  
## 278 0.06 Susceptible NA  
## 279 0.06 Susceptible NA  
## 280 0.06 Susceptible NA  
## 281 0.06 Susceptible NA  
## 282 0.12 Susceptible NA  
## 283 0.06 Susceptible NA  
## 284 0.06 Susceptible NA  
## 285 0.06 Susceptible NA  
## 286 0.06 Susceptible NA  
## 287 0.06 Susceptible NA  
## 288 0.5 Susceptible NA  
## 289 0.03 Susceptible NA  
## 290 0.12 Susceptible NA  
## 291 0.12 Susceptible NA  
## 292 0.06 Susceptible NA  
## 293 0.03 Susceptible NA  
## 294 0.06 Susceptible NA  
## 295 0.03 Susceptible NA  
## 296 0.06 Susceptible NA  
## 297 0.03 Susceptible NA  
## 298 0.03 Susceptible NA  
## 299 0.06 Susceptible NA  
## 300 0.06 Susceptible NA  
## 301 0.03 Susceptible NA  
## 302 0.06 Susceptible NA  
## 303 0.12 Susceptible NA  
## 304 >4 Resistant NA  
## 305 NA  
## 306 0.06 Susceptible NA  
## 307 0.06 Susceptible NA  
## 308 0.06 Susceptible NA  
## 309 0.03 Susceptible NA  
## 310 0.06 Susceptible NA  
## 311 0.06 Susceptible NA  
## 312 0.06 Susceptible NA  
## 313 0.03 Susceptible NA  
## 314 0.25 Susceptible NA  
## 315 0.06 Susceptible NA  
## 316 1 Susceptible NA  
## 317 0.12 Susceptible NA  
## 318 0.06 Susceptible NA  
## 319 >8 Resistant NA  
## 320 8 Resistant NA  
## 321 >8 Resistant NA  
## 322 0.06 Susceptible NA  
## 323 0.03 Susceptible NA  
## 324 0.06 Susceptible NA  
## 325 0.03 Susceptible NA  
## 326 0.06 Susceptible NA  
## 327 0.03 Susceptible NA  
## 328 0.03 Susceptible NA  
## 329 0.06 Susceptible NA  
## 330 0.03 Susceptible NA  
## 331 0.03 Susceptible NA  
## 332 0.03 Susceptible NA  
## 333 0.06 Susceptible NA  
## 334 0.06 Susceptible NA  
## 335 0.06 Susceptible NA  
## 336 0.06 Susceptible NA  
## 337 0.25 Susceptible NA  
## 338 0.06 Susceptible NA  
## 339 0.06 Susceptible NA  
## 340 0.06 Susceptible NA  
## 341 0.06 Susceptible NA  
## 342 0.06 Susceptible NA  
## 343 0.06 Susceptible NA  
## 344 >8 Resistant NA  
## 345 0.06 Susceptible NA  
## 346 0.06 Susceptible NA  
## 347 0.06 Susceptible NA  
## 348 0.06 Susceptible NA  
## 349 0.06 Susceptible NA  
## 350 0.06 Susceptible NA  
## 351 0.06 Susceptible NA  
## 352 0.06 Susceptible NA  
## 353 2 Intermediate NA  
## 354 0.06 Susceptible NA  
## 355 0.06 Susceptible NA  
## 356 0.06 Susceptible NA  
## 357 0.12 Susceptible NA  
## 358 0.12 Susceptible NA  
## 359 0.06 Susceptible NA  
## 360 0.06 Susceptible NA  
## 361 0.06 Susceptible NA  
## 362 0.06 Susceptible NA  
## 363 0.12 Susceptible NA  
## 364 0.06 Susceptible NA  
## 365 0.06 Susceptible NA  
## 366 0.12 Susceptible NA  
## 367 0.06 Susceptible NA  
## 368 0.06 Susceptible NA  
## 369 0.12 Susceptible NA  
## 370 0.12 Susceptible NA  
## 371 0.12 Susceptible NA  
## 372 0.12 Susceptible NA  
## 373 0.06 Susceptible NA  
## 374 0.06 Susceptible NA  
## 375 0.06 Susceptible NA  
## 376 0.12 Susceptible NA  
## 377 0.12 Susceptible NA  
## 378 0.12 Susceptible NA  
## 379 0.06 Susceptible NA  
## 380 0.06 Susceptible NA  
## 381 0.03 Susceptible NA  
## 382 0.06 Susceptible NA  
## 383 0.03 Susceptible NA  
## 384 0.03 Susceptible NA  
## 385 0.06 Susceptible NA  
## 386 0.03 Susceptible NA  
## 387 0.03 Susceptible NA  
## 388 0.06 Susceptible NA  
## 389 4 Resistant NA  
## 390 0.06 Susceptible NA  
## 391 0.06 Susceptible NA  
## 392 0.5 Susceptible NA  
## 393 0.25 Susceptible NA  
## 394 0.12 Susceptible NA  
## 395 1 Susceptible NA  
## 396 2 Intermediate NA  
## 397 0.12 Susceptible NA  
## 398 1 Susceptible NA  
## 399 0.12 Susceptible NA  
## 400 0.12 Susceptible NA  
## 401 0.12 Susceptible NA  
## 402 0.12 Susceptible NA  
## 403 0.12 Susceptible NA  
## 404 0.06 Susceptible NA  
## 405 4 Resistant NA  
## 406 0.5 Susceptible NA  
## 407 1 Susceptible NA  
## 408 0.06 Susceptible NA  
## 409 0.06 Susceptible NA  
## 410 0.12 Susceptible NA  
## 411 0.06 Susceptible NA  
## 412 8 Resistant NA  
## 413 0.25 Susceptible NA  
## 414 0.12 Susceptible NA  
## 415 0.03 Susceptible NA  
## 416 0.5 Susceptible NA  
## 417 0.12 Susceptible NA  
## 418 0.06 Susceptible NA  
## 419 0.06 Susceptible NA  
## 420 0.06 Susceptible NA  
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## 136 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 137 NEG NEG NEG CTX-M-14 NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 151 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 152 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 153 NEG NEG NEG NEG NEG NEG NEG NEG NEG CMY-2 NEG NEG NEG  
## 154 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 155 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 165 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG DHA-1 NEG NEG  
## 166 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 167 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 183 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG DHA-1 NEG NEG  
## 184 VEB-1A NEG NEG   
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## 190 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 191 NEG NEG NEG NEG VEB-6 NEG NEG NEG NEG NEG NEG NEG NEG  
## 192 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 205 CTX-M-15 NEG NEG NEG VEB-1 NEG NEG NEG NEG NEG NEG NEG NEG  
## 206 NEG NEG NEG CTX-M-14 NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 207 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 219 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG CMY-2 NEG NEG NEG  
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## 233 CTX-M-15-3 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
## 234 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 304 VEB-1A NEG NEG   
## 305 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 414 NEG NEG NEG NEG VEB-6 NEG NEG NEG NEG NEG NEG NEG NEG  
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## 439 CTX-M-3 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 602 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG CMY-6 NEG NEG NEG  
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## 607 CTX-M-3 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 622 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG NEG  
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## 625 CTX-M-15 NEG NEG NEG NEG NEG NEG NEG NEG CMY-2 NEG NEG NEG  
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## 571 NEG NEG NEG NEG NEG NEG NEG NA  
## 572 NEG NEG NEG NEG NEG NEG NEG NA  
## 573 NEG NEG NEG NEG NEG NEG NEG NA  
## 574 NEG NEG NEG NEG NEG NEG NEG NA  
## 575 NEG NEG NEG NEG NEG NEG NEG NA  
## 576 NEG NEG NEG NEG NEG NEG NEG NA  
## 577 NEG NEG NEG NEG NEG NEG NEG NA  
## 578 NEG NEG NEG NEG NEG NEG NEG NA  
## 579 NEG NEG NEG NEG NEG NEG NEG NA  
## 580 NEG NEG NEG NEG NEG NEG NEG NA  
## 581 NEG NEG NEG NEG NEG NEG NEG NA  
## 582 NEG NEG NEG NEG NEG NEG NEG NA  
## 583 NEG NEG NEG NEG NEG NEG NEG NA  
## 584 NEG NEG NEG NEG NEG NEG NEG NA  
## 585 NEG NEG NEG NEG NEG NEG NEG NA  
## 586 NEG NEG NEG NEG NEG NEG NEG NA  
## 587 NEG NEG NEG NEG NEG NEG NEG NA  
## 588 NEG NEG NEG NEG NEG NEG NEG NA  
## 589 NEG NEG NEG NEG NEG NEG NEG NA  
## 590 NEG NEG NEG NEG NEG NEG NEG NA  
## 591 NEG NEG NEG NEG NEG NEG NEG NA  
## 592 NEG NEG NEG NEG NEG NEG NEG NA  
## 593 NEG NEG NEG NEG NEG NEG NEG NA  
## 594 NEG NEG NEG NEG NEG NEG NEG NA  
## 595 NEG NEG NEG NEG NEG NEG NEG NA  
## 596 NEG NEG NDM-1 NEG NEG NEG NEG NA  
## 597 NEG NEG NEG NEG NEG NEG NEG NA  
## 598 NEG NEG NDM-1 NEG NEG NEG NEG NA  
## 599 NEG NEG NEG NEG NEG NEG NEG NA  
## 600 NEG NEG NEG NEG NEG NEG NEG NA  
## 601 NEG NEG NEG NEG NEG NEG NEG NA  
## 602 NEG NEG NDM-1 NEG NEG NEG NEG NA  
## 603 NEG NEG NEG NEG NEG NEG NEG NA  
## 604 NEG NEG NEG NEG NEG NEG NEG NA  
## 605 NEG NEG NEG NEG NEG NEG NEG NA  
## 606 NEG NEG NEG NEG NEG NEG NEG NA  
## 607 NEG NEG NEG NEG NEG NEG NEG NA  
## 608 NEG NEG NEG NEG NEG NEG NEG NA  
## 609 NEG OXA-48 NDM-1 NEG NEG NEG NEG NA  
## 610 NEG NEG NEG NEG NEG NEG NEG NA  
## 611 NEG NEG NEG NEG NEG NEG NEG NA  
## 612 NEG NEG NEG NEG NEG NEG NEG NA  
## 613 NEG NEG NEG NEG NEG NEG NEG NA  
## 614 NEG NEG NEG NEG NEG NEG NEG NA  
## 615 NEG NEG NEG NEG NEG NEG NEG NA  
## 616 NEG NEG NEG NEG NEG NEG NEG NA  
## 617 NEG NEG NDM-1 NEG NEG NEG NEG NA  
## 618 NEG NEG NEG NEG NEG NEG NEG NA  
## 619 NEG NEG NDM-5 NEG NEG NEG NEG NA  
## 620 NEG NEG NEG NEG NEG NEG NEG NA  
## 621 NEG NEG NEG NEG NEG NEG NEG NA  
## 622 NEG NEG NEG NEG NEG NEG NEG NA  
## 623 NEG NEG NEG NEG NEG NEG NEG NA  
## 624 NEG NEG NEG NEG NEG NEG NEG NA  
## 625 NEG NEG NEG NEG NEG NEG NEG NA  
## 626 NEG NEG NEG NEG NEG NEG NEG NA  
## 627 NEG NEG NEG NEG NEG NEG NEG NA  
## 628 NEG NEG NEG NEG NEG NEG NEG NA  
## 629 NEG NEG NEG NEG NEG NEG NEG NA  
## 630 NEG NEG NEG NEG NEG NEG NEG NA  
## 631 NEG NEG NDM-7 NEG NEG NEG NEG NA  
## 632 NEG NEG NEG NEG NEG NEG NEG NA  
## 633 NEG NEG NDM-7 NEG NEG NEG NEG NA  
## 634 NEG NEG NDM-7 NEG NEG NEG NEG NA  
## 635 NEG NEG NEG NEG NEG NEG NEG NA  
## 636 NEG NEG NEG NEG NEG NEG NEG NA  
## 637 NEG NEG NEG NEG NEG NEG NEG NA  
## 638 NEG NEG NDM-1 NEG NEG NEG NEG NA  
## 639 NEG NEG NEG NEG NEG NEG NEG NA  
## 640 NEG NEG NEG NEG NEG NEG NEG NA  
## 641 NEG NEG NEG NEG NEG NEG NEG NA  
## 642 NEG NEG NEG NEG NEG NEG NEG NA  
## 643 NEG NEG NDM-1 NEG NEG NEG NEG NA  
## 644 NEG NEG NEG NEG NEG NEG NEG NA  
## 645 NEG NEG NEG NEG NEG NEG NEG NA  
## 646 NEG NEG NEG NEG NEG NEG NEG NA  
## 647 NEG NEG NEG NEG NEG NEG NEG NA  
## 648 NEG NEG NEG NEG NEG NEG NEG NA  
## 649 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 650 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 651 NEG NEG NEG NEG NEG NEG NEG NA  
## 652 NEG NEG NEG NEG NEG NEG NEG NA  
## 653 NEG NEG NEG NEG NEG NEG NEG NA  
## 654 NEG NEG NEG NEG NEG NEG NEG NA  
## 655 NEG NEG NEG NEG NEG NEG NEG NA  
## 656 NEG NEG NEG NEG NEG NEG NEG NA  
## 657 NEG NEG NEG NEG NEG NEG NEG NA  
## 658 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 659 NEG NEG NEG NEG NEG NEG NEG NA  
## 660 NEG NEG NEG NEG NEG NEG NEG NA  
## 661 NEG NEG NEG NEG NEG NEG NEG NA  
## 662 NEG NEG NEG NEG NEG NEG NEG NA  
## 663 NEG NEG NEG NEG NEG NEG NEG NA  
## 664 NEG NEG NEG NEG NEG NEG NEG NA  
## 665 NEG NEG NEG NEG NEG NEG NEG NA  
## 666 NEG NEG NEG NEG NEG NEG NEG NA  
## 667 NEG NEG NEG NEG NEG NEG NEG NA  
## 668 NEG NEG NEG NEG NEG NEG NEG NA  
## 669 NEG NEG NEG NEG NEG NEG NEG NA  
## 670 NEG NEG NEG NEG NEG NEG NEG NA  
## 671 NEG NEG NEG NEG NEG NEG NEG NA  
## 672 NEG NEG NEG NEG NEG NEG NEG NA  
## 673 NEG NEG NDM-7 NEG NEG NEG NEG NA  
## 674 NEG NEG NEG NEG NEG NEG NEG NA  
## 675 NEG NEG NEG NEG NEG NEG NEG NA  
## 676 NEG NEG NEG NEG NEG NEG NEG NA  
## 677 NEG NEG NEG NEG NEG NEG NEG NA  
## 678 NEG NEG NEG NEG NEG NEG NEG NA  
## 679 NEG NEG NEG NEG NEG NEG NEG NA  
## 680 NEG NEG NEG NEG NEG NEG NEG NA  
## 681 NEG NEG NDM-4 NEG NEG NEG NEG NA  
## 682 NEG NEG NEG NEG NEG NEG NEG NA  
## 683 NEG NEG NEG NEG NEG NEG NEG NA  
## 684 NEG NEG NEG NEG NEG NEG NEG NA  
## 685 NEG NEG NEG NEG NEG NEG NEG NA  
## 686 NEG NEG NEG NEG NEG NEG NEG NA  
## 687 NEG NEG NEG NEG NEG NEG NEG NA  
## 688 NEG NEG NEG NEG NEG NEG NEG NA  
## 689 NEG NEG NEG NEG NEG NEG NEG NA  
## 690 NEG NEG NEG NEG NEG NEG NEG NA  
## 691 NEG NEG NEG NEG NEG NEG NEG NA  
## 692 NEG NEG NEG NEG NEG NEG NEG NA  
## 693 NEG NEG NEG NEG NEG NEG NEG NA  
## 694 NEG NEG NDM-1 NEG NEG NEG NEG NA  
## 695 NEG NEG NEG NEG NEG NEG NEG NA  
## 696 NEG NEG NEG NEG NEG NEG NEG NA  
## 697 NEG NEG NEG NEG NEG NEG NEG NA  
## 698 NEG OXA-48 NEG NEG NEG NEG NEG NA  
## 699 NEG NEG NEG NEG NEG NEG NEG NA  
## 700 NEG NEG NEG NEG NEG NEG NEG NA  
## 701 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 702 NEG NEG NEG NEG NEG NEG NEG NA  
## 703 NEG NEG NEG NEG NEG NEG NEG NA  
## 704 NEG NEG NEG NEG NEG NEG NEG NA  
## 705 NEG NEG NEG NEG NEG NEG NEG NA  
## 706 NEG NEG NEG NEG NEG NEG NEG NA  
## 707 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 708 NEG NEG NEG NEG NEG NEG NEG NA  
## 709 NEG NEG NEG NEG NEG NEG NEG NA  
## 710 NEG OXA-48 NEG NEG NEG NEG NEG NA  
## 711 NEG NEG NEG NEG NEG NEG NEG NA  
## 712 NEG NEG NEG NEG NEG NEG NEG NA  
## 713 KPC-2 NEG NEG NEG NEG NEG NEG NA  
## 714 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 715 NEG NEG NEG NEG NEG NEG NEG NA  
## 716 NEG NEG NEG NEG NEG NEG NEG NA  
## 717 NEG NEG NEG NEG VIM-1 NEG NEG NA  
## 718 NEG NEG NEG NEG NEG NEG NEG NA  
## 719 NEG NEG NEG NEG NEG NEG NEG NA  
## 720 NEG NEG NEG NEG NEG NEG NEG NA  
## 721 NEG NEG NEG NEG NEG NEG NEG NA  
## 722 NEG NEG NEG NEG NEG NEG NEG NA  
## 723 NEG NEG NEG NEG NEG NEG NEG NA  
## 724 NEG NEG NEG NEG NEG NEG NEG NA  
## 725 NEG NEG NEG NEG NEG NEG NEG NA  
## 726 NEG NEG NEG NEG NEG NEG NEG NA  
## 727 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 728 NEG NEG NDM-1 NEG NEG NEG NEG NA  
## 729 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 730 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 731 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 732 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 733 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 734 NEG NEG NEG NEG NEG NEG NEG NA  
## 735 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 736 NEG OXA-181 NEG NEG NEG NEG NEG NA  
## 737 NEG NEG NEG NEG NEG NEG NEG NA  
## 738 NEG NEG NEG NEG NEG NEG NEG NA  
## 739 NEG NEG NEG NEG NEG NEG NEG NA  
## 740 NEG NEG NEG NEG NEG NEG NEG NA  
## [ reached 'max' / getOption("max.print") -- omitted 1212 rows ]

table(genedata$Species)

##   
## Citrobacter freundii Enterobacter asburiae Enterobacter cloacae   
## 8 2 32   
## Enterobacter spp Escherichia coli Klebsiella oxytoca   
## 3 633 11   
## Klebsiella pneumoniae Klebsiella spp Klebsiella variicola   
## 1187 3 4   
## Morganella morganii Proteus mirabilis Providencia rettgeri   
## 3 27 4   
## Providencia spp Providencia stuartii Pseudomonas aeruginosa   
## 2 2 28   
## Serratia marcescens   
## 3

table(genedata$Year)

##   
## 2005 2006 2007 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021   
## 4 5 5 21 163 221 209 40 100 114 265 310 217 278

names(genedata)

## [1] "Isolate.Id" "Study"   
## [3] "Species" "Family"   
## [5] "Country" "State"   
## [7] "Gender" "Age.Group"   
## [9] "Speciality" "Source"   
## [11] "In...Out.Patient" "Year"   
## [13] "Phenotype" "Amikacin"   
## [15] "Amikacin\_I" "Amoxycillin.clavulanate"   
## [17] "Amoxycillin.clavulanate\_I" "Ampicillin"   
## [19] "Ampicillin\_I" "Azithromycin"   
## [21] "Azithromycin\_I" "Cefepime"   
## [23] "Cefepime\_I" "Cefoxitin"   
## [25] "Cefoxitin\_I" "Ceftazidime"   
## [27] "Ceftazidime\_I" "Ceftriaxone"   
## [29] "Ceftriaxone\_I" "Clarithromycin"   
## [31] "Clarithromycin\_I" "Clindamycin"   
## [33] "Clindamycin\_I" "Erythromycin"   
## [35] "Erythromycin\_I" "Imipenem"   
## [37] "Imipenem\_I" "Levofloxacin"   
## [39] "Levofloxacin\_I" "Linezolid"   
## [41] "Linezolid\_I" "Meropenem"   
## [43] "Meropenem\_I" "Metronidazole"   
## [45] "Metronidazole\_I" "Minocycline"   
## [47] "Minocycline\_I" "Penicillin"   
## [49] "Penicillin\_I" "Piperacillin.tazobactam"   
## [51] "Piperacillin.tazobactam\_I" "Tigecycline"   
## [53] "Tigecycline\_I" "Vancomycin"   
## [55] "Vancomycin\_I" "Ampicillin.sulbactam"   
## [57] "Ampicillin.sulbactam\_I" "Aztreonam"   
## [59] "Aztreonam\_I" "Aztreonam.avibactam"   
## [61] "Aztreonam.avibactam\_I" "Cefixime"   
## [63] "Cefixime\_I" "Ceftaroline"   
## [65] "Ceftaroline\_I" "Ceftaroline.avibactam"   
## [67] "Ceftaroline.avibactam\_I" "Ceftazidime.avibactam"   
## [69] "Ceftazidime.avibactam\_I" "Ciprofloxacin"   
## [71] "Ciprofloxacin\_I" "Colistin"   
## [73] "Colistin\_I" "Daptomycin"   
## [75] "Daptomycin\_I" "Doripenem"   
## [77] "Doripenem\_I" "Ertapenem"   
## [79] "Ertapenem\_I" "Gatifloxacin"   
## [81] "Gatifloxacin\_I" "Gentamicin"   
## [83] "Gentamicin\_I" "Moxifloxacin"   
## [85] "Moxifloxacin\_I" "Oxacillin"   
## [87] "Oxacillin\_I" "Quinupristin.dalfopristin"   
## [89] "Quinupristin.dalfopristin\_I" "Sulbactam"   
## [91] "Sulbactam\_I" "Teicoplanin"   
## [93] "Teicoplanin\_I" "Tetracycline"   
## [95] "Tetracycline\_I" "Trimethoprim.sulfa"   
## [97] "Trimethoprim.sulfa\_I" "Ceftolozane.tazobactam"   
## [99] "Ceftolozane.tazobactam\_I" "Cefoperazone.sulbactam"   
## [101] "Cefoperazone.sulbactam\_I" "Meropenem.vaborbactam"   
## [103] "Meropenem.vaborbactam\_I" "Cefpodoxime"   
## [105] "Cefpodoxime\_I" "Ceftibuten"   
## [107] "Ceftibuten\_I" "Ceftibuten.avibactam"   
## [109] "Ceftibuten.avibactam\_I" "Tebipenem"   
## [111] "Tebipenem\_I" "AMPC"   
## [113] "SHV" "TEM"   
## [115] "CTXM1" "CTXM2"   
## [117] "CTXM825" "CTXM9"   
## [119] "VEB" "PER"   
## [121] "GES" "ACC"   
## [123] "CMY1MOX" "CMY11"   
## [125] "DHA" "FOX"   
## [127] "ACTMIR" "KPC"   
## [129] "OXA" "NDM"   
## [131] "IMP" "VIM"   
## [133] "SPM" "GIM"   
## [135] "X"

#removing empty columns  
non\_empty\_cols <- names(genedata)[sapply(genedata, function(x) !all(is.na(x) | x == ""))]  
non\_empty\_cols

## [1] "Isolate.Id" "Study"   
## [3] "Species" "Family"   
## [5] "Country" "Gender"   
## [7] "Age.Group" "Speciality"   
## [9] "Source" "In...Out.Patient"   
## [11] "Year" "Phenotype"   
## [13] "Amikacin" "Amikacin\_I"   
## [15] "Amoxycillin.clavulanate" "Amoxycillin.clavulanate\_I"  
## [17] "Ampicillin" "Ampicillin\_I"   
## [19] "Cefepime" "Cefepime\_I"   
## [21] "Ceftazidime" "Ceftazidime\_I"   
## [23] "Ceftriaxone" "Ceftriaxone\_I"   
## [25] "Imipenem" "Imipenem\_I"   
## [27] "Levofloxacin" "Levofloxacin\_I"   
## [29] "Meropenem" "Meropenem\_I"   
## [31] "Minocycline" "Minocycline\_I"   
## [33] "Piperacillin.tazobactam" "Piperacillin.tazobactam\_I"  
## [35] "Tigecycline" "Tigecycline\_I"   
## [37] "Ampicillin.sulbactam" "Ampicillin.sulbactam\_I"   
## [39] "Aztreonam" "Aztreonam\_I"   
## [41] "Aztreonam.avibactam" "Ceftaroline"   
## [43] "Ceftaroline\_I" "Ceftaroline.avibactam"   
## [45] "Ceftazidime.avibactam" "Ceftazidime.avibactam\_I"   
## [47] "Ciprofloxacin" "Ciprofloxacin\_I"   
## [49] "Colistin" "Colistin\_I"   
## [51] "Doripenem" "Doripenem\_I"   
## [53] "Ertapenem" "Ertapenem\_I"   
## [55] "Gentamicin" "Gentamicin\_I"   
## [57] "Sulbactam" "Trimethoprim.sulfa"   
## [59] "Trimethoprim.sulfa\_I" "Ceftolozane.tazobactam"   
## [61] "Ceftolozane.tazobactam\_I" "Cefoperazone.sulbactam"   
## [63] "Meropenem.vaborbactam" "Meropenem.vaborbactam\_I"   
## [65] "AMPC" "SHV"   
## [67] "TEM" "CTXM1"   
## [69] "CTXM2" "CTXM825"   
## [71] "CTXM9" "VEB"   
## [73] "PER" "GES"   
## [75] "ACC" "CMY1MOX"   
## [77] "CMY11" "DHA"   
## [79] "FOX" "ACTMIR"   
## [81] "KPC" "OXA"   
## [83] "NDM" "IMP"   
## [85] "VIM" "SPM"   
## [87] "GIM"

genedata\_non\_empty <- genedata[, non\_empty\_cols]  
print(genedata\_non\_empty, width = 100)

## Isolate.Id Study Species Family Country Gender  
## 1 1043173 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 2 1043175 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 3 1043176 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 4 1043177 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 5 1043178 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 6 1043182 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 7 1043183 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 8 1043184 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 9 1043185 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 10 1043188 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 11 1043189 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 12 1043190 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 13 1043196 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 14 1043203 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 15 1043205 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 16 1043206 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 17 1043207 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 18 1043210 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 19 1043211 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 20 1043213 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
## 21 1043214 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 22 1043215 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 23 1043216 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 24 1043217 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 25 1043218 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 26 1043220 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 27 1043222 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 28 1043224 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 29 1043225 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
## 30 1043226 Inform Proteus mirabilis Enterobacteriaceae Nigeria Female  
## 31 1043227 Inform Enterobacter cloacae Enterobacteriaceae Nigeria Male  
## 32 1043229 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 33 1043231 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 34 1043232 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 35 1043233 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 36 1043234 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 37 1043235 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 38 1043236 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 39 1043238 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 40 1043239 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 41 1043240 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 42 1043241 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 43 1043242 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 44 1043243 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 45 1043244 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 46 1043245 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 47 1043246 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 48 1043247 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 49 1043249 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 50 1043250 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 51 1043252 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 52 1043254 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 53 1043259 Inform Morganella morganii Enterobacteriaceae Nigeria Female  
## 54 1046132 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 55 1046133 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 56 1046134 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 57 1046135 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 58 1046136 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 59 1046137 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 60 1046141 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 61 1046142 Inform Enterobacter cloacae Enterobacteriaceae Kenya Female  
## 62 1046144 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 63 1046147 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 64 1046149 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 65 1046151 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 66 1046152 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 67 1046153 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 68 1046156 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 69 1046157 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 70 1046158 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 71 1046159 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 72 1046161 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 73 1046162 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 74 1046164 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 75 1046184 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
## 76 1046189 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female  
## 77 1046192 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
## 78 1046194 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
## 79 1046198 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female  
## 80 1046200 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
## 81 1058880 Inform Enterobacter asburiae Enterobacteriaceae Kenya Female  
## 82 1058882 Inform Enterobacter cloacae Enterobacteriaceae Kenya Female  
## 83 1058883 Inform Enterobacter cloacae Enterobacteriaceae Kenya Female  
## 84 1058885 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 85 1058895 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
## 86 1058896 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
## 87 1058897 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female  
## 88 1058899 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female  
## 89 1058901 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
## 90 1058921 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 91 1058930 Inform Escherichia coli Enterobacteriaceae Kenya Female  
## 92 1058931 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female  
## 93 1058940 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 94 1058941 Inform Escherichia coli Enterobacteriaceae Kenya Male  
## 95 1058988 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female  
## 96 1088139 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 97 1088143 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 98 1088166 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 99 1088167 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 100 1088168 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 101 1088171 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 110 1088187 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 113 1093623 Inform Escherichia coli Enterobacteriaceae South Africa Female  
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## 119 1093647 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
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## 123 1093652 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 124 1093682 Inform Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 125 1093881 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 126 1093883 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 127 1093892 Inform Proteus mirabilis Enterobacteriaceae South Africa Male  
## 128 1093894 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 129 1093918 Inform Proteus mirabilis Enterobacteriaceae South Africa Male  
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## 132 1101528 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 133 1101537 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 134 1101541 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 135 1101544 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 136 1101545 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 137 1101548 Inform Escherichia coli Enterobacteriaceae South Africa Female  
## 138 1101555 Inform Escherichia coli Enterobacteriaceae South Africa Male  
## 139 1101582 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 140 1101585 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 141 1101592 Inform Proteus mirabilis Enterobacteriaceae South Africa Male  
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## 153 1105402 Inform Escherichia coli Enterobacteriaceae South Africa Male  
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## 181 1106420 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
## 182 1106422 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female  
## 183 1106424 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male  
## 184 1106434 Inform Pseudomonas aeruginosa Non-Enterobacteriaceae Kenya Male  
## 185 1106443 Inform Pseudomonas aeruginosa Non-Enterobacteriaceae Kenya Female  
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## 218 1122867 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
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## 230 1122964 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
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## 248 1143071 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
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## 259 1143103 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
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## 262 1143106 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
## 263 1143107 Inform Proteus mirabilis Enterobacteriaceae Nigeria Male  
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## 266 1143113 Inform Escherichia coli Enterobacteriaceae Nigeria Male  
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## 297 1143271 Inform Escherichia coli Enterobacteriaceae Nigeria Female  
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## 304 1147342 Inform Pseudomonas aeruginosa Non-Enterobacteriaceae Kenya Female  
## 305 1227225 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 306 1248554 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
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## 560 1662454 Inform Escherichia coli Enterobacteriaceae South Africa Male  
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## 919 1979150 Atlas Escherichia coli Enterobacteriaceae South Africa Male  
## 920 1979151 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 921 1979152 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 922 1979153 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 923 1986003 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 924 1986005 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 925 1986006 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 926 1986008 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 927 1986010 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 928 1986012 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 929 1986013 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 930 1986015 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 931 1986016 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 932 1986017 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 933 1986018 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 934 1986022 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 935 1986024 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 936 1986025 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 937 1986026 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 938 1986030 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 939 1986032 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 940 1986034 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 941 1986035 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 942 1986038 Atlas Klebsiella oxytoca Enterobacteriaceae Morocco Female  
## 943 1986041 Atlas Escherichia coli Enterobacteriaceae Morocco Female  
## 944 1986053 Atlas Escherichia coli Enterobacteriaceae Morocco Female  
## 945 1986054 Atlas Escherichia coli Enterobacteriaceae Morocco Female  
## 946 1986059 Atlas Escherichia coli Enterobacteriaceae Morocco Female  
## 947 1986066 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Morocco Female  
## 948 1986110 Atlas Klebsiella oxytoca Enterobacteriaceae Morocco Female  
## 949 1986142 Atlas Providencia rettgeri Enterobacteriaceae Morocco Male  
## 950 2000913 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 951 2000916 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 952 2000929 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 953 2000932 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 954 2000937 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 955 2001021 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 956 2001030 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 957 2001031 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 958 2001033 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 959 2001106 Atlas Escherichia coli Enterobacteriaceae South Africa Male  
## 960 2001137 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 961 2001142 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 962 2001143 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 963 2001144 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 964 2001145 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 965 2001147 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 966 2001149 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 967 2001160 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 968 2001161 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 969 2001165 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 970 2001170 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 971 2001175 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 972 2001182 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 973 2001184 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 974 2001186 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 975 2001196 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 976 2001197 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 977 2001200 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 978 2001207 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 979 2001209 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 980 2001222 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 981 2001248 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 982 2001250 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 983 2001255 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 984 2001258 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 985 2001261 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 986 2001262 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 987 2001288 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 988 2001289 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 989 2001291 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 990 2001292 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 991 2001293 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 992 2001294 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 993 2001296 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 994 2001308 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 995 2001311 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 996 2001314 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 997 2001315 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria   
## 998 2001316 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 999 2001348 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1000 2027449 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 1001 2027469 Atlas Escherichia coli Enterobacteriaceae South Africa Male  
## 1002 2027477 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 1003 2027478 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 1004 2027481 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 1005 2027486 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 1006 2027487 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 1007 2027489 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 1008 2027492 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 1009 2027495 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 1010 2027496 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 1011 2027497 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 1012 2027499 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 1013 2027500 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 1014 2027501 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female  
## 1015 2027504 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male  
## 1016 2027536 Atlas Enterobacter cloacae Enterobacteriaceae South Africa Female  
## 1017 2027538 Atlas Enterobacter cloacae Enterobacteriaceae South Africa Male  
## 1018 2027548 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 1019 2044539 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1020 2044541 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1021 2044542 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1022 2044548 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1023 2044549 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1024 2044552 Atlas Proteus mirabilis Enterobacteriaceae Nigeria Female  
## 1025 2044559 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1026 2044562 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1027 2044563 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1028 2044565 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria   
## 1029 2044566 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1030 2044567 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
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## 1033 2044570 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1034 2044572 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1035 2044575 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1036 2044591 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1037 2044595 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1038 2044596 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1039 2044603 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1040 2044604 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1041 2044608 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1042 2044613 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1043 2044614 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1044 2044615 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1045 2044620 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1046 2044627 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1047 2044628 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1048 2044629 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1049 2044630 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1050 2044633 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1051 2044634 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1052 2044638 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1053 2044645 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1054 2044648 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1055 2044651 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1056 2044655 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1057 2044659 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1058 2044660 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1059 2044665 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1060 2044667 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1061 2044668 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1062 2044669 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1063 2044673 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1064 2044675 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1065 2044677 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1066 2044679 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1067 2044681 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1068 2044688 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1069 2044694 Atlas Providencia rettgeri Enterobacteriaceae Nigeria Female  
## 1070 2044696 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1071 2044710 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1072 2044713 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1073 2044716 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1074 2044721 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Nigeria Male  
## 1075 2044722 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Nigeria Male  
## 1076 2044726 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1077 2044733 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Nigeria Female  
## 1078 2044737 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1079 2044738 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Nigeria Male  
## 1080 2050387 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 1081 2050397 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1082 2050399 Atlas Escherichia coli Enterobacteriaceae Morocco Male  
## 1083 2050403 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 1084 2050408 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1085 2050409 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1086 2050410 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1087 2050416 Atlas Escherichia coli Enterobacteriaceae Morocco Male  
## 1088 2050418 Atlas Escherichia coli Enterobacteriaceae Morocco Female  
## 1089 2050426 Atlas Escherichia coli Enterobacteriaceae Morocco Female  
## 1090 2050428 Atlas Escherichia coli Enterobacteriaceae Morocco Male  
## 1091 2050430 Atlas Escherichia coli Enterobacteriaceae Morocco Male  
## 1092 2050431 Atlas Escherichia coli Enterobacteriaceae Morocco Male  
## 1093 2050433 Atlas Escherichia coli Enterobacteriaceae Morocco Female  
## 1094 2050436 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1095 2050469 Atlas Escherichia coli Enterobacteriaceae Morocco Male  
## 1096 2050471 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1097 2050525 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 1098 2050526 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1099 2050527 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 1100 2050530 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1101 2050533 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1102 2057263 Atlas Escherichia coli Enterobacteriaceae Morocco Female  
## 1103 2057271 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1104 2057272 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 1105 2057274 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1106 2057275 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1107 2057276 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1108 2057278 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 1109 2057280 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1110 2057283 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1111 2057285 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1112 2057286 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 1113 2057287 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1114 2057288 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 1115 2057290 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1116 2057291 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1117 2057292 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1118 2057293 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1119 2057294 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1120 2057295 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male  
## 1121 2057296 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female  
## 1122 2057320 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Morocco Male  
## 1123 2057322 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Morocco Male  
## 1124 2057355 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Morocco Male  
## 1125 2105162 Atlas Escherichia coli Enterobacteriaceae South Africa Female  
## 1126 2234938 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1127 2234940 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1128 2234953 Atlas Enterobacter cloacae Enterobacteriaceae Nigeria Female  
## 1129 2234956 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1130 2234962 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1131 2234964 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female  
## 1132 2234969 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Nigeria Female  
## 1133 2234973 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1134 2234978 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1135 2234984 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1136 2234992 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1137 2235002 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1138 2235010 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## 1139 2235033 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1140 2235045 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1141 2235049 Atlas Pseudomonas aeruginosa Non-Enterobacteriaceae Nigeria Male  
## 1142 2235057 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1143 2240124 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1144 2240126 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1145 2240127 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1146 2240129 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1147 2240132 Atlas Escherichia coli Enterobacteriaceae Nigeria Male  
## 1148 2240133 Atlas Escherichia coli Enterobacteriaceae Nigeria Female  
## 1149 2240138 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male  
## Age.Group Speciality Source In...Out.Patient Year Phenotype  
## 1 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 2 Unknown Surgery General Wound Inpatient 2013 ESBL  
## 3 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 4 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 5 Unknown Surgery General Urine Inpatient 2013 ESBL  
## 6 19 to 64 Years Surgery General None Given Inpatient 2013 ESBL  
## 7 19 to 64 Years Surgery General Urine Inpatient 2013 ESBL  
## 8 0 to 2 Years Pediatric General Wound Inpatient 2013 ESBL  
## 9 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 10 0 to 2 Years Emergency Room Wound Outpatient 2013 ESBL  
## 11 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 12 Unknown Surgery General Skin: Other Inpatient 2013 ESBL  
## 13 0 to 2 Years Emergency Room Wound Outpatient 2013 ESBL  
## 14 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 15 0 to 2 Years Pediatric General Skin: Other Inpatient 2013 ESBL  
## 16 Unknown Surgery General Wound Inpatient 2013 ESBL  
## 17 19 to 64 Years Surgery ICU None Given Inpatient 2013 ESBL  
## 18 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 19 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 20 19 to 64 Years General Unspecified ICU Urine Inpatient 2013 ESBL  
## 21 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 22 19 to 64 Years General Unspecified ICU Wound Inpatient 2013 ESBL  
## 23 19 to 64 Years None Given Wound None Given 2013 ESBL  
## 24 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 25 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 26 Unknown Medicine General Wound Inpatient 2013 ESBL  
## 27 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 28 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 29 Unknown Medicine General Wound Inpatient 2013 ESBL  
## 30 65 to 84 Years General Unspecified ICU Skin: Other Inpatient 2013 ESBL  
## 31 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 32 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 33 19 to 64 Years Surgery General Urine Inpatient 2013 ESBL  
## 34 19 to 64 Years Surgery General Urine Inpatient 2013 ESBL  
## 35 Unknown Surgery General Urine Inpatient 2013 ESBL  
## 36 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 37 19 to 64 Years Surgery General Urine Inpatient 2013 ESBL  
## 38 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 39 65 to 84 Years Medicine General Skin: Other Inpatient 2013 ESBL  
## 40 19 to 64 Years Other Urine None Given 2013 ESBL  
## 41 Unknown Medicine General Urine Inpatient 2013 ESBL  
## 42 0 to 2 Years Emergency Room Wound Outpatient 2013 ESBL  
## 43 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 44 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 45 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 46 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 47 0 to 2 Years Emergency Room Wound Outpatient 2013 ESBL  
## 48 19 to 64 Years Medicine General Sputum Inpatient 2013 ESBL  
## 49 19 to 64 Years Medicine General Sputum Inpatient 2013 ESBL  
## 50 Unknown Medicine General Sputum Inpatient 2013 ESBL  
## 51 0 to 2 Years Other Wound None Given 2013 ESBL  
## 52 Unknown Surgery General Wound Inpatient 2013 ESBL  
## 53 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 54 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 55 19 to 64 Years Medicine ICU Wound Inpatient 2013 ESBL  
## 56 19 to 64 Years Medicine General Skin: Other Inpatient 2013 ESBL  
## 57 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 58 3 to 12 Years Pediatric General Urine Inpatient 2013 ESBL  
## 59 85 and Over Medicine ICU Endotracheal aspirate Inpatient 2013 ESBL  
## 60 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2013 ESBL  
## 61 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2013 ESBL  
## 62 65 to 84 Years Medicine General Gastric Abscess Inpatient 2013 ESBL  
## 63 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 64 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 65 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 66 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 67 65 to 84 Years General Unspecified ICU Urine Inpatient 2013 ESBL  
## 68 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 69 19 to 64 Years Medicine General Skin: Other Inpatient 2013 ESBL  
## 70 19 to 64 Years General Unspecified ICU Skin: Other Inpatient 2013 ESBL  
## 71 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 72 0 to 2 Years Pediatric General Wound Inpatient 2013 ESBL  
## 73 0 to 2 Years Pediatric ICU Wound Inpatient 2013 ESBL  
## 74 65 to 84 Years Medicine ICU Skin: Other Inpatient 2013 ESBL  
## 75 19 to 64 Years None Given Skin: Other None Given 2013 ESBL  
## 76 65 to 84 Years Medicine General Wound Inpatient 2013 ESBL  
## 77 19 to 64 Years None Given Respiratory: Other None Given 2013 ESBL  
## 78 65 to 84 Years Surgery General Intestinal: Other Inpatient 2013 ESBL  
## 79 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2013 ESBL  
## 80 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 81 19 to 64 Years Medicine General Intestinal: Other Inpatient 2013 ESBL  
## 82 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2013 ESBL  
## 83 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2013 ESBL  
## 84 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2013 ESBL  
## 85 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2013 ESBL  
## 86 3 to 12 Years Pediatric General Urine Inpatient 2013 ESBL  
## 87 85 and Over Medicine General Urine Inpatient 2013 ESBL  
## 88 3 to 12 Years Pediatric General Urine Inpatient 2013 ESBL  
## 89 65 to 84 Years Medicine General Skin: Other Inpatient 2013 ESBL  
## 90 19 to 64 Years Medicine General Urine Inpatient 2013 ESBL  
## 91 19 to 64 Years Surgery General Wound Inpatient 2013 ESBL  
## 92 19 to 64 Years Medicine General Wound Inpatient 2013 ESBL  
## 93 65 to 84 Years Surgery General Intestinal: Other Inpatient 2013 ESBL  
## 94 65 to 84 Years Surgery General Abscess Inpatient 2013 ESBL  
## 95 65 to 84 Years Surgery ICU Respiratory: Other Inpatient 2013 ESBL  
## 96 65 to 84 Years None Given Urine None Given 2014 ESBL  
## 97 19 to 64 Years None Given Appendix None Given 2014 ESBL  
## 98 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2014 ESBL  
## 99 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 100 65 to 84 Years Medicine General Endotracheal aspirate Inpatient 2014 ESBL  
## 101 65 to 84 Years Medicine ICU Sputum Inpatient 2014 ESBL  
## 102 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 103 65 to 84 Years Medicine ICU Abscess Inpatient 2014 ESBL  
## 104 65 to 84 Years Medicine General Sputum Inpatient 2014 ESBL  
## 105 65 to 84 Years Medicine ICU Urine Inpatient 2014 ESBL  
## 106 19 to 64 Years Medicine ICU Wound Inpatient 2014 ESBL  
## 107 65 to 84 Years Medicine General Wound Inpatient 2014 ESBL  
## 108 0 to 2 Years Medicine General Wound Inpatient 2014 ESBL  
## 109 65 to 84 Years Medicine ICU Sputum Inpatient 2014 ESBL  
## 110 0 to 2 Years Pediatric General Sputum Inpatient 2014 ESBL  
## 111 0 to 2 Years Pediatric General Urine Inpatient 2014 ESBL  
## 112 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 113 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014 ESBL  
## 114 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 115 13 to 18 Years Medicine General Abscess Inpatient 2014 ESBL  
## 116 19 to 64 Years Emergency Room Peritoneal Fluid Outpatient 2014 ESBL  
## 117 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2014 ESBL  
## 118 0 to 2 Years Medicine General Bladder Inpatient 2014 ESBL  
## 119 19 to 64 Years Medicine General Sputum Inpatient 2014 ESBL  
## 120 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 121 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 122 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2014 ESBL  
## 123 3 to 12 Years Pediatric General Wound Inpatient 2014 ESBL  
## 124 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 125 19 to 64 Years Surgery ICU Peritoneal Fluid Inpatient 2014 ESBL  
## 126 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014 ESBL  
## 127 19 to 64 Years Surgery General Peritoneal Fluid Inpatient 2014 ESBL  
## 128 19 to 64 Years General Unspecified ICU Peritoneal Fluid Inpatient 2014 ESBL  
## 129 19 to 64 Years Surgery ICU Abscess Inpatient 2014 ESBL  
## 130 19 to 64 Years General Unspecified ICU Abscess Inpatient 2014 ESBL  
## 131 19 to 64 Years Medicine General Sputum Inpatient 2014 ESBL  
## 132 0 to 2 Years Pediatric General Urine Inpatient 2014 ESBL  
## 133 65 to 84 Years General Unspecified ICU Urine Inpatient 2014 ESBL  
## 134 0 to 2 Years Pediatric ICU Urine Inpatient 2014 ESBL  
## 135 13 to 18 Years Medicine General Urine Inpatient 2014 ESBL  
## 136 13 to 18 Years Medicine General Urine Inpatient 2014 ESBL  
## 137 0 to 2 Years Pediatric ICU Urine Inpatient 2014 ESBL  
## 138 19 to 64 Years General Unspecified ICU Urine Inpatient 2014 ESBL  
## 139 19 to 64 Years General Unspecified ICU Sputum Inpatient 2014 ESBL  
## 140 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 141 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 142 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 143 65 to 84 Years Medicine General Wound Inpatient 2014 ESBL  
## 144 0 to 2 Years Pediatric ICU Sputum Inpatient 2014 ESBL  
## 145 19 to 64 Years General Unspecified ICU Urine Inpatient 2014 ESBL  
## 146 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 147 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 148 65 to 84 Years General Unspecified ICU Sputum Inpatient 2014 ESBL  
## 149 19 to 64 Years General Unspecified ICU Wound Inpatient 2014 ESBL  
## 150 19 to 64 Years None Given Wound None Given 2014 ESBL  
## 151 65 to 84 Years Surgery General Sputum Inpatient 2014 ESBL  
## 152 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 153 19 to 64 Years Surgery ICU Peritoneal Fluid Inpatient 2014 ESBL  
## 154 19 to 64 Years General Unspecified ICU Wound Inpatient 2014 ESBL  
## 155 65 to 84 Years Surgery ICU Blood Inpatient 2014 ESBL  
## 156 19 to 64 Years Medicine General Colon Inpatient 2014 ESBL  
## 157 65 to 84 Years Surgery General Gastric Abscess Inpatient 2014 ESBL  
## 158 19 to 64 Years Surgery ICU Wound Inpatient 2014 ESBL  
## 159 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 160 65 to 84 Years Surgery General Wound Inpatient 2014 ESBL  
## 161 19 to 64 Years Emergency Room Wound Outpatient 2014 ESBL  
## 162 0 to 2 Years Pediatric General Urine Inpatient 2014 ESBL  
## 163 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 164 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 165 19 to 64 Years Surgery ICU Respiratory: Other Inpatient 2014 ESBL  
## 166 0 to 2 Years Pediatric ICU Blood Inpatient 2014 ESBL  
## 167 19 to 64 Years None Given Respiratory: Other None Given 2014 ESBL  
## 168 19 to 64 Years Surgery ICU Urine Inpatient 2014 ESBL  
## 169 0 to 2 Years Surgery ICU Wound Inpatient 2014 ESBL  
## 170 65 to 84 Years Surgery General Abscess Inpatient 2014 ESBL  
## 171 Unknown Pediatric General Blood Inpatient 2014 ESBL  
## 172 65 to 84 Years Medicine ICU Wound Inpatient 2014 ESBL  
## 173 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2014 ESBL  
## 174 65 to 84 Years Medicine ICU Sputum Inpatient 2014 ESBL  
## 175 19 to 64 Years Medicine ICU Respiratory: Other Inpatient 2014 ESBL  
## 176 Unknown Pediatric ICU Intestinal: Other Inpatient 2014 ESBL  
## 177 85 and Over Medicine ICU Urine Inpatient 2014 ESBL  
## 178 85 and Over Medicine ICU Respiratory: Other Inpatient 2014 ESBL  
## 179 65 to 84 Years Medicine ICU Bronchoalveolar lavage Inpatient 2014 ESBL  
## 180 65 to 84 Years Medicine ICU Blood Inpatient 2014 ESBL  
## 181 19 to 64 Years Medicine ICU Blood Inpatient 2014 ESBL  
## 182 Unknown Pediatric ICU Wound Inpatient 2014 ESBL  
## 183 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 184 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 185 65 to 84 Years Medicine ICU Urine Inpatient 2014 ESBL  
## 186 19 to 64 Years Surgery ICU Blood Inpatient 2014 ESBL  
## 187 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 188 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 189 19 to 64 Years Medicine ICU Urine Inpatient 2014 ESBL  
## 190 3 to 12 Years Pediatric General Wound Inpatient 2014 ESBL  
## 191 65 to 84 Years Surgery General Bladder Inpatient 2014 ESBL  
## 192 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 193 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 194 19 to 64 Years Surgery General Bladder Inpatient 2014 ESBL  
## 195 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 196 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 197 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 198 19 to 64 Years Medicine General Bladder Inpatient 2014 ESBL  
## 199 3 to 12 Years Pediatric General Ulcer Inpatient 2014 ESBL  
## 200 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 201 Unknown Pediatric General Urine Inpatient 2014 ESBL  
## 202 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 203 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 204 65 to 84 Years Medicine General Sputum Inpatient 2014 ESBL  
## 205 19 to 64 Years Medicine General Abscess Inpatient 2014 ESBL  
## 206 0 to 2 Years Pediatric General Wound Inpatient 2014 ESBL  
## 207 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 208 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 209 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 210 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 211 13 to 18 Years Pediatric General Blood Inpatient 2014 ESBL  
## 212 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 213 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 214 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2014 ESBL  
## 215 19 to 64 Years Pediatric General Wound Inpatient 2014 ESBL  
## 216 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 217 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2014 ESBL  
## 218 65 to 84 Years Surgery General Wound Inpatient 2014 ESBL  
## 219 19 to 64 Years Medicine General Sputum Inpatient 2014 ESBL  
## 220 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 221 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 222 19 to 64 Years Medicine General Abscess Inpatient 2014 ESBL  
## 223 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 224 19 to 64 Years Surgery General Ulcer Inpatient 2014 ESBL  
## 225 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 226 0 to 2 Years Medicine General Wound Inpatient 2014 ESBL  
## 227 19 to 64 Years Emergency Room Wound Outpatient 2014 ESBL  
## 228 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 229 0 to 2 Years Pediatric ICU Blood Inpatient 2014 ESBL  
## 230 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 231 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 232 19 to 64 Years Medicine General Thoracentesis Fluid Inpatient 2014 ESBL  
## 233 19 to 64 Years Emergency Room Thoracentesis Fluid Outpatient 2014 ESBL  
## 234 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 235 65 to 84 Years Surgery General Wound Inpatient 2014 ESBL  
## 236 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 237 19 to 64 Years Surgery ICU Burn Inpatient 2014 ESBL  
## 238 19 to 64 Years Medicine General Bladder Inpatient 2014 ESBL  
## 239 19 to 64 Years Surgery ICU Wound Inpatient 2014 ESBL  
## 240 65 to 84 Years Surgery General Urine Inpatient 2014 ESBL  
## 241 19 to 64 Years Surgery ICU Impetiginous lesions Inpatient 2014 ESBL  
## 242 19 to 64 Years Medicine General Burn Inpatient 2014 ESBL  
## 243 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 244 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 245 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 246 19 to 64 Years Pediatric ICU Blood Inpatient 2014 ESBL  
## 247 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 248 65 to 84 Years Medicine General Urine Inpatient 2014 ESBL  
## 249 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 250 65 to 84 Years Emergency Room Urine Outpatient 2014 ESBL  
## 251 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 252 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 253 0 to 2 Years Pediatric ICU Blood Inpatient 2014 ESBL  
## 254 0 to 2 Years Surgery General Urine Inpatient 2014 ESBL  
## 255 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 256 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 257 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 258 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 259 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 260 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 261 19 to 64 Years Pediatric General Urine Inpatient 2014 ESBL  
## 262 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 263 19 to 64 Years Surgery General Urine Inpatient 2014 ESBL  
## 264 19 to 64 Years Medicine General Bladder Inpatient 2014 ESBL  
## 265 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 266 19 to 64 Years Surgery General Prostate Inpatient 2014 ESBL  
## 267 3 to 12 Years Medicine General Urine Inpatient 2014 ESBL  
## 268 65 to 84 Years Medicine General Prostate Inpatient 2014 ESBL  
## 269 0 to 2 Years Pediatric General Wound Inpatient 2014 ESBL  
## 270 19 to 64 Years None Given Wound None Given 2014 ESBL  
## 271 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 272 19 to 64 Years Medicine General Abscess Inpatient 2014 ESBL  
## 273 19 to 64 Years Surgery General Ulcer Inpatient 2014 ESBL  
## 274 0 to 2 Years Surgery General Peritoneal Fluid Inpatient 2014 ESBL  
## 275 0 to 2 Years Surgery General Abscess Inpatient 2014 ESBL  
## 276 19 to 64 Years Surgery General Abscess Inpatient 2014 ESBL  
## 277 65 to 84 Years None Given Wound None Given 2014 ESBL  
## 278 19 to 64 Years Surgery General Cellulitis Inpatient 2014 ESBL  
## 279 19 to 64 Years Surgery General Burn Inpatient 2014 ESBL  
## 280 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 281 19 to 64 Years Medicine General Abscess Inpatient 2014 ESBL  
## 282 19 to 64 Years Emergency Room Urine Outpatient 2014 ESBL  
## 283 85 and Over Surgery General Prostate Inpatient 2014 ESBL  
## 284 0 to 2 Years Pediatric General Wound Inpatient 2014 ESBL  
## 285 19 to 64 Years Surgery General Wound Inpatient 2014 ESBL  
## 286 3 to 12 Years Surgery General Gastric Abscess Inpatient 2014 ESBL  
## 287 13 to 18 Years Surgery General Wound Inpatient 2014 ESBL  
## 288 19 to 64 Years General Unspecified ICU Thoracentesis Fluid Inpatient 2014 ESBL  
## 289 65 to 84 Years Emergency Room Prostate Outpatient 2014 ESBL  
## 290 19 to 64 Years Medicine General Prostate Inpatient 2014 ESBL  
## 291 19 to 64 Years Emergency Room Blood Outpatient 2014 ESBL  
## 292 19 to 64 Years None Given Blood None Given 2014 ESBL  
## 293 19 to 64 Years Medicine General Sputum Inpatient 2014 ESBL  
## 294 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 295 65 to 84 Years Medicine General Blood Inpatient 2014 ESBL  
## 296 19 to 64 Years Medicine General Urethra Inpatient 2014 ESBL  
## 297 19 to 64 Years Surgery General Skin: Other Inpatient 2014 ESBL  
## 298 19 to 64 Years Medicine General Wound Inpatient 2014 ESBL  
## 299 19 to 64 Years Other Wound None Given 2014 ESBL  
## 300 19 to 64 Years Other Urine None Given 2014 ESBL  
## 301 85 and Over Other Urine None Given 2014 ESBL  
## 302 19 to 64 Years Medicine General Urine Inpatient 2014 ESBL  
## 303 19 to 64 Years Medicine General Blood Inpatient 2014 ESBL  
## 304 65 to 84 Years Medicine General Cellulitis Inpatient 2014 ESBL  
## 305 19 to 64 Years Medicine General Sputum Inpatient 2015 ESBL  
## 306 19 to 64 Years Medicine General Wound Inpatient 2015 ESBL  
## 307 19 to 64 Years Medicine General Sputum Inpatient 2015 ESBL  
## 308 65 to 84 Years General Unspecified ICU Ulcer Inpatient 2015 ESBL  
## 309 65 to 84 Years Medicine General Respiratory: Other Inpatient 2015 ESBL  
## 310 65 to 84 Years Emergency Room Urine Outpatient 2015 ESBL  
## 311 19 to 64 Years Medicine General Burn Inpatient 2015 ESBL  
## 312 65 to 84 Years Medicine General Wound Inpatient 2015 ESBL  
## 313 65 to 84 Years Medicine General Sputum Inpatient 2015 ESBL  
## 314 65 to 84 Years Medicine General Blood Inpatient 2015 ESBL  
## 315 65 to 84 Years Other Colon None Given 2015 ESBL  
## 316 19 to 64 Years Medicine General Abscess Inpatient 2015 ESBL  
## 317 65 to 84 Years Medicine General Sputum Inpatient 2015 ESBL  
## 318 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2015 ESBL  
## 319 19 to 64 Years Medicine General Sputum Inpatient 2015 ESBL  
## 320 19 to 64 Years None Given Endotracheal aspirate None Given 2015 ESBL  
## 321 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015 ESBL  
## 322 0 to 2 Years Medicine General Endotracheal aspirate Inpatient 2015 ESBL  
## 323 65 to 84 Years Medicine General Genitourinary: Other Inpatient 2015 ESBL  
## 324 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2015 ESBL  
## 325 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2015 ESBL  
## 326 19 to 64 Years None Given Pancreas None Given 2015 ESBL  
## 327 19 to 64 Years Surgery ICU Gastric Abscess Inpatient 2015 ESBL  
## 328 19 to 64 Years Surgery General Intestinal: Other Inpatient 2015 ESBL  
## 329 19 to 64 Years Medicine General Sputum Inpatient 2015 ESBL  
## 330 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015 ESBL  
## 331 19 to 64 Years General Unspecified ICU Sputum Inpatient 2015 ESBL  
## 332 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2015 ESBL  
## 333 65 to 84 Years General Unspecified ICU Urine Inpatient 2015 ESBL  
## 334 19 to 64 Years Surgery General Urine Inpatient 2015 ESBL  
## 335 65 to 84 Years Medicine General Urine Inpatient 2015 ESBL  
## 336 0 to 2 Years Pediatric General Sputum Inpatient 2015 ESBL  
## 337 19 to 64 Years General Unspecified ICU Sputum Inpatient 2015 ESBL  
## 338 19 to 64 Years General Unspecified ICU Sputum Inpatient 2015 ESBL  
## 339 19 to 64 Years Medicine General Intestinal: Other Inpatient 2015 ESBL  
## 340 65 to 84 Years Medicine General Intestinal: Other Inpatient 2015 ESBL  
## 341 85 and Over General Unspecified ICU Urine Inpatient 2015 ESBL  
## 342 19 to 64 Years Medicine General Wound Inpatient 2015 ESBL  
## 343 65 to 84 Years Medicine ICU Sputum Inpatient 2015 ESBL  
## 344 19 to 64 Years Medicine General Wound Inpatient 2015 ESBL  
## 345 19 to 64 Years Emergency Room Wound Outpatient 2016 ESBL  
## 346 65 to 84 Years Medicine General Thoracentesis Fluid Inpatient 2016 ESBL  
## 347 0 to 2 Years Pediatric General Sputum Inpatient 2016 ESBL  
## 348 65 to 84 Years Medicine General Abscess Inpatient 2016 ESBL  
## 349 65 to 84 Years Medicine General Intestinal: Other Inpatient 2016 ESBL  
## 350 0 to 2 Years Medicine General Wound Inpatient 2016 ESBL  
## 351 85 and Over Medicine ICU Sputum Inpatient 2016 ESBL  
## 352 65 to 84 Years Surgery General Ulcer Inpatient 2016 ESBL  
## 353 19 to 64 Years Surgery General Urine Inpatient 2016 ESBL  
## 354 19 to 64 Years Other Gastric Abscess None Given 2016 ESBL  
## 355 65 to 84 Years Medicine General Sputum Inpatient 2016 ESBL  
## 356 85 and Over Medicine General Sputum Inpatient 2016 ESBL  
## 357 65 to 84 Years Medicine General Abscess Inpatient 2016 ESBL  
## 358 19 to 64 Years Medicine General Wound Inpatient 2016 ESBL  
## 359 65 to 84 Years Medicine General Wound Inpatient 2016 ESBL  
## 360 19 to 64 Years Medicine General Wound Inpatient 2016 ESBL  
## 361 19 to 64 Years Medicine General Wound Inpatient 2016 ESBL  
## 362 19 to 64 Years Surgery General Abscess Inpatient 2016 ESBL  
## 363 19 to 64 Years Surgery General Gastric Abscess Inpatient 2016 ESBL  
## 364 65 to 84 Years Surgery ICU Sputum Inpatient 2016 ESBL  
## 365 19 to 64 Years Surgery General Stomach Inpatient 2016 ESBL  
## 366 19 to 64 Years Medicine ICU Intestinal: Other Inpatient 2016 ESBL  
## 367 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2016 ESBL  
## 368 0 to 2 Years Pediatric General Wound Inpatient 2016 ESBL  
## 369 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 370 19 to 64 Years Medicine General Intestinal: Other Inpatient 2016 ESBL  
## 371 65 to 84 Years Surgery General Wound Inpatient 2016 ESBL  
## 372 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 373 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 374 19 to 64 Years None Given Intestinal: Other None Given 2016 ESBL  
## 375 65 to 84 Years Medicine General Cellulitis Inpatient 2016 ESBL  
## 376 13 to 18 Years Surgery General Intestinal: Other Inpatient 2016 ESBL  
## 377 19 to 64 Years Surgery General Wound Inpatient 2016 ESBL  
## 378 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 379 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 380 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 381 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016 ESBL  
## 382 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 383 0 to 2 Years Pediatric General Urine Inpatient 2016 ESBL  
## 384 19 to 64 Years Other Urine None Given 2016 ESBL  
## 385 0 to 2 Years Pediatric General Urine Inpatient 2016 ESBL  
## 386 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 387 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 388 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 389 19 to 64 Years Medicine General Wound Inpatient 2016 ESBL  
## 390 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 391 3 to 12 Years Pediatric General Urine Inpatient 2016 ESBL  
## 392 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016 ESBL  
## 393 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 394 19 to 64 Years Medicine ICU Wound Inpatient 2016 ESBL  
## 395 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016 ESBL  
## 396 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 397 65 to 84 Years Medicine ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 398 19 to 64 Years Medicine General Bronchus Inpatient 2016 ESBL  
## 399 0 to 2 Years Pediatric ICU Blood Inpatient 2016 ESBL  
## 400 3 to 12 Years Pediatric ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 401 19 to 64 Years Emergency Room Sputum Outpatient 2016 ESBL  
## 402 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 403 0 to 2 Years Pediatric ICU Blood Inpatient 2016 ESBL  
## 404 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 405 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016 ESBL  
## 406 19 to 64 Years Medicine General Gastric Abscess Inpatient 2016 ESBL  
## 407 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 408 19 to 64 Years Medicine General Sputum Inpatient 2016 ESBL  
## 409 19 to 64 Years Medicine ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 410 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 411 19 to 64 Years Medicine General Endotracheal aspirate Inpatient 2016 ESBL  
## 412 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 413 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 414 19 to 64 Years Other Wound None Given 2016 ESBL  
## 415 19 to 64 Years Medicine ICU Peritoneal Fluid Inpatient 2016 ESBL  
## 416 65 to 84 Years Medicine General Intestinal: Other Inpatient 2016 ESBL  
## 417 19 to 64 Years General Unspecified ICU Sputum Inpatient 2016 ESBL  
## 418 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 419 19 to 64 Years Medicine General Intestinal: Other Inpatient 2016 ESBL  
## 420 0 to 2 Years Medicine General Bronchoalveolar lavage Inpatient 2016 ESBL  
## 421 65 to 84 Years Medicine ICU Bronchoalveolar lavage Inpatient 2016 ESBL  
## 422 85 and Over Medicine General Sputum Inpatient 2016 ESBL  
## 423 19 to 64 Years General Unspecified ICU Endotracheal aspirate Inpatient 2016 ESBL  
## 424 19 to 64 Years Surgery General Gastric Abscess Inpatient 2016 ESBL  
## 425 19 to 64 Years Medicine General Peritoneal Fluid Inpatient 2016 ESBL  
## 426 19 to 64 Years Surgery General Sputum Inpatient 2016 ESBL  
## 427 19 to 64 Years General Unspecified ICU Sputum Inpatient 2016 ESBL  
## 428 65 to 84 Years Medicine ICU Sputum Inpatient 2016 ESBL  
## 429 19 to 64 Years Surgery ICU Urine Inpatient 2016 ESBL  
## 430 19 to 64 Years Medicine ICU Bronchoalveolar lavage Inpatient 2016 ESBL  
## 431 0 to 2 Years Pediatric General Sputum Inpatient 2016 ESBL  
## 432 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 433 65 to 84 Years Medicine ICU Urine Inpatient 2016 ESBL  
## 434 85 and Over Medicine General Urine Inpatient 2016 ESBL  
## 435 19 to 64 Years Medicine General Blood Inpatient 2016 ESBL  
## 436 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 437 19 to 64 Years Surgery General Urine Inpatient 2016 ESBL  
## 438 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 439 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 440 65 to 84 Years Emergency Room Urine Outpatient 2016 ESBL  
## 441 65 to 84 Years Medicine General Urine Inpatient 2016 ESBL  
## 442 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 443 19 to 64 Years Medicine General Urine Inpatient 2016 ESBL  
## 444 65 to 84 Years General Unspecified ICU Urine Inpatient 2016 ESBL  
## 445 65 to 84 Years Medicine General Abscess 2017 ESBL  
## 446 65 to 84 Years Emergency Room Blood 2017 ESBL  
## 447 85 and Over Emergency Room Blood 2017 ESBL  
## 448 65 to 84 Years Medicine General Wound 2017 ESBL  
## 449 65 to 84 Years Medicine General Abscess 2017 ESBL  
## 450 19 to 64 Years Medicine General Blood 2017 ESBL  
## 451 65 to 84 Years Medicine General Sputum 2017 ESBL  
## 452 65 to 84 Years Medicine General Blood 2017 ESBL  
## 453 13 to 18 Years Medicine General Blood 2017 ESBL  
## 454 65 to 84 Years Surgery General Wound 2017 ESBL  
## 455 13 to 18 Years Medicine General Intestinal: Other 2017 ESBL  
## 456 19 to 64 Years Medicine General Intestinal: Other 2017 ESBL  
## 457 65 to 84 Years Medicine General Ulcer 2017 ESBL  
## 458 19 to 64 Years General Unspecified ICU Endotracheal aspirate 2017 ESBL  
## 459 19 to 64 Years General Unspecified ICU Bronchus 2017 ESBL  
## 460 19 to 64 Years Medicine General Wound 2017 ESBL  
## 461 65 to 84 Years Medicine General Sputum 2017 ESBL  
## 462 19 to 64 Years Surgery General Abscess 2017 ESBL  
## 463 85 and Over Medicine General Sputum 2017 ESBL  
## 464 19 to 64 Years Surgery General Intestinal: Other 2017 ESBL  
## 465 65 to 84 Years General Unspecified ICU Blood 2017 ESBL  
## 466 65 to 84 Years General Unspecified ICU Endotracheal aspirate 2017 ESBL  
## 467 19 to 64 Years Surgery General Stomach 2017 ESBL  
## 468 65 to 84 Years Medicine General Blood 2017 ESBL  
## 469 65 to 84 Years Medicine General Urine 2017 ESBL  
## 470 19 to 64 Years Surgery General Urine 2017 ESBL  
## 471 19 to 64 Years Medicine General Urine 2017 ESBL  
## 472 85 and Over Medicine General Urine 2017 ESBL  
## 473 65 to 84 Years Surgery ICU Sputum 2017 ESBL  
## 474 65 to 84 Years General Unspecified ICU Sputum 2017 ESBL  
## 475 19 to 64 Years Medicine General Sputum 2017 ESBL  
## 476 65 to 84 Years Medicine General Sputum 2017 ESBL  
## 477 85 and Over General Unspecified ICU Endotracheal aspirate 2017 ESBL  
## 478 65 to 84 Years Medicine General Sputum 2017 ESBL  
## 479 19 to 64 Years Surgery General Sputum 2017 ESBL  
## 480 19 to 64 Years Medicine General Peritoneal Fluid 2017 ESBL  
## 481 19 to 64 Years Medicine General Intestinal: Other 2017 ESBL  
## 482 19 to 64 Years Surgery General Abscess 2017 ESBL  
## 483 65 to 84 Years Surgery General Intestinal: Other 2017 ESBL  
## 484 19 to 64 Years Surgery General Cellulitis 2017 ESBL  
## 485 65 to 84 Years General Unspecified ICU Intestinal: Other 2017 ESBL  
## 486 19 to 64 Years General Unspecified ICU Intestinal: Other 2017 ESBL  
## 487 19 to 64 Years Medicine General Wound 2017 ESBL  
## 488 85 and Over None Given Intestinal: Other 2017 ESBL  
## 489 19 to 64 Years Surgery General Intestinal: Other 2017 ESBL  
## 490 65 to 84 Years General Unspecified ICU Cellulitis 2017 ESBL  
## 491 0 to 2 Years Pediatric General Burn 2017 ESBL  
## 492 65 to 84 Years Medicine General Wound 2017 ESBL  
## 493 19 to 64 Years General Unspecified ICU Sputum 2017 ESBL  
## 494 19 to 64 Years General Unspecified ICU Sputum 2017 ESBL  
## 495 19 to 64 Years Medicine General Intestinal: Other 2017 ESBL  
## 496 65 to 84 Years Medicine General Endotracheal aspirate 2017 ESBL  
## 497 19 to 64 Years Surgery General Intestinal: Other 2017 ESBL  
## 498 85 and Over Surgery General Urine 2017 ESBL  
## 499 85 and Over Medicine General Urine 2017 ESBL  
## 500 19 to 64 Years General Unspecified ICU Blood 2017 ESBL  
## 501 19 to 64 Years General Unspecified ICU Sputum 2017 ESBL  
## 502 19 to 64 Years Medicine General Urine 2017 ESBL  
## 503 3 to 12 Years General Unspecified ICU Sputum 2017 ESBL  
## 504 19 to 64 Years General Unspecified ICU Sputum 2017 ESBL  
## 505 65 to 84 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 506 65 to 84 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 507 65 to 84 Years Medicine ICU Sputum 2017 ESBL  
## 508 19 to 64 Years Medicine General Sputum 2017 ESBL  
## 509 19 to 64 Years Medicine General Urine 2017 ESBL  
## 510 19 to 64 Years Medicine General Abscess 2017 ESBL  
## 511 19 to 64 Years Medicine General Urine 2017 ESBL  
## 512 65 to 84 Years Medicine General Intestinal: Other 2017 ESBL  
## 513 65 to 84 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 514 19 to 64 Years Medicine General Urine 2017 ESBL  
## 515 65 to 84 Years General Unspecified ICU Sputum 2017 ESBL  
## 516 19 to 64 Years Medicine General Urine 2017 ESBL  
## 517 19 to 64 Years Medicine General Sputum 2017 ESBL  
## 518 19 to 64 Years Surgery General Abscess 2017 ESBL  
## 519 0 to 2 Years Medicine ICU Sputum 2017 ESBL  
## 520 65 to 84 Years Medicine General Urine 2017 ESBL  
## 521 19 to 64 Years Medicine General Blood 2017 ESBL  
## 522 19 to 64 Years Medicine General Blood 2017 ESBL  
## 523 0 to 2 Years Pediatric ICU Blood 2017 ESBL  
## 524 19 to 64 Years Medicine General Urine 2017 ESBL  
## 525 65 to 84 Years None Given Skin: Other None Given 2005 ESBL  
## 526 19 to 64 Years None Given Sputum None Given 2005 ESBL  
## 527 19 to 64 Years Medicine General Synovial Fluid Inpatient 2005 ESBL  
## 528 19 to 64 Years Medicine General Blood 2017 ESBL  
## 529 Unknown Medicine General Blood 2017 ESBL  
## 530 Unknown Pediatric ICU Endotracheal aspirate 2017 ESBL  
## 531 0 to 2 Years Medicine ICU Blood 2017 ESBL  
## 532 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 533 Unknown Medicine General Blood 2017 ESBL  
## 534 Unknown Medicine General Sputum 2017 ESBL  
## 535 Unknown Medicine General Blood 2017 ESBL  
## 536 0 to 2 Years Pediatric ICU Blood 2017 ESBL  
## 537 19 to 64 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 538 0 to 2 Years Pediatric ICU Blood 2017 ESBL  
## 539 Unknown Medicine General Blood 2017 ESBL  
## 540 85 and Over Medicine General Blood 2017 ESBL  
## 541 0 to 2 Years Pediatric ICU Blood 2017 ESBL  
## 542 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 543 Unknown Medicine General Blood 2017 ESBL  
## 544 19 to 64 Years Medicine General Abdominal Fluid 2017 ESBL  
## 545 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 546 65 to 84 Years Medicine ICU Endotracheal aspirate 2017 ESBL  
## 547 19 to 64 Years Medicine General Blood 2017 ESBL  
## 548 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 549 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 550 13 to 18 Years None Given Blood 2017 ESBL  
## 551 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 552 Unknown General Unspecified ICU Blood 2017 ESBL  
## 553 19 to 64 Years Medicine General Blood 2017 ESBL  
## 554 0 to 2 Years General Unspecified ICU Blood 2017 ESBL  
## 555 19 to 64 Years Medicine General Blood 2017 ESBL  
## 556 0 to 2 Years Medicine General Blood 2017 ESBL  
## 557 19 to 64 Years Medicine General Urine 2017 ESBL  
## 558 19 to 64 Years Medicine General Peritoneal Fluid 2017 ESBL  
## 559 19 to 64 Years None Given Blood 2017 ESBL  
## 560 65 to 84 Years Medicine General Peritoneal Fluid 2017 ESBL  
## 561 0 to 2 Years None Given Blood 2017 ESBL  
## 562 19 to 64 Years Medicine ICU Blood Inpatient 2005 ESBL  
## 563 19 to 64 Years General Unspecified ICU Wound 2018 ESBL  
## 564 19 to 64 Years Medicine General Wound 2018 ESBL  
## 565 19 to 64 Years Medicine General Appendix 2018 ESBL  
## 566 65 to 84 Years Surgery General Gastric Abscess 2018 ESBL  
## 567 19 to 64 Years Medicine General Wound 2018 ESBL  
## 568 65 to 84 Years General Unspecified ICU Sputum 2018 ESBL  
## 569 65 to 84 Years Medicine General Intestinal: Other 2018 ESBL  
## 570 85 and Over Medicine General Wound 2018 ESBL  
## 571 65 to 84 Years Surgery General Wound 2018 ESBL  
## 572 19 to 64 Years General Unspecified ICU Intestinal: Other 2018 ESBL  
## 573 19 to 64 Years Medicine General Wound 2018 ESBL  
## 574 65 to 84 Years Surgery General Intestinal: Other 2018 ESBL  
## 575 19 to 64 Years Medicine General Urine 2018 ESBL  
## 576 19 to 64 Years General Unspecified ICU Endotracheal aspirate 2018 ESBL  
## 577 19 to 64 Years Medicine ICU Sputum 2018 ESBL  
## 578 19 to 64 Years Medicine General Sputum 2018 ESBL  
## 579 0 to 2 Years Pediatric ICU Endotracheal aspirate 2018 ESBL  
## 580 19 to 64 Years Emergency Room Blood 2018 ESBL  
## 581 65 to 84 Years Medicine General Blood 2018 ESBL  
## 582 19 to 64 Years Emergency Room Urine 2018 ESBL  
## 583 19 to 64 Years Medicine General Urine 2018 ESBL  
## 584 19 to 64 Years Surgery General Blood 2018 ESBL  
## 585 0 to 2 Years Medicine General Gastric Abscess 2018 ESBL  
## 586 65 to 84 Years Surgery General Urine 2018 ESBL  
## 587 65 to 84 Years Medicine ICU Urine 2018 ESBL  
## 588 0 to 2 Years Surgery General Abscess 2018 ESBL  
## 589 65 to 84 Years Surgery General Urine 2018 ESBL  
## 590 65 to 84 Years Surgery General Urine 2018 ESBL  
## 591 65 to 84 Years Medicine General Wound 2018 ESBL  
## 592 65 to 84 Years Surgery General Wound 2018 ESBL  
## 593 19 to 64 Years Surgery General Endotracheal aspirate 2018 ESBL  
## 594 3 to 12 Years Medicine General Blood 2018 ESBL  
## 595 3 to 12 Years Pediatric General Blood 2018 ESBL  
## 596 13 to 18 Years Medicine ICU Blood 2018 ESBL  
## 597 19 to 64 Years Emergency Room Blood 2018 ESBL  
## 598 65 to 84 Years Surgery General Blood 2018 ESBL  
## 599 65 to 84 Years Surgery General Wound 2018 ESBL  
## 600 19 to 64 Years Surgery General Wound 2018 ESBL  
## 601 65 to 84 Years Emergency Room Blood 2018 ESBL  
## 602 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 603 65 to 84 Years Surgery General Sputum 2018 ESBL  
## 604 65 to 84 Years Medicine General Blood 2018 ESBL  
## 605 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 606 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 607 19 to 64 Years Surgery General Wound 2018 ESBL  
## 608 19 to 64 Years None Given Wound 2018 ESBL  
## 609 65 to 84 Years Medicine General Blood 2018 ESBL  
## 610 19 to 64 Years Medicine General Blood 2018 ESBL  
## 611 0 to 2 Years Emergency Room Blood 2018 ESBL  
## 612 65 to 84 Years Medicine General Blood 2018 ESBL  
## 613 65 to 84 Years Surgery General Blood 2018 ESBL  
## 614 65 to 84 Years Medicine General Blood 2018 ESBL  
## 615 19 to 64 Years Surgery General Blood 2018 ESBL  
## 616 3 to 12 Years Surgery General Carbuncle 2018 ESBL  
## 617 19 to 64 Years Medicine General Blood 2018 ESBL  
## 618 19 to 64 Years Surgery General Wound 2018 ESBL  
## 619 65 to 84 Years None Given Wound 2018 ESBL  
## 620 19 to 64 Years None Given Wound 2018 ESBL  
## 621 13 to 18 Years None Given Peritoneal Fluid 2018 ESBL  
## 622 19 to 64 Years Emergency Room Blood 2018 ESBL  
## 623 19 to 64 Years Medicine General Blood 2018 ESBL  
## 624 0 to 2 Years None Given Blood 2018 ESBL  
## 625 19 to 64 Years None Given Blood 2018 ESBL  
## 626 19 to 64 Years Surgery General Abscess 2018 ESBL  
## 627 3 to 12 Years Pediatric General Colon 2018 ESBL  
## 628 19 to 64 Years Surgery ICU Intestinal: Other 2018 ESBL  
## 629 13 to 18 Years Surgery ICU Colon 2018 ESBL  
## 630 65 to 84 Years Medicine General Urine 2018 ESBL  
## 631 3 to 12 Years Other Blood 2018 ESBL  
## 632 19 to 64 Years None Given Urine 2018 ESBL  
## 633 19 to 64 Years None Given Urine 2018 ESBL  
## 634 19 to 64 Years Emergency Room Urine 2018 ESBL  
## 635 19 to 64 Years Surgery General Wound 2018 ESBL  
## 636 19 to 64 Years Other Genitourinary: Other 2018 ESBL  
## 637 3 to 12 Years Other Blood 2018 ESBL  
## 638 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 639 3 to 12 Years Pediatric ICU Blood 2018 ESBL  
## 640 0 to 2 Years None Given Wound 2018 ESBL  
## 641 19 to 64 Years Medicine General Wound 2018 ESBL  
## 642 3 to 12 Years Pediatric General Blood 2018 ESBL  
## 643 0 to 2 Years Pediatric ICU Wound 2018 ESBL  
## 644 19 to 64 Years Other Genitourinary: Other 2018 ESBL  
## 645 19 to 64 Years Surgery General Wound 2018 ESBL  
## 646 19 to 64 Years Medicine General Wound 2018 ESBL  
## 647 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 648 19 to 64 Years Surgery General Wound 2018 ESBL  
## 649 19 to 64 Years Medicine General Blood 2018 ESBL  
## 650 19 to 64 Years Medicine General Blood 2018 ESBL  
## 651 19 to 64 Years None Given Urine 2018 ESBL  
## 652 13 to 18 Years Pediatric General Wound 2018 ESBL  
## 653 3 to 12 Years Pediatric ICU Blood 2018 ESBL  
## 654 65 to 84 Years Medicine General Urethra 2018 ESBL  
## 655 13 to 18 Years Pediatric General Bladder 2018 ESBL  
## 656 19 to 64 Years Medicine ICU Blood 2018 ESBL  
## 657 19 to 64 Years Surgery General Kidney 2018 ESBL  
## 658 19 to 64 Years Medicine General Sputum 2018 ESBL  
## 659 19 to 64 Years Surgery General Urethra 2018 ESBL  
## 660 19 to 64 Years Surgery ICU Genitourinary: Other 2018 ESBL  
## 661 19 to 64 Years Surgery ICU Wound 2018 ESBL  
## 662 0 to 2 Years Pediatric ICU Impetiginous lesions 2018 ESBL  
## 663 19 to 64 Years Medicine ICU Blood 2018 ESBL  
## 664 19 to 64 Years Surgery General Urine 2018 ESBL  
## 665 19 to 64 Years None Given Wound 2018 ESBL  
## 666 19 to 64 Years None Given Urine 2018 ESBL  
## 667 19 to 64 Years Medicine General Wound 2018 ESBL  
## 668 19 to 64 Years Surgery General Prostate 2018 ESBL  
## 669 65 to 84 Years Surgery General Urine 2018 ESBL  
## 670 3 to 12 Years Pediatric General Urine 2018 ESBL  
## 671 19 to 64 Years Other Urine 2018 ESBL  
## 672 19 to 64 Years Other Urine 2018 ESBL  
## 673 19 to 64 Years Surgery General Kidney 2018 ESBL  
## 674 19 to 64 Years Surgery General Urine 2018 ESBL  
## 675 19 to 64 Years Other Intestinal: Other 2018 ESBL  
## 676 19 to 64 Years Medicine General Urine 2018 ESBL  
## 677 0 to 2 Years Pediatric General Urine 2018 ESBL  
## 678 3 to 12 Years Pediatric General Urine 2018 ESBL  
## 679 19 to 64 Years Medicine General Urine 2018 ESBL  
## 680 0 to 2 Years Pediatric ICU Wound 2018 ESBL  
## 681 19 to 64 Years Surgery General Appendix 2018 ESBL  
## 682 65 to 84 Years Medicine General Urine 2018 ESBL  
## 683 19 to 64 Years Surgery General Urethra 2018 ESBL  
## 684 19 to 64 Years Medicine General Urine 2018 ESBL  
## 685 19 to 64 Years Medicine General Kidney 2018 ESBL  
## 686 19 to 64 Years Surgery General Urine 2018 ESBL  
## 687 19 to 64 Years Medicine General Urine 2018 ESBL  
## 688 65 to 84 Years Medicine General Wound 2018 ESBL  
## 689 19 to 64 Years Medicine General Urine 2018 ESBL  
## 690 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 691 19 to 64 Years Surgery General Gastric Abscess 2018 ESBL  
## 692 3 to 12 Years Pediatric General Urine 2018 ESBL  
## 693 19 to 64 Years Medicine General Urine 2018 ESBL  
## 694 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 695 19 to 64 Years Surgery General Appendix 2018 ESBL  
## 696 85 and Over Surgery General Urine 2018 ESBL  
## 697 19 to 64 Years Medicine General Blood 2018 ESBL  
## 698 19 to 64 Years General Unspecified ICU Blood 2018 ESBL  
## 699 19 to 64 Years Medicine General Blood 2018 ESBL  
## 700 65 to 84 Years Other Blood 2018 ESBL  
## 701 19 to 64 Years Other Blood 2018 ESBL  
## 702 85 and Over Medicine ICU Blood 2018 ESBL  
## 703 0 to 2 Years General Unspecified ICU Blood 2018 ESBL  
## 704 65 to 84 Years Medicine General Blood 2018 ESBL  
## 705 65 to 84 Years Medicine General Sputum 2018 ESBL  
## 706 85 and Over Medicine General Urine 2018 ESBL  
## 707 85 and Over General Unspecified ICU Sputum 2018 ESBL  
## 708 13 to 18 Years Other Skin: Other 2018 ESBL  
## 709 0 to 2 Years Pediatric ICU Sputum 2018 ESBL  
## 710 13 to 18 Years Medicine General Liver 2018 ESBL  
## 711 65 to 84 Years Medicine ICU Urine 2018 ESBL  
## 712 19 to 64 Years Medicine General Urine 2018 ESBL  
## 713 19 to 64 Years General Unspecified ICU Sputum 2018 ESBL  
## 714 65 to 84 Years Other Sputum 2018 ESBL  
## 715 65 to 84 Years Surgery ICU Bronchus 2018 ESBL  
## 716 85 and Over General Unspecified ICU Sputum 2018 ESBL  
## 717 0 to 2 Years Pediatric ICU Wound 2018 ESBL  
## 718 0 to 2 Years General Unspecified ICU Bronchoalveolar lavage 2018 ESBL  
## 719 65 to 84 Years General Unspecified ICU Colon 2018 ESBL  
## 720 85 and Over Medicine General Urine 2018 ESBL  
## 721 19 to 64 Years Surgery General Bronchus 2018 ESBL  
## 722 0 to 2 Years Pediatric ICU Sputum 2018 ESBL  
## 723 Unknown Medicine General Blood 2018 ESBL  
## 724 0 to 2 Years Pediatric General Gastric Abscess 2018 ESBL  
## 725 0 to 2 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 726 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 727 19 to 64 Years Medicine General Urine 2018 ESBL  
## 728 Unknown Medicine ICU Blood 2018 ESBL  
## 729 19 to 64 Years Medicine General Urine 2018 ESBL  
## 730 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 731 19 to 64 Years Medicine General Urine 2018 ESBL  
## 732 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 733 19 to 64 Years Medicine General Peritoneal Fluid 2018 ESBL  
## 734 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 735 65 to 84 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 736 Unknown Medicine General Blood 2018 ESBL  
## 737 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 738 19 to 64 Years Medicine General Urine 2018 ESBL  
## 739 Unknown Medicine General Sputum 2018 ESBL  
## 740 19 to 64 Years Surgery ICU Bronchus 2018 ESBL  
## 741 19 to 64 Years Medicine General Blood 2018 ESBL  
## 742 0 to 2 Years Surgery ICU Bronchus 2018 ESBL  
## 743 19 to 64 Years Medicine General Blood 2018 ESBL  
## 744 65 to 84 Years Medicine General Blood 2018 ESBL  
## 745 3 to 12 Years Pediatric ICU Blood 2018 ESBL  
## 746 65 to 84 Years Medicine General Urine 2018 ESBL  
## 747 19 to 64 Years Medicine General Sputum 2018 ESBL  
## 748 13 to 18 Years Medicine General Sputum 2018 ESBL  
## 749 65 to 84 Years Surgery General Peritoneal Fluid 2018 ESBL  
## 750 19 to 64 Years Emergency Room Urine 2018 ESBL  
## 751 65 to 84 Years Surgery General Blood 2018 ESBL  
## 752 65 to 84 Years Surgery General Bronchus 2018 ESBL  
## 753 19 to 64 Years Medicine General Blood 2018 ESBL  
## 754 85 and Over Medicine ICU Blood 2018 ESBL  
## 755 19 to 64 Years Medicine ICU Blood 2018 ESBL  
## 756 19 to 64 Years Medicine General Blood 2018 ESBL  
## 757 19 to 64 Years Surgery ICU Bronchoalveolar lavage 2018 ESBL  
## 758 0 to 2 Years Pediatric ICU Bronchoalveolar lavage 2018 ESBL  
## 759 65 to 84 Years General Unspecified ICU Blood 2018 ESBL  
## 760 19 to 64 Years Medicine General Blood 2018 ESBL  
## 761 65 to 84 Years Surgery General Gall Bladder 2018 ESBL  
## 762 65 to 84 Years None Given Gastric Abscess 2018 ESBL  
## 763 3 to 12 Years Pediatric ICU Blood 2018 ESBL  
## 764 19 to 64 Years Medicine General Blood 2018 ESBL  
## 765 0 to 2 Years Pediatric ICU Bronchoalveolar lavage 2018 ESBL  
## 766 Unknown Surgery General Blood 2018 ESBL  
## 767 19 to 64 Years Medicine General Blood 2018 ESBL  
## 768 19 to 64 Years Medicine ICU Urine 2018 ESBL  
## 769 13 to 18 Years Medicine General Urine 2018 ESBL  
## 770 3 to 12 Years Surgery General Urine 2018 ESBL  
## 771 19 to 64 Years Surgery General Peritoneal Fluid 2018 ESBL  
## 772 65 to 84 Years Surgery General Peritoneal Fluid 2018 ESBL  
## 773 65 to 84 Years Surgery ICU Blood 2018 ESBL  
## 774 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 775 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 776 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 777 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 778 65 to 84 Years Surgery ICU Blood 2018 ESBL  
## 779 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 780 0 to 2 Years Pediatric General Blood 2018 ESBL  
## 781 19 to 64 Years Medicine General Urine 2018 ESBL  
## 782 19 to 64 Years Medicine General Urine 2018 ESBL  
## 783 19 to 64 Years Medicine General Urine 2018 ESBL  
## 784 19 to 64 Years Surgery General Urine 2018 ESBL  
## 785 19 to 64 Years Surgery General Appendix 2018 ESBL  
## 786 0 to 2 Years Pediatric ICU Peritoneal Fluid 2018 ESBL  
## 787 19 to 64 Years Surgery General Pancreas 2018 ESBL  
## 788 19 to 64 Years Surgery General Peritoneal Fluid 2018 ESBL  
## 789 65 to 84 Years Surgery General Gastric Abscess 2018 ESBL  
## 790 19 to 64 Years Surgery General Peritoneal Fluid 2018 ESBL  
## 791 3 to 12 Years Medicine General Intestinal: Other 2018 ESBL  
## 792 0 to 2 Years None Given Endotracheal aspirate 2018 ESBL  
## 793 13 to 18 Years Pediatric ICU Respiratory: Other 2018 ESBL  
## 794 3 to 12 Years Pediatric General Sputum 2018 ESBL  
## 795 19 to 64 Years Surgery General Abscess 2018 ESBL  
## 796 19 to 64 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 797 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 798 19 to 64 Years Surgery General Appendix 2018 ESBL  
## 799 19 to 64 Years Medicine ICU Bronchus 2018 ESBL  
## 800 13 to 18 Years Pediatric General Urine 2018 ESBL  
## 801 19 to 64 Years Medicine General Cellulitis 2018 ESBL  
## 802 0 to 2 Years Pediatric ICU Endotracheal aspirate 2018 ESBL  
## 803 65 to 84 Years Surgery ICU Urine 2018 ESBL  
## 804 19 to 64 Years Surgery ICU Urine 2018 ESBL  
## 805 19 to 64 Years Surgery General Urethra 2018 ESBL  
## 806 65 to 84 Years Medicine General Ureter 2018 ESBL  
## 807 3 to 12 Years Pediatric General Urine 2018 ESBL  
## 808 0 to 2 Years Pediatric ICU Urine 2018 ESBL  
## 809 Unknown Pediatric General Urine 2018 ESBL  
## 810 19 to 64 Years Medicine General Urine 2018 ESBL  
## 811 19 to 64 Years Medicine ICU Blood 2018 ESBL  
## 812 65 to 84 Years Medicine ICU Blood 2018 ESBL  
## 813 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 814 13 to 18 Years Pediatric General Blood 2018 ESBL  
## 815 3 to 12 Years Pediatric ICU Bronchoalveolar lavage 2018 ESBL  
## 816 19 to 64 Years Medicine ICU Endotracheal aspirate 2018 ESBL  
## 817 3 to 12 Years Pediatric ICU Endotracheal aspirate 2018 ESBL  
## 818 65 to 84 Years Medicine ICU Bronchoalveolar lavage 2018 ESBL  
## 819 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 820 0 to 2 Years Pediatric ICU Blood 2018 ESBL  
## 821 0 to 2 Years Pediatric General Urine 2018 ESBL  
## 822 19 to 64 Years Surgery General Peritoneal Fluid 2018 ESBL  
## 823 65 to 84 Years Surgery ICU Colon 2018 ESBL  
## 824 3 to 12 Years Pediatric ICU Burn 2018 ESBL  
## 825 3 to 12 Years Pediatric General Abscess 2018 ESBL  
## 826 19 to 64 Years Surgery General Gastric Abscess 2018 ESBL  
## 827 19 to 64 Years Medicine General Urine 2018 ESBL  
## 828 19 to 64 Years Medicine ICU Endotracheal aspirate 2019 ESBL  
## 829 19 to 64 Years Medicine General Sputum 2019 ESBL  
## 830 65 to 84 Years Surgery General Sputum 2019 ESBL  
## 831 19 to 64 Years General Unspecified ICU Sputum 2019 ESBL  
## 832 65 to 84 Years General Unspecified ICU Endotracheal aspirate 2019 ESBL  
## 833 65 to 84 Years Medicine General Sputum 2019 ESBL  
## 834 65 to 84 Years General Unspecified ICU Sputum 2019 ESBL  
## 835 19 to 64 Years General Unspecified ICU Blood 2019 ESBL  
## 836 65 to 84 Years General Unspecified ICU Blood 2019 ESBL  
## 837 19 to 64 Years Surgery General Blood 2019 ESBL  
## 838 19 to 64 Years Medicine General Wound 2019 ESBL  
## 839 19 to 64 Years General Unspecified ICU Intestinal: Other 2019 ESBL  
## 840 65 to 84 Years Medicine General Wound 2019 ESBL  
## 841 85 and Over General Unspecified ICU Intestinal: Other 2019 ESBL  
## 842 19 to 64 Years Surgery General Intestinal: Other 2019 ESBL  
## 843 19 to 64 Years Medicine General Wound 2019 ESBL  
## 844 65 to 84 Years Medicine General Wound 2019 ESBL  
## 845 65 to 84 Years Medicine General Wound 2019 ESBL  
## 846 19 to 64 Years Surgery General Wound 2019 ESBL  
## 847 19 to 64 Years General Unspecified ICU Intestinal: Other 2019 ESBL  
## 848 65 to 84 Years Surgery General Wound 2019 ESBL  
## 849 0 to 2 Years Pediatric General Urine 2019 ESBL  
## 850 19 to 64 Years Medicine General Wound 2019 ESBL  
## 851 19 to 64 Years Surgery General Wound 2019 ESBL  
## 852 19 to 64 Years Surgery General Wound 2019 ESBL  
## 853 19 to 64 Years Medicine General Blood 2019 ESBL  
## 854 19 to 64 Years Surgery General Sputum 2019 ESBL  
## 855 19 to 64 Years Medicine ICU Endotracheal aspirate 2019 ESBL  
## 856 19 to 64 Years Surgery ICU Blood 2019 ESBL  
## 857 19 to 64 Years Medicine General Wound 2019 ESBL  
## 858 19 to 64 Years Medicine ICU Blood 2019 ESBL  
## 859 0 to 2 Years Pediatric General Blood 2019 ESBL  
## 860 19 to 64 Years None Given Blood 2019 ESBL  
## 861 65 to 84 Years Medicine General Blood 2019 ESBL  
## 862 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 863 19 to 64 Years Surgery General Wound 2019 ESBL  
## 864 19 to 64 Years Medicine General Urethra 2019 ESBL  
## 865 19 to 64 Years Medicine General Wound 2019 ESBL  
## 866 19 to 64 Years None Given Wound 2019 ESBL  
## 867 19 to 64 Years Medicine General Urethra 2019 ESBL  
## 868 19 to 64 Years Surgery General Wound 2019 ESBL  
## 869 65 to 84 Years Medicine General Abscess 2019 ESBL  
## 870 19 to 64 Years Medicine General Urine 2019 ESBL  
## 871 19 to 64 Years Surgery ICU Endotracheal aspirate 2019 ESBL  
## 872 65 to 84 Years Surgery General Urine 2019 ESBL  
## 873 3 to 12 Years Surgery ICU Colon 2019 ESBL  
## 874 3 to 12 Years Surgery ICU Colon 2019 ESBL  
## 875 19 to 64 Years Surgery General Urine 2019 ESBL  
## 876 19 to 64 Years Medicine General Wound 2019 ESBL  
## 877 19 to 64 Years Medicine General Urine 2019 ESBL  
## 878 19 to 64 Years Emergency Room Urine 2019 ESBL  
## 879 19 to 64 Years Surgery General Urine 2019 ESBL  
## 880 65 to 84 Years Surgery General Urine 2019 ESBL  
## 881 19 to 64 Years Surgery General Wound 2019 ESBL  
## 882 19 to 64 Years Medicine General Sputum 2019 ESBL  
## 883 3 to 12 Years Surgery ICU Urethra 2019 ESBL  
## 884 19 to 64 Years Medicine General Wound 2019 ESBL  
## 885 0 to 2 Years Pediatric General Wound 2019 ESBL  
## 886 65 to 84 Years Surgery General Urine 2019 ESBL  
## 887 65 to 84 Years Emergency Room Blood 2019 ESBL  
## 888 19 to 64 Years Emergency Room Urine 2019 ESBL  
## 889 0 to 2 Years Pediatric General Blood 2019 ESBL  
## 890 3 to 12 Years Surgery ICU Blood 2019 ESBL  
## 891 65 to 84 Years Surgery General Urine 2019 ESBL  
## 892 65 to 84 Years Medicine General Urine 2019 ESBL  
## 893 19 to 64 Years Surgery General Peritoneal Fluid 2019 ESBL  
## 894 19 to 64 Years Surgery General Urine 2019 ESBL  
## 895 19 to 64 Years Medicine General Urine 2019 ESBL  
## 896 65 to 84 Years Medicine General Urine 2019 ESBL  
## 897 19 to 64 Years Surgery General Urine 2019 ESBL  
## 898 65 to 84 Years Surgery General Wound 2019 ESBL  
## 899 19 to 64 Years Surgery General Wound 2019 ESBL  
## 900 65 to 84 Years Surgery General Urine 2019 ESBL  
## 901 85 and Over General Unspecified ICU Blood 2019 ESBL  
## 902 65 to 84 Years Other Blood 2019 ESBL  
## 903 19 to 64 Years Other Endotracheal aspirate 2019 ESBL  
## 904 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 905 65 to 84 Years General Unspecified ICU Urine 2019 ESBL  
## 906 0 to 2 Years General Unspecified ICU Intestinal: Other 2019 ESBL  
## 907 65 to 84 Years General Unspecified ICU Blood 2019 ESBL  
## 908 19 to 64 Years None Given Urine 2019 ESBL  
## 909 85 and Over General Unspecified ICU Blood 2019 ESBL  
## 910 19 to 64 Years Medicine General Urine 2019 ESBL  
## 911 19 to 64 Years Medicine General Urine 2019 ESBL  
## 912 85 and Over Medicine General Urine 2019 ESBL  
## 913 65 to 84 Years General Unspecified ICU Blood 2019 ESBL  
## 914 19 to 64 Years Medicine General Blood 2019 ESBL  
## 915 19 to 64 Years Medicine ICU Blood 2019 ESBL  
## 916 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 917 65 to 84 Years Medicine General Sputum 2019 ESBL  
## 918 65 to 84 Years None Given Blood 2019 ESBL  
## 919 65 to 84 Years General Unspecified ICU Blood 2019 ESBL  
## 920 85 and Over Medicine General Blood 2019 ESBL  
## 921 65 to 84 Years Medicine General Blood 2019 ESBL  
## 922 19 to 64 Years General Unspecified ICU Blood 2019 ESBL  
## 923 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 924 3 to 12 Years Pediatric ICU Peritoneal Fluid 2019 ESBL  
## 925 3 to 12 Years Pediatric General Blood 2019 ESBL  
## 926 65 to 84 Years Surgery ICU Blood 2019 ESBL  
## 927 0 to 2 Years Pediatric General Blood 2019 ESBL  
## 928 19 to 64 Years Medicine General Blood 2019 ESBL  
## 929 0 to 2 Years Pediatric General Urine 2019 ESBL  
## 930 0 to 2 Years Emergency Room Blood 2019 ESBL  
## 931 65 to 84 Years Surgery ICU Blood 2019 ESBL  
## 932 0 to 2 Years Pediatric General Blood 2019 ESBL  
## 933 3 to 12 Years Pediatric General Blood 2019 ESBL  
## 934 0 to 2 Years Pediatric General Blood 2019 ESBL  
## 935 3 to 12 Years Surgery ICU Gastric Abscess 2019 ESBL  
## 936 3 to 12 Years Surgery General Urine 2019 ESBL  
## 937 65 to 84 Years Surgery ICU Blood 2019 ESBL  
## 938 65 to 84 Years Medicine General Urine 2019 ESBL  
## 939 19 to 64 Years Emergency Room Endotracheal aspirate 2019 ESBL  
## 940 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 941 19 to 64 Years Medicine General Urine 2019 ESBL  
## 942 3 to 12 Years Emergency Room Urine 2019 ESBL  
## 943 19 to 64 Years Surgery General Urine 2019 ESBL  
## 944 19 to 64 Years Emergency Room Blood 2019 ESBL  
## 945 3 to 12 Years Surgery ICU Appendix 2019 ESBL  
## 946 19 to 64 Years Surgery ICU Diverticulum 2019 ESBL  
## 947 13 to 18 Years Surgery ICU Gastric Abscess 2019 ESBL  
## 948 19 to 64 Years Medicine General Burn 2019 ESBL  
## 949 19 to 64 Years Medicine General Urine 2019 ESBL  
## 950 19 to 64 Years Medicine General Blood 2019 ESBL  
## 951 19 to 64 Years Surgery General Gastric Abscess 2019 ESBL  
## 952 65 to 84 Years Medicine ICU Blood 2019 ESBL  
## 953 19 to 64 Years Medicine ICU Urine 2019 ESBL  
## 954 65 to 84 Years Medicine General Blood 2019 ESBL  
## 955 85 and Over Medicine General Sputum 2019 ESBL  
## 956 19 to 64 Years Medicine General Gastric Abscess 2019 ESBL  
## 957 65 to 84 Years Medicine General Blood 2019 ESBL  
## 958 85 and Over Medicine ICU Blood 2019 ESBL  
## 959 65 to 84 Years Medicine ICU Intestinal: Other 2019 ESBL  
## 960 19 to 64 Years Medicine General Urine 2019 ESBL  
## 961 19 to 64 Years Medicine General Urine 2019 ESBL  
## 962 19 to 64 Years Surgery General Wound 2019 ESBL  
## 963 3 to 12 Years Pediatric General Respiratory: Other 2019 ESBL  
## 964 13 to 18 Years None Given Genitourinary: Other 2019 ESBL  
## 965 19 to 64 Years Surgery General Wound 2019 ESBL  
## 966 19 to 64 Years Surgery General Ulcer 2019 ESBL  
## 967 19 to 64 Years Medicine General Urine 2019 ESBL  
## 968 19 to 64 Years None Given Urine 2019 ESBL  
## 969 13 to 18 Years None Given Wound 2019 ESBL  
## 970 19 to 64 Years Emergency Room Blood 2019 ESBL  
## 971 19 to 64 Years Surgery General Urine 2019 ESBL  
## 972 0 to 2 Years Surgery ICU Bronchus 2019 ESBL  
## 973 0 to 2 Years Pediatric General Wound 2019 ESBL  
## 974 3 to 12 Years Pediatric General Blood 2019 ESBL  
## 975 65 to 84 Years Emergency Room Blood 2019 ESBL  
## 976 65 to 84 Years Medicine ICU Blood 2019 ESBL  
## 977 19 to 64 Years Surgery General Urine 2019 ESBL  
## 978 3 to 12 Years Pediatric General Sputum 2019 ESBL  
## 979 19 to 64 Years Medicine ICU Urine 2019 ESBL  
## 980 19 to 64 Years Medicine General Wound 2019 ESBL  
## 981 65 to 84 Years Medicine General Blood 2019 ESBL  
## 982 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 983 3 to 12 Years Pediatric General Blood 2019 ESBL  
## 984 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 985 3 to 12 Years Pediatric General Urine 2019 ESBL  
## 986 19 to 64 Years Other Urine 2019 ESBL  
## 987 85 and Over Medicine General Urine 2019 ESBL  
## 988 0 to 2 Years Pediatric General Urine 2019 ESBL  
## 989 19 to 64 Years Medicine General Urine 2019 ESBL  
## 990 3 to 12 Years Medicine General Urine 2019 ESBL  
## 991 19 to 64 Years Surgery General Urine 2019 ESBL  
## 992 19 to 64 Years Medicine General Urine 2019 ESBL  
## 993 19 to 64 Years None Given Urine 2019 ESBL  
## 994 0 to 2 Years Pediatric General Wound 2019 ESBL  
## 995 19 to 64 Years Emergency Room Wound 2019 ESBL  
## 996 Unknown Emergency Room None Given 2019 ESBL  
## 997 Unknown Emergency Room Wound 2019 ESBL  
## 998 Unknown Surgery ICU Wound 2019 ESBL  
## 999 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1000 19 to 64 Years None Given Sputum 2019 ESBL  
## 1001 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1002 19 to 64 Years Medicine ICU Peritoneal Fluid 2019 ESBL  
## 1003 3 to 12 Years Medicine General Blood 2019 ESBL  
## 1004 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 1005 0 to 2 Years Medicine General Blood 2019 ESBL  
## 1006 19 to 64 Years Medicine General Blood 2019 ESBL  
## 1007 19 to 64 Years Medicine General Peritoneal Fluid 2019 ESBL  
## 1008 19 to 64 Years Medicine General Peritoneal Fluid 2019 ESBL  
## 1009 19 to 64 Years Medicine ICU Peritoneal Fluid 2019 ESBL  
## 1010 0 to 2 Years None Given Blood 2019 ESBL  
## 1011 19 to 64 Years Medicine General Blood 2019 ESBL  
## 1012 0 to 2 Years Medicine ICU Blood 2019 ESBL  
## 1013 0 to 2 Years None Given Blood 2019 ESBL  
## 1014 19 to 64 Years Medicine General Peritoneal Fluid 2019 ESBL  
## 1015 19 to 64 Years None Given Endotracheal aspirate 2019 ESBL  
## 1016 19 to 64 Years Medicine General Peritoneal Fluid 2019 ESBL  
## 1017 Unknown Emergency Room Blood 2019 ESBL  
## 1018 65 to 84 Years Medicine General Urine 2019 ESBL  
## 1019 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1020 19 to 64 Years None Given Urine 2019 ESBL  
## 1021 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1022 65 to 84 Years Emergency Room Urine 2019 ESBL  
## 1023 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1024 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1025 19 to 64 Years Surgery General Gastric Abscess 2019 ESBL  
## 1026 19 to 64 Years Medicine General Kidney 2019 ESBL  
## 1027 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1028 Unknown None Given Urine 2019 ESBL  
## 1029 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 1030 19 to 64 Years Surgery General Blood 2019 ESBL  
## 1031 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 1032 19 to 64 Years Surgery General Urine 2019 ESBL  
## 1033 19 to 64 Years Medicine General Wound 2019 ESBL  
## 1034 65 to 84 Years Medicine General Ulcer 2019 ESBL  
## 1035 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 1036 0 to 2 Years Pediatric ICU Urine 2019 ESBL  
## 1037 3 to 12 Years Pediatric General Bronchoalveolar lavage 2019 ESBL  
## 1038 19 to 64 Years Emergency Room Urine 2019 ESBL  
## 1039 3 to 12 Years Pediatric General Wound 2019 ESBL  
## 1040 19 to 64 Years Medicine General Cellulitis 2019 ESBL  
## 1041 0 to 2 Years Other Urine 2019 ESBL  
## 1042 19 to 64 Years Surgery General Peritoneal Fluid 2019 ESBL  
## 1043 19 to 64 Years Surgery General Wound 2019 ESBL  
## 1044 19 to 64 Years Surgery General Wound 2019 ESBL  
## 1045 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1046 0 to 2 Years Pediatric ICU Blood 2019 ESBL  
## 1047 19 to 64 Years Surgery General Wound 2019 ESBL  
## 1048 65 to 84 Years Medicine General Urine 2019 ESBL  
## 1049 19 to 64 Years Emergency Room Wound 2019 ESBL  
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## 1052 65 to 84 Years Medicine General Urine 2019 ESBL  
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## 1055 19 to 64 Years Surgery General Urine 2019 ESBL  
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## 1057 19 to 64 Years Medicine General Wound 2019 ESBL  
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## 1060 19 to 64 Years Medicine General Urine 2019 ESBL  
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## 1063 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1064 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1065 19 to 64 Years Surgery General Urine 2019 ESBL  
## 1066 19 to 64 Years Surgery General Wound 2019 ESBL  
## 1067 19 to 64 Years Surgery ICU Burn 2019 ESBL  
## 1068 19 to 64 Years None Given Sputum 2019 ESBL  
## 1069 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1070 65 to 84 Years Emergency Room Urine 2019 ESBL  
## 1071 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1072 19 to 64 Years Surgery General Gastric Abscess 2019 ESBL  
## 1073 19 to 64 Years Medicine General Genitourinary: Other 2019 ESBL  
## 1074 19 to 64 Years Medicine General Wound 2019 ESBL  
## 1075 19 to 64 Years Medicine General Wound 2019 ESBL  
## 1076 19 to 64 Years Surgery General Urine 2019 ESBL  
## 1077 19 to 64 Years Medicine General Wound 2019 ESBL  
## 1078 65 to 84 Years Surgery General Wound 2019 ESBL  
## 1079 19 to 64 Years Surgery General Wound 2019 ESBL  
## 1080 65 to 84 Years Medicine General Urine 2019 ESBL  
## 1081 65 to 84 Years Medicine ICU Bronchoalveolar lavage 2019 ESBL  
## 1082 19 to 64 Years Surgery ICU Gastric Abscess 2019 ESBL  
## 1083 65 to 84 Years Surgery General Gall Bladder 2019 ESBL  
## 1084 19 to 64 Years General Unspecified ICU Bronchoalveolar lavage 2019 ESBL  
## 1085 19 to 64 Years Surgery General Blood 2019 ESBL  
## 1086 85 and Over Surgery General Blood 2019 ESBL  
## 1087 65 to 84 Years Surgery General Wound 2019 ESBL  
## 1088 19 to 64 Years General Unspecified ICU Bronchoalveolar lavage 2019 ESBL  
## 1089 19 to 64 Years Surgery General Gastric Abscess 2019 ESBL  
## 1090 65 to 84 Years Surgery General Urine 2019 ESBL  
## 1091 65 to 84 Years General Unspecified ICU Bronchoalveolar lavage 2019 ESBL  
## 1092 65 to 84 Years Surgery General Blood 2019 ESBL  
## 1093 19 to 64 Years Medicine General Blood 2019 ESBL  
## 1094 0 to 2 Years None Given Gastric Abscess 2019 ESBL  
## 1095 65 to 84 Years Surgery General Peritoneal Fluid 2019 ESBL  
## 1096 65 to 84 Years Surgery General Prostate 2019 ESBL  
## 1097 65 to 84 Years General Unspecified ICU Bronchoalveolar lavage 2019 ESBL  
## 1098 65 to 84 Years General Unspecified ICU Bronchoalveolar lavage 2019 ESBL  
## 1099 19 to 64 Years Surgery General Gastric Abscess 2019 ESBL  
## 1100 19 to 64 Years General Unspecified ICU Bronchoalveolar lavage 2019 ESBL  
## 1101 65 to 84 Years Emergency Room Urine 2019 ESBL  
## 1102 19 to 64 Years Medicine General Skin: Other 2019 ESBL  
## 1103 3 to 12 Years Surgery General Peritoneal Fluid 2019 ESBL  
## 1104 19 to 64 Years Medicine General Blood 2019 ESBL  
## 1105 0 to 2 Years Pediatric General Blood 2019 ESBL  
## 1106 65 to 84 Years Medicine General Blood 2019 ESBL  
## 1107 19 to 64 Years Surgery ICU Blood 2019 ESBL  
## 1108 0 to 2 Years Pediatric General Blood 2019 ESBL  
## 1109 65 to 84 Years Surgery ICU Blood 2019 ESBL  
## 1110 19 to 64 Years Medicine General Sputum 2019 ESBL  
## 1111 19 to 64 Years Surgery General Urethra 2019 ESBL  
## 1112 0 to 2 Years Pediatric General Urine 2019 ESBL  
## 1113 19 to 64 Years Medicine ICU Respiratory: Other 2019 ESBL  
## 1114 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1115 3 to 12 Years Pediatric General Respiratory: Other 2019 ESBL  
## 1116 19 to 64 Years Medicine ICU Respiratory: Other 2019 ESBL  
## 1117 0 to 2 Years Pediatric General Blood 2019 ESBL  
## 1118 0 to 2 Years Pediatric General Blood 2019 ESBL  
## 1119 19 to 64 Years Medicine General Blood 2019 ESBL  
## 1120 65 to 84 Years Medicine ICU Blood 2019 ESBL  
## 1121 19 to 64 Years Medicine ICU Respiratory: Other 2019 ESBL  
## 1122 19 to 64 Years Surgery ICU Blood 2019 ESBL  
## 1123 19 to 64 Years Medicine General Respiratory: Other 2019 ESBL  
## 1124 19 to 64 Years Surgery General Urine 2019 ESBL  
## 1125 19 to 64 Years Medicine General Blood 2019 ESBL  
## 1126 0 to 2 Years Pediatric ICU Blood None Given 2020 ESBL  
## 1127 19 to 64 Years Emergency Room Blood None Given 2020 ESBL  
## 1128 19 to 64 Years None Given Wound None Given 2020 ESBL  
## 1129 19 to 64 Years Emergency Room Wound None Given 2020 ESBL  
## 1130 19 to 64 Years Surgery General Urine None Given 2020 ESBL  
## 1131 19 to 64 Years Emergency Room Wound None Given 2020 ESBL  
## 1132 19 to 64 Years Emergency Room Urine None Given 2020 ESBL  
## 1133 19 to 64 Years Emergency Room Urine None Given 2020 ESBL  
## 1134 13 to 18 Years Pediatric General Abscess None Given 2020 ESBL  
## 1135 0 to 2 Years Pediatric General Urine None Given 2020 ESBL  
## 1136 0 to 2 Years Pediatric General Blood None Given 2020 ESBL  
## 1137 19 to 64 Years Surgery General Ulcer None Given 2020 ESBL  
## 1138 19 to 64 Years Medicine General Urine None Given 2020 ESBL  
## 1139 19 to 64 Years Emergency Room Sputum None Given 2020 ESBL  
## 1140 65 to 84 Years Emergency Room Urine None Given 2020 ESBL  
## 1141 13 to 18 Years Pediatric General Blood None Given 2020 ESBL  
## 1142 19 to 64 Years Medicine General Wound None Given 2020 ESBL  
## 1143 65 to 84 Years Surgery General Urine 2019 ESBL  
## 1144 19 to 64 Years Medicine General Urine 2019 ESBL  
## 1145 19 to 64 Years Surgery General Urine 2019 ESBL  
## 1146 19 to 64 Years Emergency Room Urine 2019 ESBL  
## 1147 19 to 64 Years Emergency Room Wound 2019 ESBL  
## 1148 19 to 64 Years Emergency Room Urine 2019 ESBL  
## 1149 19 to 64 Years Medicine General Urine 2019 ESBL  
## Amikacin Amikacin\_I Amoxycillin.clavulanate Amoxycillin.clavulanate\_I Ampicillin  
## 1 4 Susceptible 16 Intermediate >32  
## 2 8 Intermediate >16 Resistant >32  
## 3 2 Susceptible 8 Susceptible >32  
## 4 4 Susceptible 16 Intermediate >32  
## 5 4 Susceptible 8 Susceptible >32  
## 6 8 Intermediate 16 Intermediate >32  
## 7 8 Intermediate 16 Intermediate >32  
## 8 8 Intermediate >16 Resistant >32  
## 9 4 Susceptible 16 Intermediate >32  
## 10 4 Susceptible 16 Intermediate >32  
## 11 8 Intermediate 16 Intermediate >32  
## 12 2 Susceptible 8 Susceptible >32  
## 13 4 Susceptible >16 Resistant >32  
## 14 4 Susceptible 16 Intermediate >32  
## 15 4 Susceptible 16 Intermediate >32  
## 16 2 Susceptible 16 Intermediate >32  
## 17 8 Intermediate >16 Resistant >32  
## 18 16 Resistant >16 Resistant >32  
## 19 8 Intermediate 16 Intermediate >32  
## 20 8 Intermediate 16 Intermediate >32  
## 21 2 Susceptible 16 Intermediate >32  
## 22 8 Intermediate >16 Resistant >32  
## 23 2 Susceptible >16 Resistant >32  
## 24 8 Intermediate 16 Intermediate >32  
## 25 1 Susceptible 8 Susceptible >32  
## 26 4 Susceptible >16 Resistant >32  
## 27 4 Susceptible >16 Resistant >32  
## 28 8 Intermediate >16 Resistant >32  
## 29 >32 Resistant >16 Resistant >32  
## 30 32 Resistant >16 Resistant >32  
## 31 4 Susceptible >16 Resistant >32  
## 32 2 Susceptible >16 Resistant >32  
## 33 8 Intermediate >16 Resistant >32  
## 34 >32 Resistant 16 Intermediate >32  
## 35 4 Susceptible 16 Intermediate >32  
## 36 >32 Resistant >16 Resistant >32  
## 37 4 Susceptible >16 Resistant >32  
## 38 2 Susceptible >16 Resistant >32  
## 39 2 Susceptible >16 Resistant >32  
## 40 8 Intermediate >16 Resistant >32  
## 41 8 Intermediate 16 Intermediate >32  
## 42 4 Susceptible 16 Intermediate >32  
## 43 >32 Resistant >16 Resistant >32  
## 44 8 Intermediate 16 Intermediate >32  
## 45 >32 Resistant >16 Resistant >32  
## 46 4 Susceptible >16 Resistant >32  
## 47 2 Susceptible >16 Resistant >32  
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## 49 4 Susceptible 16 Intermediate >32  
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## 51 4 Susceptible 16 Intermediate >32  
## 52 2 Susceptible >16 Resistant >32  
## 53 8 Intermediate >16 Resistant >32  
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## 55 8 Intermediate 16 Intermediate >32  
## 56 8 Intermediate 16 Intermediate >32  
## 57 4 Susceptible >16 Resistant >32  
## 58 4 Susceptible 16 Intermediate >32  
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## 60 32 Resistant 16 Intermediate >32  
## 61 2 Susceptible >16 Resistant >32  
## 62 2 Susceptible 16 Intermediate >32  
## 63 8 Intermediate 16 Intermediate >32  
## 64 4 Susceptible 8 Susceptible >32  
## 65 8 Intermediate 16 Intermediate >32  
## 66 8 Intermediate 16 Intermediate >32  
## 67 32 Resistant >16 Resistant >32  
## 68 16 Resistant 16 Intermediate >32  
## 69 16 Resistant 16 Intermediate >32  
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## 71 16 Resistant >16 Resistant >32  
## 72 8 Intermediate 16 Intermediate >32  
## 73 8 Intermediate 16 Intermediate >32  
## 74 8 Intermediate 16 Intermediate >32  
## 75 0.5 Susceptible 16 Intermediate >32  
## 76 4 Susceptible 16 Intermediate >32  
## 77 2 Susceptible 8 Susceptible >32  
## 78 >32 Resistant >16 Resistant >32  
## 79 >32 Resistant >16 Resistant >32  
## 80 2 Susceptible 16 Intermediate >32  
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## 82 1 Susceptible >16 Resistant >32  
## 83 1 Susceptible >16 Resistant >32  
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## 85 >32 Resistant 16 Intermediate >32  
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## 89 1 Susceptible 8 Susceptible >32  
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## 91 4 Susceptible 16 Intermediate >32  
## 92 4 Susceptible 16 Intermediate >32  
## 93 16 Resistant 16 Intermediate >32  
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## 95 >32 Resistant 16 Intermediate >32  
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## 97 2 Susceptible >16 Resistant >32  
## 98 16 Resistant >16 Resistant >32  
## 99 1 Susceptible >16 Resistant >32  
## 100 1 Susceptible 8 Susceptible >32  
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## 107 8 Intermediate 8 Susceptible >32  
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## 110 4 Susceptible 16 Intermediate >32  
## 111 32 Resistant >16 Resistant >32  
## 112 8 Intermediate >16 Resistant >32  
## 113 8 Intermediate >16 Resistant >32  
## 114 4 Susceptible 8 Susceptible >32  
## 115 0.5 Susceptible 8 Susceptible >32  
## 116 1 Susceptible 16 Intermediate >32  
## 117 8 Intermediate >16 Resistant >32  
## 118 4 Susceptible >16 Resistant >32  
## 119 8 Intermediate >16 Resistant >32  
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## 130 8 Intermediate >16 Resistant >32  
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## 132 2 Susceptible 16 Intermediate >32  
## 133 8 Intermediate 8 Susceptible >32  
## 134 8 Intermediate 16 Intermediate >32  
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## 136 4 Susceptible 16 Intermediate >32  
## 137 2 Susceptible 8 Susceptible >32  
## 138 4 Susceptible 16 Intermediate >32  
## 139 0.5 Susceptible 16 Intermediate >32  
## 140 4 Susceptible >16 Resistant >32  
## 141 8 Intermediate 8 Susceptible >32  
## 142 2 Susceptible 16 Intermediate >32  
## 143 2 Susceptible 16 Intermediate >32  
## 144 2 Susceptible 8 Susceptible >32  
## 145 8 Intermediate >16 Resistant >32  
## 146 2 Susceptible 16 Intermediate >32  
## 147 8 Intermediate 16 Intermediate >32  
## 148 8 Intermediate 16 Intermediate >32  
## 149 8 Intermediate 16 Intermediate >32  
## 150 4 Susceptible 16 Intermediate >32  
## 151 4 Susceptible 16 Intermediate >32  
## 152 2 Susceptible 16 Intermediate >32  
## 153 4 Susceptible >16 Resistant >32  
## 154 1 Susceptible 8 Susceptible >32  
## 155 16 Resistant 16 Intermediate >32  
## 156 4 Susceptible 8 Susceptible >32  
## 157 32 Resistant 16 Intermediate >32  
## 158 4 Susceptible 8 Susceptible >32  
## 159 8 Intermediate 16 Intermediate >32  
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## 162 8 Intermediate >16 Resistant >32  
## 163 2 Susceptible 16 Intermediate >32  
## 164 >32 Resistant 8 Susceptible >32  
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## 166 8 Intermediate 16 Intermediate >32  
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## 170 4 Susceptible 16 Intermediate >32  
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## 176 1 Susceptible >16 Resistant >32  
## 177 4 Susceptible 16 Intermediate >32  
## 178 2 Susceptible 16 Intermediate >32  
## 179 2 Susceptible 4 Susceptible >32  
## 180 0.5 Susceptible 8 Susceptible >32  
## 181 4 Susceptible 8 Susceptible >32  
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## 183 >32 Resistant >16 Resistant >32  
## 184 >32 Resistant >32  
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## 190 2 Susceptible 4 Susceptible >32  
## 191 32 Resistant 4 Susceptible >32  
## 192 8 Intermediate 2 Susceptible >32  
## 193 1 Susceptible 8 Susceptible >32  
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## 195 16 Resistant 16 Intermediate >32  
## 196 8 Intermediate 16 Intermediate >32  
## 197 8 Intermediate 16 Intermediate >32  
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## 199 4 Susceptible 16 Intermediate >32  
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## 202 16 Resistant 16 Intermediate >32  
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## 205 8 Intermediate 16 Intermediate >32  
## 206 2 Susceptible 16 Intermediate >32  
## 207 8 Intermediate >16 Resistant >32  
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## 212 2 Susceptible >16 Resistant >32  
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## 216 8 Intermediate 8 Susceptible >32  
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## 218 16 Resistant 8 Susceptible >32  
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## 234 4 Susceptible 16 Intermediate >32  
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## 236 8 Intermediate >16 Resistant >32  
## 237 8 Intermediate 16 Intermediate >32  
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## 290 >32 Resistant 16 Intermediate >32  
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## 329 2 Susceptible 16 Intermediate >32  
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## 570 4 Susceptible >16 Resistant >16  
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## 572 2 Susceptible 16 Intermediate >16  
## 573 4 Susceptible 8 Susceptible >16  
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## 1095 4.0000 Susceptible 4.0000 Susceptible >16  
## 1096 4.0000 Susceptible >16 Resistant >16  
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## 1099 4.0000 Susceptible 8.0000 Susceptible >16  
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## 1101 4.0000 Susceptible >16 Resistant >16  
## 1102 8.0000 Intermediate >16 Resistant >16  
## 1103 4.0000 Susceptible 16.0000 Intermediate >16  
## 1104 16.0000 Resistant >16 Resistant >16  
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## 1108 4.0000 Susceptible 16.0000 Intermediate >16  
## 1109 4.0000 Susceptible >16 Resistant >16  
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## 1128 4.0000 Susceptible >16 Resistant >16  
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## 1133 4.0000 Susceptible 16.0000 Intermediate >16  
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## 1135 2.0000 Susceptible 4.0000 Susceptible >16  
## 1136 >64 Resistant 16.0000 Intermediate >16  
## 1137 4.0000 Susceptible 16.0000 Intermediate >16  
## 1138 4.0000 Susceptible 8.0000 Susceptible >16  
## 1139 8.0000 Intermediate 8.0000 Susceptible >16  
## 1140 2.0000 Susceptible 16.0000 Intermediate >16  
## 1141 4.0000 Susceptible >16 >16  
## 1142 16.0000 Resistant 16.0000 Intermediate >16  
## 1143 16.0000 Resistant 16.0000 Intermediate >16  
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## 955 Resistant 2.0000 Susceptible 4.0000 Susceptible   
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## 988 Resistant 16.0000 Resistant 32.0000 Resistant   
## 989 Resistant 4.0000 Intermediate 8.0000 Intermediate   
## 990 Resistant 32.0000 Resistant 128.0000 Resistant   
## 991 Resistant >32 Resistant 32.0000 Resistant   
## 992 Resistant >32 Resistant >128 Resistant   
## 993 Resistant >32 Resistant >128 Resistant   
## 994 Resistant 32.0000 Resistant 32.0000 Resistant   
## 995 Resistant >32 Resistant >128 Resistant   
## 996 Resistant >32 Resistant 128.0000 Resistant   
## 997 Resistant 16.0000 Resistant 32.0000 Resistant   
## 998 Resistant 8.0000 Intermediate 8.0000 Intermediate   
## 999 Resistant 32.0000 Resistant 8.0000 Intermediate   
## 1000 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1001 Resistant 4.0000 Intermediate 4.0000 Susceptible   
## 1002 Resistant >32 Resistant 64.0000 Resistant   
## 1003 Resistant >32 Resistant 64.0000 Resistant   
## 1004 Resistant >32 Resistant 64.0000 Resistant   
## 1005 Resistant 8.0000 Intermediate 32.0000 Resistant   
## 1006 Resistant 16.0000 Resistant 128.0000 Resistant   
## 1007 Resistant <=0.12 Susceptible 0.5000 Susceptible   
## 1008 Resistant >32 Resistant 128.0000 Resistant   
## 1009 Resistant >32 Resistant 32.0000 Resistant   
## 1010 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1011 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1012 Resistant >32 Resistant 64.0000 Resistant   
## 1013 Resistant >32 Resistant 64.0000 Resistant   
## 1014 Resistant >32 Resistant >128 Resistant   
## 1015 Resistant 4.0000 Intermediate 16.0000 Resistant   
## 1016 Resistant >32 Resistant >128 Resistant   
## 1017 Resistant 16.0000 Resistant >128 Resistant   
## 1018 Resistant 16.0000 Resistant 16.0000 Resistant   
## 1019 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1020 Resistant >32 Resistant 64.0000 Resistant   
## 1021 Resistant 8.0000 Intermediate 8.0000 Intermediate   
## 1022 Resistant >32 Resistant 32.0000 Resistant   
## 1023 Resistant 16.0000 Resistant 16.0000 Resistant   
## 1024 Resistant 16.0000 Resistant 2.0000 Susceptible   
## 1025 Resistant >32 Resistant 32.0000 Resistant   
## 1026 Resistant 8.0000 Intermediate 32.0000 Resistant   
## 1027 Resistant 16.0000 Resistant 128.0000 Resistant   
## 1028 Resistant >32 Resistant >128 Resistant   
## 1029 Resistant >32 Resistant >128 Resistant   
## 1030 Resistant 4.0000 Intermediate 8.0000 Intermediate   
## 1031 Resistant >32 Resistant >128 Resistant   
## 1032 Resistant 8.0000 Intermediate 64.0000 Resistant   
## 1033 Resistant >32 Resistant 16.0000 Resistant   
## 1034 Resistant 8.0000 Intermediate 16.0000 Resistant   
## 1035 Resistant 4.0000 Intermediate 8.0000 Intermediate   
## 1036 Resistant >32 Resistant >128 Resistant   
## 1037 Resistant >32 Resistant >128 Resistant   
## 1038 Resistant 8.0000 Intermediate 16.0000 Resistant   
## 1039 Resistant >32 Resistant 16.0000 Resistant   
## 1040 Resistant >32 Resistant 16.0000 Resistant   
## 1041 Resistant >32 Resistant >128 Resistant   
## 1042 Resistant 32.0000 Resistant 16.0000 Resistant   
## 1043 Resistant >32 Resistant 32.0000 Resistant   
## 1044 Resistant >32 Resistant 32.0000 Resistant   
## 1045 Resistant 2.0000 Susceptible 4.0000 Susceptible   
## 1046 Resistant >32 Resistant >128 Resistant   
## 1047 Resistant >32 Resistant 32.0000 Resistant   
## 1048 Resistant >32 Resistant 16.0000 Resistant   
## 1049 Resistant 8.0000 Intermediate 16.0000 Resistant   
## 1050 Resistant 2.0000 Susceptible 4.0000 Susceptible   
## 1051 Resistant >32 Resistant 64.0000 Resistant   
## 1052 Resistant >32 Resistant 8.0000 Intermediate   
## 1053 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1054 Resistant 16.0000 Resistant 16.0000 Resistant   
## 1055 Resistant 32.0000 Resistant >128 Resistant   
## 1056 Resistant >32 Resistant 2.0000 Susceptible   
## 1057 Resistant 32.0000 Resistant 32.0000 Resistant   
## 1058 Resistant >32 Resistant 32.0000 Resistant   
## 1059 Resistant >32 Resistant 32.0000 Resistant   
## 1060 Resistant >32 Resistant 32.0000 Resistant   
## 1061 Resistant >32 Resistant >128 Resistant   
## 1062 Resistant 32.0000 Resistant 32.0000 Resistant   
## 1063 Resistant >32 Resistant 16.0000 Resistant   
## 1064 Resistant >32 Resistant 8.0000 Intermediate   
## 1065 Resistant >32 Resistant 128.0000 Resistant   
## 1066 Resistant 16.0000 Resistant 64.0000 Resistant   
## 1067 Resistant >32 Resistant 64.0000 Resistant   
## 1068 Resistant >32 Resistant 16.0000 Resistant   
## 1069 Resistant >32 Resistant >128 Resistant   
## 1070 Resistant >32 Resistant 16.0000 Resistant   
## 1071 Resistant >32 Resistant >128 Resistant   
## 1072 Resistant 16.0000 Resistant 16.0000 Resistant   
## 1073 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1074 >32 Resistant >128 Resistant   
## 1075 >32 Resistant >128 Resistant   
## 1076 Resistant >32 Resistant 0.5000 Susceptible   
## 1077 >32 Resistant >128 Resistant   
## 1078 Resistant 16.0000 Resistant 16.0000 Resistant   
## 1079 32.0000 Resistant 128.0000 Resistant   
## 1080 Resistant >32 Resistant 64.0000 Resistant   
## 1081 Resistant 8.0000 Intermediate 32.0000 Resistant   
## 1082 Resistant 1.0000 Susceptible 4.0000 Susceptible   
## 1083 Resistant >32 Resistant >128 Resistant   
## 1084 Resistant >32 Resistant >128 Resistant   
## 1085 Resistant >32 Resistant >128 Resistant   
## 1086 Resistant 8.0000 Intermediate 32.0000 Resistant   
## 1087 Resistant 2.0000 Susceptible 4.0000 Susceptible   
## 1088 Resistant 8.0000 Intermediate 8.0000 Intermediate   
## 1089 Resistant >32 Resistant >128 Resistant   
## 1090 Resistant >32 Resistant 16.0000 Resistant   
## 1091 Resistant 2.0000 Susceptible 2.0000 Susceptible   
## 1092 Resistant >32 Resistant 32.0000 Resistant   
## 1093 Resistant >32 Resistant 128.0000 Resistant   
## 1094 Resistant 8.0000 Intermediate 8.0000 Intermediate   
## 1095 Resistant 0.5000 Susceptible 1.0000 Susceptible   
## 1096 Resistant >32 Resistant >128 Resistant   
## 1097 Resistant >32 Resistant 128.0000 Resistant   
## 1098 Resistant >32 Resistant 128.0000 Resistant   
## 1099 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1100 Resistant >32 Resistant >128 Resistant   
## 1101 Resistant >32 Resistant >128 Resistant   
## 1102 Resistant >32 Resistant 32.0000 Resistant   
## 1103 Resistant >32 Resistant 8.0000 Intermediate   
## 1104 Resistant >32 Resistant >128 Resistant   
## 1105 Resistant 32.0000 Resistant 64.0000 Resistant   
## 1106 Resistant 16.0000 Resistant 16.0000 Resistant   
## 1107 Resistant >32 Resistant 8.0000 Intermediate   
## 1108 Resistant >32 Resistant 16.0000 Resistant   
## 1109 Resistant 8.0000 Intermediate >128 Resistant   
## 1110 Resistant 32.0000 Resistant 64.0000 Resistant   
## 1111 Resistant 4.0000 Intermediate 16.0000 Resistant   
## 1112 Resistant 4.0000 Intermediate 16.0000 Resistant   
## 1113 Resistant 16.0000 Resistant 64.0000 Resistant   
## 1114 Resistant 4.0000 Intermediate 16.0000 Resistant   
## 1115 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1116 Resistant 8.0000 Intermediate 16.0000 Resistant   
## 1117 Resistant >32 Resistant >128 Resistant   
## 1118 Resistant 8.0000 Intermediate 16.0000 Resistant   
## 1119 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1120 Resistant 8.0000 Intermediate >128 Resistant   
## 1121 Resistant 8.0000 Intermediate 16.0000 Resistant   
## 1122 >32 Resistant >128 Resistant   
## 1123 >32 Resistant >128 Resistant   
## 1124 >32 Resistant >128 Resistant   
## 1125 Resistant 16.0000 Resistant 4.0000 Susceptible   
## 1126 Resistant 32.0000 Resistant >64 Resistant   
## 1127 Resistant 16.0000 Resistant 16.0000 Resistant   
## 1128 Resistant >32 Resistant >64 Resistant   
## 1129 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1130 Resistant >32 Resistant >64 Resistant   
## 1131 Resistant 32.0000 Resistant >64 Resistant   
## 1132 >32 Resistant >64 Resistant   
## 1133 Resistant >32 Resistant >64 Resistant   
## 1134 Resistant 32.0000 Resistant 32.0000 Resistant   
## 1135 Resistant >32 Resistant 16.0000 Resistant   
## 1136 Resistant >32 Resistant >64 Resistant   
## 1137 Resistant 32.0000 Resistant 64.0000 Resistant   
## 1138 Resistant 16.0000 Resistant 16.0000 Resistant   
## 1139 Resistant 32.0000 Resistant 32.0000 Resistant   
## 1140 Resistant 16.0000 Resistant 32.0000 Resistant   
## 1141 32.0000 Resistant >64 Resistant   
## 1142 Resistant >32 Resistant >64 Resistant   
## 1143 Resistant >32 Resistant 32.0000 Resistant   
## 1144 Resistant >32 Resistant 16.0000 Resistant   
## 1145 Resistant 16.0000 Resistant 16.0000 Resistant   
## 1146 Resistant 4.0000 Intermediate 4.0000 Susceptible   
## 1147 Resistant >32 Resistant >128 Resistant   
## 1148 Resistant 16.0000 Resistant 8.0000 Intermediate   
## 1149 Resistant 8.0000 Intermediate 16.0000 Resistant   
## Imipenem Imipenem\_I Levofloxacin Levofloxacin\_I Meropenem Meropenem\_I Minocycline  
## 1 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 2 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 3 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 4 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 5 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 6 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 7 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 8 1 Susceptible >4 Resistant 1 Susceptible   
## 9 0.12 Susceptible >4 Resistant 0.06 Susceptible   
## 10 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 11 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 12 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 13 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 14 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 15 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 16 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 17 0.25 Susceptible >4 Resistant 0.12 Susceptible   
## 18 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 19 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 20 0.5 Susceptible >4 Resistant 0.03 Susceptible   
## 21 0.25 Susceptible 0.12 Susceptible 0.03 Susceptible   
## 22 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 23 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 24 0.5 Susceptible 1 Intermediate 0.06 Susceptible   
## 25 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 26 1 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 27 >8 Resistant 0.12 Susceptible >8 Resistant   
## 28 >8 Resistant 0.12 Susceptible >8 Resistant   
## 29 4 Resistant >4 Resistant 0.12 Susceptible   
## 30 4 Resistant >4 Resistant 0.06 Susceptible   
## 31 0.5 Susceptible >4 Resistant 0.06 Susceptible   
## 32 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 33 0.25 Susceptible >4 Resistant 0.12 Susceptible   
## 34 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 35 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 36 >8 Resistant >4 Resistant >8 Resistant   
## 37 2 Intermediate >4 Resistant 0.06 Susceptible   
## 38 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 39 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 40 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 41 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 42 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 43 >8 Resistant 2 Resistant >8 Resistant   
## 44 0.12 Susceptible >4 Resistant 0.06 Susceptible   
## 45 2 Intermediate >4 Resistant 4 Resistant   
## 46 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 47 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 48 0.5 Susceptible >4 Resistant 0.06 Susceptible   
## 49 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 50 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 51 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 52 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 53 >8 Resistant >4 Resistant 0.12 Susceptible   
## 54 0.5 Susceptible >4 Resistant 0.06 Susceptible   
## 55 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 56 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 57 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 58 0.06 Susceptible <=0.03 Susceptible 0.06 Susceptible   
## 59 0.06 Susceptible >4 Resistant 0.06 Susceptible   
## 60 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 61 0.5 Susceptible 1 Intermediate 0.12 Susceptible   
## 62 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 63 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 64 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 65 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 66 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 67 0.06 Susceptible >4 Resistant 0.06 Susceptible   
## 68 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 69 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 70 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 71 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 72 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 73 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 74 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 75 0.06 Susceptible >4 Resistant 0.12 Susceptible   
## 76 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 77 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 78 8 Resistant >4 Resistant >8 Resistant   
## 79 >8 Resistant >4 Resistant >8 Resistant   
## 80 0.06 Susceptible 4 Resistant 0.06 Susceptible   
## 81 >8 Resistant >4 Resistant >8 Resistant   
## 82 0.5 Susceptible 1 Intermediate 0.12 Susceptible   
## 83 0.5 Susceptible 1 Intermediate 0.12 Susceptible   
## 84 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 85 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 86 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 87 0.5 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 88 0.25 Susceptible 4 Resistant 0.12 Susceptible   
## 89 0.06 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 90 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 91 0.06 Susceptible 0.25 Susceptible 0.03 Susceptible   
## 92 0.06 Susceptible >4 Resistant 0.12 Susceptible   
## 93 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 94 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 95 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 96 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 97 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 98 1 Susceptible 1 Intermediate 2 Intermediate   
## 99 0.25 Susceptible >4 Resistant 0.25 Susceptible   
## 100 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 101 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 102 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 103 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 104 0.06 Susceptible >4 Resistant 0.03 Susceptible   
## 105 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 106 0.12 Susceptible 1 Intermediate 0.03 Susceptible   
## 107 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 108 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 109 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 110 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 111 0.25 Susceptible <=0.03 Susceptible 0.03 Susceptible   
## 112 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 113 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 114 0.25 Susceptible <=0.03 Susceptible 0.015 Susceptible   
## 115 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 116 0.12 Susceptible 0.06 Susceptible 0.015 Susceptible   
## 117 1 Susceptible 1 Intermediate 0.06 Susceptible   
## 118 0.5 Susceptible 1 Intermediate 0.03 Susceptible   
## 119 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 120 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 121 0.25 Susceptible 4 Resistant 0.06 Susceptible   
## 122 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 123 0.5 Susceptible 1 Intermediate 0.03 Susceptible   
## 124 4 Resistant 0.5 Susceptible 0.12 Susceptible   
## 125 0.5 Susceptible >4 Resistant 0.06 Susceptible   
## 126 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 127 4 Resistant 0.12 Susceptible 0.06 Susceptible   
## 128 >8 Resistant 1 Intermediate >8 Resistant   
## 129 4 Resistant 0.5 Susceptible 0.12 Susceptible   
## 130 0.12 Susceptible >4 Resistant 0.12 Susceptible   
## 131 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 132 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 133 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 134 0.25 Susceptible 2 Resistant 0.03 Susceptible   
## 135 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 136 0.5 Susceptible 1 Intermediate 0.06 Susceptible   
## 137 0.25 Susceptible <=0.03 Susceptible 0.03 Susceptible   
## 138 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 139 1 Susceptible >4 Resistant 0.06 Susceptible   
## 140 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 141 2 Intermediate 0.25 Susceptible 0.12 Susceptible   
## 142 0.5 Susceptible 1 Intermediate 0.06 Susceptible   
## 143 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 144 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 145 0.5 Susceptible 1 Intermediate 0.25 Susceptible   
## 146 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 147 0.5 Susceptible >4 Resistant 0.03 Susceptible   
## 148 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 149 0.12 Susceptible 1 Intermediate 0.03 Susceptible   
## 150 0.25 Susceptible 2 Resistant 0.03 Susceptible   
## 151 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 152 0.5 Susceptible >4 Resistant 0.12 Susceptible   
## 153 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 154 0.12 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 155 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 156 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 157 0.5 Susceptible >4 Resistant 0.12 Susceptible   
## 158 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 159 0.12 Susceptible >4 Resistant 0.06 Susceptible   
## 160 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 161 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 162 1 Susceptible >4 Resistant 0.06 Susceptible   
## 163 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 164 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 165 2 Intermediate 1 Intermediate 0.12 Susceptible   
## 166 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 167 >8 Resistant >4 Resistant >8 Resistant   
## 168 0.12 Susceptible >4 Resistant 0.06 Susceptible   
## 169 0.12 Susceptible 1 Intermediate 0.03 Susceptible   
## 170 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 171 8 Resistant >4 Resistant >8 Resistant   
## 172 >8 Resistant >4 Resistant >8 Resistant   
## 173 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 174 >8 Resistant >4 Resistant >8 Resistant   
## 175 0.5 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 176 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 177 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 178 0.25 Susceptible >4 Resistant 0.12 Susceptible   
## 179 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 180 0.25 Susceptible 0.12 Susceptible 0.03 Susceptible   
## 181 0.12 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 182 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 183 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 184 >8 Resistant >4 Resistant >8 Resistant   
## 185 >8 Resistant >4 Resistant 8 Resistant   
## 186 >8 Resistant >4 Resistant >8 Resistant   
## 187 >8 Resistant >4 Resistant >8 Resistant   
## 188 0.5 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 189 0.5 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 190 0.25 Susceptible >4 Resistant 0.12 Susceptible   
## 191 0.5 Susceptible >4 Resistant 0.06 Susceptible   
## 192 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 193 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 194 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 195 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 196 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 197 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 198 0.25 Susceptible >4 Resistant 0.12 Susceptible   
## 199 0.5 Susceptible >4 Resistant 0.06 Susceptible   
## 200 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 201 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 202 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 203 0.5 Susceptible 1 Intermediate 0.06 Susceptible   
## 204 >8 Resistant >4 Resistant >8 Resistant   
## 205 2 Intermediate >4 Resistant 0.06 Susceptible   
## 206 0.25 Susceptible <=0.03 Susceptible 0.03 Susceptible   
## 207 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 208 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 209 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 210 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 211 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 212 0.12 Susceptible >4 Resistant 0.06 Susceptible   
## 213 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 214 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 215 4 Resistant >4 Resistant 0.25 Susceptible   
## 216 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 217 4 Resistant >4 Resistant 4 Resistant   
## 218 1 Susceptible >4 Resistant 0.06 Susceptible   
## 219 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 220 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 221 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 222 0.25 Susceptible 4 Resistant 0.03 Susceptible   
## 223 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 224 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 225 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 226 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 227 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 228 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 229 >8 Resistant >4 Resistant >8 Resistant   
## 230 0.12 Susceptible >4 Resistant 0.06 Susceptible   
## 231 >8 Resistant >4 Resistant >8 Resistant   
## 232 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 233 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 234 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 235 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 236 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 237 0.12 Susceptible >4 Resistant 0.06 Susceptible   
## 238 0.12 Susceptible >4 Resistant 0.06 Susceptible   
## 239 0.5 Susceptible 4 Resistant 0.12 Susceptible   
## 240 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 241 0.25 Susceptible 4 Resistant 0.03 Susceptible   
## 242 0.12 Susceptible 1 Intermediate 0.03 Susceptible   
## 243 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 244 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 245 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 246 0.25 Susceptible >4 Resistant 0.25 Susceptible   
## 247 >8 Resistant 2 Resistant >8 Resistant   
## 248 0.12 Susceptible >4 Resistant 0.015 Susceptible   
## 249 2 Intermediate >4 Resistant 0.06 Susceptible   
## 250 2 Intermediate >4 Resistant 0.06 Susceptible   
## 251 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 252 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 253 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 254 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 255 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 256 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 257 >8 Resistant 2 Resistant >8 Resistant   
## 258 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 259 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 260 2 Intermediate >4 Resistant 0.12 Susceptible   
## 261 8 Resistant 0.5 Susceptible 2 Intermediate   
## 262 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 263 2 Intermediate >4 Resistant 0.06 Susceptible   
## 264 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 265 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 266 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 267 0.5 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 268 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 269 8 Resistant >4 Resistant 8 Resistant   
## 270 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 271 0.12 Susceptible >4 Resistant 0.015 Susceptible   
## 272 >8 Resistant >4 Resistant >8 Resistant   
## 273 0.5 Susceptible >4 Resistant 0.06 Susceptible   
## 274 0.25 Susceptible >4 Resistant 0.12 Susceptible   
## 275 8 Resistant 1 Intermediate >8 Resistant   
## 276 0.25 Susceptible >4 Resistant 0.03 Susceptible   
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## 279 0.5 Susceptible 1 Intermediate 0.12 Susceptible   
## 280 0.25 Susceptible >4 Resistant 0.03 Susceptible   
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## 282 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 283 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 284 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 285 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 286 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 287 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 288 1 Susceptible >4 Resistant 1 Susceptible   
## 289 0.12 Susceptible 0.5 Susceptible 0.015 Susceptible   
## 290 0.5 Susceptible >4 Resistant 0.12 Susceptible   
## 291 0.5 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 292 0.12 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 293 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 294 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 295 0.25 Susceptible >4 Resistant 0.06 Susceptible   
## 296 0.25 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 297 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 298 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 299 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 300 0.25 Susceptible >4 Resistant 0.03 Susceptible   
## 301 0.12 Susceptible >4 Resistant 0.03 Susceptible   
## 302 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 303 1 Susceptible 2 Resistant 0.03 Susceptible   
## 304 >8 Resistant >4 Resistant >8 Resistant   
## 305 2 Resistant 4 Resistant 1  
## 306 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 307 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 308 0.5 Susceptible 1 Intermediate 0.06 Susceptible   
## 309 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 310 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 311 0.25 Susceptible 8 Resistant 0.06 Susceptible   
## 312 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 313 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 314 0.25 Susceptible 0.06 Susceptible 0.12 Susceptible   
## 315 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 316 2 Intermediate 0.12 Susceptible 2 Intermediate   
## 317 0.5 Susceptible 1 Intermediate 0.06 Susceptible   
## 318 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 319 >8 Resistant >8 Resistant >8 Resistant   
## 320 8 Resistant 2 Resistant 8 Resistant   
## 321 8 Resistant 2 Resistant 8 Resistant   
## 322 0.5 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 323 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 324 0.25 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 325 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 326 0.25 Susceptible 0.12 Susceptible 0.03 Susceptible   
## 327 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 328 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 329 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 330 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 331 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 332 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 333 0.5 Susceptible 4 Resistant 0.06 Susceptible   
## 334 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 335 1 Susceptible >8 Resistant 0.06 Susceptible   
## 336 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 337 1 Susceptible 1 Intermediate 0.06 Susceptible   
## 338 0.5 Susceptible 2 Resistant 0.06 Susceptible   
## 339 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 340 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 341 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 342 0.5 Susceptible 8 Resistant 0.03 Susceptible   
## 343 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 344 >8 Resistant >8 Resistant >8 Resistant   
## 345 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 346 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 347 0.12 Susceptible 4 Resistant 0.03 Susceptible   
## 348 0.12 Susceptible 8 Resistant 0.06 Susceptible   
## 349 0.25 Susceptible 2 Resistant 0.06 Susceptible   
## 350 0.25 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 351 0.25 Susceptible 0.12 Susceptible 0.03 Susceptible   
## 352 0.25 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 353 1 Susceptible 4 Resistant 2 Intermediate   
## 354 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 355 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 356 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 357 0.5 Susceptible 1 Intermediate 0.06 Susceptible   
## 358 0.25 Susceptible 1 Intermediate 0.12 Susceptible   
## 359 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 360 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 361 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 362 0.12 Susceptible >8 Resistant 0.06 Susceptible   
## 363 0.25 Susceptible >8 Resistant 0.12 Susceptible   
## 364 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 365 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 366 0.5 Susceptible >8 Resistant 0.06 Susceptible   
## 367 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 368 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 369 0.25 Susceptible 1 Intermediate 0.12 Susceptible   
## 370 0.25 Susceptible 4 Resistant 0.06 Susceptible   
## 371 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 372 0.25 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 373 0.12 Susceptible 1 Intermediate 0.03 Susceptible   
## 374 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 375 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 376 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 377 0.25 Susceptible >8 Resistant 0.12 Susceptible   
## 378 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 379 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 380 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 381 0.5 Susceptible >8 Resistant 0.03 Susceptible   
## 382 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 383 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 384 0.12 Susceptible >8 Resistant 0.06 Susceptible   
## 385 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 386 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 387 0.12 Susceptible 0.25 Susceptible 0.03 Susceptible   
## 388 0.25 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 389 4 Resistant 0.5 Susceptible 1 Susceptible   
## 390 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 391 0.25 Susceptible 0.5 Susceptible 0.12 Susceptible   
## 392 2 Intermediate 1 Intermediate 1 Susceptible   
## 393 2 Intermediate 8 Resistant 0.12 Susceptible   
## 394 0.5 Susceptible 1 Intermediate 0.12 Susceptible   
## 395 1 Susceptible 1 Intermediate 1 Susceptible   
## 396 4 Resistant 1 Intermediate 1 Susceptible   
## 397 2 Intermediate 1 Intermediate 0.06 Susceptible   
## 398 1 Susceptible 1 Intermediate 1 Susceptible   
## 399 0.25 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 400 1 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 401 0.5 Susceptible 2 Resistant 0.06 Susceptible   
## 402 0.5 Susceptible 1 Intermediate 0.06 Susceptible   
## 403 0.25 Susceptible 0.5 Susceptible 0.12 Susceptible   
## 404 0.5 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 405 4 Resistant 0.5 Susceptible 2 Intermediate   
## 406 2 Intermediate 0.5 Susceptible 0.25 Susceptible   
## 407 1 Susceptible 1 Intermediate 1 Susceptible   
## 408 0.25 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 409 0.5 Susceptible 2 Resistant 0.06 Susceptible   
## 410 0.5 Susceptible 0.03 Susceptible 0.06 Susceptible   
## 411 0.5 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 412 4 Resistant >8 Resistant 8 Resistant   
## 413 2 Intermediate >8 Resistant 0.06 Susceptible   
## 414 1 Susceptible >8 Resistant 0.06 Susceptible   
## 415 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 416 1 Susceptible 2 Resistant 1 Susceptible   
## 417 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 418 0.12 Susceptible 8 Resistant 0.06 Susceptible   
## 419 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 420 0.12 Susceptible 1 Intermediate 0.06 Susceptible   
## 421 1 Susceptible >8 Resistant 0.25 Susceptible   
## 422 0.25 Susceptible 0.25 Susceptible 0.06 Susceptible   
## 423 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 424 0.25 Susceptible 1 Intermediate 0.06 Susceptible   
## 425 0.25 Susceptible 8 Resistant 0.03 Susceptible   
## 426 0.12 Susceptible >8 Resistant 0.06 Susceptible   
## 427 0.12 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 428 1 Susceptible >8 Resistant 1 Susceptible   
## 429 0.12 Susceptible 1 Intermediate 0.06 Susceptible   
## 430 0.5 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 431 0.12 Susceptible 1 Intermediate 0.06 Susceptible   
## 432 0.5 Susceptible >8 Resistant 0.12 Susceptible   
## 433 1 Susceptible >8 Resistant 0.06 Susceptible   
## 434 2 Intermediate >8 Resistant 0.5 Susceptible   
## 435 >8 Resistant >8 Resistant >8 Resistant   
## 436 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 437 0.12 Susceptible 1 Intermediate 0.06 Susceptible   
## 438 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 439 0.25 Susceptible 0.25 Susceptible 0.06 Susceptible   
## 440 0.12 Susceptible >8 Resistant 0.06 Susceptible   
## 441 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 442 0.12 Susceptible 8 Resistant 0.03 Susceptible   
## 443 0.25 Susceptible >8 Resistant 0.25 Susceptible   
## 444 1 Susceptible >8 Resistant 2 Intermediate   
## 445 0.25 Susceptible >8 Resistant 0.015 Susceptible   
## 446 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 447 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 448 0.12 Susceptible 8 Resistant 0.03 Susceptible   
## 449 0.12 Susceptible >8 Resistant 0.015 Susceptible   
## 450 0.06 Susceptible 4 Resistant 0.03 Susceptible   
## 451 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 452 0.12 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 453 0.5 Susceptible >8 Resistant 0.5 Susceptible   
## 454 0.12 Susceptible >8 Resistant 0.015 Susceptible   
## 455 0.12 Susceptible >8 Resistant 0.015 Susceptible   
## 456 8 Resistant >8 Resistant 8 Resistant   
## 457 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 458 0.12 Susceptible 4 Resistant 0.06 Susceptible   
## 459 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 460 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 461 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 462 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 463 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 464 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 465 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 466 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 467 0.25 Susceptible <=0.03 Susceptible 0.03 Susceptible   
## 468 8 Resistant >8 Resistant >8 Resistant   
## 469 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 470 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 471 0.12 Susceptible >8 Resistant 0.06 Susceptible   
## 472 0.25 Susceptible 8 Resistant 0.03 Susceptible   
## 473 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 474 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 475 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 476 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
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## 478 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 479 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 480 0.25 Susceptible 0.5 Susceptible 0.015 Susceptible   
## 481 0.12 Susceptible 8 Resistant 0.03 Susceptible   
## 482 0.12 Susceptible 8 Resistant 0.03 Susceptible   
## 483 0.12 Susceptible 8 Resistant 0.015 Susceptible   
## 484 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 485 0.12 Susceptible 8 Resistant 0.06 Susceptible   
## 486 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 487 0.12 Susceptible >8 Resistant 0.015 Susceptible   
## 488 0.25 Susceptible >8 Resistant 0.03 Susceptible   
## 489 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 490 0.12 Susceptible 1 Intermediate 0.015 Susceptible   
## 491 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 492 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 493 2 Intermediate >8 Resistant 1 Susceptible   
## 494 4 Resistant >8 Resistant 8 Resistant   
## 495 >8 Resistant >8 Resistant >8 Resistant   
## 496 1 Susceptible 2 Resistant 1 Susceptible   
## 497 >8 Resistant >8 Resistant >8 Resistant   
## 498 2 Intermediate 1 Intermediate 0.06 Susceptible   
## 499 0.12 Susceptible 0.25 Susceptible 0.03 Susceptible   
## 500 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 501 >8 Resistant >8 Resistant >8 Resistant   
## 502 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 503 1 Susceptible 1 Intermediate 0.25 Susceptible   
## 504 1 Susceptible >8 Resistant 0.5 Susceptible   
## 505 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 506 2 Intermediate >8 Resistant 2 Intermediate   
## 507 4 Resistant >8 Resistant >8 Resistant   
## 508 0.12 Susceptible >8 Resistant 0.015 Susceptible   
## 509 0.12 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 510 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 511 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 512 0.25 Susceptible 1 Intermediate 0.015 Susceptible   
## 513 0.12 Susceptible 8 Resistant 0.03 Susceptible   
## 514 0.12 Susceptible >8 Resistant 0.015 Susceptible   
## 515 4 Resistant >8 Resistant >8 Resistant   
## 516 0.12 Susceptible >8 Resistant 0.03 Susceptible   
## 517 >8 Resistant >8 Resistant >8 Resistant   
## 518 0.12 Susceptible 4 Resistant 0.03 Susceptible   
## 519 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 520 0.25 Susceptible >8 Resistant 0.06 Susceptible   
## 521 1 Susceptible >8 Resistant 0.25 Susceptible   
## 522 >8 Resistant >8 Resistant >8 Resistant   
## 523 >8 Resistant 0.12 Susceptible >8 Resistant   
## 524 1 Susceptible 0.5 Susceptible 0.5 Susceptible   
## 525 0.25 Susceptible 0.03 Susceptible 16  
## 526 0.5 Susceptible 0.25 Susceptible 16  
## 527 8 Resistant <=0.06 Susceptible 16  
## 528 2 Intermediate 1 Intermediate 2 Intermediate   
## 529 2 Intermediate 2 Resistant 2 Intermediate   
## 530 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 531 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 532 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 533 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 534 0.25 Susceptible 8 Resistant 0.06 Susceptible   
## 535 1 Susceptible 1 Intermediate 0.03 Susceptible   
## 536 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 537 >8 Resistant 0.5 Susceptible 8 Resistant   
## 538 0.25 Susceptible 0.5 Susceptible 0.25 Susceptible   
## 539 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 540 2 Intermediate 8 Resistant 1 Susceptible   
## 541 0.12 Susceptible 0.06 Susceptible 0.03 Susceptible   
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## 545 0.12 Susceptible 1 Intermediate 0.03 Susceptible   
## 546 1 Susceptible 1 Intermediate 1 Susceptible   
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## 548 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
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## 551 0.25 Susceptible 1 Intermediate 0.03 Susceptible   
## 552 0.12 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 553 2 Intermediate 2 Resistant 0.5 Susceptible   
## 554 0.25 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 555 0.25 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 556 1 Susceptible 1 Intermediate 1 Susceptible   
## 557 0.12 Susceptible >8 Resistant 0.015 Susceptible   
## 558 2 Intermediate >8 Resistant 0.5 Susceptible   
## 559 0.12 Susceptible 0.25 Susceptible 0.015 Susceptible   
## 560 4 Resistant >8 Resistant 0.5 Susceptible   
## 561 >8 Resistant 0.12 Susceptible >8 Resistant   
## 562 0.5 Susceptible 8 Resistant 8  
## 563 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 564 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 565 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
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## 568 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 569 0.12 Susceptible 1 Intermediate <=0.06 Susceptible   
## 570 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
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## 573 1 Susceptible 1 Intermediate <=0.06 Susceptible   
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## 580 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
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## 585 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
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## 587 0.12 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 588 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 589 1 Susceptible >8 Resistant 4 Resistant   
## 590 0.25 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 591 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 592 0.12 Susceptible 1 Intermediate <=0.06 Susceptible   
## 593 0.12 Susceptible 1 Intermediate <=0.06 Susceptible   
## 594 0.5 Susceptible 8 Resistant <=0.06 Susceptible   
## 595 0.25 Susceptible 2 Resistant <=0.06 Susceptible   
## 596 >8 Resistant >8 Resistant >16 Resistant   
## 597 0.25 Susceptible 8 Resistant <=0.06 Susceptible   
## 598 >8 Resistant >8 Resistant >16 Resistant   
## 599 0.5 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 600 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 601 1 Susceptible 1 Intermediate <=0.06 Susceptible   
## 602 >8 Resistant >8 Resistant >16 Resistant   
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## 605 0.25 Susceptible 2 Resistant <=0.06 Susceptible   
## 606 0.25 Susceptible 8 Resistant <=0.06 Susceptible   
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## 609 >8 Resistant >8 Resistant >16 Resistant   
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## 617 >8 Resistant >8 Resistant >16 Resistant   
## 618 0.5 Susceptible >8 Resistant 0.5 Susceptible   
## 619 >8 Resistant >8 Resistant >16 Resistant   
## 620 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
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## 629 2 Intermediate 0.5 Susceptible 0.12 Susceptible   
## 630 0.5 Susceptible >8 Resistant <=0.06 Susceptible   
## 631 >8 Resistant 1 Intermediate >16 Resistant   
## 632 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 633 >8 Resistant 1 Intermediate >16 Resistant   
## 634 >8 Resistant 1 Intermediate >16 Resistant   
## 635 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 636 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
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## 638 >8 Resistant >8 Resistant >16 Resistant   
## 639 0.5 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 640 0.25 Susceptible 2 Resistant <=0.06 Susceptible   
## 641 0.12 Susceptible 1 Intermediate <=0.06 Susceptible   
## 642 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
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## 644 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
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## 649 1 Susceptible >8 Resistant 0.5 Susceptible   
## 650 1 Susceptible >8 Resistant 0.5 Susceptible   
## 651 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
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## 662 0.25 Susceptible 8 Resistant <=0.06 Susceptible   
## 663 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
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## 673 >8 Resistant <=0.25 Susceptible <=0.06 Susceptible   
## 674 0.25 Susceptible 4 Resistant 2 Intermediate   
## 675 0.12 Susceptible 8 Resistant 0.5 Susceptible   
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## 678 0.12 Susceptible 8 Resistant <=0.06 Susceptible   
## 679 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 680 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 681 >8 Resistant 2 Resistant 4 Resistant   
## 682 0.25 Susceptible 8 Resistant 0.12 Susceptible   
## 683 1 Susceptible >8 Resistant <=0.06 Susceptible   
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## 686 2 Intermediate >8 Resistant <=0.06 Susceptible   
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## 698 4 Resistant >8 Resistant 1 Susceptible   
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## 700 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 701 0.5 Susceptible >8 Resistant 0.5 Susceptible   
## 702 1 Susceptible >8 Resistant 2 Intermediate   
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## 704 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 705 2 Intermediate >8 Resistant <=0.06 Susceptible   
## 706 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 707 4 Resistant >8 Resistant >16 Resistant   
## 708 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 709 0.25 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 710 8 Resistant >8 Resistant >16 Resistant   
## 711 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 712 0.12 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 713 4 Resistant 1 Intermediate 1 Susceptible   
## 714 >8 Resistant 1 Intermediate >16 Resistant   
## 715 0.12 Susceptible >8 Resistant 0.12 Susceptible   
## 716 0.25 Susceptible 4 Resistant 1 Susceptible   
## 717 8 Resistant 1 Intermediate 4 Resistant   
## 718 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 719 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 720 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 721 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 722 0.25 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 723 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 724 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 725 0.25 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 726 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 727 1 Susceptible 4 Resistant 0.5 Susceptible   
## 728 >8 Resistant >8 Resistant >16 Resistant   
## 729 8 Resistant 2 Resistant 8 Resistant   
## 730 1 Susceptible >8 Resistant 2 Intermediate   
## 731 1 Susceptible 4 Resistant 1 Susceptible   
## 732 2 Intermediate >8 Resistant 4 Resistant   
## 733 1 Susceptible 1 Intermediate 0.5 Susceptible   
## 734 2 Intermediate >8 Resistant 4 Resistant   
## 735 2 Intermediate 8 Resistant 2 Intermediate   
## 736 2 Intermediate 1 Intermediate 1 Susceptible   
## 737 2 Intermediate <=0.25 Susceptible 0.5 Susceptible   
## 738 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 739 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 740 0.12 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 741 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 742 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 743 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 744 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 745 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 746 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 747 2 Intermediate >8 Resistant 4 Resistant   
## 748 2 Intermediate 2 Resistant 2 Intermediate   
## 749 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 750 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 751 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 752 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 753 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 754 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 755 1 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 756 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 757 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 758 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 759 8 Resistant 0.5 Susceptible 2 Intermediate   
## 760 0.12 Susceptible 1 Intermediate <=0.06 Susceptible   
## 761 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 762 0.25 Susceptible >8 Resistant 0.12 Susceptible   
## 763 8 Resistant >8 Resistant 2 Intermediate   
## 764 0.12 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 765 1 Susceptible 1 Intermediate 0.12 Susceptible   
## 766 0.12 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 767 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 768 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 769 8 Resistant <=0.25 Susceptible 8 Resistant   
## 770 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 771 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 772 1 Susceptible >8 Resistant <=0.06 Susceptible   
## 773 8 Resistant >8 Resistant >16 Resistant   
## 774 >8 Resistant >8 Resistant 1 Susceptible   
## 775 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 776 0.5 Susceptible 1 Intermediate <=0.06 Susceptible   
## 777 0.5 Susceptible >8 Resistant <=0.06 Susceptible   
## 778 0.5 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 779 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 780 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 781 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 782 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 783 0.25 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 784 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 785 0.12 Susceptible 2 Resistant <=0.06 Susceptible   
## 786 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 787 1 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 788 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 789 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 790 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 791 0.5 Susceptible 2 Resistant <=0.06 Susceptible   
## 792 0.25 Susceptible 1 Intermediate <=0.06 Susceptible   
## 793 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 794 >8 Resistant >8 Resistant 8 Resistant   
## 795 >8 Resistant 4 Resistant 4 Resistant   
## 796 >8 Resistant >8 Resistant 8 Resistant   
## 797 >8 Resistant >8 Resistant 16 Resistant   
## 798 >8 Resistant >8 Resistant >16 Resistant   
## 799 >8 Resistant >8 Resistant 16 Resistant   
## 800 >8 Resistant >8 Resistant 16 Resistant   
## 801 >8 Resistant >8 Resistant 16 Resistant   
## 802 >8 Resistant >8 Resistant 16 Resistant   
## 803 0.25 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 804 2 Intermediate <=0.25 Susceptible 0.5 Susceptible   
## 805 0.5 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 806 >8 Resistant 2 Resistant 16 Resistant   
## 807 1 Susceptible >8 Resistant 0.5 Susceptible   
## 808 0.12 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 809 0.12 Susceptible >8 Resistant <=0.06 Susceptible   
## 810 0.12 Susceptible 8 Resistant <=0.06 Susceptible   
## 811 0.12 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 812 0.5 Susceptible 1 Intermediate <=0.06 Susceptible   
## 813 0.5 Susceptible 1 Intermediate 0.12 Susceptible   
## 814 0.12 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 815 0.12 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 816 0.25 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 817 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 818 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 819 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 820 0.25 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 821 0.25 Susceptible >8 Resistant <=0.06 Susceptible   
## 822 0.12 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 823 0.25 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 824 >8 Resistant 2 Resistant 16 Resistant   
## 825 4 Resistant 2 Resistant 2 Intermediate   
## 826 >8 Resistant 0.5 Susceptible 4 Resistant   
## 827 >8 Resistant 0.5 Susceptible >16 Resistant   
## 828 >8 Resistant >8 Resistant >16 Resistant   
## 829 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 830 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 831 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 832 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 833 0.1200 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 834 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 835 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 836 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 837 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 838 >8 Resistant >8 Resistant >16 Resistant   
## 839 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 840 0.1200 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 841 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 842 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 843 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 844 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 845 2.0000 Intermediate >8 Resistant 1.0000 Susceptible   
## 846 0.1200 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 847 0.1200 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 848 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 849 0.5000 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 850 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 851 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 852 0.5000 Susceptible >8 Resistant 0.1200 Susceptible   
## 853 0.2500 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 854 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 855 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 856 >8 Resistant 8.0000 Resistant >16 Resistant   
## 857 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 858 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 859 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 860 0.5000 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 861 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 862 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 863 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 864 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 865 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 866 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 867 0.2500 Susceptible >8 Resistant 0.1200 Susceptible   
## 868 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 869 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 870 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 871 0.2500 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 872 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 873 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 874 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 875 2.0000 Intermediate >8 Resistant 4.0000 Resistant   
## 876 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 877 1.0000 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 878 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 879 >8 Resistant >8 Resistant >16 Resistant   
## 880 0.2500 Susceptible >8 Resistant 0.5000 Susceptible   
## 881 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 882 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 883 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 884 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 885 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 886 2.0000 Intermediate >8 Resistant 0.1200 Susceptible   
## 887 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 888 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 889 0.5000 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 890 8.0000 Resistant >8 Resistant 16.0000 Resistant   
## 891 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 892 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 893 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 894 8.0000 Resistant >8 Resistant 16.0000 Resistant   
## 895 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 896 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 897 >8 Resistant >8 Resistant >16 Resistant   
## 898 >8 Resistant >8 Resistant >16 Resistant   
## 899 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 900 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 901 1.0000 Susceptible >8 Resistant 8.0000 Resistant   
## 902 1.0000 Susceptible >8 Resistant 0.5000 Susceptible   
## 903 1.0000 Susceptible 0.5000 Susceptible 4.0000 Resistant   
## 904 0.1200 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 905 1.0000 Susceptible >8 Resistant 1.0000 Susceptible   
## 906 1.0000 Susceptible 8.0000 Resistant 1.0000 Susceptible   
## 907 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 908 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 909 2.0000 Intermediate 2.0000 Resistant 1.0000 Susceptible   
## 910 4.0000 Resistant >8 Resistant >16 Resistant   
## 911 8.0000 Resistant >8 Resistant >16 Resistant   
## 912 2.0000 Intermediate 0.5000 Susceptible 2.0000 Intermediate   
## 913 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 914 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 915 >8 Resistant 0.5000 Susceptible >16 Resistant   
## 916 1.0000 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 917 0.1200 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 918 4.0000 Resistant >8 Resistant >16 Resistant   
## 919 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 920 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 921 >8 Resistant >8 Resistant >16 Resistant   
## 922 4.0000 Resistant >8 Resistant 8.0000 Resistant   
## 923 0.5000 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 924 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 925 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 926 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 927 2.0000 Intermediate <=0.25 Susceptible 2.0000 Intermediate   
## 928 1.0000 Susceptible <=0.25 Susceptible 0.5000 Susceptible   
## 929 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 930 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 931 0.1200 Susceptible 4.0000 Resistant <=0.06 Susceptible   
## 932 0.1200 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 933 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 934 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 935 8.0000 Resistant >8 Resistant 4.0000 Resistant   
## 936 2.0000 Intermediate 0.5000 Susceptible >16 Resistant   
## 937 0.1200 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 938 2.0000 Intermediate >8 Resistant 1.0000 Susceptible   
## 939 0.2500 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 940 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 941 >8 Resistant >8 Resistant >16 Resistant   
## 942 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 943 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 944 8.0000 Resistant >8 Resistant >16 Resistant   
## 945 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 946 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 947 >8 Resistant 8.0000 Resistant >16 Resistant   
## 948 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 949 >8 Resistant 1.0000 Intermediate 4.0000 Resistant   
## 950 0.1200 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 951 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 952 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 953 0.1200 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 954 0.2500 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 955 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 956 0.1200 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 957 0.2500 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 958 >8 Resistant >8 Resistant >16 Resistant   
## 959 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 960 >8 Resistant >8 Resistant 8.0000 Resistant   
## 961 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 962 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 963 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 964 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 965 8.0000 Resistant >8 Resistant 4.0000 Resistant   
## 966 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 967 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 968 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 969 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 970 >8 Resistant 1.0000 Intermediate >16 Resistant   
## 971 0.5000 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 972 >8 Resistant 4.0000 Resistant >16 Resistant   
## 973 >8 Resistant >8 Resistant 8.0000 Resistant   
## 974 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 975 0.2500 Susceptible 0.5000 Susceptible 0.1200 Susceptible   
## 976 1.0000 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 977 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 978 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 979 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 980 1.0000 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 981 0.2500 Susceptible >8 Resistant 0.1200 Susceptible   
## 982 0.2500 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 983 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 984 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 985 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 986 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 987 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 988 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 989 0.2500 Susceptible 4.0000 Resistant <=0.06 Susceptible   
## 990 0.2500 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 991 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 992 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 993 >8 Resistant >8 Resistant >16 Resistant   
## 994 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 995 >8 Resistant 8.0000 Resistant >16 Resistant   
## 996 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 997 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 998 0.2500 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 999 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1000 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1001 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1002 >8 Resistant 8.0000 Resistant >16 Resistant   
## 1003 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1004 0.1200 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1005 0.1200 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1006 1.0000 Susceptible 2.0000 Resistant 1.0000 Susceptible   
## 1007 1.0000 Susceptible 1.0000 Intermediate 2.0000 Intermediate   
## 1008 0.1200 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1009 >8 Resistant >8 Resistant >16 Resistant   
## 1010 0.1200 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1011 0.1200 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1012 0.1200 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1013 0.1200 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1014 1.0000 Susceptible 1.0000 Intermediate 0.5000 Susceptible   
## 1015 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1016 2.0000 Intermediate >8 Resistant 4.0000 Resistant   
## 1017 4.0000 Resistant 0.5000 Susceptible 0.5000 Susceptible   
## 1018 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1019 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1020 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1021 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1022 <=0.06 Susceptible >8 Resistant <=0.06 Susceptible   
## 1023 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1024 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1025 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1026 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1027 0.1200 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1028 0.1200 Susceptible >8 Resistant 0.2500 Susceptible   
## 1029 8.0000 Resistant <=0.25 Susceptible >16 Resistant   
## 1030 0.1200 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1031 8.0000 Resistant <=0.25 Susceptible >16 Resistant   
## 1032 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1033 0.1200 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1034 0.1200 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1035 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1036 4.0000 Resistant >8 Resistant 16.0000 Resistant   
## 1037 8.0000 Resistant <=0.25 Susceptible 16.0000 Resistant   
## 1038 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1039 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1040 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1041 1.0000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1042 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1043 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1044 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1045 0.2500 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1046 >8 Resistant <=0.25 Susceptible >16 Resistant   
## 1047 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1048 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1049 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1050 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1051 1.0000 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1052 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1053 0.2500 Susceptible >8 Resistant 0.1200 Susceptible   
## 1054 0.1200 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1055 4.0000 Resistant >8 Resistant 4.0000 Resistant   
## 1056 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1057 0.1200 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1058 0.5000 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1059 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1060 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1061 2.0000 Intermediate 4.0000 Resistant 0.1200 Susceptible   
## 1062 0.1200 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1063 0.2500 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1064 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1065 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1066 0.5000 Susceptible 4.0000 Resistant <=0.06 Susceptible   
## 1067 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1068 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1069 >8 Resistant >8 Resistant >16 Resistant   
## 1070 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1071 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1072 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1073 0.5000 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1074 >8 Resistant >8 Resistant >16 Resistant   
## 1075 >8 Resistant >8 Resistant >16 Resistant   
## 1076 0.2500 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1077 >8 Resistant >8 Resistant 8.0000 Resistant   
## 1078 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1079 >8 Resistant >8 Resistant 8.0000 Resistant   
## 1080 2.0000 Intermediate >8 Resistant 2.0000 Intermediate   
## 1081 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1082 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1083 >8 Resistant >8 Resistant >16 Resistant   
## 1084 0.2500 Susceptible >8 Resistant 0.2500 Susceptible   
## 1085 >8 Resistant >8 Resistant >16 Resistant   
## 1086 1.0000 Susceptible >8 Resistant 1.0000 Susceptible   
## 1087 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1088 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1089 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1090 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1091 0.2500 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1092 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1093 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1094 0.2500 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1095 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1096 >8 Resistant >8 Resistant >16 Resistant   
## 1097 1.0000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1098 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1099 0.1200 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1100 >8 Resistant >8 Resistant >16 Resistant   
## 1101 >8 Resistant >8 Resistant >16 Resistant   
## 1102 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1103 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1104 >8 Resistant >8 Resistant >16 Resistant   
## 1105 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1106 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1107 2.0000 Intermediate 1.0000 Intermediate <=0.06 Susceptible   
## 1108 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1109 >8 Resistant 0.5000 Susceptible 4.0000 Resistant   
## 1110 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1111 0.2500 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1112 0.2500 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1113 4.0000 Resistant <=0.25 Susceptible 1.0000 Susceptible   
## 1114 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1115 1.0000 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1116 0.5000 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1117 >8 Resistant 0.5000 Susceptible >16 Resistant   
## 1118 0.2500 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1119 0.5000 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1120 8.0000 Resistant 0.5000 Susceptible 8.0000 Resistant   
## 1121 1.0000 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1122 >8 Resistant >8 Resistant >16 Resistant   
## 1123 >8 Resistant 8.0000 Resistant >16 Resistant   
## 1124 >8 Resistant 8.0000 Resistant >16 Resistant   
## 1125 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1126 >8 Resistant >8 Resistant 16.0000 Resistant   
## 1127 0.1200 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1128 2.0000 Intermediate 8.0000 Resistant 2.0000 Intermediate   
## 1129 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1130 >8 Resistant >8 Resistant >16 Resistant   
## 1131 >8 Resistant >8 Resistant 8.0000 Resistant   
## 1132 1.0000 Susceptible >8 Resistant 4.0000 Intermediate   
## 1133 >8 Resistant >8 Resistant >16 Resistant   
## 1134 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1135 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1136 >8 Resistant >8 Resistant 16.0000 Resistant   
## 1137 0.2500 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1138 0.5000 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1139 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1140 0.1200 Susceptible >8 Resistant <=0.06 Susceptible   
## 1141 2.0000 Susceptible >8 Resistant 16.0000 Resistant   
## 1142 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1143 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1144 0.2500 Susceptible >8 Resistant 0.1200 Susceptible   
## 1145 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1146 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1147 0.2500 Susceptible >8 Resistant <=0.06 Susceptible   
## 1148 0.5000 Susceptible >8 Resistant <=0.06 Susceptible   
## 1149 0.2500 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## Minocycline\_I Piperacillin.tazobactam Piperacillin.tazobactam\_I Tigecycline Tigecycline\_I  
## 1 64 Resistant 1 Susceptible  
## 2 128 Resistant 0.25 Susceptible  
## 3 2 Susceptible 0.25 Susceptible  
## 4 8 Susceptible 1 Susceptible  
## 5 4 Susceptible 0.5 Susceptible  
## 6 8 Susceptible 0.25 Susceptible  
## 7 32 Resistant 1 Susceptible  
## 8 >128 Resistant 0.5 Susceptible  
## 9 8 Susceptible 0.5 Susceptible  
## 10 32 Resistant 1 Susceptible  
## 11 16 Intermediate 0.25 Susceptible  
## 12 2 Susceptible 0.25 Susceptible  
## 13 32 Resistant 2 Susceptible  
## 14 4 Susceptible 0.25 Susceptible  
## 15 16 Intermediate 0.5 Susceptible  
## 16 8 Susceptible 0.5 Susceptible  
## 17 >128 Resistant 1 Susceptible  
## 18 >128 Resistant 0.5 Susceptible  
## 19 16 Intermediate 0.25 Susceptible  
## 20 128 Resistant 0.25 Susceptible  
## 21 8 Susceptible 0.5 Susceptible  
## 22 16 Intermediate 1 Susceptible  
## 23 >128 Resistant 0.5 Susceptible  
## 24 16 Intermediate 1 Susceptible  
## 25 2 Susceptible 0.5 Susceptible  
## 26 32 Resistant 2 Susceptible  
## 27 >128 Resistant 2 Susceptible  
## 28 >128 Resistant 2 Susceptible  
## 29 0.5 Susceptible 2 Susceptible  
## 30 4 Susceptible 2 Susceptible  
## 31 32 Resistant 1 Susceptible  
## 32 >128 Resistant 1 Susceptible  
## 33 >128 Resistant 1 Susceptible  
## 34 64 Resistant 2 Susceptible  
## 35 16 Intermediate 2 Susceptible  
## 36 >128 Resistant 4 Intermediate  
## 37 64 Resistant 4 Intermediate  
## 38 64 Resistant 1 Susceptible  
## 39 16 Intermediate 1 Susceptible  
## 40 64 Resistant 1 Susceptible  
## 41 64 Resistant 1 Susceptible  
## 42 32 Resistant 0.5 Susceptible  
## 43 >128 Resistant 0.5 Susceptible  
## 44 32 Resistant 1 Susceptible  
## 45 >128 Resistant 0.5 Susceptible  
## 46 32 Resistant 1 Susceptible  
## 47 >128 Resistant 1 Susceptible  
## 48 64 Resistant 2 Susceptible  
## 49 16 Intermediate 1 Susceptible  
## 50 16 Intermediate 1 Susceptible  
## 51 16 Intermediate 1 Susceptible  
## 52 64 Resistant 0.5 Susceptible  
## 53 2 Susceptible 1 Susceptible  
## 54 64 Resistant 0.25 Susceptible  
## 55 16 Intermediate 0.5 Susceptible  
## 56 16 Intermediate 0.5 Susceptible  
## 57 8 Susceptible 0.12 Susceptible  
## 58 4 Susceptible 0.12 Susceptible  
## 59 64 Resistant 0.25 Susceptible  
## 60 16 Intermediate 0.25 Susceptible  
## 61 16 Intermediate 0.5 Susceptible  
## 62 4 Susceptible 0.5 Susceptible  
## 63 16 Intermediate 0.5 Susceptible  
## 64 2 Susceptible 0.5 Susceptible  
## 65 16 Intermediate 0.25 Susceptible  
## 66 8 Susceptible 0.25 Susceptible  
## 67 64 Resistant 0.5 Susceptible  
## 68 16 Intermediate 0.5 Susceptible  
## 69 2 Susceptible 1 Susceptible  
## 70 16 Intermediate 0.5 Susceptible  
## 71 32 Resistant 0.5 Susceptible  
## 72 16 Intermediate 0.5 Susceptible  
## 73 16 Intermediate 0.5 Susceptible  
## 74 16 Intermediate 0.5 Susceptible  
## 75 64 Resistant 4 Intermediate  
## 76 16 Intermediate 2 Susceptible  
## 77 4 Susceptible 0.5 Susceptible  
## 78 >128 Resistant 2 Susceptible  
## 79 >128 Resistant 2 Susceptible  
## 80 16 Intermediate 1 Susceptible  
## 81 >128 Resistant 2 Susceptible  
## 82 16 Intermediate 1 Susceptible  
## 83 16 Intermediate 1 Susceptible  
## 84 64 Resistant 0.25 Susceptible  
## 85 16 Intermediate 1 Susceptible  
## 86 16 Intermediate 0.5 Susceptible  
## 87 64 Resistant 0.5 Susceptible  
## 88 128 Resistant 1 Susceptible  
## 89 4 Susceptible 0.25 Susceptible  
## 90 16 Intermediate 0.25 Susceptible  
## 91 4 Susceptible 0.25 Susceptible  
## 92 >128 Resistant 2 Susceptible  
## 93 16 Intermediate 0.25 Susceptible  
## 94 16 Intermediate 0.5 Susceptible  
## 95 16 Intermediate 0.5 Susceptible  
## 96 16 Intermediate 0.25 Susceptible  
## 97 4 Susceptible 0.12 Susceptible  
## 98 >128 Resistant 0.25 Susceptible  
## 99 >128 Resistant 0.5 Susceptible  
## 100 64 Resistant 2 Susceptible  
## 101 >128 Resistant 1 Susceptible  
## 102 64 Resistant 1 Susceptible  
## 103 8 Susceptible 0.25 Susceptible  
## 104 64 Resistant 0.25 Susceptible  
## 105 4 Susceptible 0.5 Susceptible  
## 106 4 Susceptible 0.5 Susceptible  
## 107 8 Susceptible 0.5 Susceptible  
## 108 64 Resistant 1 Susceptible  
## 109 64 Resistant 0.5 Susceptible  
## 110 64 Resistant 1 Susceptible  
## 111 8 Susceptible 0.25 Susceptible  
## 112 64 Resistant 0.12 Susceptible  
## 113 64 Resistant 0.5 Susceptible  
## 114 2 Susceptible 0.25 Susceptible  
## 115 4 Susceptible 0.5 Susceptible  
## 116 32 Resistant 0.5 Susceptible  
## 117 >128 Resistant 0.5 Susceptible  
## 118 32 Resistant 0.5 Susceptible  
## 119 >128 Resistant 0.5 Susceptible  
## 120 >128 Resistant 0.5 Susceptible  
## 121 64 Resistant 0.5 Susceptible  
## 122 128 Resistant 2 Susceptible  
## 123 32 Resistant 1 Susceptible  
## 124 128 Resistant 1 Susceptible  
## 125 >128 Resistant 0.25 Susceptible  
## 126 32 Resistant 2 Susceptible  
## 127 <=0.25 Susceptible 2 Susceptible  
## 128 >128 Resistant 0.5 Susceptible  
## 129 2 Susceptible 4 Intermediate  
## 130 >128 Resistant 1 Susceptible  
## 131 16 Intermediate 0.5 Susceptible  
## 132 16 Intermediate 0.5 Susceptible  
## 133 16 Intermediate 0.25 Susceptible  
## 134 16 Intermediate 0.12 Susceptible  
## 135 16 Intermediate 0.25 Susceptible  
## 136 16 Intermediate 1 Susceptible  
## 137 0.5 Susceptible 0.12 Susceptible  
## 138 16 Intermediate 0.25 Susceptible  
## 139 16 Intermediate 1 Susceptible  
## 140 32 Resistant 1 Susceptible  
## 141 1 Susceptible 2 Susceptible  
## 142 16 Intermediate 0.5 Susceptible  
## 143 16 Intermediate 0.5 Susceptible  
## 144 2 Susceptible 0.5 Susceptible  
## 145 32 Resistant 2 Susceptible  
## 146 16 Intermediate 0.5 Susceptible  
## 147 16 Intermediate 0.25 Susceptible  
## 148 16 Intermediate 0.5 Susceptible  
## 149 8 Susceptible 0.25 Susceptible  
## 150 >128 Resistant 0.5 Susceptible  
## 151 16 Intermediate 1 Susceptible  
## 152 4 Susceptible 0.5 Susceptible  
## 153 8 Susceptible 0.25 Susceptible  
## 154 4 Susceptible 0.5 Susceptible  
## 155 8 Susceptible 0.12 Susceptible  
## 156 2 Susceptible 0.25 Susceptible  
## 157 64 Resistant 1 Susceptible  
## 158 16 Intermediate 0.12 Susceptible  
## 159 8 Susceptible 0.12 Susceptible  
## 160 8 Susceptible 0.25 Susceptible  
## 161 8 Susceptible 0.5 Susceptible  
## 162 8 Susceptible 0.25 Susceptible  
## 163 8 Susceptible 0.5 Susceptible  
## 164 4 Susceptible 2 Susceptible  
## 165 16 Intermediate 1 Susceptible  
## 166 128 Resistant 1 Susceptible  
## 167 >128 Resistant 1 Susceptible  
## 168 64 Resistant 1 Susceptible  
## 169 128 Resistant 0.5 Susceptible  
## 170 8 Susceptible 0.5 Susceptible  
## 171 >128 Resistant 2 Susceptible  
## 172 >128 Resistant 2 Susceptible  
## 173 128 Resistant 2 Susceptible  
## 174 >128 Resistant 2 Susceptible  
## 175 8 Susceptible 1 Susceptible  
## 176 16 Intermediate 0.5 Susceptible  
## 177 64 Resistant 2 Susceptible  
## 178 8 Susceptible 1 Susceptible  
## 179 4 Susceptible 0.5 Susceptible  
## 180 4 Susceptible 1 Susceptible  
## 181 16 Intermediate 0.5 Susceptible  
## 182 4 Susceptible 0.5 Susceptible  
## 183 8 Susceptible 1 Susceptible  
## 184 >128 Resistant 8   
## 185 128 Resistant >8   
## 186 >128 Resistant 2 Susceptible  
## 187 >128 Resistant 2 Susceptible  
## 188 2 Susceptible 0.5 Susceptible  
## 189 2 Susceptible 0.25 Susceptible  
## 190 4 Susceptible 0.5 Susceptible  
## 191 0.5 Susceptible 2 Susceptible  
## 192 <=0.25 Susceptible 0.06 Susceptible  
## 193 16 Intermediate 0.25 Susceptible  
## 194 16 Intermediate 0.25 Susceptible  
## 195 16 Intermediate 0.5 Susceptible  
## 196 8 Susceptible 0.25 Susceptible  
## 197 4 Susceptible 0.25 Susceptible  
## 198 128 Resistant 0.5 Susceptible  
## 199 32 Resistant 2 Susceptible  
## 200 16 Intermediate 0.5 Susceptible  
## 201 128 Resistant 0.5 Susceptible  
## 202 16 Intermediate 0.25 Susceptible  
## 203 16 Intermediate 1 Susceptible  
## 204 >128 Resistant 1 Susceptible  
## 205 0.5 Susceptible 2 Susceptible  
## 206 0.5 Susceptible 0.12 Susceptible  
## 207 >128 Resistant 0.5 Susceptible  
## 208 16 Intermediate 0.25 Susceptible  
## 209 16 Intermediate 1 Susceptible  
## 210 0.5 Susceptible 0.12 Susceptible  
## 211 1 Susceptible 0.5 Susceptible  
## 212 16 Intermediate 1 Susceptible  
## 213 64 Resistant 0.12 Susceptible  
## 214 16 Intermediate 2 Susceptible  
## 215 0.5 Susceptible 0.5 Susceptible  
## 216 16 Intermediate 0.5 Susceptible  
## 217 >128 Resistant 0.5 Susceptible  
## 218 0.5 Susceptible 1 Susceptible  
## 219 16 Intermediate 1 Susceptible  
## 220 16 Intermediate 0.5 Susceptible  
## 221 16 Intermediate 0.5 Susceptible  
## 222 16 Intermediate 0.5 Susceptible  
## 223 16 Intermediate 0.5 Susceptible  
## 224 16 Intermediate 0.12 Susceptible  
## 225 16 Intermediate 0.5 Susceptible  
## 226 128 Resistant 1 Susceptible  
## 227 4 Susceptible 0.5 Susceptible  
## 228 16 Intermediate 0.12 Susceptible  
## 229 >128 Resistant 1 Susceptible  
## 230 >128 Resistant 0.12 Susceptible  
## 231 32 Resistant 4 Intermediate  
## 232 2 Susceptible 0.25 Susceptible  
## 233 16 Intermediate 0.25 Susceptible  
## 234 16 Intermediate 1 Susceptible  
## 235 8 Susceptible 0.25 Susceptible  
## 236 >128 Resistant 0.25 Susceptible  
## 237 16 Intermediate 0.5 Susceptible  
## 238 32 Resistant 0.12 Susceptible  
## 239 >128 Resistant 0.5 Susceptible  
## 240 32 Resistant 0.25 Susceptible  
## 241 8 Susceptible 2 Susceptible  
## 242 4 Susceptible 1 Susceptible  
## 243 64 Resistant 1 Susceptible  
## 244 8 Susceptible 0.25 Susceptible  
## 245 64 Resistant 0.12 Susceptible  
## 246 >128 Resistant 1 Susceptible  
## 247 >128 Resistant 0.5 Susceptible  
## 248 16 Intermediate 0.25 Susceptible  
## 249 1 Susceptible 4 Intermediate  
## 250 2 Susceptible 4 Intermediate  
## 251 32 Resistant 0.5 Susceptible  
## 252 2 Susceptible 0.25 Susceptible  
## 253 16 Intermediate 0.5 Susceptible  
## 254 16 Intermediate 0.5 Susceptible  
## 255 16 Intermediate 0.5 Susceptible  
## 256 16 Intermediate 1 Susceptible  
## 257 >128 Resistant 1 Susceptible  
## 258 0.5 Susceptible 0.12 Susceptible  
## 259 16 Intermediate 0.5 Susceptible  
## 260 0.5 Susceptible 4 Intermediate  
## 261 >128 Resistant 1 Susceptible  
## 262 16 Intermediate 0.5 Susceptible  
## 263 0.5 Susceptible 4 Intermediate  
## 264 64 Resistant 2 Susceptible  
## 265 16 Intermediate 1 Susceptible  
## 266 16 Intermediate 0.25 Susceptible  
## 267 16 Intermediate 0.5 Susceptible  
## 268 16 Intermediate 1 Susceptible  
## 269 >128 Resistant 1 Susceptible  
## 270 64 Resistant 1 Susceptible  
## 271 16 Intermediate 0.25 Susceptible  
## 272 >128 Resistant 2 Susceptible  
## 273 16 Intermediate 0.25 Susceptible  
## 274 16 Intermediate 0.5 Susceptible  
## 275 >128 Resistant 1 Susceptible  
## 276 16 Intermediate 0.5 Susceptible  
## 277 16 Intermediate 1 Susceptible  
## 278 32 Resistant 1 Susceptible  
## 279 16 Intermediate 1 Susceptible  
## 280 0.5 Susceptible 0.25 Susceptible  
## 281 16 Intermediate 1 Susceptible  
## 282 16 Intermediate 0.5 Susceptible  
## 283 8 Susceptible 0.5 Susceptible  
## 284 >128 Resistant 0.5 Susceptible  
## 285 16 Intermediate 1 Susceptible  
## 286 16 Intermediate 0.5 Susceptible  
## 287 16 Intermediate 2 Susceptible  
## 288 >128 Resistant 0.12 Susceptible  
## 289 64 Resistant 0.25 Susceptible  
## 290 >128 Resistant 2 Susceptible  
## 291 16 Intermediate 0.5 Susceptible  
## 292 32 Resistant 0.5 Susceptible  
## 293 16 Intermediate 0.12 Susceptible  
## 294 >128 Resistant 0.5 Susceptible  
## 295 8 Susceptible 1 Susceptible  
## 296 8 Susceptible 1 Susceptible  
## 297 16 Intermediate 0.5 Susceptible  
## 298 4 Susceptible 0.25 Susceptible  
## 299 16 Intermediate 0.5 Susceptible  
## 300 16 Intermediate 0.25 Susceptible  
## 301 4 Susceptible 0.5 Susceptible  
## 302 8 Susceptible 0.5 Susceptible  
## 303 8 Susceptible 0.5 Susceptible  
## 304 >128 Resistant >8   
## 305 Susceptible >128 Resistant 0.25 Susceptible  
## 306 32 Resistant 0.5 Susceptible  
## 307 32 Resistant 0.25 Susceptible  
## 308 8 Susceptible 1 Susceptible  
## 309 2 Susceptible 0.12 Susceptible  
## 310 64 Resistant 0.12 Susceptible  
## 311 32 Resistant 0.5 Susceptible  
## 312 >128 Resistant 0.5 Susceptible  
## 313 8 Susceptible 0.5 Susceptible  
## 314 >128 Resistant 0.5 Susceptible  
## 315 16 Intermediate 0.5 Susceptible  
## 316 >128 Resistant 0.5 Susceptible  
## 317 64 Resistant 0.5 Susceptible  
## 318 4 Susceptible 0.5 Susceptible  
## 319 >128 Resistant 1 Susceptible  
## 320 >128 Resistant 0.25 Susceptible  
## 321 >128 Resistant 1 Susceptible  
## 322 16 Intermediate 0.5 Susceptible  
## 323 >128 Resistant 0.5 Susceptible  
## 324 64 Resistant 0.5 Susceptible  
## 325 4 Susceptible 0.12 Susceptible  
## 326 8 Susceptible 0.5 Susceptible  
## 327 4 Susceptible 0.12 Susceptible  
## 328 16 Intermediate 0.25 Susceptible  
## 329 4 Susceptible 0.25 Susceptible  
## 330 32 Resistant 0.5 Susceptible  
## 331 4 Susceptible 0.12 Susceptible  
## 332 32 Resistant 0.25 Susceptible  
## 333 32 Resistant 4 Intermediate  
## 334 8 Susceptible 0.5 Susceptible  
## 335 >128 Resistant 0.5 Susceptible  
## 336 4 Susceptible 0.5 Susceptible  
## 337 4 Susceptible 0.5 Susceptible  
## 338 16 Intermediate 0.5 Susceptible  
## 339 4 Susceptible 0.5 Susceptible  
## 340 >128 Resistant 0.5 Susceptible  
## 341 16 Intermediate 0.5 Susceptible  
## 342 8 Susceptible 0.5 Susceptible  
## 343 2 Susceptible 0.12 Susceptible  
## 344 >128 Resistant 0.25 Susceptible  
## 345 16 Intermediate 0.12 Susceptible  
## 346 32 Resistant 0.5 Susceptible  
## 347 8 Susceptible 0.25 Susceptible  
## 348 >128 Resistant 0.25 Susceptible  
## 349 32 Resistant 0.5 Susceptible  
## 350 16 Intermediate 0.5 Susceptible  
## 351 4 Susceptible 0.5 Susceptible  
## 352 4 Susceptible 0.5 Susceptible  
## 353 >128 Resistant 0.5 Susceptible  
## 354 8 Susceptible 0.25 Susceptible  
## 355 16 Intermediate 0.5 Susceptible  
## 356 8 Susceptible 0.5 Susceptible  
## 357 8 Susceptible 0.25 Susceptible  
## 358 8 Susceptible 1 Susceptible  
## 359 >128 Resistant 0.5 Susceptible  
## 360 16 Intermediate 0.25 Susceptible  
## 361 4 Susceptible 0.25 Susceptible  
## 362 8 Susceptible 0.25 Susceptible  
## 363 >128 Resistant 0.25 Susceptible  
## 364 4 Susceptible 0.25 Susceptible  
## 365 4 Susceptible 0.25 Susceptible  
## 366 8 Susceptible 0.25 Susceptible  
## 367 4 Susceptible 0.25 Susceptible  
## 368 4 Susceptible 0.5 Susceptible  
## 369 4 Susceptible 0.5 Susceptible  
## 370 32 Resistant 0.5 Susceptible  
## 371 4 Susceptible 0.25 Susceptible  
## 372 4 Susceptible 0.25 Susceptible  
## 373 4 Susceptible 0.25 Susceptible  
## 374 4 Susceptible 0.25 Susceptible  
## 375 64 Resistant 0.25 Susceptible  
## 376 8 Susceptible 0.25 Susceptible  
## 377 32 Resistant 0.25 Susceptible  
## 378 32 Resistant 0.5 Susceptible  
## 379 16 Intermediate 0.12 Susceptible  
## 380 2 Susceptible 0.12 Susceptible  
## 381 8 Susceptible 0.12 Susceptible  
## 382 4 Susceptible 0.12 Susceptible  
## 383 2 Susceptible 0.12 Susceptible  
## 384 4 Susceptible 0.12 Susceptible  
## 385 4 Susceptible 0.12 Susceptible  
## 386 2 Susceptible 0.12 Susceptible  
## 387 0.5 Susceptible 0.12 Susceptible  
## 388 2 Susceptible 0.25 Susceptible  
## 389 >128 Resistant 0.25 Susceptible  
## 390 >128 Resistant 0.25 Susceptible  
## 391 32 Resistant 0.25 Susceptible  
## 392 >128 Resistant 0.5 Susceptible  
## 393 8 Susceptible 1 Susceptible  
## 394 64 Resistant 1 Susceptible  
## 395 >128 Resistant 0.25 Susceptible  
## 396 >128 Resistant 0.25 Susceptible  
## 397 16 Intermediate 0.5 Susceptible  
## 398 >128 Resistant 0.25 Susceptible  
## 399 16 Intermediate 0.25 Susceptible  
## 400 >128 Resistant 0.25 Susceptible  
## 401 8 Susceptible 0.25 Susceptible  
## 402 4 Susceptible 0.25 Susceptible  
## 403 32 Resistant 0.5 Susceptible  
## 404 >128 Resistant 0.25 Susceptible  
## 405 128 Resistant 0.12 Susceptible  
## 406 128 Resistant 0.12 Susceptible  
## 407 >128 Resistant 0.25 Susceptible  
## 408 >128 Resistant 0.25 Susceptible  
## 409 128 Resistant 2 Susceptible  
## 410 4 Susceptible 0.12 Susceptible  
## 411 4 Susceptible 0.25 Susceptible  
## 412 >128 Resistant 1 Susceptible  
## 413 <=0.25 Susceptible 2 Susceptible  
## 414 0.5 Susceptible 2 Susceptible  
## 415 4 Susceptible 0.12 Susceptible  
## 416 >128 Resistant 0.5 Susceptible  
## 417 64 Resistant 0.5 Susceptible  
## 418 32 Resistant 0.12 Susceptible  
## 419 2 Susceptible 0.06 Susceptible  
## 420 8 Susceptible 0.25 Susceptible  
## 421 4 Susceptible 4 Intermediate  
## 422 2 Susceptible 0.25 Susceptible  
## 423 8 Susceptible 0.12 Susceptible  
## 424 16 Intermediate 0.25 Susceptible  
## 425 8 Susceptible 0.25 Susceptible  
## 426 64 Resistant 0.5 Susceptible  
## 427 32 Resistant 0.5 Susceptible  
## 428 >128 Resistant 1 Susceptible  
## 429 4 Susceptible 0.5 Susceptible  
## 430 4 Susceptible 0.25 Susceptible  
## 431 64 Resistant 0.25 Susceptible  
## 432 16 Intermediate 0.5 Susceptible  
## 433 32 Resistant 0.5 Susceptible  
## 434 >128 Resistant 0.5 Susceptible  
## 435 >128 Resistant >8 Resistant  
## 436 2 Susceptible 0.12 Susceptible  
## 437 16 Intermediate 0.5 Susceptible  
## 438 2 Susceptible 0.5 Susceptible  
## 439 4 Susceptible 0.5 Susceptible  
## 440 32 Resistant 4 Intermediate  
## 441 2 Susceptible 0.25 Susceptible  
## 442 4 Susceptible 0.12 Susceptible  
## 443 128 Resistant 1 Susceptible  
## 444 >128 Resistant 1 Susceptible  
## 445 1 Susceptible 0.25 Susceptible  
## 446 2 Susceptible 0.12 Susceptible  
## 447 32 Resistant 0.06 Susceptible  
## 448 8 Susceptible 0.25 Susceptible  
## 449 2 Susceptible 0.06 Susceptible  
## 450 16 Intermediate 1 Susceptible  
## 451 4 Susceptible 0.25 Susceptible  
## 452 2 Susceptible 0.25 Susceptible  
## 453 >128 Resistant 1 Susceptible  
## 454 2 Susceptible 0.25 Susceptible  
## 455 8 Susceptible 0.25 Susceptible  
## 456 >128 Resistant 0.5 Susceptible  
## 457 8 Susceptible 0.5 Susceptible  
## 458 32 Resistant 1 Susceptible  
## 459 8 Susceptible 0.25 Susceptible  
## 460 16 Intermediate 0.25 Susceptible  
## 461 8 Susceptible 0.5 Susceptible  
## 462 2 Susceptible 0.5 Susceptible  
## 463 8 Susceptible 0.25 Susceptible  
## 464 >128 Resistant 0.25 Susceptible  
## 465 32 Resistant 0.5 Susceptible  
## 466 32 Resistant 1 Susceptible  
## 467 4 Susceptible 0.5 Susceptible  
## 468 >128 Resistant 0.5 Susceptible  
## 469 >128 Resistant 0.25 Susceptible  
## 470 8 Susceptible 0.12 Susceptible  
## 471 >128 Resistant 2 Susceptible  
## 472 16 Intermediate 0.25 Susceptible  
## 473 4 Susceptible 0.25 Susceptible  
## 474 >128 Resistant 0.5 Susceptible  
## 475 32 Resistant 0.5 Susceptible  
## 476 2 Susceptible 0.25 Susceptible  
## 477 2 Susceptible 0.25 Susceptible  
## 478 2 Susceptible 0.25 Susceptible  
## 479 >128 Resistant 0.25 Susceptible  
## 480 2 Susceptible 1 Susceptible  
## 481 4 Susceptible 0.25 Susceptible  
## 482 16 Intermediate 1 Susceptible  
## 483 1 Susceptible 0.12 Susceptible  
## 484 2 Susceptible 0.5 Susceptible  
## 485 >128 Resistant 0.5 Susceptible  
## 486 16 Intermediate 0.25 Susceptible  
## 487 2 Susceptible 0.25 Susceptible  
## 488 16 Intermediate 0.5 Susceptible  
## 489 >128 Resistant 1 Susceptible  
## 490 2 Susceptible 0.12 Susceptible  
## 491 4 Susceptible 0.12 Susceptible  
## 492 16 Intermediate 0.12 Susceptible  
## 493 >128 Resistant 1 Susceptible  
## 494 >128 Resistant 0.5 Susceptible  
## 495 >128 Resistant >8 Resistant  
## 496 128 Resistant 0.5 Susceptible  
## 497 >128 Resistant 2 Susceptible  
## 498 8 Susceptible 1 Susceptible  
## 499 2 Susceptible 0.25 Susceptible  
## 500 8 Susceptible 2 Susceptible  
## 501 >128 Resistant 0.5 Susceptible  
## 502 8 Susceptible 1 Susceptible  
## 503 128 Resistant 0.25 Susceptible  
## 504 >128 Resistant 2 Susceptible  
## 505 4 Susceptible 0.12 Susceptible  
## 506 >128 Resistant 2 Susceptible  
## 507 >128 Resistant 2 Susceptible  
## 508 2 Susceptible 0.25 Susceptible  
## 509 8 Susceptible 0.5 Susceptible  
## 510 16 Intermediate 0.5 Susceptible  
## 511 16 Intermediate 1 Susceptible  
## 512 8 Susceptible 0.12 Susceptible  
## 513 8 Susceptible 0.5 Susceptible  
## 514 1 Susceptible 0.25 Susceptible  
## 515 >128 Resistant 0.5 Susceptible  
## 516 16 Intermediate 0.12 Susceptible  
## 517 >128 Resistant 0.5 Susceptible  
## 518 16 Intermediate 0.5 Susceptible  
## 519 64 Resistant 0.5 Susceptible  
## 520 32 Resistant 0.5 Susceptible  
## 521 >128 Resistant 1 Susceptible  
## 522 >128 Resistant 0.5 Susceptible  
## 523 >128 Resistant 0.5 Susceptible  
## 524 >128 Resistant 0.25 Susceptible  
## 525 Resistant 2 Susceptible 0.5 Susceptible  
## 526 Resistant 1 Susceptible 0.25 Susceptible  
## 527 Resistant 8 Susceptible 0.25 Susceptible  
## 528 >128 Resistant 0.25 Susceptible  
## 529 >128 Resistant 0.5 Susceptible  
## 530 8 Susceptible 0.25 Susceptible  
## 531 2 Susceptible 0.25 Susceptible  
## 532 32 Resistant 1 Susceptible  
## 533 16 Intermediate 1 Susceptible  
## 534 64 Resistant 0.5 Susceptible  
## 535 32 Resistant 1 Susceptible  
## 536 16 Intermediate 0.25 Susceptible  
## 537 >128 Resistant 0.25 Susceptible  
## 538 16 Intermediate 1 Susceptible  
## 539 8 Susceptible 0.25 Susceptible  
## 540 >128 Resistant 1 Susceptible  
## 541 16 Intermediate 0.25 Susceptible  
## 542 8 Susceptible 0.5 Susceptible  
## 543 2 Susceptible 0.25 Susceptible  
## 544 128 Resistant 0.5 Susceptible  
## 545 32 Resistant 1 Susceptible  
## 546 >128 Resistant 0.5 Susceptible  
## 547 >128 Resistant 0.5 Susceptible  
## 548 32 Resistant 1 Susceptible  
## 549 8 Susceptible 0.25 Susceptible  
## 550 4 Susceptible 0.25 Susceptible  
## 551 16 Intermediate 1 Susceptible  
## 552 4 Susceptible 0.25 Susceptible  
## 553 >128 Resistant 0.25 Susceptible  
## 554 8 Susceptible 0.25 Susceptible  
## 555 4 Susceptible 0.5 Susceptible  
## 556 >128 Resistant 0.25 Susceptible  
## 557 1 Susceptible 0.12 Susceptible  
## 558 >128 Resistant 0.25 Susceptible  
## 559 1 Susceptible 0.25 Susceptible  
## 560 >128 Resistant 0.25 Susceptible  
## 561 >128 Resistant 1 Susceptible  
## 562 Intermediate 16 Intermediate 2 Susceptible  
## 563 8 Susceptible 0.06 Susceptible  
## 564 4 Susceptible 0.12 Susceptible  
## 565 2 Susceptible 0.12 Susceptible  
## 566 1 Susceptible 0.12 Susceptible  
## 567 2 Susceptible 0.12 Susceptible  
## 568 8 Susceptible 0.06 Susceptible  
## 569 >64 Resistant 0.5 Susceptible  
## 570 16 Intermediate 0.25 Susceptible  
## 571 16 Intermediate 0.25 Susceptible  
## 572 8 Susceptible 0.5 Susceptible  
## 573 4 Susceptible 0.25 Susceptible  
## 574 4 Susceptible 0.25 Susceptible  
## 575 >64 Resistant 0.25 Susceptible  
## 576 8 Susceptible 0.25 Susceptible  
## 577 64 Resistant 0.25 Susceptible  
## 578 2 Susceptible 0.25 Susceptible  
## 579 >64 Resistant 0.25 Susceptible  
## 580 1 Susceptible 0.06 Susceptible  
## 581 8 Susceptible 0.25 Susceptible  
## 582 4 Susceptible 0.25 Susceptible  
## 583 2 Susceptible 0.5 Susceptible  
## 584 16 Intermediate 0.5 Susceptible  
## 585 2 Susceptible 0.5 Susceptible  
## 586 32 Resistant 1 Susceptible  
## 587 4 Susceptible 0.5 Susceptible  
## 588 16 Intermediate 0.5 Susceptible  
## 589 >64 Resistant 1 Susceptible  
## 590 4 Susceptible 1 Susceptible  
## 591 16 Intermediate 1 Susceptible  
## 592 8 Susceptible 0.25 Susceptible  
## 593 8 Susceptible 1 Susceptible  
## 594 32 Resistant 1 Susceptible  
## 595 2 Susceptible 1 Susceptible  
## 596 >64 Resistant 1 Susceptible  
## 597 32 Resistant 1 Susceptible  
## 598 >64 Resistant 1 Susceptible  
## 599 2 Susceptible 0.5 Susceptible  
## 600 4 Susceptible 0.5 Susceptible  
## 601 8 Susceptible 0.5 Susceptible  
## 602 >64 Resistant 1 Susceptible  
## 603 4 Susceptible 0.5 Susceptible  
## 604 64 Resistant 0.5 Susceptible  
## 605 >64 Resistant 2 Susceptible  
## 606 16 Intermediate 0.5 Susceptible  
## 607 16 Intermediate 0.5 Susceptible  
## 608 4 Susceptible 0.25 Susceptible  
## 609 >64 Resistant 0.5 Susceptible  
## 610 8 Susceptible 0.12 Susceptible  
## 611 32 Resistant 0.12 Susceptible  
## 612 4 Susceptible 0.25 Susceptible  
## 613 2 Susceptible 1 Susceptible  
## 614 8 Susceptible 0.25 Susceptible  
## 615 >64 Resistant 0.12 Susceptible  
## 616 8 Susceptible 0.25 Susceptible  
## 617 >64 Resistant 0.5 Susceptible  
## 618 8 Susceptible 1 Susceptible  
## 619 >64 Resistant 0.25 Susceptible  
## 620 16 Intermediate 1 Susceptible  
## 621 >64 Resistant 0.12 Susceptible  
## 622 16 Intermediate 0.12 Susceptible  
## 623 4 Susceptible 0.25 Susceptible  
## 624 8 Susceptible 0.25 Susceptible  
## 625 32 Resistant 0.12 Susceptible  
## 626 4 Susceptible 1 Susceptible  
## 627 16 Intermediate 1 Susceptible  
## 628 8 Susceptible 0.25 Susceptible  
## 629 4 Susceptible 1 Susceptible  
## 630 >64 Resistant 0.12 Susceptible  
## 631 >64 Resistant 1 Susceptible  
## 632 2 Susceptible 0.12 Susceptible  
## 633 >64 Resistant 0.5 Susceptible  
## 634 >64 Resistant 0.5 Susceptible  
## 635 16 Intermediate 0.5 Susceptible  
## 636 2 Susceptible 0.12 Susceptible  
## 637 2 Susceptible 0.5 Susceptible  
## 638 >64 Resistant 1 Susceptible  
## 639 16 Intermediate 0.25 Susceptible  
## 640 >64 Resistant 2 Susceptible  
## 641 2 Susceptible 0.5 Susceptible  
## 642 2 Susceptible 0.12 Susceptible  
## 643 >64 Resistant 1 Susceptible  
## 644 64 Resistant 0.25 Susceptible  
## 645 16 Intermediate 0.5 Susceptible  
## 646 >64 Resistant 0.25 Susceptible  
## 647 32 Resistant 0.5 Susceptible  
## 648 >64 Resistant 1 Susceptible  
## 649 >64 Resistant 0.06 Susceptible  
## 650 >64 Resistant 0.12 Susceptible  
## 651 >64 Resistant 0.25 Susceptible  
## 652 4 Susceptible 0.25 Susceptible  
## 653 2 Susceptible 0.5 Susceptible  
## 654 2 Susceptible 0.25 Susceptible  
## 655 >64 Resistant 0.25 Susceptible  
## 656 2 Susceptible 0.5 Susceptible  
## 657 1 Susceptible 0.25 Susceptible  
## 658 >64 Resistant 0.25 Susceptible  
## 659 64 Resistant 1 Susceptible  
## 660 4 Susceptible 0.5 Susceptible  
## 661 8 Susceptible 0.5 Susceptible  
## 662 16 Intermediate 0.5 Susceptible  
## 663 >64 Resistant 0.25 Susceptible  
## 664 8 Susceptible 0.5 Susceptible  
## 665 >64 Resistant 0.25 Susceptible  
## 666 >64 Resistant 0.12 Susceptible  
## 667 32 Resistant 1 Susceptible  
## 668 4 Susceptible 0.25 Susceptible  
## 669 16 Intermediate 1 Susceptible  
## 670 2 Susceptible 0.12 Susceptible  
## 671 32 Resistant 0.5 Susceptible  
## 672 1 Susceptible 0.12 Susceptible  
## 673 4 Susceptible 0.25 Susceptible  
## 674 16 Intermediate 0.12 Susceptible  
## 675 >64 Resistant 0.12 Susceptible  
## 676 >64 Resistant 0.25 Susceptible  
## 677 >64 Resistant 0.12 Susceptible  
## 678 16 Intermediate 1 Susceptible  
## 679 4 Susceptible 0.5 Susceptible  
## 680 8 Susceptible 0.12 Susceptible  
## 681 >64 Resistant 2 Susceptible  
## 682 32 Resistant 1 Susceptible  
## 683 64 Resistant 2 Susceptible  
## 684 1 Susceptible 0.25 Susceptible  
## 685 8 Susceptible 0.06 Susceptible  
## 686 0.5 Susceptible 2 Susceptible  
## 687 4 Susceptible 0.25 Susceptible  
## 688 0.5 Susceptible 2 Susceptible  
## 689 16 Intermediate 0.12 Susceptible  
## 690 4 Susceptible 1 Susceptible  
## 691 16 Intermediate 0.5 Susceptible  
## 692 8 Susceptible 0.12 Susceptible  
## 693 4 Susceptible 0.25 Susceptible  
## 694 >64 Resistant 0.25 Susceptible  
## 695 32 Resistant 0.25 Susceptible  
## 696 2 Susceptible 0.25 Susceptible  
## 697 16 Intermediate 0.5 Susceptible  
## 698 >64 Resistant 1 Susceptible  
## 699 4 Susceptible 0.12 Susceptible  
## 700 64 Resistant 0.5 Susceptible  
## 701 64 Resistant 4 Intermediate  
## 702 8 Susceptible 2 Susceptible  
## 703 32 Resistant 1 Susceptible  
## 704 8 Susceptible 0.5 Susceptible  
## 705 0.5 Susceptible 4 Intermediate  
## 706 1 Susceptible 0.25 Susceptible  
## 707 >64 Resistant 0.25 Susceptible  
## 708 4 Susceptible 0.5 Susceptible  
## 709 4 Susceptible 0.5 Susceptible  
## 710 >64 Resistant 1 Susceptible  
## 711 16 Intermediate 0.25 Susceptible  
## 712 8 Susceptible 0.12 Susceptible  
## 713 >64 Resistant 0.5 Susceptible  
## 714 >64 Resistant 0.5 Susceptible  
## 715 8 Susceptible 0.5 Susceptible  
## 716 >64 Resistant 0.25 Susceptible  
## 717 >64 Resistant 0.5 Susceptible  
## 718 64 Resistant 0.5 Susceptible  
## 719 2 Susceptible 0.5 Susceptible  
## 720 4 Susceptible 0.25 Susceptible  
## 721 32 Resistant 0.12 Susceptible  
## 722 >64 Resistant 0.5 Susceptible  
## 723 16 Intermediate 1 Susceptible  
## 724 16 Intermediate 0.5 Susceptible  
## 725 16 Intermediate 0.25 Susceptible  
## 726 8 Susceptible 0.5 Susceptible  
## 727 >64 Resistant 4 Intermediate  
## 728 >64 Resistant 0.5 Susceptible  
## 729 >64 Resistant 0.5 Susceptible  
## 730 >64 Resistant 4 Intermediate  
## 731 >64 Resistant 1 Susceptible  
## 732 >64 Resistant 4 Intermediate  
## 733 >64 Resistant 0.5 Susceptible  
## 734 >64 Resistant 4 Intermediate  
## 735 >64 Resistant 4 Intermediate  
## 736 >64 Resistant 0.5 Susceptible  
## 737 >64 Resistant 1 Susceptible  
## 738 1 Susceptible 0.12 Susceptible  
## 739 2 Susceptible 0.06 Susceptible  
## 740 2 Susceptible 0.12 Susceptible  
## 741 4 Susceptible 0.12 Susceptible  
## 742 4 Susceptible 0.12 Susceptible  
## 743 4 Susceptible 0.12 Susceptible  
## 744 4 Susceptible 0.12 Susceptible  
## 745 1 Susceptible 0.25 Susceptible  
## 746 8 Susceptible 0.12 Susceptible  
## 747 >64 Resistant 1 Susceptible  
## 748 32 Resistant 2 Susceptible  
## 749 4 Susceptible 0.25 Susceptible  
## 750 8 Susceptible 0.25 Susceptible  
## 751 4 Susceptible 0.25 Susceptible  
## 752 8 Susceptible 0.25 Susceptible  
## 753 16 Intermediate 0.25 Susceptible  
## 754 16 Intermediate 0.12 Susceptible  
## 755 4 Susceptible 0.25 Susceptible  
## 756 32 Resistant 0.25 Susceptible  
## 757 16 Intermediate 0.12 Susceptible  
## 758 16 Intermediate 0.5 Susceptible  
## 759 >64 Resistant 0.5 Susceptible  
## 760 16 Intermediate 0.5 Susceptible  
## 761 32 Resistant 4 Intermediate  
## 762 64 Resistant 4 Intermediate  
## 763 >64 Resistant 0.25 Susceptible  
## 764 2 Susceptible 0.25 Susceptible  
## 765 16 Intermediate 1 Susceptible  
## 766 32 Resistant 0.5 Susceptible  
## 767 16 Intermediate 0.5 Susceptible  
## 768 4 Susceptible 0.12 Susceptible  
## 769 >64 Resistant 0.25 Susceptible  
## 770 >64 Resistant 0.5 Susceptible  
## 771 4 Susceptible 0.12 Susceptible  
## 772 >64 Resistant 0.12 Susceptible  
## 773 64 Resistant 1 Susceptible  
## 774 >64 Resistant 1 Susceptible  
## 775 8 Susceptible 0.5 Susceptible  
## 776 8 Susceptible 1 Susceptible  
## 777 16 Intermediate 1 Susceptible  
## 778 8 Susceptible 0.5 Susceptible  
## 779 8 Susceptible 0.5 Susceptible  
## 780 16 Intermediate 1 Susceptible  
## 781 8 Susceptible 0.5 Susceptible  
## 782 8 Susceptible 1 Susceptible  
## 783 2 Susceptible 0.12 Susceptible  
## 784 8 Susceptible 0.5 Susceptible  
## 785 8 Susceptible 1 Susceptible  
## 786 8 Susceptible 0.5 Susceptible  
## 787 8 Susceptible 0.25 Susceptible  
## 788 16 Intermediate 1 Susceptible  
## 789 16 Intermediate 1 Susceptible  
## 790 >64 Resistant 1 Susceptible  
## 791 >64 Resistant 1 Susceptible  
## 792 16 Intermediate 0.5 Susceptible  
## 793 8 Susceptible 0.5 Susceptible  
## 794 64 Resistant >8   
## 795 >64 Resistant 2 Susceptible  
## 796 32 Intermediate 4   
## 797 32 Intermediate >8   
## 798 64 Resistant >8   
## 799 32 Intermediate 8   
## 800 32 Intermediate 4   
## 801 32 Intermediate 4   
## 802 32 Intermediate >8   
## 803 >64 Resistant 0.5 Susceptible  
## 804 >64 Resistant 0.25 Susceptible  
## 805 32 Resistant 0.5 Susceptible  
## 806 >64 Resistant 0.25 Susceptible  
## 807 >64 Resistant 0.25 Susceptible  
## 808 8 Susceptible 0.25 Susceptible  
## 809 16 Intermediate 0.5 Susceptible  
## 810 4 Susceptible 0.12 Susceptible  
## 811 16 Intermediate 0.5 Susceptible  
## 812 2 Susceptible 0.5 Susceptible  
## 813 32 Resistant 0.5 Susceptible  
## 814 16 Intermediate 0.5 Susceptible  
## 815 2 Susceptible 0.5 Susceptible  
## 816 4 Susceptible 0.5 Susceptible  
## 817 16 Intermediate 0.25 Susceptible  
## 818 8 Susceptible 0.5 Susceptible  
## 819 8 Susceptible 0.25 Susceptible  
## 820 64 Resistant 0.5 Susceptible  
## 821 4 Susceptible 0.25 Susceptible  
## 822 4 Susceptible 0.12 Susceptible  
## 823 2 Susceptible 0.06 Susceptible  
## 824 >64 Resistant 1 Susceptible  
## 825 >64 Resistant 0.5 Susceptible  
## 826 64 Resistant 2 Susceptible  
## 827 >64 Resistant 0.5 Susceptible  
## 828 >64 Resistant 0.5000 Susceptible  
## 829 4.0000 Susceptible 0.2500 Susceptible  
## 830 4.0000 Susceptible 0.2500 Susceptible  
## 831 2.0000 Susceptible 0.1200 Susceptible  
## 832 8.0000 Susceptible 0.2500 Susceptible  
## 833 4.0000 Susceptible 0.1200 Susceptible  
## 834 2.0000 Susceptible 0.1200 Susceptible  
## 835 4.0000 Susceptible 0.2500 Susceptible  
## 836 8.0000 Susceptible 0.2500 Susceptible  
## 837 8.0000 Susceptible 0.2500 Susceptible  
## 838 >64 Resistant 0.2500 Susceptible  
## 839 2.0000 Susceptible 0.0600 Susceptible  
## 840 2.0000 Susceptible 0.2500 Susceptible  
## 841 2.0000 Susceptible 0.1200 Susceptible  
## 842 2.0000 Susceptible 0.1200 Susceptible  
## 843 4.0000 Susceptible 0.1200 Susceptible  
## 844 4.0000 Susceptible 0.1200 Susceptible  
## 845 >64 Resistant 0.2500 Susceptible  
## 846 4.0000 Susceptible 0.1200 Susceptible  
## 847 2.0000 Susceptible 0.1200 Susceptible  
## 848 8.0000 Susceptible 0.1200 Susceptible  
## 849 8.0000 Susceptible 0.2500 Susceptible  
## 850 16.0000 Intermediate 0.5000 Susceptible  
## 851 4.0000 Susceptible 0.2500 Susceptible  
## 852 16.0000 Intermediate 1.0000 Susceptible  
## 853 16.0000 Intermediate 0.2500 Susceptible  
## 854 32.0000 Resistant 1.0000 Susceptible  
## 855 >64 Resistant 0.1200 Susceptible  
## 856 >64 Resistant 1.0000 Susceptible  
## 857 8.0000 Susceptible 0.5000 Susceptible  
## 858 4.0000 Susceptible 0.1200 Susceptible  
## 859 16.0000 Intermediate 1.0000 Susceptible  
## 860 8.0000 Susceptible 0.5000 Susceptible  
## 861 16.0000 Intermediate 1.0000 Susceptible  
## 862 16.0000 Intermediate 1.0000 Susceptible  
## 863 16.0000 Intermediate 0.2500 Susceptible  
## 864 8.0000 Susceptible 0.2500 Susceptible  
## 865 32.0000 Resistant 0.5000 Susceptible  
## 866 4.0000 Susceptible 0.1200 Susceptible  
## 867 >64 Resistant 0.2500 Susceptible  
## 868 32.0000 Resistant 2.0000 Susceptible  
## 869 8.0000 Susceptible 0.5000 Susceptible  
## 870 16.0000 Intermediate 0.1200 Susceptible  
## 871 32.0000 Resistant 0.2500 Susceptible  
## 872 4.0000 Susceptible 0.1200 Susceptible  
## 873 4.0000 Susceptible 0.1200 Susceptible  
## 874 8.0000 Susceptible 0.2500 Susceptible  
## 875 >64 Resistant 1.0000 Susceptible  
## 876 16.0000 Intermediate 1.0000 Susceptible  
## 877 16.0000 Intermediate 1.0000 Susceptible  
## 878 >64 Resistant 0.1200 Susceptible  
## 879 >64 Resistant 1.0000 Susceptible  
## 880 >64 Resistant 2.0000 Susceptible  
## 881 16.0000 Intermediate 0.5000 Susceptible  
## 882 16.0000 Intermediate 0.5000 Susceptible  
## 883 32.0000 Resistant 0.2500 Susceptible  
## 884 32.0000 Resistant 1.0000 Susceptible  
## 885 4.0000 Susceptible 0.1200 Susceptible  
## 886 4.0000 Susceptible 4.0000 Intermediate  
## 887 4.0000 Susceptible 1.0000 Susceptible  
## 888 16.0000 Intermediate 0.5000 Susceptible  
## 889 2.0000 Susceptible 0.2500 Susceptible  
## 890 >64 Resistant 1.0000 Susceptible  
## 891 16.0000 Intermediate 2.0000 Susceptible  
## 892 64.0000 Resistant 1.0000 Susceptible  
## 893 4.0000 Susceptible 0.2500 Susceptible  
## 894 >64 Resistant 0.1200 Susceptible  
## 895 32.0000 Resistant 0.2500 Susceptible  
## 896 2.0000 Susceptible 0.2500 Susceptible  
## 897 >64 Resistant 1.0000 Susceptible  
## 898 >64 Resistant 1.0000 Susceptible  
## 899 16.0000 Intermediate 0.5000 Susceptible  
## 900 >64 Resistant 0.2500 Susceptible  
## 901 >64 Resistant 8.0000 Resistant  
## 902 >64 Resistant 0.5000 Susceptible  
## 903 >64 Resistant 2.0000 Susceptible  
## 904 8.0000 Susceptible 0.5000 Susceptible  
## 905 >64 Resistant 0.2500 Susceptible  
## 906 >64 Resistant 1.0000 Susceptible  
## 907 4.0000 Susceptible 0.2500 Susceptible  
## 908 8.0000 Susceptible 0.1200 Susceptible  
## 909 >64 Resistant 2.0000 Susceptible  
## 910 >64 Resistant 4.0000 Intermediate  
## 911 >64 Resistant 2.0000 Susceptible  
## 912 >64 Resistant 0.5000 Susceptible  
## 913 16.0000 Intermediate 0.2500 Susceptible  
## 914 1.0000 Susceptible 0.1200 Susceptible  
## 915 >64 Resistant 0.5000 Susceptible  
## 916 4.0000 Susceptible 1.0000 Susceptible  
## 917 >64 Resistant 2.0000 Susceptible  
## 918 >64 Resistant 2.0000 Susceptible  
## 919 4.0000 Susceptible 0.2500 Susceptible  
## 920 8.0000 Susceptible 0.5000 Susceptible  
## 921 >64 Resistant 0.5000 Susceptible  
## 922 >64 Resistant 0.1200 Susceptible  
## 923 2.0000 Susceptible 0.5000 Susceptible  
## 924 4.0000 Susceptible 0.5000 Susceptible  
## 925 4.0000 Susceptible 0.2500 Susceptible  
## 926 16.0000 Intermediate 0.5000 Susceptible  
## 927 >64 Resistant 0.5000 Susceptible  
## 928 >64 Resistant 0.5000 Susceptible  
## 929 32.0000 Resistant 0.2500 Susceptible  
## 930 4.0000 Susceptible 0.2500 Susceptible  
## 931 1.0000 Susceptible 0.5000 Susceptible  
## 932 16.0000 Intermediate 0.2500 Susceptible  
## 933 >64 Resistant 0.5000 Susceptible  
## 934 8.0000 Susceptible 0.2500 Susceptible  
## 935 >64 Resistant 1.0000 Susceptible  
## 936 >64 Resistant 0.5000 Susceptible  
## 937 32.0000 Resistant 0.2500 Susceptible  
## 938 >64 Resistant 0.5000 Susceptible  
## 939 8.0000 Susceptible 0.5000 Susceptible  
## 940 8.0000 Susceptible 0.5000 Susceptible  
## 941 >64 Resistant 1.0000 Susceptible  
## 942 16.0000 Intermediate 0.1200 Susceptible  
## 943 64.0000 Resistant 0.2500 Susceptible  
## 944 >64 Resistant 0.2500 Susceptible  
## 945 8.0000 Susceptible 0.2500 Susceptible  
## 946 16.0000 Intermediate 0.2500 Susceptible  
## 947 >64 Resistant 8.0000   
## 948 8.0000 Susceptible 0.5000 Susceptible  
## 949 32.0000 Resistant 1.0000 Susceptible  
## 950 4.0000 Susceptible 0.2500 Susceptible  
## 951 2.0000 Susceptible 0.5000 Susceptible  
## 952 4.0000 Susceptible 0.5000 Susceptible  
## 953 8.0000 Susceptible 0.2500 Susceptible  
## 954 8.0000 Susceptible 1.0000 Susceptible  
## 955 2.0000 Susceptible 0.1200 Susceptible  
## 956 4.0000 Susceptible 0.2500 Susceptible  
## 957 4.0000 Susceptible 0.2500 Susceptible  
## 958 >64 Resistant 1.0000 Susceptible  
## 959 8.0000 Susceptible 0.2500 Susceptible  
## 960 >64 Resistant 0.5000 Susceptible  
## 961 4.0000 Susceptible 0.1200 Susceptible  
## 962 16.0000 Intermediate 0.2500 Susceptible  
## 963 2.0000 Susceptible 0.1200 Susceptible  
## 964 2.0000 Susceptible 0.1200 Susceptible  
## 965 >64 Resistant 0.2500 Susceptible  
## 966 32.0000 Resistant 0.2500 Susceptible  
## 967 >64 Resistant 0.2500 Susceptible  
## 968 >64 Resistant 0.2500 Susceptible  
## 969 16.0000 Intermediate 0.2500 Susceptible  
## 970 >64 Resistant 1.0000 Susceptible  
## 971 >64 Resistant 0.5000 Susceptible  
## 972 >64 Resistant 2.0000 Susceptible  
## 973 >64 Resistant 0.5000 Susceptible  
## 974 8.0000 Susceptible 0.2500 Susceptible  
## 975 >64 Resistant 1.0000 Susceptible  
## 976 8.0000 Susceptible 0.2500 Susceptible  
## 977 >64 Resistant 0.5000 Susceptible  
## 978 16.0000 Intermediate 0.1200 Susceptible  
## 979 >64 Resistant 0.5000 Susceptible  
## 980 16.0000 Intermediate 0.5000 Susceptible  
## 981 4.0000 Susceptible 0.2500 Susceptible  
## 982 8.0000 Susceptible 0.2500 Susceptible  
## 983 8.0000 Susceptible 0.2500 Susceptible  
## 984 16.0000 Intermediate 0.5000 Susceptible  
## 985 4.0000 Susceptible 0.1200 Susceptible  
## 986 16.0000 Intermediate 0.1200 Susceptible  
## 987 8.0000 Susceptible 0.1200 Susceptible  
## 988 32.0000 Resistant 1.0000 Susceptible  
## 989 8.0000 Susceptible 0.2500 Susceptible  
## 990 32.0000 Resistant 0.2500 Susceptible  
## 991 32.0000 Resistant 0.5000 Susceptible  
## 992 >64 Resistant 0.1200 Susceptible  
## 993 >64 Resistant 0.1200 Susceptible  
## 994 8.0000 Susceptible 0.2500 Susceptible  
## 995 >64 Resistant 0.5000 Susceptible  
## 996 64.0000 Resistant 0.1200 Susceptible  
## 997 2.0000 Susceptible 0.5000 Susceptible  
## 998 1.0000 Susceptible 0.1200 Susceptible  
## 999 >64 Resistant 0.5000 Susceptible  
## 1000 2.0000 Susceptible 0.1200 Susceptible  
## 1001 2.0000 Susceptible 0.1200 Susceptible  
## 1002 >64 Resistant 2.0000 Susceptible  
## 1003 16.0000 Intermediate 0.5000 Susceptible  
## 1004 16.0000 Intermediate 0.2500 Susceptible  
## 1005 16.0000 Intermediate 0.2500 Susceptible  
## 1006 >64 Resistant 0.2500 Susceptible  
## 1007 64.0000 Resistant 0.5000 Susceptible  
## 1008 >64 Resistant 1.0000 Susceptible  
## 1009 >64 Resistant 1.0000 Susceptible  
## 1010 16.0000 Intermediate 0.2500 Susceptible  
## 1011 16.0000 Intermediate 0.2500 Susceptible  
## 1012 8.0000 Susceptible 0.1200 Susceptible  
## 1013 8.0000 Susceptible 0.2500 Susceptible  
## 1014 >64 Resistant 1.0000 Susceptible  
## 1015 8.0000 Susceptible 0.2500 Susceptible  
## 1016 >64 Resistant 0.5000 Susceptible  
## 1017 >64 Resistant 0.2500 Susceptible  
## 1018 4.0000 Susceptible 0.1200 Susceptible  
## 1019 32.0000 Resistant 1.0000 Susceptible  
## 1020 64.0000 Resistant 0.5000 Susceptible  
## 1021 2.0000 Susceptible 0.2500 Susceptible  
## 1022 16.0000 Intermediate 0.5000 Susceptible  
## 1023 >64 Resistant 0.1200 Susceptible  
## 1024 0.2500 Susceptible 1.0000 Susceptible  
## 1025 8.0000 Susceptible 0.5000 Susceptible  
## 1026 8.0000 Susceptible 0.2500 Susceptible  
## 1027 4.0000 Susceptible 0.2500 Susceptible  
## 1028 >64 Resistant 0.5000 Susceptible  
## 1029 >64 Resistant 0.5000 Susceptible  
## 1030 2.0000 Susceptible 0.2500 Susceptible  
## 1031 >64 Resistant 0.5000 Susceptible  
## 1032 64.0000 Resistant 0.5000 Susceptible  
## 1033 4.0000 Susceptible 0.2500 Susceptible  
## 1034 1.0000 Susceptible 0.1200 Susceptible  
## 1035 4.0000 Susceptible 0.5000 Susceptible  
## 1036 >64 Resistant 0.2500 Susceptible  
## 1037 >64 Resistant 0.5000 Susceptible  
## 1038 8.0000 Susceptible 0.2500 Susceptible  
## 1039 16.0000 Intermediate 0.5000 Susceptible  
## 1040 >64 Resistant 0.5000 Susceptible  
## 1041 >64 Resistant 2.0000 Susceptible  
## 1042 16.0000 Intermediate 0.2500 Susceptible  
## 1043 16.0000 Intermediate 0.2500 Susceptible  
## 1044 16.0000 Intermediate 0.2500 Susceptible  
## 1045 2.0000 Susceptible 0.2500 Susceptible  
## 1046 >64 Resistant 0.5000 Susceptible  
## 1047 16.0000 Intermediate 0.1200 Susceptible  
## 1048 >64 Resistant 1.0000 Susceptible  
## 1049 32.0000 Resistant 1.0000 Susceptible  
## 1050 2.0000 Susceptible 0.2500 Susceptible  
## 1051 8.0000 Susceptible 2.0000 Susceptible  
## 1052 8.0000 Susceptible 1.0000 Susceptible  
## 1053 16.0000 Intermediate 0.2500 Susceptible  
## 1054 16.0000 Intermediate 1.0000 Susceptible  
## 1055 >64 Resistant 0.2500 Susceptible  
## 1056 1.0000 Susceptible 0.1200 Susceptible  
## 1057 16.0000 Intermediate 1.0000 Susceptible  
## 1058 2.0000 Susceptible 0.2500 Susceptible  
## 1059 8.0000 Susceptible 0.2500 Susceptible  
## 1060 16.0000 Intermediate 0.5000 Susceptible  
## 1061 64.0000 Resistant 2.0000 Susceptible  
## 1062 8.0000 Susceptible 0.2500 Susceptible  
## 1063 64.0000 Resistant 0.5000 Susceptible  
## 1064 4.0000 Susceptible 1.0000 Susceptible  
## 1065 >64 Resistant 0.2500 Susceptible  
## 1066 32.0000 Resistant 1.0000 Susceptible  
## 1067 32.0000 Resistant 0.2500 Susceptible  
## 1068 64.0000 Resistant 0.2500 Susceptible  
## 1069 >64 Resistant 2.0000 Susceptible  
## 1070 16.0000 Intermediate 1.0000 Susceptible  
## 1071 >64 Resistant 0.1200 Susceptible  
## 1072 16.0000 Intermediate 0.5000 Susceptible  
## 1073 2.0000 Susceptible 1.0000 Susceptible  
## 1074 >64 Resistant >8   
## 1075 >64 Resistant >8   
## 1076 2.0000 Susceptible 0.5000 Susceptible  
## 1077 64.0000 Resistant >8   
## 1078 16.0000 Intermediate 0.5000 Susceptible  
## 1079 64.0000 Resistant >8   
## 1080 >64 Resistant 0.2500 Susceptible  
## 1081 8.0000 Susceptible 0.2500 Susceptible  
## 1082 2.0000 Susceptible 0.2500 Susceptible  
## 1083 >64 Resistant 0.2500 Susceptible  
## 1084 >64 Resistant 0.5000 Susceptible  
## 1085 >64 Resistant 0.5000 Susceptible  
## 1086 >64 Resistant 0.5000 Susceptible  
## 1087 0.5000 Susceptible 0.1200 Susceptible  
## 1088 1.0000 Susceptible 0.1200 Susceptible  
## 1089 8.0000 Susceptible 0.1200 Susceptible  
## 1090 8.0000 Susceptible 0.1200 Susceptible  
## 1091 8.0000 Susceptible 0.1200 Susceptible  
## 1092 2.0000 Susceptible 0.2500 Susceptible  
## 1093 16.0000 Intermediate 0.2500 Susceptible  
## 1094 8.0000 Susceptible 0.2500 Susceptible  
## 1095 2.0000 Susceptible 0.2500 Susceptible  
## 1096 >64 Resistant 4.0000 Intermediate  
## 1097 >64 Resistant 2.0000 Susceptible  
## 1098 16.0000 Intermediate 1.0000 Susceptible  
## 1099 16.0000 Intermediate 1.0000 Susceptible  
## 1100 >64 Resistant 0.5000 Susceptible  
## 1101 >64 Resistant 0.2500 Susceptible  
## 1102 8.0000 Susceptible 0.1200 Susceptible  
## 1103 8.0000 Susceptible 1.0000 Susceptible  
## 1104 >64 Resistant 0.5000 Susceptible  
## 1105 32.0000 Resistant 1.0000 Susceptible  
## 1106 8.0000 Susceptible 1.0000 Susceptible  
## 1107 8.0000 Susceptible 1.0000 Susceptible  
## 1108 8.0000 Susceptible 0.5000 Susceptible  
## 1109 >64 Resistant 1.0000 Susceptible  
## 1110 64.0000 Resistant 2.0000 Susceptible  
## 1111 16.0000 Intermediate 0.5000 Susceptible  
## 1112 16.0000 Intermediate 0.2500 Susceptible  
## 1113 >64 Resistant 0.5000 Susceptible  
## 1114 16.0000 Intermediate 1.0000 Susceptible  
## 1115 16.0000 Intermediate 1.0000 Susceptible  
## 1116 8.0000 Susceptible 1.0000 Susceptible  
## 1117 >64 Resistant 1.0000 Susceptible  
## 1118 16.0000 Intermediate 1.0000 Susceptible  
## 1119 16.0000 Intermediate 1.0000 Susceptible  
## 1120 >64 Resistant 1.0000 Susceptible  
## 1121 16.0000 Intermediate 1.0000 Susceptible  
## 1122 64.0000 Resistant 4.0000   
## 1123 >64 Resistant 4.0000   
## 1124 >64 Resistant 4.0000   
## 1125 2.0000 Susceptible 0.1200 Susceptible  
## 1126 >64 Resistant 4.0000 Intermediate  
## 1127 2.0000 Susceptible 0.1200 Susceptible  
## 1128 >64 Resistant 0.5000 Susceptible  
## 1129 32.0000 Resistant 0.5000 Susceptible  
## 1130 >64 Resistant 0.1200 Susceptible  
## 1131 >64 Resistant 0.5000 Susceptible  
## 1132 >64 Resistant 8.0000   
## 1133 >64 Resistant 0.1200 Susceptible  
## 1134 8.0000 Susceptible 0.2500 Susceptible  
## 1135 2.0000 Susceptible 0.1200 Susceptible  
## 1136 >64 Resistant 1.0000 Susceptible  
## 1137 64.0000 Resistant 0.5000 Susceptible  
## 1138 8.0000 Susceptible 0.5000 Susceptible  
## 1139 <=0.5 Susceptible 0.1200 Susceptible  
## 1140 32.0000 Resistant 0.5000 Susceptible  
## 1141 64.0000 Resistant 4.0000   
## 1142 64.0000 Resistant 0.5000 Susceptible  
## 1143 8.0000 Susceptible 0.5000 Susceptible  
## 1144 16.0000 Intermediate 0.5000 Susceptible  
## 1145 8.0000 Susceptible 0.2500 Susceptible  
## 1146 2.0000 Susceptible 0.2500 Susceptible  
## 1147 >64 Resistant 0.5000 Susceptible  
## 1148 2.0000 Susceptible 0.5000 Susceptible  
## 1149 16.0000 Intermediate 0.5000 Susceptible  
## Ampicillin.sulbactam Ampicillin.sulbactam\_I Aztreonam Aztreonam\_I Aztreonam.avibactam  
## 1 32 Resistant 0.06  
## 2 64 Resistant 0.06  
## 3 64 Resistant 0.03  
## 4 64 Resistant 0.03  
## 5 64 Resistant 0.06  
## 6 128 Resistant 0.03  
## 7 >128 Resistant 0.03  
## 8 32 Resistant 0.06  
## 9 64 Resistant 0.06  
## 10 32 Resistant 0.03  
## 11 32 Resistant 0.03  
## 12 32 Resistant 0.12  
## 13 128 Resistant 0.06  
## 14 128 Resistant <=0.015  
## 15 32 Resistant 0.12  
## 16 128 Resistant 0.03  
## 17 64 Resistant 0.06  
## 18 128 Resistant 0.06  
## 19 64 Resistant 0.06  
## 20 64 Resistant 0.03  
## 21 32 Resistant 0.06  
## 22 32 Resistant 0.06  
## 23 128 Resistant 0.12  
## 24 32 Resistant 0.06  
## 25 32 Resistant 0.06  
## 26 16 Resistant 0.06  
## 27 <=0.015 Susceptible <=0.015  
## 28 1 Susceptible <=0.015  
## 29 128 Resistant 0.25  
## 30 64 Resistant 0.25  
## 31 64 Resistant 0.5  
## 32 128 Resistant 0.12  
## 33 >128 Resistant 0.12  
## 34 128 Resistant 0.12  
## 35 64 Resistant <=0.015  
## 36 128 Resistant 0.06  
## 37 >128 Resistant 0.25  
## 38 64 Resistant 0.03  
## 39 32 Resistant 0.25  
## 40 64 Resistant 0.03  
## 41 64 Resistant 0.03  
## 42 32 Resistant 0.06  
## 43 128 Resistant 0.12  
## 44 >128 Resistant 0.06  
## 45 32 Resistant 0.03  
## 46 32 Resistant 0.03  
## 47 64 Resistant 0.06  
## 48 >128 Resistant 0.06  
## 49 32 Resistant 0.06  
## 50 16 Resistant 0.03  
## 51 32 Resistant 0.03  
## 52 64 Resistant 0.06  
## 53 32 Resistant 0.06  
## 54 32 Resistant 16  
## 55 64 Resistant 0.06  
## 56 64 Resistant 0.06  
## 57 64 Resistant 0.03  
## 58 64 Resistant 0.06  
## 59 128 Resistant 0.06  
## 60 32 Resistant 0.06  
## 61 16 Resistant 0.25  
## 62 16 Resistant 0.12  
## 63 64 Resistant 0.03  
## 64 64 Resistant 0.06  
## 65 64 Resistant 0.06  
## 66 16 Resistant 0.03  
## 67 128 Resistant 0.12  
## 68 128 Resistant 0.12  
## 69 32 Resistant 0.03  
## 70 64 Resistant 0.06  
## 71 64 Resistant 0.06  
## 72 64 Resistant 0.06  
## 73 64 Resistant 0.06  
## 74 128 Resistant 0.12  
## 75 >128 Resistant 0.12  
## 76 128 Resistant 0.12  
## 77 128 Resistant 0.12  
## 78 128 Resistant 0.25  
## 79 64 Resistant 0.06  
## 80 64 Resistant <=0.015  
## 81 128 Resistant 2  
## 82 16 Resistant 0.25  
## 83 4 Susceptible 0.25  
## 84 128 Resistant 0.25  
## 85 64 Resistant 0.06  
## 86 64 Resistant 0.06  
## 87 64 Resistant 0.03  
## 88 128 Resistant 0.12  
## 89 >128 Resistant 0.06  
## 90 64 Resistant 0.12  
## 91 16 Resistant 0.06  
## 92 >128 Resistant 0.12  
## 93 64 Resistant 0.06  
## 94 64 Resistant 0.06  
## 95 64 Resistant 0.12  
## 96 64 Resistant 0.03  
## 97 8 Intermediate 0.06  
## 98 128 Resistant 0.25  
## 99 >128 Resistant 0.06  
## 100 >128 Resistant 0.12  
## 101 128 Resistant <=0.015  
## 102 16 Resistant <=0.015  
## 103 16 Resistant <=0.015  
## 104 128 Resistant 0.12  
## 105 64 Resistant 0.03  
## 106 16 Resistant <=0.015  
## 107 32 Resistant 0.03  
## 108 128 Resistant 0.12  
## 109 64 Resistant 0.03  
## 110 64 Resistant 0.03  
## 111 64 Resistant 0.06  
## 112 64 Resistant 0.03  
## 113 64 Resistant 0.12  
## 114 2 Susceptible 0.03  
## 115 64 Resistant 0.06  
## 116 32 Resistant <=0.015  
## 117 64 Resistant 0.12  
## 118 32 Resistant 0.03  
## 119 64 Resistant 0.06  
## 120 64 Resistant 0.12  
## 121 32 Resistant 0.03  
## 122 32 Resistant 0.12  
## 123 32 Resistant 0.06  
## 124 64 Resistant 0.03  
## 125 64 Resistant 0.06  
## 126 128 Resistant <=0.015  
## 127 2 Susceptible <=0.015  
## 128 64 Resistant 0.03  
## 129 32 Resistant 0.12  
## 130 128 Resistant 0.12  
## 131 32 Resistant 0.03  
## 132 128 Resistant 0.06  
## 133 32 Resistant <=0.015  
## 134 64 Resistant 0.03  
## 135 64 Resistant 0.03  
## 136 32 Resistant 0.06  
## 137 2 Susceptible 0.06  
## 138 64 Resistant 0.06  
## 139 64 Resistant 0.12  
## 140 64 Resistant 0.06  
## 141 32 Resistant <=0.015  
## 142 16 Resistant 0.03  
## 143 32 Resistant 0.03  
## 144 64 Resistant 0.06  
## 145 >128 Resistant 0.5  
## 146 64 Resistant 0.06  
## 147 32 Resistant 0.03  
## 148 128 Resistant 0.03  
## 149 16 Resistant 0.06  
## 150 128 Resistant 0.06  
## 151 64 Resistant 0.06  
## 152 64 Resistant 0.25  
## 153 16 Resistant 0.12  
## 154 32 Resistant 0.06  
## 155 64 Resistant <=0.015  
## 156 32 Resistant <=0.015  
## 157 32 Resistant 0.06  
## 158 >128 Resistant 0.25  
## 159 32 Resistant 0.06  
## 160 32 Resistant 0.03  
## 161 32 Resistant <=0.015  
## 162 32 Resistant <=0.015  
## 163 32 Resistant 0.03  
## 164 64 Resistant 0.12  
## 165 32 Resistant 0.03  
## 166 128 Resistant 0.06  
## 167 128 Resistant 0.12  
## 168 128 Resistant 0.06  
## 169 32 Resistant 0.03  
## 170 16 Resistant <=0.015  
## 171 128 Resistant 0.5  
## 172 32 Resistant 0.25  
## 173 64 Resistant 0.06  
## 174 32 Resistant 0.12  
## 175 32 Resistant 0.03  
## 176 16 Resistant 0.06  
## 177 32 Resistant <=0.015  
## 178 32 Resistant 0.06  
## 179 128 Resistant 0.03  
## 180 >128 Resistant 0.06  
## 181 64 Resistant <=0.015  
## 182 32 Resistant 0.03  
## 183 32 Resistant <=0.015  
## 184 >128 Resistant 16  
## 185 >128 Resistant 64  
## 186 0.12 Susceptible 0.12  
## 187 64 Resistant 0.06  
## 188 16 Resistant 0.06  
## 189 16 Resistant 0.03  
## 190 64 Resistant 0.12  
## 191 16 Resistant 0.06  
## 192 16 Resistant <=0.015  
## 193 32 Resistant <=0.015  
## 194 64 Resistant 0.06  
## 195 128 Resistant 0.06  
## 196 128 Resistant 0.06  
## 197 16 Resistant 0.06  
## 198 128 Resistant 0.12  
## 199 32 Resistant 0.06  
## 200 32 Resistant 0.03  
## 201 64 Resistant 0.06  
## 202 64 Resistant 0.06  
## 203 32 Resistant 0.06  
## 204 0.12 Susceptible 0.12  
## 205 16 Resistant <=0.015  
## 206 16 Resistant 0.03  
## 207 64 Resistant 0.03  
## 208 64 Resistant <=0.015  
## 209 64 Resistant 0.06  
## 210 32 Resistant <=0.015  
## 211 64 Resistant 0.03  
## 212 64 Resistant 0.03  
## 213 128 Resistant 0.03  
## 214 128 Resistant 0.12  
## 215 128 Resistant 0.06  
## 216 128 Resistant 0.12  
## 217 128 Resistant 1  
## 218 8 Intermediate <=0.015  
## 219 128 Resistant 0.12  
## 220 32 Resistant 0.06  
## 221 32 Resistant 0.06  
## 222 16 Resistant 0.06  
## 223 32 Resistant 0.03  
## 224 32 Resistant 0.03  
## 225 32 Resistant 0.06  
## 226 64 Resistant 0.12  
## 227 64 Resistant 0.06  
## 228 64 Resistant 0.06  
## 229 64 Resistant 0.12  
## 230 >128 Resistant 1  
## 231 <=0.015 Susceptible <=0.015  
## 232 32 Resistant 0.06  
## 233 32 Resistant 0.03  
## 234 64 Resistant 0.06  
## 235 64 Resistant 0.12  
## 236 >128 Resistant 1  
## 237 128 Resistant 0.12  
## 238 128 Resistant <=0.015  
## 239 >128 Resistant 0.12  
## 240 128 Resistant 0.06  
## 241 32 Resistant 0.12  
## 242 32 Resistant 0.03  
## 243 128 Resistant 0.25  
## 244 64 Resistant 0.03  
## 245 64 Resistant 0.06  
## 246 128 Resistant 0.12  
## 247 >128 Resistant 0.12  
## 248 32 Resistant 0.06  
## 249 16 Resistant 0.06  
## 250 >128 Resistant 0.5  
## 251 64 Resistant 0.06  
## 252 32 Resistant 0.03  
## 253 32 Resistant 0.06  
## 254 16 Resistant 0.06  
## 255 32 Resistant 0.03  
## 256 64 Resistant 0.06  
## 257 64 Resistant 0.12  
## 258 32 Resistant <=0.015  
## 259 128 Resistant 0.03  
## 260 128 Resistant 0.5  
## 261 16 Resistant 0.03  
## 262 32 Resistant <=0.015  
## 263 16 Resistant 0.06  
## 264 64 Resistant 0.12  
## 265 32 Resistant 0.03  
## 266 64 Resistant 0.03  
## 267 32 Resistant 0.03  
## 268 128 Resistant 0.12  
## 269 128 Resistant 0.12  
## 270 128 Resistant 0.12  
## 271 64 Resistant 0.03  
## 272 128 Resistant 0.12  
## 273 32 Resistant 0.03  
## 274 32 Resistant 0.03  
## 275 32 Resistant 0.06  
## 276 64 Resistant 0.12  
## 277 64 Resistant 0.03  
## 278 16 Resistant 0.25  
## 279 >128 Resistant 0.06  
## 280 32 Resistant <=0.015  
## 281 32 Resistant 0.06  
## 282 32 Resistant 0.06  
## 283 32 Resistant 0.06  
## 284 16 Resistant 0.03  
## 285 32 Resistant 0.03  
## 286 64 Resistant 0.06  
## 287 64 Resistant 0.12  
## 288 >128 Resistant 1  
## 289 32 Resistant 0.03  
## 290 128 Resistant 0.12  
## 291 32 Resistant 0.03  
## 292 16 Resistant 0.06  
## 293 32 Resistant 0.03  
## 294 128 Resistant 0.12  
## 295 64 Resistant 0.06  
## 296 64 Resistant 0.12  
## 297 32 Resistant 0.06  
## 298 32 Resistant 0.06  
## 299 64 Resistant 0.06  
## 300 64 Resistant 0.06  
## 301 16 Resistant 0.12  
## 302 64 Resistant 0.03  
## 303 16 Resistant 0.06  
## 304 >128 Resistant 16  
## 305   
## 306 128 Resistant 0.12  
## 307 64 Resistant 0.06  
## 308 64 Resistant 0.06  
## 309 16 Resistant 0.12  
## 310 128 Resistant 0.12  
## 311 16 Resistant 0.06  
## 312 64 Resistant 0.12  
## 313 16 Resistant 0.03  
## 314 32 Resistant 0.12  
## 315 32 Resistant 0.06  
## 316 8 Intermediate 0.12  
## 317 128 Resistant 0.12  
## 318 64 Resistant 0.06  
## 319 128 Resistant 0.12  
## 320 32 Resistant 0.12  
## 321 64 Resistant 0.25  
## 322 64 Resistant 0.06  
## 323 64 Resistant 0.06  
## 324 32 Resistant 0.06  
## 325 64 Resistant 0.06  
## 326 32 Resistant 0.06  
## 327 64 Resistant 0.06  
## 328 128 Resistant 0.06  
## 329 32 Resistant 0.06  
## 330 64 Resistant 0.12  
## 331 16 Resistant 0.06  
## 332 64 Resistant 0.06  
## 333 64 Resistant 0.12  
## 334 32 Resistant 0.03  
## 335 64 Resistant 0.06  
## 336 4 Susceptible 0.06  
## 337 32 Resistant 0.06  
## 338 32 Resistant 0.06  
## 339 128 Resistant 0.06  
## 340 128 Resistant 0.06  
## 341 32 Resistant 0.06  
## 342 32 Resistant 0.03  
## 343 64 Resistant 0.06  
## 344 64 Resistant 0.06  
## 345 64 Resistant 0.03  
## 346 32 Resistant 0.03  
## 347 64 Resistant 0.03  
## 348 128 Resistant 0.06  
## 349 32 Resistant 0.03  
## 350 32 Resistant 0.06  
## 351 8 Intermediate 0.06  
## 352 32 Resistant 0.06  
## 353 128 Resistant 0.12  
## 354 64 Resistant 0.12  
## 355 64 Resistant 0.12  
## 356 32 Resistant 0.12  
## 357 16 Resistant 0.03  
## 358 32 Resistant 0.12  
## 359 128 Resistant 0.12  
## 360 64 Resistant 0.12  
## 361 4 Susceptible <=0.015  
## 362 32 Resistant 0.06  
## 363 >128 Resistant 0.12  
## 364 16 Resistant 0.06  
## 365 16 Resistant 0.06  
## 366 128 Resistant 0.06  
## 367 32 Resistant 0.03  
## 368 32 Resistant 0.06  
## 369 64 Resistant 0.06  
## 370 64 Resistant 0.06  
## 371 32 Resistant 0.03  
## 372 4 Susceptible 0.12  
## 373 128 Resistant 0.06  
## 374 32 Resistant 0.06  
## 375 32 Resistant 0.03  
## 376 32 Resistant 0.06  
## 377 128 Resistant 0.12  
## 378 16 Resistant 0.03  
## 379 64 Resistant 0.06  
## 380 32 Resistant 0.03  
## 381 128 Resistant 0.06  
## 382 64 Resistant 0.03  
## 383 16 Resistant 0.06  
## 384 128 Resistant 0.06  
## 385 32 Resistant 0.03  
## 386 128 Resistant 0.06  
## 387 16 Resistant <=0.015  
## 388 64 Resistant 0.03  
## 389 16 Resistant 0.03  
## 390 128 Resistant 0.12  
## 391 64 Resistant 0.06  
## 392 128 Resistant 0.12  
## 393 128 Resistant 0.12  
## 394 128 Resistant 0.12  
## 395 128 Resistant 0.25  
## 396 128 Resistant 0.12  
## 397 32 Resistant 0.06  
## 398 128 Resistant 0.12  
## 399 64 Resistant 0.06  
## 400 128 Resistant 0.06  
## 401 8 Intermediate 0.06  
## 402 16 Resistant 0.06  
## 403 128 Resistant 0.12  
## 404 32 Resistant 0.06  
## 405 16 Resistant 0.06  
## 406 16 Resistant 0.03  
## 407 0.5 Susceptible 0.12  
## 408 32 Resistant 0.06  
## 409 128 Resistant 0.12  
## 410 4 Susceptible 0.03  
## 411 8 Intermediate 0.06  
## 412 128 Resistant 2  
## 413 32 Resistant 0.25  
## 414 16 Resistant 0.06  
## 415 16 Resistant 0.03  
## 416 64 Resistant <=0.015  
## 417 128 Resistant 0.06  
## 418 128 Resistant 0.06  
## 419 4 Susceptible 0.03  
## 420 16 Resistant 0.03  
## 421 4 Susceptible 4  
## 422 4 Susceptible 0.03  
## 423 64 Resistant 0.06  
## 424 32 Resistant 0.03  
## 425 16 Resistant 0.03  
## 426 64 Resistant 0.12  
## 427 64 Resistant 0.12  
## 428 64 Resistant 0.06  
## 429 64 Resistant 0.03  
## 430 32 Resistant 0.12  
## 431 32 Resistant 0.12  
## 432 128 Resistant 0.12  
## 433 8 Intermediate 0.12  
## 434 64 Resistant 0.12  
## 435 128 Resistant 0.12  
## 436 4 Susceptible 0.03  
## 437 32 Resistant 0.06  
## 438 32 Resistant 0.12  
## 439 4 Susceptible 0.12  
## 440 64 Resistant 0.12  
## 441 128 Resistant <=0.015  
## 442 4 Susceptible 0.06  
## 443 128 Resistant 0.25  
## 444 64 Resistant 0.12  
## 445 16 Resistant 0.03  
## 446 64 Resistant 0.03  
## 447 64 Resistant 0.03  
## 448 32 Resistant 0.03  
## 449 8 Intermediate 0.03  
## 450 64 Resistant 0.12  
## 451 32 Resistant <=0.015  
## 452 64 Resistant 0.03  
## 453 128 Resistant 0.12  
## 454 8 Intermediate 0.03  
## 455 128 Resistant 0.03  
## 456 >128 Resistant 0.06  
## 457 32 Resistant 0.03  
## 458 >128 Resistant 0.25  
## 459 16 Resistant 0.03  
## 460 64 Resistant 0.06  
## 461 128 Resistant 0.12  
## 462 128 Resistant 0.06  
## 463 8 Intermediate <=0.015  
## 464 >128 Resistant 0.12  
## 465 >128 Resistant 0.12  
## 466 64 Resistant 0.06  
## 467 2 Susceptible <=0.015  
## 468 16 Resistant 0.12  
## 469 64 Resistant 0.03  
## 470 32 Resistant 0.06  
## 471 >128 Resistant 0.12  
## 472 128 Resistant 0.12  
## 473 8 Intermediate 0.03  
## 474 64 Resistant 0.06  
## 475 128 Resistant 0.06  
## 476 8 Intermediate 0.03  
## 477 4 Susceptible 0.03  
## 478 >128 Resistant 0.06  
## 479 64 Resistant 0.03  
## 480 32 Resistant 0.03  
## 481 128 Resistant 0.06  
## 482 16 Resistant 0.06  
## 483 8 Intermediate <=0.015  
## 484 16 Resistant 0.03  
## 485 128 Resistant 0.03  
## 486 64 Resistant 0.12  
## 487 16 Resistant 0.03  
## 488 64 Resistant 0.06  
## 489 32 Resistant 0.03  
## 490 2 Susceptible 0.03  
## 491 32 Resistant <=0.015  
## 492 64 Resistant <=0.015  
## 493 >128 Resistant 0.12  
## 494 128 Resistant 0.25  
## 495 32 Resistant 0.12  
## 496 64 Resistant 0.03  
## 497 >128 Resistant 0.12  
## 498 64 Resistant 0.12  
## 499 16 Resistant 0.03  
## 500 32 Resistant 0.03  
## 501 >128 Resistant 0.12  
## 502 32 Resistant 0.03  
## 503 8 Intermediate 0.03  
## 504 >128 Resistant 0.12  
## 505 2 Susceptible 0.06  
## 506 64 Resistant 0.06  
## 507 >128 Resistant 0.25  
## 508 32 Resistant <=0.015  
## 509 32 Resistant 0.03  
## 510 64 Resistant 0.03  
## 511 >128 Resistant 0.06  
## 512 64 Resistant 0.03  
## 513 64 Resistant 0.03  
## 514 2 Susceptible <=0.015  
## 515 >128 Resistant 0.25  
## 516 128 Resistant 0.12  
## 517 >128 Resistant 0.12  
## 518 32 Resistant 0.06  
## 519 >128 Resistant 0.06  
## 520 >128 Resistant 0.25  
## 521 64 Resistant 0.06  
## 522 128 Resistant 0.06  
## 523 128 Resistant 0.06  
## 524 32 Resistant 0.03  
## 525   
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## 527   
## 528 >128 Resistant 0.12  
## 529 >128 Resistant 0.06  
## 530 128 Resistant 0.03  
## 531 64 Resistant 0.12  
## 532 64 Resistant 0.06  
## 533 64 Resistant 0.06  
## 534 128 Resistant 0.06  
## 535 64 Resistant 0.06  
## 536 >128 Resistant 0.03  
## 537 128 Resistant 0.25  
## 538 64 Resistant 0.06  
## 539 64 Resistant 0.03  
## 540 >128 Resistant 0.12  
## 541 32 Resistant 0.06  
## 542 128 Resistant 0.06  
## 543 64 Resistant 0.03  
## 544 32 Resistant <=0.015  
## 545 64 Resistant 2  
## 546 >128 Resistant 0.12  
## 547 >128 Resistant 0.12  
## 548 64 Resistant 0.06  
## 549 64 Resistant 0.06  
## 550 64 Resistant 0.03  
## 551 64 Resistant 0.06  
## 552 32 Resistant 0.03  
## 553 >128 Resistant 0.06  
## 554 64 Resistant 0.03  
## 555 64 Resistant 0.06  
## 556 128 Resistant 0.12  
## 557 8 Intermediate 0.03  
## 558 >128 Resistant 16  
## 559 32 Resistant <=0.015  
## 560 >128 Resistant 8  
## 561 32 Resistant 0.12  
## 562   
## 563 64 Resistant 32 Resistant 0.03  
## 564 32 Resistant 32 Resistant 0.06  
## 565 16 Intermediate 32 Resistant 0.06  
## 566 16 Intermediate 64 Resistant 0.06  
## 567 16 Intermediate 32 Resistant 0.12  
## 568 32 Resistant 128 Resistant 0.06  
## 569 64 Resistant 64 Resistant 0.06  
## 570 64 Resistant 64 Resistant 0.12  
## 571 64 Resistant 32 Resistant 0.06  
## 572 32 Resistant 32 Resistant 0.06  
## 573 32 Resistant 32 Resistant 0.06  
## 574 32 Resistant 4 Susceptible 0.25  
## 575 64 Resistant 128 Resistant 0.06  
## 576 32 Resistant 32 Resistant 0.03  
## 577 64 Resistant 32 Resistant 0.06  
## 578 16 Intermediate 4 Susceptible 0.03  
## 579 64 Resistant 64 Resistant 0.06  
## 580 8 Susceptible 4 Susceptible 0.06  
## 581 32 Resistant 4 Susceptible 0.12  
## 582 32 Resistant 64 Resistant 0.06  
## 583 32 Resistant 8 Intermediate 0.06  
## 584 64 Resistant 64 Resistant 0.06  
## 585 32 Resistant 64 Resistant 0.06  
## 586 64 Resistant 128 Resistant 0.12  
## 587 64 Resistant 64 Resistant 0.03  
## 588 32 Resistant 16 Resistant 0.03  
## 589 >64 Resistant 128 Resistant 0.25  
## 590 64 Resistant 128 Resistant 0.06  
## 591 64 Resistant 32 Resistant 0.06  
## 592 64 Resistant 32 Resistant 0.03  
## 593 32 Resistant 64 Resistant 0.03  
## 594 64 Resistant 128 Resistant 0.12  
## 595 16 Intermediate 8 Intermediate <=0.015  
## 596 >64 Resistant 128 Resistant 0.12  
## 597 >64 Resistant >128 Resistant 0.06  
## 598 >64 Resistant 128 Resistant 0.12  
## 599 64 Resistant 32 Resistant 0.06  
## 600 16 Intermediate 32 Resistant 0.06  
## 601 >64 Resistant 32 Resistant 0.12  
## 602 >64 Resistant >128 Resistant 0.12  
## 603 32 Resistant 16 Resistant 0.03  
## 604 >64 Resistant 128 Resistant 0.12  
## 605 >64 Resistant 64 Resistant 0.12  
## 606 64 Resistant 128 Resistant 0.06  
## 607 >64 Resistant 64 Resistant 0.06  
## 608 64 Resistant 64 Resistant 0.06  
## 609 >64 Resistant 64 Resistant 0.12  
## 610 32 Resistant 64 Resistant 0.06  
## 611 64 Resistant 128 Resistant 0.06  
## 612 16 Intermediate 32 Resistant 0.06  
## 613 32 Resistant 32 Resistant 0.06  
## 614 32 Resistant 64 Resistant 0.06  
## 615 >64 Resistant >128 Resistant 4  
## 616 32 Resistant 64 Resistant 0.06  
## 617 >64 Resistant 128 Resistant 0.12  
## 618 >64 Resistant 32 Resistant 2  
## 619 >64 Resistant >128 Resistant 0.5  
## 620 64 Resistant 32 Resistant 0.06  
## 621 >64 Resistant >128 Resistant 1  
## 622 64 Resistant 64 Resistant 0.06  
## 623 32 Resistant 32 Resistant 0.06  
## 624 64 Resistant 32 Resistant 0.06  
## 625 >64 Resistant 128 Resistant 0.12  
## 626 32 Resistant 32 Resistant 0.06  
## 627 32 Resistant 16 Resistant 0.03  
## 628 64 Resistant 16 Resistant 0.06  
## 629 >64 Resistant 32 Resistant 0.06  
## 630 >64 Resistant >128 Resistant 1  
## 631 >64 Resistant 64 Resistant 0.06  
## 632 16 Intermediate 64 Resistant 0.06  
## 633 64 Resistant 32 Resistant 0.06  
## 634 64 Resistant 64 Resistant 0.06  
## 635 32 Resistant 32 Resistant 0.06  
## 636 16 Intermediate 8 Intermediate 0.06  
## 637 32 Resistant 16 Resistant 0.06  
## 638 >64 Resistant 32 Resistant 0.03  
## 639 32 Resistant 128 Resistant 0.03  
## 640 64 Resistant 128 Resistant 0.12  
## 641 32 Resistant 32 Resistant 0.03  
## 642 32 Resistant 16 Resistant 0.06  
## 643 >64 Resistant 32 Resistant 0.03  
## 644 >64 Resistant 128 Resistant 0.06  
## 645 32 Resistant 32 Resistant 0.25  
## 646 64 Resistant 128 Resistant 0.06  
## 647 64 Resistant 128 Resistant 0.12  
## 648 >64 Resistant 32 Resistant 0.03  
## 649 >64 Resistant >128 Resistant 0.5  
## 650 >64 Resistant >128 Resistant 1  
## 651 >64 Resistant >128 Resistant 1  
## 652 16 Intermediate 32 Resistant 0.03  
## 653 32 Resistant 32 Resistant 0.03  
## 654 16 Intermediate 32 Resistant <=0.015  
## 655 >64 Resistant >128 Resistant 1  
## 656 16 Intermediate 32 Resistant 0.03  
## 657 8 Susceptible 8 Intermediate 0.03  
## 658 >64 Resistant >128 Resistant 1  
## 659 >64 Resistant 32 Resistant 0.03  
## 660 32 Resistant 8 Intermediate <=0.015  
## 661 32 Resistant 8 Intermediate 0.03  
## 662 64 Resistant 32 Resistant 0.06  
## 663 >64 Resistant >128 Resistant 1  
## 664 32 Resistant 32 Resistant <=0.015  
## 665 >64 Resistant >128 Resistant 1  
## 666 64 Resistant >128 Resistant 1  
## 667 64 Resistant 128 Resistant 0.12  
## 668 64 Resistant 64 Resistant 0.06  
## 669 64 Resistant 64 Resistant 0.06  
## 670 64 Resistant 64 Resistant 0.06  
## 671 64 Resistant 128 Resistant 0.12  
## 672 4 Susceptible 128 Resistant 0.12  
## 673 32 Resistant 64 Resistant 0.06  
## 674 64 Resistant 64 Resistant 0.06  
## 675 64 Resistant 128 Resistant 0.12  
## 676 >64 Resistant >128 Resistant 1  
## 677 >64 Resistant >128 Resistant 1  
## 678 64 Resistant 64 Resistant <=0.015  
## 679 16 Intermediate 32 Resistant 0.06  
## 680 32 Resistant 64 Resistant 0.06  
## 681 >64 Resistant 2 Susceptible <=0.015  
## 682 64 Resistant 64 Resistant 0.12  
## 683 64 Resistant 128 Resistant 0.12  
## 684 32 Resistant 16 Resistant 0.03  
## 685 32 Resistant 32 Resistant 0.03  
## 686 8 Susceptible 2 Susceptible <=0.015  
## 687 16 Intermediate 64 Resistant 0.06  
## 688 32 Resistant 1 Susceptible <=0.015  
## 689 64 Resistant 128 Resistant 0.06  
## 690 32 Resistant 64 Resistant 0.03  
## 691 32 Resistant 64 Resistant 0.12  
## 692 32 Resistant 64 Resistant 0.06  
## 693 32 Resistant 32 Resistant 0.03  
## 694 >64 Resistant 128 Resistant 0.12  
## 695 32 Resistant 64 Resistant 0.06  
## 696 32 Resistant 32 Resistant 0.06  
## 697 64 Resistant 32 Resistant 0.06  
## 698 >64 Resistant 32 Resistant 0.12  
## 699 16 Intermediate 32 Resistant 0.06  
## 700 64 Resistant 128 Resistant 0.06  
## 701 >64 Resistant 64 Resistant 0.06  
## 702 64 Resistant 16 Resistant 0.5  
## 703 64 Resistant 64 Resistant 0.06  
## 704 64 Resistant 128 Resistant 0.12  
## 705 16 Intermediate 8 Intermediate <=0.015  
## 706 8 Susceptible 8 Intermediate 0.03  
## 707 >64 Resistant 128 Resistant 0.25  
## 708 32 Resistant 8 Intermediate 0.03  
## 709 64 Resistant >128 Resistant 0.12  
## 710 >64 Resistant 128 Resistant 0.25  
## 711 32 Resistant 64 Resistant 0.03  
## 712 32 Resistant 32 Resistant 0.06  
## 713 64 Resistant 32 Resistant 0.06  
## 714 >64 Resistant 128 Resistant 0.25  
## 715 32 Resistant 128 Resistant 0.12  
## 716 >64 Resistant 128 Resistant 0.25  
## 717 >64 Resistant 32 Resistant 0.03  
## 718 64 Resistant 64 Resistant 0.06  
## 719 32 Resistant 4 Susceptible 0.06  
## 720 16 Intermediate 32 Resistant 0.06  
## 721 32 Resistant 64 Resistant 0.06  
## 722 64 Resistant 32 Resistant 0.03  
## 723 64 Resistant 64 Resistant 0.06  
## 724 64 Resistant 64 Resistant 0.06  
## 725 32 Resistant 64 Resistant 0.06  
## 726 64 Resistant 16 Resistant 4  
## 727 >64 Resistant 128 Resistant 0.12  
## 728 >64 Resistant 64 Resistant 0.06  
## 729 >64 Resistant 128 Resistant 0.25  
## 730 >64 Resistant 128 Resistant 0.25  
## 731 >64 Resistant 128 Resistant 0.25  
## 732 >64 Resistant 128 Resistant 0.25  
## 733 >64 Resistant 128 Resistant 0.12  
## 734 >64 Resistant 128 Resistant 0.25  
## 735 >64 Resistant 128 Resistant 0.25  
## 736 >64 Resistant 128 Resistant 0.12  
## 737 64 Resistant 128 Resistant 0.12  
## 738 8 Susceptible 8 Intermediate 0.03  
## 739 16 Intermediate 8 Intermediate 0.06  
## 740 16 Intermediate 2 Susceptible 0.03  
## 741 32 Resistant 16 Resistant 0.03  
## 742 32 Resistant 128 Resistant 0.12  
## 743 64 Resistant 16 Resistant 0.06  
## 744 32 Resistant 32 Resistant 0.06  
## 745 8 Susceptible 8 Intermediate 0.06  
## 746 32 Resistant 64 Resistant 0.06  
## 747 >64 Resistant 128 Resistant 1  
## 748 >64 Resistant 64 Resistant 0.12  
## 749 8 Susceptible 16 Resistant 0.06  
## 750 32 Resistant 4 Susceptible 0.03  
## 751 8 Susceptible 16 Resistant 0.12  
## 752 32 Resistant 32 Resistant 0.06  
## 753 32 Resistant 32 Resistant 0.06  
## 754 32 Resistant 32 Resistant 0.06  
## 755 16 Intermediate 16 Resistant 0.06  
## 756 32 Resistant 4 Susceptible 0.06  
## 757 64 Resistant 128 Resistant 0.12  
## 758 32 Resistant 32 Resistant 0.12  
## 759 >64 Resistant 32 Resistant 0.06  
## 760 >64 Resistant 32 Resistant 0.03  
## 761 64 Resistant 64 Resistant 0.12  
## 762 >64 Resistant >128 Resistant 0.12  
## 763 >64 Resistant 128 Resistant 0.5  
## 764 16 Intermediate 64 Resistant 0.03  
## 765 64 Resistant 64 Resistant 0.03  
## 766 64 Resistant 64 Resistant 0.06  
## 767 32 Resistant 64 Resistant 0.06  
## 768 32 Resistant 32 Resistant 0.03  
## 769 >64 Resistant 32 Resistant 0.12  
## 770 64 Resistant >128 Resistant 0.25  
## 771 32 Resistant 32 Resistant 0.03  
## 772 >64 Resistant 16 Resistant 0.12  
## 773 8 Susceptible >128 Resistant 1  
## 774 >64 Resistant 64 Resistant 0.12  
## 775 32 Resistant 32 Resistant 0.03  
## 776 32 Resistant 32 Resistant 0.06  
## 777 64 Resistant 32 Resistant 0.06  
## 778 64 Resistant 32 Resistant 0.12  
## 779 64 Resistant 64 Resistant 0.06  
## 780 >64 Resistant 32 Resistant 0.06  
## 781 64 Resistant 32 Resistant 0.06  
## 782 64 Resistant 64 Resistant 0.06  
## 783 64 Resistant 64 Resistant 0.06  
## 784 64 Resistant 32 Resistant 0.03  
## 785 32 Resistant 32 Resistant 0.06  
## 786 64 Resistant 32 Resistant 0.03  
## 787 16 Intermediate 32 Resistant 0.03  
## 788 64 Resistant 32 Resistant 0.06  
## 789 64 Resistant 32 Resistant 0.03  
## 790 64 Resistant >128 Resistant 0.25  
## 791 64 Resistant 128 Resistant 0.25  
## 792 64 Resistant 32 Resistant 0.03  
## 793 32 Resistant 32 Resistant 0.03  
## 794 >64 16 Intermediate 8  
## 795 >64 Resistant 128 Resistant 0.06  
## 796 >64 128 Resistant 4  
## 797 >64 >128 Resistant 64  
## 798 >64 >128 Resistant 64  
## 799 >64 >128 Resistant 8  
## 800 >64 128 Resistant 4  
## 801 >64 128 Resistant 4  
## 802 >64 >128 Resistant 4  
## 803 64 Resistant 32 Resistant 0.03  
## 804 >64 Resistant 32 Resistant 0.03  
## 805 >64 Resistant 128 Resistant 0.06  
## 806 >64 Resistant 128 Resistant 0.25  
## 807 >64 Resistant 64 Resistant 0.06  
## 808 32 Resistant 32 Resistant <=0.015  
## 809 64 Resistant 16 Resistant 0.03  
## 810 32 Resistant 16 Resistant 0.03  
## 811 32 Resistant 64 Resistant 0.03  
## 812 16 Intermediate 32 Resistant 0.06  
## 813 64 Resistant 128 Resistant 0.06  
## 814 64 Resistant 64 Resistant <=0.015  
## 815 16 Intermediate 16 Resistant <=0.015  
## 816 32 Resistant 16 Resistant 0.03  
## 817 32 Resistant 32 Resistant 0.03  
## 818 64 Resistant 32 Resistant 0.06  
## 819 32 Resistant 16 Resistant <=0.015  
## 820 >64 Resistant 32 Resistant 0.03  
## 821 32 Resistant 16 Resistant 0.06  
## 822 32 Resistant 64 Resistant 0.03  
## 823 64 Resistant 16 Resistant 0.03  
## 824 >64 Resistant 128 Resistant 0.06  
## 825 >64 Resistant 64 Resistant 0.12  
## 826 >64 Resistant 1 Susceptible <=0.015  
## 827 >64 Resistant >128 Resistant 2  
## 828 >64 Resistant >128 Resistant 0.2500  
## 829 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 830 16.0000 Intermediate 4.0000 Susceptible 0.0300  
## 831 4.0000 Susceptible 8.0000 Intermediate 0.0300  
## 832 16.0000 Intermediate 128.0000 Resistant <=0.015  
## 833 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 834 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 835 4.0000 Susceptible 32.0000 Resistant 0.0600  
## 836 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 837 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 838 >64 Resistant 128.0000 Resistant 0.2500  
## 839 8.0000 Susceptible 8.0000 Intermediate 0.0600  
## 840 16.0000 Intermediate 2.0000 Susceptible 0.0300  
## 841 8.0000 Susceptible 16.0000 Resistant 0.0300  
## 842 2.0000 Susceptible 4.0000 Susceptible 0.0300  
## 843 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 844 8.0000 Susceptible 2.0000 Susceptible 0.0600  
## 845 >64 Resistant 64.0000 Resistant 0.1200  
## 846 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 847 16.0000 Intermediate 8.0000 Intermediate 0.0300  
## 848 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 849 16.0000 Intermediate 128.0000 Resistant 0.0600  
## 850 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 851 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 852 32.0000 Resistant 64.0000 Resistant 0.1200  
## 853 64.0000 Resistant 64.0000 Resistant 0.0600  
## 854 64.0000 Resistant 128.0000 Resistant 0.5000  
## 855 >64 Resistant 16.0000 Resistant 0.0300  
## 856 >64 Resistant 64.0000 Resistant 0.1200  
## 857 32.0000 Resistant 64.0000 Resistant 0.1200  
## 858 64.0000 Resistant 64.0000 Resistant 0.0300  
## 859 32.0000 Resistant 64.0000 Resistant 0.0600  
## 860 32.0000 Resistant 32.0000 Resistant 0.0300  
## 861 32.0000 Resistant 32.0000 Resistant 0.0600  
## 862 64.0000 Resistant 32.0000 Resistant 0.1200  
## 863 64.0000 Resistant 128.0000 Resistant 0.0600  
## 864 32.0000 Resistant 32.0000 Resistant 0.0600  
## 865 >64 Resistant 128.0000 Resistant 0.1200  
## 866 32.0000 Resistant 64.0000 Resistant 0.0600  
## 867 >64 Resistant >128 Resistant 2.0000  
## 868 64.0000 Resistant 64.0000 Resistant 0.1200  
## 869 8.0000 Susceptible 16.0000 Resistant 0.0600  
## 870 32.0000 Resistant 64.0000 Resistant 0.0600  
## 871 64.0000 Resistant 16.0000 Resistant 0.0300  
## 872 32.0000 Resistant 64.0000 Resistant 0.0600  
## 873 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 874 32.0000 Resistant 32.0000 Resistant 0.0300  
## 875 >64 Resistant 128.0000 Resistant 0.2500  
## 876 32.0000 Resistant 32.0000 Resistant 0.0300  
## 877 32.0000 Resistant 16.0000 Resistant 0.0600  
## 878 >64 Resistant >128 Resistant 2.0000  
## 879 >64 Resistant 128.0000 Resistant 0.1200  
## 880 >64 Resistant 128.0000 Resistant 0.1200  
## 881 32.0000 Resistant 32.0000 Resistant 0.0300  
## 882 32.0000 Resistant 64.0000 Resistant 0.1200  
## 883 >64 Resistant 64.0000 Resistant 0.1200  
## 884 64.0000 Resistant 64.0000 Resistant 0.1200  
## 885 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 886 32.0000 Resistant 2.0000 Susceptible <=0.015  
## 887 8.0000 Susceptible 8.0000 Intermediate <=0.015  
## 888 64.0000 Resistant 128.0000 Resistant 0.2500  
## 889 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 890 >64 Resistant 128.0000 Resistant 0.2500  
## 891 32.0000 Resistant 128.0000 Resistant 0.1200  
## 892 32.0000 Resistant 128.0000 Resistant 0.1200  
## 893 8.0000 Susceptible 64.0000 Resistant <=0.015  
## 894 >64 Resistant 128.0000 Resistant 0.0600  
## 895 64.0000 Resistant 128.0000 Resistant 0.1200  
## 896 16.0000 Intermediate 64.0000 Resistant <=0.015  
## 897 >64 Resistant 128.0000 Resistant 0.1200  
## 898 >64 Resistant 32.0000 Resistant 0.0600  
## 899 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 900 >64 Resistant 64.0000 Resistant 0.0600  
## 901 64.0000 Resistant 128.0000 Resistant 0.2500  
## 902 >64 Resistant 64.0000 Resistant 0.1200  
## 903 64.0000 Resistant 128.0000 Resistant 0.2500  
## 904 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 905 64.0000 Resistant 64.0000 Resistant 0.0600  
## 906 >64 Resistant 128.0000 Resistant 0.0600  
## 907 32.0000 Resistant 32.0000 Resistant 0.0600  
## 908 16.0000 Intermediate 32.0000 Resistant 0.1200  
## 909 >64 Resistant 64.0000 Resistant 0.1200  
## 910 >64 Resistant 128.0000 Resistant 0.2500  
## 911 >64 Resistant 128.0000 Resistant 0.2500  
## 912 >64 Resistant 128.0000 Resistant 0.1200  
## 913 32.0000 Resistant 64.0000 Resistant <=0.015  
## 914 4.0000 Susceptible 4.0000 Susceptible 0.0300  
## 915 32.0000 Resistant 32.0000 Resistant 0.1200  
## 916 16.0000 Intermediate 32.0000 Resistant <=0.015  
## 917 64.0000 Resistant 16.0000 Resistant <=0.015  
## 918 >64 Resistant 128.0000 Resistant 0.2500  
## 919 16.0000 Intermediate 8.0000 Intermediate 0.0300  
## 920 16.0000 Intermediate 64.0000 Resistant <=0.015  
## 921 >64 Resistant 128.0000 Resistant 0.2500  
## 922 >64 Resistant 0.1200 Susceptible 0.0600  
## 923 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 924 32.0000 Resistant 128.0000 Resistant 0.0600  
## 925 16.0000 Intermediate 8.0000 Intermediate <=0.015  
## 926 32.0000 Resistant 32.0000 Resistant 0.0300  
## 927 >64 Resistant 1.0000 Susceptible 0.0600  
## 928 64.0000 Resistant 128.0000 Resistant 0.1200  
## 929 64.0000 Resistant 128.0000 Resistant 0.0600  
## 930 32.0000 Resistant 64.0000 Resistant 0.0300  
## 931 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 932 32.0000 Resistant 64.0000 Resistant 0.0300  
## 933 >64 Resistant 32.0000 Resistant 0.0300  
## 934 64.0000 Resistant 64.0000 Resistant 0.0600  
## 935 >64 Resistant 128.0000 Resistant 0.2500  
## 936 >64 Resistant 128.0000 Resistant 0.1200  
## 937 32.0000 Resistant 64.0000 Resistant 0.0300  
## 938 >64 Resistant 32.0000 Resistant 0.0300  
## 939 32.0000 Resistant 64.0000 Resistant 0.0600  
## 940 32.0000 Resistant 64.0000 Resistant 0.0600  
## 941 >64 Resistant >128 Resistant 0.2500  
## 942 32.0000 Resistant 64.0000 Resistant 0.0600  
## 943 64.0000 Resistant 64.0000 Resistant 0.1200  
## 944 >64 Resistant 64.0000 Resistant 0.1200  
## 945 32.0000 Resistant 2.0000 Susceptible 0.0300  
## 946 32.0000 Resistant 4.0000 Susceptible 0.0300  
## 947 >64 8.0000 Susceptible 4.0000  
## 948 32.0000 Resistant 64.0000 Resistant 0.0300  
## 949 >64 Resistant 1.0000 Susceptible 0.0300  
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## 951 4.0000 Susceptible 8.0000 Intermediate 0.0600  
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## 953 64.0000 Resistant 16.0000 Resistant 0.0600  
## 954 32.0000 Resistant 32.0000 Resistant 0.0600  
## 955 4.0000 Susceptible 4.0000 Susceptible 0.0300  
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## 957 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 958 >64 Resistant 128.0000 Resistant 0.5000  
## 959 32.0000 Resistant 16.0000 Resistant 0.0300  
## 960 >64 Resistant 128.0000 Resistant 0.1200  
## 961 8.0000 Susceptible 16.0000 Resistant 0.0300  
## 962 32.0000 Resistant 16.0000 Resistant <=0.015  
## 963 8.0000 Susceptible 4.0000 Susceptible 0.0300  
## 964 8.0000 Susceptible 8.0000 Intermediate 0.0600  
## 965 >64 Resistant 128.0000 Resistant 0.2500  
## 966 64.0000 Resistant 64.0000 Resistant 0.1200  
## 967 >64 Resistant >128 Resistant 2.0000  
## 968 >64 Resistant >128 Resistant 2.0000  
## 969 64.0000 Resistant 64.0000 Resistant 0.2500  
## 970 >64 Resistant 64.0000 Resistant 0.0600  
## 971 >64 Resistant 64.0000 Resistant 0.0600  
## 972 >64 Resistant 128.0000 Resistant 0.1200  
## 973 >64 Resistant 64.0000 Resistant 0.1200  
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## 975 >64 Resistant 64.0000 Resistant 0.0600  
## 976 32.0000 Resistant 64.0000 Resistant 0.0600  
## 977 >64 Resistant 64.0000 Resistant 0.0600  
## 978 32.0000 Resistant 64.0000 Resistant 0.0600  
## 979 >64 Resistant 64.0000 Resistant 0.0600  
## 980 32.0000 Resistant 64.0000 Resistant 0.0600  
## 981 8.0000 Susceptible 64.0000 Resistant 0.2500  
## 982 16.0000 Intermediate 16.0000 Resistant 0.0300  
## 983 8.0000 Susceptible 64.0000 Resistant 0.0600  
## 984 32.0000 Resistant 128.0000 Resistant 0.1200  
## 985 8.0000 Susceptible 64.0000 Resistant 0.0600  
## 986 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 987 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 988 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 989 64.0000 Resistant 16.0000 Resistant 0.0600  
## 990 32.0000 Resistant 128.0000 Resistant 0.0600  
## 991 64.0000 Resistant 64.0000 Resistant 0.0600  
## 992 64.0000 Resistant >128 Resistant 1.0000  
## 993 >64 Resistant >128 Resistant 2.0000  
## 994 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 995 >64 Resistant 128.0000 Resistant 0.5000  
## 996 32.0000 Resistant >128 Resistant 0.5000  
## 997 8.0000 Susceptible 32.0000 Resistant 0.0600  
## 998 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 999 64.0000 Resistant 16.0000 Resistant 0.0300  
## 1000 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1001 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 1002 >64 Resistant 64.0000 Resistant 0.0600  
## 1003 32.0000 Resistant 128.0000 Resistant 0.0600  
## 1004 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1005 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1006 >64 Resistant 128.0000 Resistant 0.1200  
## 1007 >64 Resistant 0.1200 Susceptible 0.1200  
## 1008 >64 Resistant 128.0000 Resistant 0.1200  
## 1009 >64 Resistant 64.0000 Resistant 0.0600  
## 1010 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1011 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1012 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1013 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1014 >64 Resistant 128.0000 Resistant 0.1200  
## 1015 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1016 >64 Resistant 128.0000 Resistant 1.0000  
## 1017 >64 Resistant 32.0000 Resistant 0.0600  
## 1018 16.0000 Intermediate 32.0000 Resistant 0.1200  
## 1019 32.0000 Resistant 64.0000 Resistant 0.1200  
## 1020 32.0000 Resistant 128.0000 Resistant 0.1200  
## 1021 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1022 32.0000 Resistant 128.0000 Resistant <=0.015  
## 1023 >64 Resistant 64.0000 Resistant 0.0300  
## 1024 8.0000 Susceptible 2.0000 Susceptible <=0.015  
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## 1026 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1027 32.0000 Resistant 128.0000 Resistant 0.1200  
## 1028 >64 Resistant 128.0000 Resistant 0.2500  
## 1029 >64 Resistant >128 Resistant 0.1200  
## 1030 4.0000 Susceptible 32.0000 Resistant 0.0300  
## 1031 >64 Resistant >128 Resistant 0.1200  
## 1032 32.0000 Resistant 64.0000 Resistant 0.1200  
## 1033 32.0000 Resistant 64.0000 Resistant 0.0300  
## 1034 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 1035 64.0000 Resistant 16.0000 Resistant 0.0300  
## 1036 >64 Resistant 128.0000 Resistant 0.1200  
## 1037 >64 Resistant 128.0000 Resistant 0.1200  
## 1038 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1039 64.0000 Resistant 64.0000 Resistant 0.0300  
## 1040 64.0000 Resistant 32.0000 Resistant 0.0300  
## 1041 16.0000 Intermediate 128.0000 Resistant 0.0600  
## 1042 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1043 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1044 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1045 4.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1046 >64 Resistant >128 Resistant 0.1200  
## 1047 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1048 64.0000 Resistant 32.0000 Resistant 0.0600  
## 1049 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 1050 4.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1051 32.0000 Resistant 128.0000 Resistant 0.0300  
## 1052 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1053 16.0000 Intermediate 128.0000 Resistant 0.5000  
## 1054 64.0000 Resistant 64.0000 Resistant 0.0600  
## 1055 >64 Resistant 128.0000 Resistant 0.1200  
## 1056 2.0000 Susceptible 16.0000 Resistant 0.0300  
## 1057 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1058 8.0000 Susceptible 64.0000 Resistant 0.0300  
## 1059 16.0000 Intermediate 64.0000 Resistant 0.1200  
## 1060 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1061 64.0000 Resistant 128.0000 Resistant 0.1200  
## 1062 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1063 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1064 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1065 64.0000 Resistant >128 Resistant 1.0000  
## 1066 32.0000 Resistant 128.0000 Resistant 0.0300  
## 1067 32.0000 Resistant 64.0000 Resistant 0.0300  
## 1068 64.0000 Resistant 32.0000 Resistant 0.0600  
## 1069 >64 Resistant 4.0000 Susceptible <=0.015  
## 1070 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1071 64.0000 Resistant >128 Resistant 8.0000  
## 1072 64.0000 Resistant 64.0000 Resistant 0.0600  
## 1073 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 1074 >64 64.0000 Resistant 16.0000  
## 1075 >64 64.0000 Resistant 16.0000  
## 1076 16.0000 Intermediate 4.0000 Susceptible 0.0600  
## 1077 >64 16.0000 Intermediate 8.0000  
## 1078 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1079 >64 8.0000 Susceptible 4.0000  
## 1080 >64 Resistant 64.0000 Resistant 0.2500  
## 1081 32.0000 Resistant 64.0000 Resistant 0.1200  
## 1082 2.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1083 >64 Resistant >128 Resistant 0.2500  
## 1084 >64 Resistant >128 Resistant 0.1200  
## 1085 >64 Resistant 128.0000 Resistant 0.2500  
## 1086 >64 Resistant 64.0000 Resistant 0.0600  
## 1087 8.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1088 8.0000 Susceptible 16.0000 Resistant 0.0300  
## 1089 64.0000 Resistant 128.0000 Resistant 0.1200  
## 1090 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1091 8.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1092 16.0000 Intermediate 16.0000 Resistant <=0.015  
## 1093 16.0000 Intermediate 128.0000 Resistant 0.0300  
## 1094 16.0000 Intermediate 16.0000 Resistant 0.0300  
## 1095 2.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1096 >64 Resistant >128 Resistant 0.5000  
## 1097 64.0000 Resistant >128 Resistant 0.2500  
## 1098 32.0000 Resistant 128.0000 Resistant 0.1200  
## 1099 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 1100 >64 Resistant >128 Resistant 0.2500  
## 1101 >64 Resistant 128.0000 Resistant 0.1200  
## 1102 16.0000 Intermediate 64.0000 Resistant 0.1200  
## 1103 16.0000 Intermediate 16.0000 Resistant <=0.015  
## 1104 >64 Resistant 128.0000 Resistant 0.2500  
## 1105 32.0000 Resistant 128.0000 Resistant 0.1200  
## 1106 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1107 16.0000 Intermediate 16.0000 Resistant <=0.015  
## 1108 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1109 >64 Resistant 64.0000 Resistant 0.2500  
## 1110 64.0000 Resistant 128.0000 Resistant 0.1200  
## 1111 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1112 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1113 >64 Resistant 64.0000 Resistant 0.0600  
## 1114 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1115 16.0000 Intermediate 64.0000 Resistant 0.1200  
## 1116 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1117 >64 Resistant 128.0000 Resistant 0.1200  
## 1118 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1119 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1120 >64 Resistant 64.0000 Resistant 0.1200  
## 1121 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1122 >64 >128 Resistant 16.0000  
## 1123 >64 >128 Resistant 32.0000  
## 1124 >64 >128 Resistant 64.0000  
## 1125 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 1126 >32 Resistant 32.0000 Resistant 0.0300  
## 1127 8.0000 Susceptible 32.0000 Resistant 0.0600  
## 1128 >32 Resistant >64 Resistant 0.5000  
## 1129 32.0000 Resistant >64 Resistant 0.1200  
## 1130 >32 Resistant >64 Resistant 1.0000  
## 1131 >32 Resistant >64 Resistant 0.1200  
## 1132 >32 64.0000 Resistant 64.0000  
## 1133 >32 Resistant >64 Resistant 1.0000  
## 1134 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1135 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1136 >32 Resistant 64.0000 Resistant 0.0600  
## 1137 32.0000 Resistant >64 Resistant 0.2500  
## 1138 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1139 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1140 >32 Resistant 32.0000 Resistant 0.0300  
## 1141 >32 64.0000 Resistant 32.0000  
## 1142 32.0000 Resistant >64 Resistant 0.0600  
## 1143 16.0000 Intermediate 128.0000 Resistant 0.0600  
## 1144 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1145 64.0000 Resistant 16.0000 Resistant 0.0600  
## 1146 4.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1147 32.0000 Resistant >128 Resistant 0.2500  
## 1148 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 1149 16.0000 Intermediate 16.0000 Resistant 0.0600  
## Ceftaroline Ceftaroline\_I Ceftaroline.avibactam Ceftazidime.avibactam Ceftazidime.avibactam\_I  
## 1 >128 Resistant 0.12 0.25 Susceptible  
## 2 >128 Resistant 0.06 0.25 Susceptible  
## 3 >128 Resistant 0.03 0.06 Susceptible  
## 4 >128 Resistant 0.06 0.12 Susceptible  
## 5 >128 Resistant 0.06 0.12 Susceptible  
## 6 >128 Resistant 0.12 0.25 Susceptible  
## 7 >128 Resistant 0.06 0.12 Susceptible  
## 8 >128 Resistant 0.06 0.25 Susceptible  
## 9 >128 Resistant 0.06 0.25 Susceptible  
## 10 >128 Resistant 0.12 0.25 Susceptible  
## 11 >128 Resistant 0.03 0.12 Susceptible  
## 12 >128 Resistant 0.03 0.12 Susceptible  
## 13 >128 Resistant 0.12 0.5 Susceptible  
## 14 >128 Resistant 0.06 0.25 Susceptible  
## 15 >128 Resistant 0.12 0.25 Susceptible  
## 16 >128 Resistant 0.12 0.25 Susceptible  
## 17 >128 Resistant 0.06 0.25 Susceptible  
## 18 >128 Resistant 0.06 0.25 Susceptible  
## 19 >128 Resistant 0.12 0.25 Susceptible  
## 20 >128 Resistant 0.03 0.12 Susceptible  
## 21 >128 Resistant 0.06 0.12 Susceptible  
## 22 >128 Resistant 0.06 0.12 Susceptible  
## 23 >128 Resistant 0.06 0.5 Susceptible  
## 24 >128 Resistant 0.12 0.12 Susceptible  
## 25 >128 Resistant 0.06 0.12 Susceptible  
## 26 >128 Resistant 0.12 0.25 Susceptible  
## 27 128 Resistant 32 0.5 Susceptible  
## 28 64 Resistant 16 0.5 Susceptible  
## 29 128 Resistant 1 4 Susceptible  
## 30 >128 Resistant 1 4 Susceptible  
## 31 >128 Resistant 0.25 1 Susceptible  
## 32 >128 Resistant 0.12 0.5 Susceptible  
## 33 >128 Resistant 0.25 1 Susceptible  
## 34 >128 Resistant 0.5 0.5 Susceptible  
## 35 >128 Resistant 0.25 0.12 Susceptible  
## 36 >128 Resistant 32 64 Resistant  
## 37 >128 Resistant 0.25 1 Susceptible  
## 38 >128 Resistant 0.12 0.25 Susceptible  
## 39 16 Resistant 0.12 0.5 Susceptible  
## 40 >128 Resistant 0.06 0.12 Susceptible  
## 41 >128 Resistant 0.06 0.12 Susceptible  
## 42 >128 Resistant 0.06 0.25 Susceptible  
## 43 >128 Resistant 128 >128 Resistant  
## 44 >128 Resistant 0.12 0.25 Susceptible  
## 45 >128 Resistant 0.12 0.25 Susceptible  
## 46 >128 Resistant 0.06 0.12 Susceptible  
## 47 >128 Resistant 0.06 0.5 Susceptible  
## 48 >128 Resistant 0.12 0.5 Susceptible  
## 49 >128 Resistant 0.06 0.25 Susceptible  
## 50 >128 Resistant 0.06 0.12 Susceptible  
## 51 >128 Resistant 0.5 0.12 Susceptible  
## 52 >128 Resistant 0.06 0.25 Susceptible  
## 53 >128 Resistant 0.06 0.25 Susceptible  
## 54 >128 Resistant 2 4 Susceptible  
## 55 >128 Resistant 0.06 0.5 Susceptible  
## 56 >128 Resistant 0.06 0.25 Susceptible  
## 57 >128 Resistant 0.03 0.12 Susceptible  
## 58 >128 Resistant 0.06 0.25 Susceptible  
## 59 >128 Resistant 0.12 0.25 Susceptible  
## 60 >128 Resistant 0.06 0.12 Susceptible  
## 61 128 Resistant 0.5 0.5 Susceptible  
## 62 >128 Resistant 0.12 0.25 Susceptible  
## 63 >128 Resistant 0.03 0.12 Susceptible  
## 64 >128 Resistant 0.06 0.12 Susceptible  
## 65 >128 Resistant 0.12 0.25 Susceptible  
## 66 64 Resistant 0.03 0.06 Susceptible  
## 67 >128 Resistant 0.12 0.25 Susceptible  
## 68 >128 Resistant 0.25 0.25 Susceptible  
## 69 >128 Resistant 0.03 0.12 Susceptible  
## 70 >128 Resistant 0.03 0.12 Susceptible  
## 71 >128 Resistant 0.06 0.25 Susceptible  
## 72 >128 Resistant 0.03 0.12 Susceptible  
## 73 >128 Resistant 0.06 0.12 Susceptible  
## 74 >128 Resistant 0.12 0.25 Susceptible  
## 75 >128 Resistant 0.25 0.25 Susceptible  
## 76 >128 Resistant 0.12 0.25 Susceptible  
## 77 32 Resistant 0.06 0.25 Susceptible  
## 78 >128 Resistant 0.25 0.5 Susceptible  
## 79 >128 Resistant >128 >128 Resistant  
## 80 >128 Resistant 0.06 0.25 Susceptible  
## 81 >128 Resistant >128 >128 Resistant  
## 82 64 Resistant 0.5 0.5 Susceptible  
## 83 128 Resistant 0.5 0.5 Susceptible  
## 84 >128 Resistant 0.12 0.5 Susceptible  
## 85 >128 Resistant 0.12 0.25 Susceptible  
## 86 >128 Resistant 0.06 0.25 Susceptible  
## 87 >128 Resistant 0.12 0.25 Susceptible  
## 88 >128 Resistant 0.12 1 Susceptible  
## 89 64 Resistant 0.06 0.25 Susceptible  
## 90 >128 Resistant 0.12 0.12 Susceptible  
## 91 >128 Resistant 0.06 0.25 Susceptible  
## 92 >128 Resistant 0.5 0.5 Susceptible  
## 93 >128 Resistant 0.06 0.25 Susceptible  
## 94 >128 Resistant 0.06 0.12 Susceptible  
## 95 >128 Resistant 0.12 0.5 Susceptible  
## 96 >128 Resistant 0.03 0.12 Susceptible  
## 97 8 Resistant 0.03 0.12 Susceptible  
## 98 >128 Resistant 2 1 Susceptible  
## 99 >128 Resistant 0.12 1 Susceptible  
## 100 4 Resistant 0.12 0.25 Susceptible  
## 101 >128 Resistant 0.25 1 Susceptible  
## 102 128 Resistant 0.03 0.12 Susceptible  
## 103 64 Resistant 0.03 0.06 Susceptible  
## 104 >128 Resistant 0.25 0.5 Susceptible  
## 105 32 Resistant 0.03 0.12 Susceptible  
## 106 >128 Resistant 0.03 0.03 Susceptible  
## 107 >128 Resistant 0.12 0.12 Susceptible  
## 108 >128 Resistant 0.12 0.5 Susceptible  
## 109 >128 Resistant 0.06 0.25 Susceptible  
## 110 >128 Resistant 0.06 0.25 Susceptible  
## 111 >128 Resistant 0.06 0.5 Susceptible  
## 112 >128 Resistant 0.03 0.12 Susceptible  
## 113 >128 Resistant 0.5 0.5 Susceptible  
## 114 >128 Resistant 0.03 0.12 Susceptible  
## 115 >128 Resistant 0.12 0.25 Susceptible  
## 116 >128 Resistant <=0.008 0.06 Susceptible  
## 117 >128 Resistant 0.12 0.25 Susceptible  
## 118 >128 Resistant 0.06 0.12 Susceptible  
## 119 >128 Resistant 0.12 0.25 Susceptible  
## 120 >128 Resistant 0.06 0.25 Susceptible  
## 121 >128 Resistant 0.06 0.12 Susceptible  
## 122 >128 Resistant 0.5 0.25 Susceptible  
## 123 >128 Resistant 0.06 0.12 Susceptible  
## 124 >128 Resistant 0.12 0.25 Susceptible  
## 125 >128 Resistant 0.03 0.25 Susceptible  
## 126 >128 Resistant 0.03 0.25 Susceptible  
## 127 >128 Resistant 0.12 <=0.015 Susceptible  
## 128 >128 Resistant 16 >128 Resistant  
## 129 64 Resistant 2 2 Susceptible  
## 130 >128 Resistant 0.25 0.12 Susceptible  
## 131 >128 Resistant 0.06 0.12 Susceptible  
## 132 >128 Resistant 0.12 0.25 Susceptible  
## 133 >128 Resistant 0.015 0.06 Susceptible  
## 134 >128 Resistant 0.06 0.06 Susceptible  
## 135 >128 Resistant 0.03 0.06 Susceptible  
## 136 >128 Resistant 0.06 0.12 Susceptible  
## 137 >128 Resistant 0.03 0.06 Susceptible  
## 138 >128 Resistant 0.12 0.12 Susceptible  
## 139 >128 Resistant 0.12 0.25 Susceptible  
## 140 >128 Resistant 0.12 0.12 Susceptible  
## 141 >128 Resistant 0.06 0.03 Susceptible  
## 142 >128 Resistant 0.06 0.12 Susceptible  
## 143 >128 Resistant 0.06 0.12 Susceptible  
## 144 >128 Resistant 0.06 0.25 Susceptible  
## 145 64 Resistant 4 0.25 Susceptible  
## 146 >128 Resistant 0.12 0.12 Susceptible  
## 147 >128 Resistant 0.03 0.06 Susceptible  
## 148 >128 Resistant 0.06 0.12 Susceptible  
## 149 >128 Resistant 0.06 0.25 Susceptible  
## 150 32 Resistant 0.06 0.12 Susceptible  
## 151 >128 Resistant 0.06 0.12 Susceptible  
## 152 >128 Resistant 0.25 0.5 Susceptible  
## 153 32 Resistant 0.06 0.25 Susceptible  
## 154 >128 Resistant 0.06 0.25 Susceptible  
## 155 >128 Resistant 0.12 0.25 Susceptible  
## 156 128 Resistant 0.03 0.12 Susceptible  
## 157 >128 Resistant 0.06 0.25 Susceptible  
## 158 >128 Resistant 0.12 1 Susceptible  
## 159 128 Resistant 0.03 0.12 Susceptible  
## 160 128 Resistant 0.03 0.25 Susceptible  
## 161 >128 Resistant 0.015 0.12 Susceptible  
## 162 128 Resistant 0.015 0.12 Susceptible  
## 163 128 Resistant 0.06 0.12 Susceptible  
## 164 128 Resistant 0.25 0.5 Susceptible  
## 165 >128 Resistant 0.06 0.12 Susceptible  
## 166 >128 Resistant 0.06 0.5 Susceptible  
## 167 >128 Resistant 32 >128 Resistant  
## 168 >128 Resistant 0.12 0.5 Susceptible  
## 169 64 Resistant 0.06 0.12 Susceptible  
## 170 64 Resistant 0.03 0.06 Susceptible  
## 171 >128 Resistant 1 0.5 Susceptible  
## 172 128 Resistant 1 2 Susceptible  
## 173 >128 Resistant 0.12 0.5 Susceptible  
## 174 128 Resistant 1 0.5 Susceptible  
## 175 >128 Resistant 0.12 0.12 Susceptible  
## 176 128 Resistant 0.06 0.5 Susceptible  
## 177 128 Resistant 0.12 0.25 Susceptible  
## 178 64 Resistant 0.12 1 Susceptible  
## 179 4 Resistant 0.03 0.12 Susceptible  
## 180 8 Resistant 0.06 0.25 Susceptible  
## 181 128 Resistant <=0.008 0.12 Susceptible  
## 182 64 Resistant 0.06 0.12 Susceptible  
## 183 >128 Resistant 0.03 0.12 Susceptible  
## 184 >128 >128 >128 Resistant  
## 185 >128 32 64 Resistant  
## 186 64 Resistant 32 >128 Resistant  
## 187 128 Resistant 0.25 0.25 Susceptible  
## 188 2 Resistant 0.06 0.12 Susceptible  
## 189 2 Resistant 0.12 0.25 Susceptible  
## 190 >128 Resistant 0.12 0.25 Susceptible  
## 191 64 Resistant 0.25 0.5 Susceptible  
## 192 >128 Resistant <=0.008 0.03 Susceptible  
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## 194 >128 Resistant 0.25 0.03 Susceptible  
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## 205 >128 Resistant 0.06 0.12 Susceptible  
## 206 >128 Resistant 0.06 0.06 Susceptible  
## 207 >128 Resistant 0.03 0.06 Susceptible  
## 208 >128 Resistant 0.03 0.06 Susceptible  
## 209 128 Resistant 0.06 0.12 Susceptible  
## 210 >128 Resistant <=0.008 0.06 Susceptible  
## 211 >128 Resistant 0.06 0.12 Susceptible  
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## 218 >128 Resistant 0.06 0.06 Susceptible  
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## 225 >128 Resistant 0.12 0.12 Susceptible  
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## 227 >128 Resistant 0.06 0.25 Susceptible  
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## 229 >128 Resistant 128 >128 Resistant  
## 230 >128 Resistant 1 1 Susceptible  
## 231 8 Resistant 4 128 Resistant  
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## 233 >128 Resistant 0.06 0.03 Susceptible  
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## 248 >128 Resistant 0.03 0.12 Susceptible  
## 249 32 Resistant 0.25 1 Susceptible  
## 250 64 Resistant 0.25 2 Susceptible  
## 251 >128 Resistant 0.06 0.25 Susceptible  
## 252 >128 Resistant 0.03 0.12 Susceptible  
## 253 >128 Resistant 0.06 0.12 Susceptible  
## 254 >128 Resistant 0.06 0.12 Susceptible  
## 255 128 Resistant 0.06 0.12 Susceptible  
## 256 >128 Resistant 0.12 0.06 Susceptible  
## 257 >128 Resistant >128 >128 Resistant  
## 258 >128 Resistant 0.015 0.06 Susceptible  
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## 260 128 Resistant 0.5 2 Susceptible  
## 261 >128 Resistant 16 >128 Resistant  
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## 270 >128 Resistant 0.12 0.5 Susceptible  
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## 278 8 Resistant 0.25 0.5 Susceptible  
## 279 >128 Resistant 0.06 0.12 Susceptible  
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## 288 >128 Resistant 1 1 Susceptible  
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## 507 >128 Resistant 0.5 Susceptible  
## 508 128 Resistant <=0.015 Susceptible  
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## 512 >128 Resistant 0.12 Susceptible  
## 513 >128 Resistant 0.25 Susceptible  
## 514 32 Resistant 0.03 Susceptible  
## 515 >128 Resistant 0.5 Susceptible  
## 516 >128 Resistant 0.25 Susceptible  
## 517 >128 Resistant >128 Resistant  
## 518 >128 Resistant 0.12 Susceptible  
## 519 >128 Resistant 0.5 Susceptible  
## 520 >128 Resistant 1 Susceptible  
## 521 >128 Resistant 0.25 Susceptible  
## 522 >128 Resistant >128 Resistant  
## 523 >128 Resistant >128 Resistant  
## 524 >128 Resistant 0.12 Susceptible  
## 525   
## 526   
## 527   
## 528 >128 Resistant 0.5 Susceptible  
## 529 >128 Resistant 0.5 Susceptible  
## 530 >128 Resistant 0.25 Susceptible  
## 531 >128 Resistant 0.12 Susceptible  
## 532 >128 Resistant 0.25 Susceptible  
## 533 >128 Resistant 0.25 Susceptible  
## 534 >128 Resistant 0.5 Susceptible  
## 535 >128 Resistant 0.25 Susceptible  
## 536 >128 Resistant 0.25 Susceptible  
## 537 >128 Resistant 0.5 Susceptible  
## 538 >128 Resistant 0.25 Susceptible  
## 539 >128 Resistant 0.12 Susceptible  
## 540 >128 Resistant 1 Susceptible  
## 541 128 Resistant 0.12 Susceptible  
## 542 >128 Resistant 0.12 Susceptible  
## 543 >128 Resistant 0.12 Susceptible  
## 544 >128 Resistant 0.12 Susceptible  
## 545 >128 Resistant 1 Susceptible  
## 546 >128 Resistant 0.5 Susceptible  
## 547 >128 Resistant 0.5 Susceptible  
## 548 >128 Resistant 0.25 Susceptible  
## 549 >128 Resistant 0.25 Susceptible  
## 550 128 Resistant 0.25 Susceptible  
## 551 >128 Resistant 0.25 Susceptible  
## 552 128 Resistant 0.06 Susceptible  
## 553 >128 Resistant 0.5 Susceptible  
## 554 >128 Resistant 0.25 Susceptible  
## 555 >128 Resistant 0.25 Susceptible  
## 556 >128 Resistant 0.5 Susceptible  
## 557 >128 Resistant 0.06 Susceptible  
## 558 >128 Resistant 4 Susceptible  
## 559 >128 Resistant 0.06 Susceptible  
## 560 >128 Resistant 2 Susceptible  
## 561 >128 Resistant >128 Resistant  
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## 563 >8 Resistant 0.25 Susceptible  
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## 581 >8 Resistant 0.12 Susceptible  
## 582 >8 Resistant 0.25 Susceptible  
## 583 >8 Resistant 0.25 Susceptible  
## 584 8 Resistant 0.25 Susceptible  
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## 586 >8 Resistant 0.5 Susceptible  
## 587 >8 Resistant 0.25 Susceptible  
## 588 >8 Resistant 0.12 Susceptible  
## 589 >8 Resistant 0.5 Susceptible  
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## 610 >8 Resistant 0.25 Susceptible  
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## 614 >8 Resistant 0.25 Susceptible  
## 615 >8 Resistant 2 Susceptible  
## 616 >8 Resistant 0.25 Susceptible  
## 617 >8 Resistant >128 Resistant  
## 618 >8 Resistant 1 Susceptible  
## 619 >8 Resistant >128 Resistant  
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## 621 >8 Resistant 1 Susceptible  
## 622 >8 Resistant 0.25 Susceptible  
## 623 >8 Resistant 0.12 Susceptible  
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## 627 >8 Resistant 0.25 Susceptible  
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## 629 >8 Resistant 0.25 Susceptible  
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## 631 >8 Resistant >128 Resistant  
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## 635 >8 Resistant 0.25 Susceptible  
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## 637 >8 Resistant 0.25 Susceptible  
## 638 >8 Resistant >128 Resistant  
## 639 >8 Resistant 0.12 Susceptible  
## 640 >8 Resistant 0.5 Susceptible  
## 641 >8 Resistant 0.06 Susceptible  
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## 648 >8 Resistant 0.25 Susceptible  
## 649 >8 Resistant 2 Susceptible  
## 650 >8 Resistant 1 Susceptible  
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## 652 >8 Resistant 0.25 Susceptible  
## 653 >8 Resistant 0.12 Susceptible  
## 654 >8 Resistant <=0.015 Susceptible  
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## 656 >8 Resistant 0.12 Susceptible  
## 657 >8 Resistant 0.12 Susceptible  
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## 663 >8 Resistant 2 Susceptible  
## 664 >8 Resistant 0.25 Susceptible  
## 665 >8 Resistant 4 Susceptible  
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## 672 >8 Resistant 0.5 Susceptible  
## 673 >8 Resistant >128 Resistant  
## 674 >8 Resistant 0.25 Susceptible  
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## 676 >8 Resistant 2 Susceptible  
## 677 >8 Resistant 1 Susceptible  
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## 681 >8 Resistant >128 Resistant  
## 682 >8 Resistant 0.5 Susceptible  
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## 684 >8 Resistant 0.12 Susceptible  
## 685 >8 Resistant 0.25 Susceptible  
## 686 >8 Resistant 0.06 Susceptible  
## 687 >8 Resistant 0.25 Susceptible  
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## 728 >8 Resistant >128 Resistant  
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## 735 >8 Resistant 1 Susceptible  
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## 756 8 Resistant 0.25 Susceptible  
## 757 >8 Resistant 0.5 Susceptible  
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## 759 >8 Resistant 0.25 Susceptible  
## 760 >8 Resistant 0.12 Susceptible  
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## 787 >8 Resistant 0.25 Susceptible  
## 788 >8 Resistant 0.25 Susceptible  
## 789 >8 Resistant 0.12 Susceptible  
## 790 >8 Resistant 1 Susceptible  
## 791 >8 Resistant 0.5 Susceptible  
## 792 >8 Resistant 0.12 Susceptible  
## 793 >8 Resistant 0.25 Susceptible  
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## 795 >8 Resistant >128 Resistant  
## 796 >8 16 Resistant  
## 797 >8 64 Resistant  
## 798 >8 64 Resistant  
## 799 >8 32 Resistant  
## 800 >8 128 Resistant  
## 801 >8 32 Resistant  
## 802 >8 32 Resistant  
## 803 >8 Resistant 0.25 Susceptible  
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## 805 >8 Resistant 0.5 Susceptible  
## 806 >8 Resistant 1 Susceptible  
## 807 >8 Resistant 0.25 Susceptible  
## 808 >8 Resistant 0.25 Susceptible  
## 809 >8 Resistant 0.12 Susceptible  
## 810 >8 Resistant 0.12 Susceptible  
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## 823 >8 Resistant 0.12 Susceptible  
## 824 >8 Resistant >128 Resistant  
## 825 >8 Resistant 0.5 Susceptible  
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## 827 >8 Resistant >128 Resistant  
## 828 >8 Resistant 0.5000 Susceptible  
## 829 >8 Resistant 0.1200 Susceptible  
## 830 >8 Resistant 0.1200 Susceptible  
## 831 >8 Resistant 0.1200 Susceptible  
## 832 >8 Resistant 0.0600 Susceptible  
## 833 >8 Resistant 0.2500 Susceptible  
## 834 >8 Resistant 0.1200 Susceptible  
## 835 >8 Resistant 0.1200 Susceptible  
## 836 >8 Resistant 0.1200 Susceptible  
## 837 >8 Resistant 0.1200 Susceptible  
## 838 >8 Resistant 1.0000 Susceptible  
## 839 >8 Resistant 0.0600 Susceptible  
## 840 >8 Resistant 0.1200 Susceptible  
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## 845 >8 Resistant 0.5000 Susceptible  
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## 847 >8 Resistant 0.1200 Susceptible  
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## 853 >8 Resistant 0.2500 Susceptible  
## 854 >8 Resistant 0.5000 Susceptible  
## 855 >8 Resistant 0.1200 Susceptible  
## 856 >8 Resistant >128 Resistant  
## 857 >8 Resistant 0.2500 Susceptible  
## 858 >8 Resistant 0.2500 Susceptible  
## 859 >8 Resistant 0.2500 Susceptible  
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## 862 >8 Resistant 0.2500 Susceptible  
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## 864 >8 Resistant 0.1200 Susceptible  
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## 866 >8 Resistant 0.1200 Susceptible  
## 867 >8 Resistant 2.0000 Susceptible  
## 868 >8 Resistant 0.5000 Susceptible  
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## 877 >8 Resistant 0.1200 Susceptible  
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## 885 >8 Resistant 0.1200 Susceptible  
## 886 >8 Resistant 0.0600 Susceptible  
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## 893 >8 Resistant 0.2500 Susceptible  
## 894 >8 Resistant >128 Resistant  
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## 898 >8 Resistant >128 Resistant  
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## 902 >8 Resistant 0.5000 Susceptible  
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## 904 >8 Resistant 0.2500 Susceptible  
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## 907 >8 Resistant 0.2500 Susceptible  
## 908 >8 Resistant 0.1200 Susceptible  
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## 910 >8 Resistant 1.0000 Susceptible  
## 911 >8 Resistant 0.5000 Susceptible  
## 912 >8 Resistant 0.5000 Susceptible  
## 913 >8 Resistant 0.1200 Susceptible  
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## 917 >8 Resistant 0.2500 Susceptible  
## 918 >8 Resistant 1.0000 Susceptible  
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## 921 >8 Resistant 1.0000 Susceptible  
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## 923 >8 Resistant 0.1200 Susceptible  
## 924 >8 Resistant 0.2500 Susceptible  
## 925 >8 Resistant 0.0600 Susceptible  
## 926 >8 Resistant 0.1200 Susceptible  
## 927 8.0000 Resistant 0.1200 Susceptible  
## 928 >8 Resistant 0.2500 Susceptible  
## 929 >8 Resistant 1.0000 Susceptible  
## 930 >8 Resistant 0.2500 Susceptible  
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## 935 >8 Resistant 1.0000 Susceptible  
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## 937 >8 Resistant 0.2500 Susceptible  
## 938 >8 Resistant 0.1200 Susceptible  
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## 943 >8 Resistant 0.2500 Susceptible  
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## 945 >8 Resistant 0.1200 Susceptible  
## 946 >8 Resistant 0.1200 Susceptible  
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## 952 >8 Resistant 0.2500 Susceptible  
## 953 >8 Resistant 0.2500 Susceptible  
## 954 >8 Resistant 0.2500 Susceptible  
## 955 >8 Resistant 0.0600 Susceptible  
## 956 >8 Resistant 0.1200 Susceptible  
## 957 >8 Resistant 0.2500 Susceptible  
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## 959 >8 Resistant 0.1200 Susceptible  
## 960 >8 Resistant >128 Resistant  
## 961 >8 Resistant 0.0600 Susceptible  
## 962 >8 Resistant 0.1200 Susceptible  
## 963 >8 Resistant 0.1200 Susceptible  
## 964 >8 Resistant 0.1200 Susceptible  
## 965 >8 Resistant >128 Resistant  
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## 968 >8 Resistant 2.0000 Susceptible  
## 969 >8 Resistant 0.2500 Susceptible  
## 970 >8 Resistant >128 Resistant  
## 971 >8 Resistant 0.5000 Susceptible  
## 972 >8 Resistant >128 Resistant  
## 973 >8 Resistant >128 Resistant  
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## 975 >8 Resistant 0.5000 Susceptible  
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## 979 >8 Resistant 0.5000 Susceptible  
## 980 8.0000 Resistant 0.2500 Susceptible  
## 981 >8 Resistant 0.5000 Susceptible  
## 982 >8 Resistant 0.1200 Susceptible  
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## 984 >8 Resistant 0.5000 Susceptible  
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## 986 >8 Resistant 0.2500 Susceptible  
## 987 >8 Resistant 0.1200 Susceptible  
## 988 >8 Resistant 0.2500 Susceptible  
## 989 >8 Resistant 0.1200 Susceptible  
## 990 >8 Resistant 0.2500 Susceptible  
## 991 >8 Resistant 0.2500 Susceptible  
## 992 >8 Resistant 0.5000 Susceptible  
## 993 >8 Resistant >128 Resistant  
## 994 >8 Resistant 0.1200 Susceptible  
## 995 >8 Resistant >128 Resistant  
## 996 >8 Resistant 0.5000 Susceptible  
## 997 >8 Resistant 0.2500 Susceptible  
## 998 >8 Resistant 0.0600 Susceptible  
## 999 >8 Resistant 0.0600 Susceptible  
## 1000 >8 Resistant 0.1200 Susceptible  
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## 1002 >8 Resistant 0.1200 Susceptible  
## 1003 >8 Resistant 0.5000 Susceptible  
## 1004 >8 Resistant 0.2500 Susceptible  
## 1005 >8 Resistant 0.2500 Susceptible  
## 1006 >8 Resistant 0.5000 Susceptible  
## 1007 1.0000 Intermediate 0.2500 Susceptible  
## 1008 >8 Resistant 0.5000 Susceptible  
## 1009 >8 Resistant 0.1200 Susceptible  
## 1010 >8 Resistant 0.2500 Susceptible  
## 1011 >8 Resistant 0.2500 Susceptible  
## 1012 >8 Resistant 0.1200 Susceptible  
## 1013 >8 Resistant 0.2500 Susceptible  
## 1014 >8 Resistant 0.5000 Susceptible  
## 1015 >8 Resistant 0.1200 Susceptible  
## 1016 >8 Resistant 2.0000 Susceptible  
## 1017 >8 Resistant 128.0000 Resistant  
## 1018 >8 Resistant 0.2500 Susceptible  
## 1019 >8 Resistant 0.5000 Susceptible  
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## 1021 >8 Resistant 0.1200 Susceptible  
## 1022 >8 Resistant <=0.015 Susceptible  
## 1023 >8 Resistant 0.1200 Susceptible  
## 1024 >8 Resistant 0.0600 Susceptible  
## 1025 >8 Resistant 0.1200 Susceptible  
## 1026 >8 Resistant 0.2500 Susceptible  
## 1027 >8 Resistant 0.5000 Susceptible  
## 1028 >8 Resistant 2.0000 Susceptible  
## 1029 >8 Resistant >128 Resistant  
## 1030 >8 Resistant 0.1200 Susceptible  
## 1031 >8 Resistant >128 Resistant  
## 1032 >8 Resistant 0.5000 Susceptible  
## 1033 >8 Resistant 0.1200 Susceptible  
## 1034 >8 Resistant 0.0600 Susceptible  
## 1035 >8 Resistant 0.1200 Susceptible  
## 1036 >8 Resistant >128 Resistant  
## 1037 >8 Resistant >128 Resistant  
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## 1039 >8 Resistant 0.2500 Susceptible  
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## 1045 >8 Resistant 0.0300 Susceptible  
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## 1052 >8 Resistant 0.2500 Susceptible  
## 1053 >8 Resistant 1.0000 Susceptible  
## 1054 >8 Resistant 0.1200 Susceptible  
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## 1056 >8 Resistant 0.0300 Susceptible  
## 1057 8.0000 Resistant 0.1200 Susceptible  
## 1058 >8 Resistant 0.1200 Susceptible  
## 1059 >8 Resistant 0.2500 Susceptible  
## 1060 >8 Resistant 0.1200 Susceptible  
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## 1062 >8 Resistant 0.1200 Susceptible  
## 1063 >8 Resistant 0.1200 Susceptible  
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## 1065 >8 Resistant 1.0000 Susceptible  
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## 1068 >8 Resistant 0.2500 Susceptible  
## 1069 >8 Resistant >128 Resistant  
## 1070 >8 Resistant 0.2500 Susceptible  
## 1071 >8 Resistant 4.0000 Susceptible  
## 1072 >8 Resistant 0.2500 Susceptible  
## 1073 >8 Resistant 0.1200 Susceptible  
## 1074 >8 >128 Resistant  
## 1075 >8 >128 Resistant  
## 1076 >8 Resistant 0.1200 Susceptible  
## 1077 >8 16.0000 Resistant  
## 1078 >8 Resistant 0.1200 Susceptible  
## 1079 >8 8.0000 Susceptible  
## 1080 >8 Resistant 0.2500 Susceptible  
## 1081 >8 Resistant 0.5000 Susceptible  
## 1082 8.0000 Resistant 0.1200 Susceptible  
## 1083 >8 Resistant >128 Resistant  
## 1084 >8 Resistant 2.0000 Susceptible  
## 1085 >8 Resistant >128 Resistant  
## 1086 >8 Resistant 0.2500 Susceptible  
## 1087 >8 Resistant 0.0600 Susceptible  
## 1088 >8 Resistant 0.0600 Susceptible  
## 1089 >8 Resistant 1.0000 Susceptible  
## 1090 >8 Resistant 0.2500 Susceptible  
## 1091 >8 Resistant 0.1200 Susceptible  
## 1092 >8 Resistant 0.0600 Susceptible  
## 1093 >8 Resistant 0.2500 Susceptible  
## 1094 >8 Resistant 0.1200 Susceptible  
## 1095 >8 Resistant 0.1200 Susceptible  
## 1096 >8 Resistant >128 Resistant  
## 1097 >8 Resistant 0.5000 Susceptible  
## 1098 >8 Resistant 0.5000 Susceptible  
## 1099 >8 Resistant 0.1200 Susceptible  
## 1100 >8 Resistant >128 Resistant  
## 1101 >8 Resistant >128 Resistant  
## 1102 >8 Resistant 0.2500 Susceptible  
## 1103 >8 Resistant 0.1200 Susceptible  
## 1104 >8 Resistant >128 Resistant  
## 1105 >8 Resistant 0.5000 Susceptible  
## 1106 >8 Resistant 0.1200 Susceptible  
## 1107 >8 Resistant 0.1200 Susceptible  
## 1108 >8 Resistant 0.1200 Susceptible  
## 1109 >8 Resistant >128 Resistant  
## 1110 >8 Resistant 0.5000 Susceptible  
## 1111 >8 Resistant 0.1200 Susceptible  
## 1112 >8 Resistant 0.2500 Susceptible  
## 1113 >8 Resistant 0.5000 Susceptible  
## 1114 >8 Resistant 0.1200 Susceptible  
## 1115 >8 Resistant 0.5000 Susceptible  
## 1116 >8 Resistant 0.2500 Susceptible  
## 1117 >8 Resistant >128 Resistant  
## 1118 >8 Resistant 0.1200 Susceptible  
## 1119 >8 Resistant 0.1200 Susceptible  
## 1120 >8 Resistant >128 Resistant  
## 1121 >8 Resistant 0.2500 Susceptible  
## 1122 >8 32.0000 Resistant  
## 1123 >8 32.0000 Resistant  
## 1124 >8 64.0000 Resistant  
## 1125 >8 Resistant 0.1200 Susceptible  
## 1126 >4 Resistant >64 Resistant  
## 1127 >4 Resistant 0.1200 Susceptible  
## 1128 >4 Resistant 1.0000 Susceptible  
## 1129 >4 Resistant 0.5000 Susceptible  
## 1130 >4 Resistant >64 Resistant  
## 1131 >4 Resistant >64 Resistant  
## 1132 >4 32.0000 Resistant  
## 1133 >4 Resistant >64 Resistant  
## 1134 >4 Resistant 0.2500 Susceptible  
## 1135 >4 Resistant 0.2500 Susceptible  
## 1136 >4 Resistant >64 Resistant  
## 1137 >4 Resistant 1.0000 Susceptible  
## 1138 >4 Resistant 0.1200 Susceptible  
## 1139 >4 Resistant 0.2500 Susceptible  
## 1140 >4 Resistant 0.0600 Susceptible  
## 1141 >4 16.0000 Resistant  
## 1142 >4 Resistant 0.2500 Susceptible  
## 1143 >8 Resistant 0.1200 Susceptible  
## 1144 >8 Resistant 0.1200 Susceptible  
## 1145 >8 Resistant 0.0600 Susceptible  
## 1146 >8 Resistant 0.0600 Susceptible  
## 1147 >8 Resistant 0.2500 Susceptible  
## 1148 >8 Resistant 0.0600 Susceptible  
## 1149 >8 Resistant 0.1200 Susceptible  
## Ciprofloxacin Ciprofloxacin\_I Colistin Colistin\_I Doripenem Doripenem\_I Ertapenem  
## 1 0.03 Susceptible 0.06  
## 2 0.03 Susceptible 0.06  
## 3 0.03 Susceptible 0.06  
## 4 0.03 Susceptible 0.25  
## 5 0.03 Susceptible 0.12  
## 6 0.03 Susceptible 0.5  
## 7 0.03 Susceptible 0.25  
## 8 1 Susceptible >1  
## 9 0.03 Susceptible 0.25  
## 10 0.06 Susceptible 0.06  
## 11 0.03 Susceptible 0.06  
## 12 0.03 Susceptible 0.06  
## 13 0.06 Susceptible 0.12  
## 14 0.03 Susceptible 0.5  
## 15 0.03 Susceptible 0.06  
## 16 0.03 Susceptible 1  
## 17 0.06 Susceptible 0.12  
## 18 0.03 Susceptible 0.25  
## 19 0.03 Susceptible 0.25  
## 20 0.03 Susceptible 0.12  
## 21 0.03 Susceptible 0.12  
## 22 0.06 Susceptible 0.12  
## 23 0.06 Susceptible 0.25  
## 24 0.12 Susceptible 0.06  
## 25 0.06 Susceptible 0.06  
## 26 0.06 Susceptible 0.06  
## 27 >4 Resistant >1  
## 28 >4 Resistant >1  
## 29 0.5 Susceptible 0.03  
## 30 0.25 Susceptible 0.03  
## 31 0.12 Susceptible 1  
## 32 0.06 Susceptible 0.25  
## 33 0.12 Susceptible 1  
## 34 0.06 Susceptible 0.25  
## 35 0.03 Susceptible 0.12  
## 36 >4 Resistant >1  
## 37 0.25 Susceptible 0.5  
## 38 0.06 Susceptible 0.12  
## 39 0.06 Susceptible 0.12  
## 40 0.03 Susceptible 0.12  
## 41 0.06 Susceptible 0.12  
## 42 0.03 Susceptible 0.12  
## 43 >4 Resistant >1  
## 44 0.12 Susceptible 0.25  
## 45 4 Resistant >1  
## 46 0.03 Susceptible 0.12  
## 47 0.06 Susceptible 0.25  
## 48 0.06 Susceptible 0.5  
## 49 0.06 Susceptible 0.06  
## 50 0.03 Susceptible 0.06  
## 51 0.03 Susceptible 0.06  
## 52 0.06 Susceptible 0.06  
## 53 0.25 Susceptible 0.06  
## 54 0.12 Susceptible 1  
## 55 0.06 Susceptible 0.06  
## 56 0.03 Susceptible 0.12  
## 57 0.03 Susceptible 0.06  
## 58 0.03 Susceptible 0.12  
## 59 0.06 Susceptible 0.25  
## 60 0.03 Susceptible 0.12  
## 61 0.12 Susceptible 1  
## 62 0.03 Susceptible 0.5  
## 63 0.03 Susceptible 0.12  
## 64 0.06 Susceptible 0.06  
## 65 0.03 Susceptible 0.12  
## 66 0.03 Susceptible 0.03  
## 67 0.06 Susceptible 0.5  
## 68 0.06 Susceptible 1  
## 69 0.03 Susceptible 0.06  
## 70 0.03 Susceptible 0.06  
## 71 0.06 Susceptible 0.12  
## 72 0.03 Susceptible 0.06  
## 73 0.03 Susceptible 0.06  
## 74 0.03 Susceptible 0.5  
## 75 0.12 Susceptible 1  
## 76 0.06 Susceptible 0.25  
## 77 0.06 Susceptible 0.03  
## 78 >4 Resistant >1  
## 79 >4 Resistant >1  
## 80 0.12 Susceptible 0.06  
## 81 >4 Resistant >1  
## 82 0.12 Susceptible 1  
## 83 0.12 Susceptible 1  
## 84 0.03 Susceptible 0.5  
## 85 0.06 Susceptible 0.06  
## 86 0.06 Susceptible 0.12  
## 87 0.06 Susceptible 0.12  
## 88 0.12 Susceptible 0.5  
## 89 0.06 Susceptible 0.06  
## 90 0.03 Susceptible 1  
## 91 0.03 Susceptible 0.06  
## 92 0.12 Susceptible 1  
## 93 0.03 Susceptible 0.12  
## 94 0.03 Susceptible 0.12  
## 95 0.06 Susceptible 0.25  
## 96 0.5 Intermediate 0.03 Susceptible   
## 97 1 Intermediate 0.06 Susceptible   
## 98 0.5 Intermediate 2 Intermediate   
## 99 1 Intermediate 0.25 Susceptible   
## 100 1 Intermediate 0.03 Susceptible   
## 101 1 Intermediate 0.06 Susceptible   
## 102 1 Intermediate 0.06 Susceptible   
## 103 1 Intermediate 0.06 Susceptible   
## 104 0.5 Intermediate 0.06 Susceptible   
## 105 1 Intermediate 0.06 Susceptible   
## 106 1 Intermediate 0.03 Susceptible   
## 107 1 Intermediate 0.06 Susceptible   
## 108 0.5 Intermediate 0.06 Susceptible   
## 109 1 Intermediate 0.12 Susceptible   
## 110 1 Intermediate 0.06 Susceptible   
## 111 0.5 Intermediate 0.06 Susceptible   
## 112 0.5 Intermediate 0.06 Susceptible   
## 113 0.5 Intermediate 0.06 Susceptible   
## 114 1 Intermediate 0.03 Susceptible   
## 115 2 Intermediate 0.06 Susceptible   
## 116 1 Intermediate 0.03 Susceptible   
## 117 1 Intermediate 0.25 Susceptible   
## 118 1 Intermediate 0.06 Susceptible   
## 119 1 Intermediate 0.06 Susceptible   
## 120 2 Intermediate 0.12 Susceptible   
## 121 1 Intermediate 0.06 Susceptible   
## 122 2 Intermediate 0.06 Susceptible   
## 123 1 Intermediate 0.25 Susceptible   
## 124 1 Intermediate 0.12 Susceptible   
## 125 0.5 Intermediate 0.12 Susceptible   
## 126 0.5 Intermediate 0.06 Susceptible   
## 127 >4 Resistant 0.25 Susceptible   
## 128 0.5 Intermediate >4 Resistant   
## 129 >4 Resistant 0.5 Susceptible   
## 130 1 Intermediate 0.06 Susceptible   
## 131 1 Intermediate 0.06 Susceptible   
## 132 1 Intermediate 0.06 Susceptible   
## 133 0.5 Intermediate 0.03 Susceptible   
## 134 0.5 Intermediate 0.03 Susceptible   
## 135 0.5 Intermediate 0.06 Susceptible   
## 136 2 Intermediate 0.06 Susceptible   
## 137 0.5 Intermediate 0.03 Susceptible   
## 138 0.5 Intermediate 0.03 Susceptible   
## 139 1 Intermediate 0.06 Susceptible   
## 140 1 Intermediate 0.06 Susceptible   
## 141 >4 Resistant 0.5 Susceptible   
## 142 2 Intermediate 0.06 Susceptible   
## 143 1 Intermediate 0.06 Susceptible   
## 144 2 Intermediate 0.12 Susceptible   
## 145 1 Intermediate 0.5 Susceptible   
## 146 1 Intermediate 0.06 Susceptible   
## 147 0.5 Intermediate 0.06 Susceptible   
## 148 0.5 Intermediate 0.06 Susceptible   
## 149 1 Intermediate 0.06 Susceptible   
## 150 0.5 Intermediate 0.03 Susceptible   
## 151 1 Intermediate 0.06 Susceptible   
## 152 0.5 Intermediate 0.12 Susceptible   
## 153 0.5 Intermediate 0.06 Susceptible   
## 154 1 Intermediate 0.03 Susceptible   
## 155 0.5 Intermediate 0.03 Susceptible   
## 156 0.5 Intermediate 0.03 Susceptible   
## 157 0.25 Intermediate 0.25 Susceptible   
## 158 0.25 Intermediate 0.06 Susceptible   
## 159 0.25 Intermediate 0.03 Susceptible   
## 160 0.25 Intermediate 0.03 Susceptible   
## 161 0.25 Intermediate 0.03 Susceptible   
## 162 2 Intermediate 0.12 Susceptible   
## 163 0.25 Intermediate 0.06 Susceptible   
## 164 0.5 Intermediate 0.06 Susceptible   
## 165 0.5 Intermediate 0.12 Susceptible   
## 166 0.5 Intermediate 0.06 Susceptible   
## 167 0.5 Intermediate >4 Resistant   
## 168 0.5 Intermediate 0.06 Susceptible   
## 169 0.5 Intermediate 0.06 Susceptible   
## 170 0.5 Intermediate 0.03 Susceptible   
## 171 0.5 Intermediate >4 Resistant   
## 172 0.5 Intermediate >4 Resistant   
## 173 0.5 Intermediate 0.06 Susceptible   
## 174 0.5 Intermediate >4 Resistant   
## 175 0.5 Intermediate 0.12 Susceptible   
## 176 0.5 Intermediate 0.06 Susceptible   
## 177 0.5 Intermediate 0.03 Susceptible   
## 178 0.5 Intermediate 0.12 Susceptible   
## 179 0.5 Intermediate 0.12 Susceptible   
## 180 0.25 Intermediate 0.06 Susceptible   
## 181 0.5 Intermediate 0.03 Susceptible   
## 182 0.5 Intermediate 0.12 Susceptible   
## 183 0.25 Intermediate 0.06 Susceptible   
## 184 2 Intermediate >4 Resistant   
## 185 2 Intermediate >4 Resistant   
## 186 0.5 Intermediate >4 Resistant   
## 187 0.5 Intermediate >4 Resistant   
## 188 1 Intermediate 0.12 Susceptible   
## 189 1 Intermediate 0.06 Susceptible   
## 190 1 Intermediate 0.06 Susceptible   
## 191 >4 Resistant 0.12 Susceptible   
## 192 0.5 Intermediate 0.06 Susceptible   
## 193 1 Intermediate 0.03 Susceptible   
## 194 0.5 Intermediate 0.06 Susceptible   
## 195 0.5 Intermediate 0.06 Susceptible   
## 196 0.5 Intermediate 0.06 Susceptible   
## 197 0.5 Intermediate 0.06 Susceptible   
## 198 0.5 Intermediate 0.06 Susceptible   
## 199 1 Intermediate 0.06 Susceptible   
## 200 1 Intermediate 0.06 Susceptible   
## 201 1 Intermediate 0.06 Susceptible   
## 202 4 Resistant 0.06 Susceptible   
## 203 1 Intermediate 0.06 Susceptible   
## 204 2 Intermediate >4 Resistant   
## 205 >4 Resistant 0.12 Susceptible   
## 206 2 Intermediate 0.06 Susceptible   
## 207 0.5 Intermediate 0.06 Susceptible   
## 208 1 Intermediate 0.03 Susceptible   
## 209 1 Intermediate 0.06 Susceptible   
## 210 1 Intermediate 0.03 Susceptible   
## 211 0.5 Intermediate 0.06 Susceptible   
## 212 0.5 Intermediate 0.06 Susceptible   
## 213 0.5 Intermediate 0.06 Susceptible   
## 214 0.5 Intermediate 0.06 Susceptible   
## 215 >4 Resistant 1 Susceptible   
## 216 0.5 Intermediate 0.06 Susceptible   
## 217 0.5 Intermediate 4 Resistant   
## 218 >4 Resistant 0.12 Susceptible   
## 219 0.5 Intermediate 0.06 Susceptible   
## 220 0.5 Intermediate 0.06 Susceptible   
## 221 0.5 Intermediate 0.12 Susceptible   
## 222 0.5 Intermediate 0.06 Susceptible   
## 223 0.5 Intermediate 0.06 Susceptible   
## 224 0.5 Intermediate 0.06 Susceptible   
## 225 1 Intermediate 0.06 Susceptible   
## 226 1 Intermediate 0.06 Susceptible   
## 227 0.5 Intermediate 0.06 Susceptible   
## 228 0.5 Intermediate 0.06 Susceptible   
## 229 1 Intermediate >4 Resistant   
## 230 0.5 Intermediate 0.06 Susceptible   
## 231 >4 Resistant >4 Resistant   
## 232 0.5 Intermediate 0.06 Susceptible   
## 233 0.5 Intermediate 0.06 Susceptible   
## 234 1 Intermediate 0.06 Susceptible   
## 235 0.5 Intermediate 0.06 Susceptible   
## 236 0.5 Intermediate 0.06 Susceptible   
## 237 0.5 Intermediate 0.06 Susceptible   
## 238 0.5 Intermediate 0.06 Susceptible   
## 239 4 Resistant 0.06 Susceptible   
## 240 0.5 Intermediate 0.06 Susceptible   
## 241 1 Intermediate 0.03 Susceptible   
## 242 0.5 Intermediate 0.06 Susceptible   
## 243 0.5 Intermediate 0.06 Susceptible   
## 244 0.5 Intermediate 0.03 Susceptible   
## 245 1 Intermediate 0.06 Susceptible   
## 246 1 Intermediate 0.12 Susceptible   
## 247 1 Intermediate >4 Resistant   
## 248 1 Intermediate 0.03 Susceptible   
## 249 >4 Resistant 0.25 Susceptible   
## 250 >4 Resistant 0.12 Susceptible   
## 251 1 Intermediate 0.06 Susceptible   
## 252 1 Intermediate 0.03 Susceptible   
## 253 1 Intermediate 0.06 Susceptible   
## 254 1 Intermediate 0.06 Susceptible   
## 255 1 Intermediate 0.06 Susceptible   
## 256 1 Intermediate 0.12 Susceptible   
## 257 1 Intermediate >4 Resistant   
## 258 0.5 Intermediate 0.03 Susceptible   
## 259 1 Intermediate 0.03 Susceptible   
## 260 >4 Resistant 0.5 Susceptible   
## 261 >4 Resistant 4 Resistant   
## 262 1 Intermediate 0.03 Susceptible   
## 263 >4 Resistant 0.25 Susceptible   
## 264 1 Intermediate 0.06 Susceptible   
## 265 1 Intermediate 0.06 Susceptible   
## 266 0.5 Intermediate 0.06 Susceptible   
## 267 1 Intermediate 0.12 Susceptible   
## 268 >4 Resistant 0.06 Susceptible   
## 269 1 Intermediate >4 Resistant   
## 270 1 Intermediate 0.06 Susceptible   
## 271 2 Intermediate 0.03 Susceptible   
## 272 1 Intermediate >4 Resistant   
## 273 1 Intermediate 0.06 Susceptible   
## 274 0.5 Intermediate 0.03 Susceptible   
## 275 1 Intermediate >4 Resistant   
## 276 1 Intermediate 0.06 Susceptible   
## 277 1 Intermediate 0.06 Susceptible   
## 278 1 Intermediate 0.06 Susceptible   
## 279 1 Intermediate 0.06 Susceptible   
## 280 1 Intermediate 0.06 Susceptible   
## 281 1 Intermediate 0.06 Susceptible   
## 282 1 Intermediate 0.12 Susceptible   
## 283 1 Intermediate 0.06 Susceptible   
## 284 2 Intermediate 0.06 Susceptible   
## 285 1 Intermediate 0.06 Susceptible   
## 286 1 Intermediate 0.06 Susceptible   
## 287 1 Intermediate 0.06 Susceptible   
## 288 1 Intermediate 0.5 Susceptible   
## 289 1 Intermediate 0.03 Susceptible   
## 290 1 Intermediate 0.12 Susceptible   
## 291 1 Intermediate 0.12 Susceptible   
## 292 1 Intermediate 0.06 Susceptible   
## 293 1 Intermediate 0.03 Susceptible   
## 294 1 Intermediate 0.06 Susceptible   
## 295 1 Intermediate 0.03 Susceptible   
## 296 1 Intermediate 0.06 Susceptible   
## 297 1 Intermediate 0.03 Susceptible   
## 298 1 Intermediate 0.03 Susceptible   
## 299 1 Intermediate 0.06 Susceptible   
## 300 1 Intermediate 0.06 Susceptible   
## 301 1 Intermediate 0.03 Susceptible   
## 302 1 Intermediate 0.06 Susceptible   
## 303 1 Intermediate 0.12 Susceptible   
## 304 2 Intermediate >4 Resistant   
## 305   
## 306 0.25 Intermediate 0.06 Susceptible   
## 307 0.5 Intermediate 0.06 Susceptible   
## 308 0.5 Intermediate 0.06 Susceptible   
## 309 0.5 Intermediate 0.03 Susceptible   
## 310 0.5 Intermediate 0.06 Susceptible   
## 311 1 Intermediate 0.06 Susceptible   
## 312 1 Intermediate 0.06 Susceptible   
## 313 0.25 Intermediate 0.03 Susceptible   
## 314 0.25 Intermediate 0.25 Susceptible   
## 315 1 Intermediate 0.06 Susceptible   
## 316 1 Intermediate 1 Susceptible   
## 317 0.5 Intermediate 0.12 Susceptible   
## 318 0.5 Intermediate 0.06 Susceptible   
## 319 0.25 Intermediate >8 Resistant   
## 320 0.5 Intermediate 8 Resistant   
## 321 0.5 Intermediate >8 Resistant   
## 322 1 Intermediate 0.06 Susceptible   
## 323 0.5 Intermediate 0.03 Susceptible   
## 324 0.5 Intermediate 0.06 Susceptible   
## 325 0.5 Intermediate 0.03 Susceptible   
## 326 0.25 Intermediate 0.06 Susceptible   
## 327 0.5 Intermediate 0.03 Susceptible   
## 328 0.5 Intermediate 0.03 Susceptible   
## 329 0.5 Intermediate 0.06 Susceptible   
## 330 0.5 Intermediate 0.03 Susceptible   
## 331 0.5 Intermediate 0.03 Susceptible   
## 332 0.25 Intermediate 0.03 Susceptible   
## 333 1 Intermediate 0.06 Susceptible   
## 334 0.5 Intermediate 0.06 Susceptible   
## 335 1 Intermediate 0.06 Susceptible   
## 336 0.5 Intermediate 0.06 Susceptible   
## 337 0.5 Intermediate 0.25 Susceptible   
## 338 0.5 Intermediate 0.06 Susceptible   
## 339 0.5 Intermediate 0.06 Susceptible   
## 340 0.5 Intermediate 0.06 Susceptible   
## 341 0.5 Intermediate 0.06 Susceptible   
## 342 0.5 Intermediate 0.06 Susceptible   
## 343 0.5 Intermediate 0.06 Susceptible   
## 344 0.25 Intermediate >8 Resistant   
## 345 0.25 Intermediate 0.06 Susceptible   
## 346 0.25 Intermediate 0.06 Susceptible   
## 347 0.25 Intermediate 0.06 Susceptible   
## 348 0.5 Intermediate 0.06 Susceptible   
## 349 0.25 Intermediate 0.06 Susceptible   
## 350 0.25 Intermediate 0.06 Susceptible   
## 351 0.25 Intermediate 0.06 Susceptible   
## 352 0.5 Intermediate 0.06 Susceptible   
## 353 0.25 Intermediate 2 Intermediate   
## 354 0.25 Intermediate 0.06 Susceptible   
## 355 0.5 Intermediate 0.06 Susceptible   
## 356 0.25 Intermediate 0.06 Susceptible   
## 357 0.25 Intermediate 0.12 Susceptible   
## 358 1 Intermediate 0.12 Susceptible   
## 359 >8 Resistant 0.06 Susceptible   
## 360 0.25 Intermediate 0.06 Susceptible   
## 361 0.5 Intermediate 0.06 Susceptible   
## 362 0.5 Intermediate 0.06 Susceptible   
## 363 0.25 Intermediate 0.12 Susceptible   
## 364 0.25 Intermediate 0.06 Susceptible   
## 365 0.25 Intermediate 0.06 Susceptible   
## 366 0.25 Intermediate 0.12 Susceptible   
## 367 0.25 Intermediate 0.06 Susceptible   
## 368 0.25 Intermediate 0.06 Susceptible   
## 369 0.25 Intermediate 0.12 Susceptible   
## 370 0.25 Intermediate 0.12 Susceptible   
## 371 0.25 Intermediate 0.12 Susceptible   
## 372 0.5 Intermediate 0.12 Susceptible   
## 373 0.25 Intermediate 0.06 Susceptible   
## 374 0.25 Intermediate 0.06 Susceptible   
## 375 0.25 Intermediate 0.06 Susceptible   
## 376 0.5 Intermediate 0.12 Susceptible   
## 377 0.5 Intermediate 0.12 Susceptible   
## 378 0.25 Intermediate 0.12 Susceptible   
## 379 0.25 Intermediate 0.06 Susceptible   
## 380 0.25 Intermediate 0.06 Susceptible   
## 381 0.25 Intermediate 0.03 Susceptible   
## 382 0.25 Intermediate 0.06 Susceptible   
## 383 0.25 Intermediate 0.03 Susceptible   
## 384 0.25 Intermediate 0.03 Susceptible   
## 385 0.25 Intermediate 0.06 Susceptible   
## 386 0.12 Intermediate 0.03 Susceptible   
## 387 0.12 Intermediate 0.03 Susceptible   
## 388 0.25 Intermediate 0.06 Susceptible   
## 389 0.25 Intermediate 4 Resistant   
## 390 0.25 Intermediate 0.06 Susceptible   
## 391 0.25 Intermediate 0.06 Susceptible   
## 392 0.25 Intermediate 0.5 Susceptible   
## 393 2 Intermediate 0.25 Susceptible   
## 394 0.25 Intermediate 0.12 Susceptible   
## 395 2 Intermediate 1 Susceptible   
## 396 0.25 Intermediate 2 Intermediate   
## 397 0.25 Intermediate 0.12 Susceptible   
## 398 0.5 Intermediate 1 Susceptible   
## 399 0.5 Intermediate 0.12 Susceptible   
## 400 0.25 Intermediate 0.12 Susceptible   
## 401 0.25 Intermediate 0.12 Susceptible   
## 402 0.25 Intermediate 0.12 Susceptible   
## 403 0.25 Intermediate 0.12 Susceptible   
## 404 0.25 Intermediate 0.06 Susceptible   
## 405 0.25 Intermediate 4 Resistant   
## 406 0.5 Intermediate 0.5 Susceptible   
## 407 0.5 Intermediate 1 Susceptible   
## 408 0.5 Intermediate 0.06 Susceptible   
## 409 0.25 Intermediate 0.06 Susceptible   
## 410 0.5 Intermediate 0.12 Susceptible   
## 411 0.25 Intermediate 0.06 Susceptible   
## 412 0.25 Intermediate 8 Resistant   
## 413 >8 Resistant 0.25 Susceptible   
## 414 >8 Resistant 0.12 Susceptible   
## 415 0.12 Intermediate 0.03 Susceptible   
## 416 1 Intermediate 0.5 Susceptible   
## 417 0.5 Intermediate 0.12 Susceptible   
## 418 0.25 Intermediate 0.06 Susceptible   
## 419 0.5 Intermediate 0.06 Susceptible   
## 420 0.25 Intermediate 0.06 Susceptible   
## 421 0.5 Intermediate 0.25 Susceptible   
## 422 0.12 Intermediate 0.03 Susceptible   
## 423 0.25 Intermediate 0.03 Susceptible   
## 424 0.25 Intermediate 0.25 Susceptible   
## 425 0.12 Intermediate 0.06 Susceptible   
## 426 0.5 Intermediate 0.06 Susceptible   
## 427 0.5 Intermediate 0.06 Susceptible   
## 428 0.25 Intermediate 1 Susceptible   
## 429 0.25 Intermediate 0.06 Susceptible   
## 430 0.5 Intermediate 0.06 Susceptible   
## 431 0.5 Intermediate 0.06 Susceptible   
## 432 0.5 Intermediate 0.12 Susceptible   
## 433 0.25 Intermediate 0.12 Susceptible   
## 434 0.12 Intermediate 0.5 Susceptible   
## 435 0.25 Intermediate >8 Resistant   
## 436 0.25 Intermediate 0.06 Susceptible   
## 437 1 Intermediate 0.06 Susceptible   
## 438 0.25 Intermediate 0.06 Susceptible   
## 439 0.25 Intermediate 0.06 Susceptible   
## 440 0.5 Intermediate 0.06 Susceptible   
## 441 0.25 Intermediate 0.06 Susceptible   
## 442 0.25 Intermediate 0.03 Susceptible   
## 443 0.25 Intermediate 0.12 Susceptible   
## 444 0.25 Intermediate 1 Susceptible   
## 445 0.25 Intermediate 0.03 Susceptible   
## 446 0.25 Intermediate 0.03 Susceptible   
## 447 0.25 Intermediate 0.03 Susceptible   
## 448 0.25 Intermediate 0.06 Susceptible   
## 449 0.12 Intermediate 0.03 Susceptible   
## 450 0.25 Intermediate 0.03 Susceptible   
## 451 0.25 Intermediate 0.06 Susceptible   
## 452 0.25 Intermediate 0.03 Susceptible   
## 453 0.25 Intermediate 1 Susceptible   
## 454 0.5 Intermediate 0.03 Susceptible   
## 455 0.25 Intermediate 0.03 Susceptible   
## 456 1 Intermediate >8 Resistant   
## 457 0.25 Intermediate 0.03 Susceptible   
## 458 0.5 Intermediate 0.06 Susceptible   
## 459 0.5 Intermediate 0.06 Susceptible   
## 460 0.25 Intermediate 0.06 Susceptible   
## 461 0.5 Intermediate 0.03 Susceptible   
## 462 0.5 Intermediate 0.06 Susceptible   
## 463 0.5 Intermediate 0.06 Susceptible   
## 464 0.5 Intermediate 0.06 Susceptible   
## 465 0.5 Intermediate 0.12 Susceptible   
## 466 0.5 Intermediate 0.03 Susceptible   
## 467 0.25 Intermediate 0.03 Susceptible   
## 468 0.25 Intermediate >8 Resistant   
## 469 0.25 Intermediate 0.03 Susceptible   
## 470 0.25 Intermediate 0.03 Susceptible   
## 471 0.25 Intermediate 0.06 Susceptible   
## 472 0.25 Intermediate 0.06 Susceptible   
## 473 0.25 Intermediate 0.06 Susceptible   
## 474 0.25 Intermediate 0.03 Susceptible   
## 475 0.12 Intermediate 0.03 Susceptible   
## 476 0.25 Intermediate 0.03 Susceptible   
## 477 0.25 Intermediate 0.03 Susceptible   
## 478 0.25 Intermediate 0.03 Susceptible   
## 479 0.25 Intermediate 0.03 Susceptible   
## 480 0.25 Intermediate 0.03 Susceptible   
## 481 0.25 Intermediate 0.03 Susceptible   
## 482 0.25 Intermediate 0.06 Susceptible   
## 483 0.25 Intermediate 0.03 Susceptible   
## 484 0.25 Intermediate 0.06 Susceptible   
## 485 0.25 Intermediate 0.12 Susceptible   
## 486 0.25 Intermediate 0.03 Susceptible   
## 487 0.25 Intermediate 0.03 Susceptible   
## 488 0.25 Intermediate 0.06 Susceptible   
## 489 0.5 Intermediate 0.06 Susceptible   
## 490 0.25 Intermediate 0.03 Susceptible   
## 491 0.25 Intermediate 0.03 Susceptible   
## 492 0.25 Intermediate 0.03 Susceptible   
## 493 0.5 Intermediate 0.06 Susceptible   
## 494 <=0.06 Intermediate 8 Resistant   
## 495 0.25 Intermediate >8 Resistant   
## 496 0.25 Intermediate 0.5 Susceptible   
## 497 0.25 Intermediate >8 Resistant   
## 498 0.25 Intermediate 0.12 Susceptible   
## 499 0.12 Intermediate 0.015 Susceptible   
## 500 0.5 Intermediate 0.03 Susceptible   
## 501 0.12 Intermediate >8 Resistant   
## 502 0.25 Intermediate 0.03 Susceptible   
## 503 0.25 Intermediate 0.12 Susceptible   
## 504 0.25 Intermediate 1 Susceptible   
## 505 0.25 Intermediate 0.03 Susceptible   
## 506 0.25 Intermediate 0.5 Susceptible   
## 507 0.25 Intermediate >8 Resistant   
## 508 0.25 Intermediate 0.03 Susceptible   
## 509 0.25 Intermediate 0.03 Susceptible   
## 510 0.5 Intermediate 0.03 Susceptible   
## 511 0.25 Intermediate 0.03 Susceptible   
## 512 0.5 Intermediate 0.03 Susceptible   
## 513 0.25 Intermediate 0.03 Susceptible   
## 514 0.5 Intermediate 0.015 Susceptible   
## 515 0.25 Intermediate >8 Resistant   
## 516 0.5 Intermediate 0.03 Susceptible   
## 517 0.25 Intermediate >8 Resistant   
## 518 0.25 Intermediate 0.03 Susceptible   
## 519 0.5 Intermediate 0.06 Susceptible   
## 520 0.25 Intermediate 0.06 Susceptible   
## 521 0.25 Intermediate 0.25 Susceptible   
## 522 0.25 Intermediate >8 Resistant   
## 523 0.25 Intermediate >8 Resistant   
## 524 0.25 Intermediate 0.25 Susceptible   
## 525   
## 526   
## 527   
## 528 0.25 Intermediate 0.5 Susceptible   
## 529 0.25 Intermediate 2 Intermediate   
## 530 0.25 Intermediate 0.03 Susceptible   
## 531 0.25 Intermediate 0.03 Susceptible   
## 532 2 Intermediate 0.03 Susceptible   
## 533 0.25 Intermediate 0.06 Susceptible   
## 534 0.25 Intermediate 0.06 Susceptible   
## 535 0.5 Intermediate 0.12 Susceptible   
## 536 0.25 Intermediate 0.06 Susceptible   
## 537 0.25 Intermediate 4 Resistant   
## 538 0.25 Intermediate 0.03 Susceptible   
## 539 0.25 Intermediate 0.03 Susceptible   
## 540 0.25 Intermediate 0.25 Susceptible   
## 541 0.5 Intermediate 0.06 Susceptible   
## 542 0.25 Intermediate 0.03 Susceptible   
## 543 2 Intermediate 0.06 Susceptible   
## 544 0.25 Intermediate 0.25 Susceptible   
## 545 0.25 Intermediate 0.06 Susceptible   
## 546 0.25 Intermediate 1 Susceptible   
## 547 0.25 Intermediate 0.5 Susceptible   
## 548 0.25 Intermediate 0.03 Susceptible   
## 549 0.25 Intermediate 0.12 Susceptible   
## 550 1 Intermediate 0.06 Susceptible   
## 551 0.25 Intermediate 0.03 Susceptible   
## 552 0.25 Intermediate 0.03 Susceptible   
## 553 0.25 Intermediate 0.5 Susceptible   
## 554 0.25 Intermediate 0.06 Susceptible   
## 555 0.25 Intermediate 0.03 Susceptible   
## 556 0.25 Intermediate 0.25 Susceptible   
## 557 0.25 Intermediate 0.015 Susceptible   
## 558 0.25 Intermediate 0.25 Susceptible   
## 559 0.25 Intermediate 0.03 Susceptible   
## 560 0.5 Intermediate 2 Intermediate   
## 561 >8 Resistant >8 Resistant   
## 562   
## 563 >4 Resistant 0.25 Intermediate   
## 564 >4 Resistant 0.25 Intermediate   
## 565 >4 Resistant 0.12 Intermediate   
## 566 >4 Resistant 0.5 Intermediate   
## 567 >4 Resistant 0.25 Intermediate   
## 568 >4 Resistant 0.25 Intermediate   
## 569 0.5 Intermediate 0.5 Intermediate   
## 570 4 Resistant 0.5 Intermediate   
## 571 >4 Resistant 0.25 Intermediate   
## 572 >4 Resistant 0.25 Intermediate   
## 573 2 Resistant 0.5 Intermediate   
## 574 1 Resistant 0.5 Intermediate   
## 575 4 Resistant 0.5 Intermediate   
## 576 4 Resistant 0.5 Intermediate   
## 577 <=0.12 Susceptible 0.25 Intermediate   
## 578 2 Resistant 0.25 Intermediate   
## 579 <=0.12 Susceptible 0.5 Intermediate   
## 580 >4 Resistant 0.5 Intermediate   
## 581 >4 Resistant 0.5 Intermediate   
## 582 >4 Resistant 0.25 Intermediate   
## 583 >4 Resistant 0.5 Intermediate   
## 584 >4 Resistant 0.5 Intermediate   
## 585 0.5 Intermediate 0.5 Intermediate   
## 586 4 Resistant 0.5 Intermediate   
## 587 <=0.12 Susceptible 1 Intermediate   
## 588 0.5 Intermediate 0.5 Intermediate   
## 589 >4 Resistant 1 Intermediate   
## 590 <=0.12 Susceptible 1 Intermediate   
## 591 >4 Resistant 0.5 Intermediate   
## 592 2 Resistant 1 Intermediate   
## 593 2 Resistant 0.5 Intermediate   
## 594 >4 Resistant 1 Intermediate   
## 595 1 Resistant 0.5 Intermediate   
## 596 >4 Resistant 1 Intermediate   
## 597 >4 Resistant 0.5 Intermediate   
## 598 >4 Resistant 0.5 Intermediate   
## 599 <=0.12 Susceptible 0.5 Intermediate   
## 600 >4 Resistant 0.25 Intermediate   
## 601 1 Resistant 1 Intermediate   
## 602 >4 Resistant 1 Intermediate   
## 603 >4 Resistant 0.5 Intermediate   
## 604 >4 Resistant 0.5 Intermediate   
## 605 1 Resistant 2 Intermediate   
## 606 >4 Resistant 1 Intermediate   
## 607 >4 Resistant 0.5 Intermediate   
## 608 1 Resistant 0.25 Intermediate   
## 609 >4 Resistant 0.5 Intermediate   
## 610 >4 Resistant 0.12 Intermediate   
## 611 >4 Resistant 0.5 Intermediate   
## 612 >4 Resistant 0.25 Intermediate   
## 613 >4 Resistant 0.5 Intermediate   
## 614 >4 Resistant 0.5 Intermediate   
## 615 >4 Resistant <=0.06 Intermediate   
## 616 >4 Resistant 0.5 Intermediate   
## 617 >4 Resistant 0.25 Intermediate   
## 618 >4 Resistant 0.12 Intermediate   
## 619 >4 Resistant 0.5 Intermediate   
## 620 >4 Resistant 0.5 Intermediate   
## 621 >4 Resistant 0.5 Intermediate   
## 622 >4 Resistant 0.5 Intermediate   
## 623 >4 Resistant 0.25 Intermediate   
## 624 1 Resistant 1 Intermediate   
## 625 >4 Resistant 0.5 Intermediate   
## 626 >4 Resistant 0.25 Intermediate   
## 627 1 Resistant 0.5 Intermediate   
## 628 >4 Resistant 0.5 Intermediate   
## 629 0.5 Intermediate 0.5 Intermediate   
## 630 >4 Resistant <=0.06 Intermediate   
## 631 4 Resistant <=0.06 Intermediate   
## 632 >4 Resistant <=0.06 Intermediate   
## 633 4 Resistant 0.25 Intermediate   
## 634 4 Resistant 1 Intermediate   
## 635 2 Resistant 0.5 Intermediate   
## 636 >4 Resistant 0.5 Intermediate   
## 637 >4 Resistant <=0.06 Intermediate   
## 638 >4 Resistant 0.25 Intermediate   
## 639 2 Resistant 0.5 Intermediate   
## 640 4 Resistant 0.5 Intermediate   
## 641 0.25 Susceptible 0.25 Intermediate   
## 642 >4 Resistant 0.25 Intermediate   
## 643 >4 Resistant 0.5 Intermediate   
## 644 4 Resistant 0.5 Intermediate   
## 645 4 Resistant 0.5 Intermediate   
## 646 >4 Resistant 0.5 Intermediate   
## 647 2 Resistant 0.25 Intermediate   
## 648 2 Resistant 0.5 Intermediate   
## 649 >4 Resistant 0.12 Intermediate   
## 650 >4 Resistant 0.25 Intermediate   
## 651 >4 Resistant 0.5 Intermediate   
## 652 1 Resistant 0.5 Intermediate   
## 653 2 Resistant 0.5 Intermediate   
## 654 >4 Resistant 0.25 Intermediate   
## 655 >4 Resistant 0.25 Intermediate   
## 656 0.5 Intermediate 0.5 Intermediate   
## 657 >4 Resistant 0.5 Intermediate   
## 658 >4 Resistant 0.25 Intermediate   
## 659 2 Resistant 0.25 Intermediate   
## 660 1 Resistant 0.12 Intermediate   
## 661 2 Resistant 0.25 Intermediate   
## 662 >4 Resistant 0.5 Intermediate   
## 663 >4 Resistant 0.12 Intermediate   
## 664 2 Resistant 0.5 Intermediate   
## 665 >4 Resistant 0.25 Intermediate   
## 666 >4 Resistant 0.25 Intermediate   
## 667 >4 Resistant 1 Intermediate   
## 668 0.25 Susceptible 0.5 Intermediate   
## 669 >4 Resistant 0.5 Intermediate   
## 670 >4 Resistant 0.5 Intermediate   
## 671 >4 Resistant 0.5 Intermediate   
## 672 <=0.12 Susceptible 0.25 Intermediate   
## 673 <=0.12 Susceptible 0.25 Intermediate   
## 674 1 Resistant 1 Intermediate   
## 675 2 Resistant 0.5 Intermediate   
## 676 >4 Resistant 0.5 Intermediate   
## 677 >4 Resistant 0.25 Intermediate   
## 678 >4 Resistant 0.5 Intermediate   
## 679 >4 Resistant 0.5 Intermediate   
## 680 >4 Resistant 0.5 Intermediate   
## 681 0.5 Intermediate >8 Resistant   
## 682 >4 Resistant 0.5 Intermediate   
## 683 >4 Resistant 0.5 Intermediate   
## 684 0.25 Susceptible 0.25 Intermediate   
## 685 >4 Resistant 0.5 Intermediate   
## 686 >4 Resistant >8 Resistant   
## 687 >4 Resistant 0.25 Intermediate   
## 688 >4 Resistant >8 Resistant   
## 689 >4 Resistant 0.5 Intermediate   
## 690 1 Resistant 1 Intermediate   
## 691 >4 Resistant 0.25 Intermediate   
## 692 >4 Resistant 0.25 Intermediate   
## 693 >4 Resistant 0.25 Intermediate   
## 694 >4 Resistant 0.25 Intermediate   
## 695 >4 Resistant 0.25 Intermediate   
## 696 >4 Resistant 0.5 Intermediate   
## 697 1 Resistant 0.25 Intermediate   
## 698 >4 Resistant 0.5 Intermediate   
## 699 >4 Resistant 0.25 Intermediate   
## 700 >4 Resistant 0.25 Intermediate   
## 701 >4 Resistant 0.25 Intermediate   
## 702 >4 Resistant >8 Resistant   
## 703 2 Resistant 0.5 Intermediate   
## 704 >4 Resistant 0.25 Intermediate   
## 705 >4 Resistant >8 Resistant   
## 706 >4 Resistant 0.5 Intermediate   
## 707 >4 Resistant 0.25 Intermediate   
## 708 1 Resistant 0.25 Intermediate   
## 709 <=0.12 Susceptible 0.25 Intermediate   
## 710 4 Resistant 0.25 Intermediate   
## 711 >4 Resistant 0.25 Intermediate   
## 712 1 Resistant 0.5 Intermediate   
## 713 2 Resistant 0.5 Intermediate   
## 714 2 Resistant 0.12 Intermediate   
## 715 >4 Resistant 0.25 Intermediate   
## 716 >4 Resistant 0.12 Intermediate   
## 717 2 Resistant 0.25 Intermediate   
## 718 2 Resistant 0.5 Intermediate   
## 719 0.5 Intermediate 0.5 Intermediate   
## 720 >4 Resistant 0.25 Intermediate   
## 721 >4 Resistant 0.25 Intermediate   
## 722 <=0.12 Susceptible 0.5 Intermediate   
## 723 2 Resistant 0.5 Intermediate   
## 724 2 Resistant 0.5 Intermediate   
## 725 <=0.12 Susceptible 0.5 Intermediate   
## 726 4 Resistant 0.5 Intermediate   
## 727 >4 Resistant 0.5 Intermediate   
## 728 >4 Resistant 0.5 Intermediate   
## 729 1 Resistant 0.5 Intermediate   
## 730 >4 Resistant 0.5 Intermediate   
## 731 2 Resistant 1 Intermediate   
## 732 >4 Resistant 1 Intermediate   
## 733 2 Resistant 0.5 Intermediate   
## 734 >4 Resistant 0.5 Intermediate   
## 735 >4 Resistant 0.5 Intermediate   
## 736 4 Resistant 0.5 Intermediate   
## 737 0.25 Susceptible 0.5 Intermediate   
## 738 >4 Resistant 0.12 Intermediate   
## 739 >4 Resistant 0.5 Intermediate   
## 740 0.25 Susceptible 0.5 Intermediate   
## 741 >4 Resistant 0.12 Intermediate   
## 742 0.25 Susceptible 0.12 Intermediate   
## 743 >4 Resistant 0.12 Intermediate   
## 744 >4 Resistant 0.25 Intermediate   
## 745 >4 Resistant 0.5 Intermediate   
## 746 >4 Resistant 0.5 Intermediate   
## 747 >4 Resistant 0.5 Intermediate   
## 748 0.5 Intermediate 0.5 Intermediate   
## 749 >4 Resistant 1 Intermediate   
## 750 >4 Resistant 0.5 Intermediate   
## 751 >4 Resistant 0.5 Intermediate   
## 752 >4 Resistant 0.5 Intermediate   
## 753 >4 Resistant 1 Intermediate   
## 754 >4 Resistant 0.5 Intermediate   
## 755 0.25 Susceptible 0.25 Intermediate   
## 756 >4 Resistant 0.5 Intermediate   
## 757 >4 Resistant 0.5 Intermediate   
## 758 >4 Resistant 1 Intermediate   
## 759 1 Resistant 1 Intermediate   
## 760 0.5 Intermediate 0.5 Intermediate   
## 761 >4 Resistant 0.5 Intermediate   
## 762 >4 Resistant 0.5 Intermediate   
## 763 >4 Resistant 1 Intermediate   
## 764 0.5 Intermediate 0.25 Intermediate   
## 765 2 Resistant 0.12 Intermediate   
## 766 2 Resistant 0.12 Intermediate   
## 767 >4 Resistant 0.5 Intermediate   
## 768 >4 Resistant 0.5 Intermediate   
## 769 0.5 Intermediate 0.5 Intermediate   
## 770 >4 Resistant 0.5 Intermediate   
## 771 >4 Resistant 0.5 Intermediate   
## 772 >4 Resistant 1 Intermediate   
## 773 >4 Resistant 0.5 Intermediate   
## 774 >4 Resistant 2 Intermediate   
## 775 2 Resistant 0.5 Intermediate   
## 776 2 Resistant 0.5 Intermediate   
## 777 >4 Resistant 0.5 Intermediate   
## 778 2 Resistant 0.5 Intermediate   
## 779 2 Resistant 0.5 Intermediate   
## 780 4 Resistant 0.5 Intermediate   
## 781 2 Resistant 0.5 Intermediate   
## 782 2 Resistant 1 Intermediate   
## 783 0.25 Susceptible 0.5 Intermediate   
## 784 2 Resistant 0.5 Intermediate   
## 785 >4 Resistant 1 Intermediate   
## 786 2 Resistant 0.5 Intermediate   
## 787 <=0.12 Susceptible 0.5 Intermediate   
## 788 2 Resistant 0.5 Intermediate   
## 789 2 Resistant 0.5 Intermediate   
## 790 2 Resistant 0.5 Intermediate   
## 791 2 Resistant 0.5 Intermediate   
## 792 2 Resistant 0.5 Intermediate   
## 793 2 Resistant 0.5 Intermediate   
## 794 >4 Resistant 2 Intermediate   
## 795 >4 Resistant >8 Resistant   
## 796 >4 Resistant 2 Intermediate   
## 797 >4 Resistant 2 Intermediate   
## 798 >4 Resistant 2 Intermediate   
## 799 >4 Resistant 2 Intermediate   
## 800 >4 Resistant 2 Intermediate   
## 801 >4 Resistant 2 Intermediate   
## 802 >4 Resistant 2 Intermediate   
## 803 <=0.12 Susceptible 1 Intermediate   
## 804 <=0.12 Susceptible 1 Intermediate   
## 805 <=0.12 Susceptible 0.5 Intermediate   
## 806 4 Resistant 1 Intermediate   
## 807 >4 Resistant 1 Intermediate   
## 808 1 Resistant 0.5 Intermediate   
## 809 >4 Resistant 0.5 Intermediate   
## 810 >4 Resistant 0.5 Intermediate   
## 811 2 Resistant 0.5 Intermediate   
## 812 0.5 Intermediate 0.5 Intermediate   
## 813 2 Resistant 0.5 Intermediate   
## 814 0.5 Intermediate 0.5 Intermediate   
## 815 0.5 Intermediate 1 Intermediate   
## 816 <=0.12 Susceptible 0.5 Intermediate   
## 817 2 Resistant 0.5 Intermediate   
## 818 >4 Resistant 0.5 Intermediate   
## 819 >4 Resistant 0.5 Intermediate   
## 820 0.5 Intermediate 0.5 Intermediate   
## 821 >4 Resistant 1 Intermediate   
## 822 <=0.12 Susceptible 0.25 Intermediate   
## 823 <=0.12 Susceptible 0.5 Intermediate   
## 824 4 Resistant 0.5 Intermediate   
## 825 4 Resistant 0.5 Intermediate   
## 826 0.25 Susceptible >8 Resistant   
## 827 2 Resistant 0.5 Intermediate   
## 828 >4 Resistant 0.5000 Intermediate   
## 829 1.0000 Resistant 0.2500 Intermediate   
## 830 1.0000 Resistant 0.5000 Intermediate   
## 831 >4 Resistant 0.5000 Intermediate   
## 832 >4 Resistant 0.2500 Intermediate   
## 833 >4 Resistant 0.5000 Intermediate   
## 834 >4 Resistant 0.5000 Intermediate   
## 835 <=0.12 Susceptible 0.5000 Intermediate   
## 836 2.0000 Resistant 0.5000 Intermediate   
## 837 >4 Resistant 0.5000 Intermediate   
## 838 >4 Resistant 0.2500 Intermediate   
## 839 0.5000 Intermediate 0.2500 Intermediate   
## 840 1.0000 Resistant 0.5000 Intermediate   
## 841 0.5000 Intermediate 0.2500 Intermediate   
## 842 >4 Resistant 0.1200 Intermediate   
## 843 >4 Resistant 0.2500 Intermediate   
## 844 0.2500 Susceptible 0.1200 Intermediate   
## 845 >4 Resistant 0.2500 Intermediate   
## 846 >4 Resistant 0.2500 Intermediate   
## 847 >4 Resistant 0.1200 Intermediate   
## 848 >4 Resistant 0.2500 Intermediate   
## 849 <=0.12 Susceptible 0.2500 Intermediate   
## 850 <=0.12 Susceptible 0.5000 Intermediate   
## 851 0.2500 Susceptible 0.5000 Intermediate   
## 852 >4 Resistant 1.0000 Intermediate   
## 853 >4 Resistant 0.5000 Intermediate   
## 854 >4 Resistant 0.5000 Intermediate   
## 855 >4 Resistant 0.5000 Intermediate   
## 856 >4 Resistant 0.5000 Intermediate   
## 857 >4 Resistant 1.0000 Intermediate   
## 858 <=0.12 Susceptible 1.0000 Intermediate   
## 859 2.0000 Resistant 0.5000 Intermediate   
## 860 4.0000 Resistant 1.0000 Intermediate   
## 861 >4 Resistant 1.0000 Intermediate   
## 862 >4 Resistant 0.5000 Intermediate   
## 863 >4 Resistant 0.5000 Intermediate   
## 864 >4 Resistant 0.5000 Intermediate   
## 865 >4 Resistant 0.5000 Intermediate   
## 866 <=0.12 Susceptible 0.5000 Intermediate   
## 867 >4 Resistant 0.2500 Intermediate   
## 868 >4 Resistant 0.5000 Intermediate   
## 869 0.5000 Intermediate 0.5000 Intermediate   
## 870 >4 Resistant 0.2500 Intermediate   
## 871 >4 Resistant 2.0000 Intermediate   
## 872 >4 Resistant 0.5000 Intermediate   
## 873 1.0000 Resistant 1.0000 Intermediate   
## 874 0.5000 Intermediate 0.5000 Intermediate   
## 875 >4 Resistant 8.0000 Resistant   
## 876 2.0000 Resistant 0.5000 Intermediate   
## 877 4.0000 Resistant 1.0000 Intermediate   
## 878 >4 Resistant 0.5000 Intermediate   
## 879 >4 Resistant 0.5000 Intermediate   
## 880 >4 Resistant 1.0000 Intermediate   
## 881 >4 Resistant 0.5000 Intermediate   
## 882 >4 Resistant 0.5000 Intermediate   
## 883 >4 Resistant 0.2500 Intermediate   
## 884 >4 Resistant 0.5000 Intermediate   
## 885 0.2500 Susceptible 0.5000 Intermediate   
## 886 >4 Resistant >8 Resistant   
## 887 0.5000 Intermediate 0.5000 Intermediate   
## 888 >4 Resistant 0.5000 Intermediate   
## 889 <=0.12 Susceptible 0.5000 Intermediate   
## 890 >4 Resistant 0.5000 Intermediate   
## 891 >4 Resistant 0.5000 Intermediate   
## 892 >4 Resistant 0.5000 Intermediate   
## 893 1.0000 Resistant 0.5000 Intermediate   
## 894 >4 Resistant 0.5000 Intermediate   
## 895 >4 Resistant 0.5000 Intermediate   
## 896 >4 Resistant 0.5000 Intermediate   
## 897 >4 Resistant 0.5000 Intermediate   
## 898 >4 Resistant 1.0000 Intermediate   
## 899 >4 Resistant 1.0000 Intermediate   
## 900 >4 Resistant 0.5000 Intermediate   
## 901 >4 Resistant 1.0000 Intermediate   
## 902 >4 Resistant 0.5000 Intermediate   
## 903 1.0000 Resistant 0.5000 Intermediate   
## 904 0.5000 Intermediate 0.2500 Intermediate   
## 905 >4 Resistant 0.2500 Intermediate   
## 906 >4 Resistant 0.5000 Intermediate   
## 907 >4 Resistant 0.2500 Intermediate   
## 908 >4 Resistant 0.5000 Intermediate   
## 909 >4 Resistant 0.5000 Intermediate   
## 910 >4 Resistant 0.5000 Intermediate   
## 911 >4 Resistant 0.5000 Intermediate   
## 912 4.0000 Resistant 0.5000 Intermediate   
## 913 >4 Resistant 0.5000 Intermediate   
## 914 >4 Resistant 0.5000 Intermediate   
## 915 1.0000 Resistant 0.2500 Intermediate   
## 916 1.0000 Resistant 0.5000 Intermediate   
## 917 <=0.12 Susceptible 0.5000 Intermediate   
## 918 >4 Resistant 0.5000 Intermediate   
## 919 >4 Resistant 0.2500 Intermediate   
## 920 >4 Resistant 0.5000 Intermediate   
## 921 >4 Resistant 0.5000 Intermediate   
## 922 >4 Resistant 0.5000 Intermediate   
## 923 1.0000 Resistant 0.5000 Intermediate   
## 924 0.2500 Susceptible 2.0000 Intermediate   
## 925 2.0000 Resistant 0.2500 Intermediate   
## 926 >4 Resistant 2.0000 Intermediate   
## 927 <=0.12 Susceptible 0.5000 Intermediate   
## 928 <=0.12 Susceptible 0.5000 Intermediate   
## 929 1.0000 Resistant 0.5000 Intermediate   
## 930 1.0000 Resistant 1.0000 Intermediate   
## 931 4.0000 Resistant 0.5000 Intermediate   
## 932 2.0000 Resistant 1.0000 Intermediate   
## 933 1.0000 Resistant 0.5000 Intermediate   
## 934 1.0000 Resistant 1.0000 Intermediate   
## 935 >4 Resistant 0.5000 Intermediate   
## 936 2.0000 Resistant 0.5000 Intermediate   
## 937 <=0.12 Susceptible 0.5000 Intermediate   
## 938 >4 Resistant 0.5000 Intermediate   
## 939 2.0000 Resistant 1.0000 Intermediate   
## 940 1.0000 Resistant 0.5000 Intermediate   
## 941 >4 Resistant 1.0000 Intermediate   
## 942 2.0000 Resistant 0.5000 Intermediate   
## 943 >4 Resistant 0.5000 Intermediate   
## 944 4.0000 Resistant 0.5000 Intermediate   
## 945 >4 Resistant 0.2500 Intermediate   
## 946 >4 Resistant 0.5000 Intermediate   
## 947 4.0000 Resistant 2.0000 Intermediate   
## 948 2.0000 Resistant 0.5000 Intermediate   
## 949 0.5000 Intermediate >8 Resistant   
## 950 2.0000 Resistant 0.5000 Intermediate   
## 951 0.2500 Susceptible 0.2500 Intermediate   
## 952 >4 Resistant 1.0000 Intermediate   
## 953 >4 Resistant 1.0000 Intermediate   
## 954 2.0000 Resistant 0.5000 Intermediate   
## 955 >4 Resistant 0.2500 Intermediate   
## 956 1.0000 Resistant 0.5000 Intermediate   
## 957 4.0000 Resistant 0.2500 Intermediate   
## 958 >4 Resistant 0.5000 Intermediate   
## 959 >4 Resistant 0.2500 Intermediate   
## 960 >4 Resistant 0.5000 Intermediate   
## 961 <=0.12 Susceptible 0.5000 Intermediate   
## 962 2.0000 Resistant 1.0000 Intermediate   
## 963 >4 Resistant 0.5000 Intermediate   
## 964 >4 Resistant 0.5000 Intermediate   
## 965 >4 Resistant 0.5000 Intermediate   
## 966 >4 Resistant 0.5000 Intermediate   
## 967 >4 Resistant 0.5000 Intermediate   
## 968 >4 Resistant 0.5000 Intermediate   
## 969 >4 Resistant 0.5000 Intermediate   
## 970 4.0000 Resistant 0.5000 Intermediate   
## 971 4.0000 Resistant 1.0000 Intermediate   
## 972 >4 Resistant 0.5000 Intermediate   
## 973 >4 Resistant 0.5000 Intermediate   
## 974 >4 Resistant 0.5000 Intermediate   
## 975 4.0000 Resistant 1.0000 Intermediate   
## 976 1.0000 Resistant 0.5000 Intermediate   
## 977 4.0000 Resistant 0.5000 Intermediate   
## 978 >4 Resistant 0.5000 Intermediate   
## 979 4.0000 Resistant 0.5000 Intermediate   
## 980 2.0000 Resistant 1.0000 Intermediate   
## 981 >4 Resistant 0.2500 Intermediate   
## 982 >4 Resistant 0.5000 Intermediate   
## 983 >4 Resistant 0.2500 Intermediate   
## 984 2.0000 Resistant 0.5000 Intermediate   
## 985 >4 Resistant 0.2500 Intermediate   
## 986 >4 Resistant 0.5000 Intermediate   
## 987 >4 Resistant 0.2500 Intermediate   
## 988 2.0000 Resistant 1.0000 Intermediate   
## 989 2.0000 Resistant 0.5000 Intermediate   
## 990 >4 Resistant 0.2500 Intermediate   
## 991 >4 Resistant 0.2500 Intermediate   
## 992 >4 Resistant 0.2500 Intermediate   
## 993 >4 Resistant 0.5000 Intermediate   
## 994 >4 Resistant 0.2500 Intermediate   
## 995 >4 Resistant 0.5000 Intermediate   
## 996 >4 Resistant 0.5000 Intermediate   
## 997 0.5000 Intermediate 0.5000 Intermediate   
## 998 >4 Resistant 0.2500 Intermediate   
## 999 >4 Resistant 1.0000 Intermediate   
## 1000 0.2500 Susceptible 0.2500 Intermediate   
## 1001 >4 Resistant 0.2500 Intermediate   
## 1002 >4 Resistant 1.0000 Intermediate   
## 1003 >4 Resistant 1.0000 Intermediate   
## 1004 <=0.12 Susceptible 0.5000 Intermediate   
## 1005 <=0.12 Susceptible 1.0000 Intermediate   
## 1006 4.0000 Resistant 1.0000 Intermediate   
## 1007 1.0000 Resistant 1.0000 Intermediate   
## 1008 2.0000 Resistant 1.0000 Intermediate   
## 1009 >4 Resistant 1.0000 Intermediate   
## 1010 <=0.12 Susceptible 1.0000 Intermediate   
## 1011 <=0.12 Susceptible 1.0000 Intermediate   
## 1012 <=0.12 Susceptible 0.5000 Intermediate   
## 1013 <=0.12 Susceptible 0.5000 Intermediate   
## 1014 1.0000 Resistant 0.5000 Intermediate   
## 1015 <=0.12 Susceptible 1.0000 Intermediate   
## 1016 >4 Resistant 1.0000 Intermediate   
## 1017 1.0000 Resistant 0.5000 Intermediate   
## 1018 >4 Resistant 1.0000 Intermediate   
## 1019 >4 Resistant 0.5000 Intermediate   
## 1020 >4 Resistant 0.5000 Intermediate   
## 1021 0.5000 Intermediate 0.2500 Intermediate   
## 1022 >4 Resistant 0.2500 Intermediate   
## 1023 >4 Resistant 0.2500 Intermediate   
## 1024 >4 Resistant >8 Resistant   
## 1025 >4 Resistant 0.2500 Intermediate   
## 1026 >4 Resistant 0.2500 Intermediate   
## 1027 >4 Resistant 1.0000 Intermediate   
## 1028 >4 Resistant 0.5000 Intermediate   
## 1029 <=0.12 Susceptible 1.0000 Intermediate   
## 1030 1.0000 Resistant 0.2500 Intermediate   
## 1031 0.2500 Susceptible 1.0000 Intermediate   
## 1032 >4 Resistant 0.2500 Intermediate   
## 1033 >4 Resistant 0.2500 Intermediate   
## 1034 0.5000 Intermediate 0.5000 Intermediate   
## 1035 <=0.12 Susceptible 1.0000 Intermediate   
## 1036 >4 Resistant 1.0000 Intermediate   
## 1037 0.2500 Susceptible 1.0000 Intermediate   
## 1038 >4 Resistant 0.5000 Intermediate   
## 1039 <=0.12 Susceptible 0.5000 Intermediate   
## 1040 <=0.12 Susceptible 1.0000 Intermediate   
## 1041 >4 Resistant 0.5000 Intermediate   
## 1042 >4 Resistant 0.5000 Intermediate   
## 1043 >4 Resistant 0.5000 Intermediate   
## 1044 >4 Resistant 0.5000 Intermediate   
## 1045 >4 Resistant 0.5000 Intermediate   
## 1046 <=0.12 Susceptible 0.5000 Intermediate   
## 1047 >4 Resistant 0.5000 Intermediate   
## 1048 >4 Resistant 0.5000 Intermediate   
## 1049 >4 Resistant 1.0000 Intermediate   
## 1050 0.5000 Intermediate 0.2500 Intermediate   
## 1051 >4 Resistant >8 Resistant   
## 1052 >4 Resistant 0.5000 Intermediate   
## 1053 >4 Resistant 0.5000 Intermediate   
## 1054 >4 Resistant 0.2500 Intermediate   
## 1055 >4 Resistant 0.5000 Intermediate   
## 1056 <=0.12 Susceptible 0.5000 Intermediate   
## 1057 >4 Resistant 0.5000 Intermediate   
## 1058 >4 Resistant 0.5000 Intermediate   
## 1059 >4 Resistant 0.5000 Intermediate   
## 1060 >4 Resistant 1.0000 Intermediate   
## 1061 4.0000 Resistant 0.5000 Intermediate   
## 1062 >4 Resistant 0.5000 Intermediate   
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## 1068 >4 Resistant 0.5000 Intermediate   
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## 1070 >4 Resistant 2.0000 Intermediate   
## 1071 >4 Resistant 0.5000 Intermediate   
## 1072 >4 Resistant 0.5000 Intermediate   
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## 1074 >4 Resistant 2.0000 Intermediate   
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## 1079 >4 Resistant 2.0000 Intermediate   
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## 1101 >4 Resistant 0.5000 Intermediate   
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## 1108 >4 Resistant 0.5000 Intermediate   
## 1109 2.0000 Resistant 0.5000 Intermediate   
## 1110 >4 Resistant 0.5000 Intermediate   
## 1111 >4 Resistant 0.5000 Intermediate   
## 1112 >4 Resistant 0.5000 Intermediate   
## 1113 <=0.12 Susceptible 0.5000 Intermediate   
## 1114 4.0000 Resistant 0.5000 Intermediate   
## 1115 4.0000 Resistant 0.5000 Intermediate   
## 1116 2.0000 Resistant 0.5000 Intermediate   
## 1117 2.0000 Resistant 0.5000 Intermediate   
## 1118 2.0000 Resistant 0.5000 Intermediate   
## 1119 2.0000 Resistant 0.5000 Intermediate   
## 1120 1.0000 Resistant 1.0000 Intermediate   
## 1121 2.0000 Resistant 0.5000 Intermediate   
## 1122 >4 Resistant 0.5000 Intermediate   
## 1123 >4 Resistant 0.5000 Intermediate   
## 1124 >4 Resistant 1.0000 Intermediate   
## 1125 >4 Resistant 0.5000 Intermediate   
## 1126 >4 Resistant <=0.12 Intermediate   
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## 1128 >4 Resistant <=0.12 Intermediate   
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## 1130 >4 Resistant 0.5000 Intermediate   
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## 1134 >4 Resistant <=0.12 Intermediate   
## 1135 >4 Resistant 0.2500 Intermediate   
## 1136 >4 Resistant <=0.12 Intermediate   
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## 1139 >4 Resistant <=0.12 Intermediate   
## 1140 >4 Resistant <=0.12 Intermediate   
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## Ertapenem\_I Gentamicin Gentamicin\_I Sulbactam Trimethoprim.sulfa Trimethoprim.sulfa\_I  
## 1 Susceptible   
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## 563 >16 Resistant >32 Resistant  
## 564 >16 Resistant <=1 Susceptible  
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## 572 >16 Resistant >32 Resistant  
## 573 >16 Resistant >32 Resistant  
## 574 0.5 Susceptible <=1 Susceptible  
## 575 >16 Resistant >32 Resistant  
## 576 0.25 Susceptible >32 Resistant  
## 577 >16 Resistant >32 Resistant  
## 578 0.25 Susceptible >32 Resistant  
## 579 >16 Resistant >32 Resistant  
## 580 1 Susceptible 32 Resistant  
## 581 1 Susceptible >32 Resistant  
## 582 1 Susceptible <=1 Susceptible  
## 583 1 Susceptible >32 Resistant  
## 584 >16 Resistant >32 Resistant  
## 585 0.5 Susceptible 16 Resistant  
## 586 0.25 Susceptible 8 Resistant  
## 587 16 Resistant >32 Resistant  
## 588 16 Resistant >32 Resistant  
## 589 16 Resistant >32 Resistant  
## 590 16 Resistant >32 Resistant  
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## 600 0.25 Susceptible >32 Resistant  
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## 611 1 Susceptible <=1 Susceptible  
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## 617 >16 Resistant >32 Resistant  
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## 623 0.5 Susceptible >32 Resistant  
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## 632 1 Susceptible >32 Resistant  
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## 654 1 Susceptible >32 Resistant  
## 655 >16 Resistant >32 Resistant  
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## 657 2 Susceptible >32 Resistant  
## 658 >16 Resistant >32 Resistant  
## 659 0.25 Susceptible >32 Resistant  
## 660 >16 Resistant >32 Resistant  
## 661 16 Resistant >32 Resistant  
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## 663 2 Susceptible >32 Resistant  
## 664 16 Resistant >32 Resistant  
## 665 1 Susceptible >32 Resistant  
## 666 2 Susceptible >32 Resistant  
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## 668 2 Susceptible 8 Resistant  
## 669 >16 Resistant >32 Resistant  
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## 671 >16 Resistant >32 Resistant  
## 672 0.25 Susceptible >32 Resistant  
## 673 16 Resistant >32 Resistant  
## 674 1 Susceptible 32 Resistant  
## 675 4 Intermediate 8 Resistant  
## 676 >16 Resistant >32 Resistant  
## 677 >16 Resistant >32 Resistant  
## 678 >16 Resistant >32 Resistant  
## 679 0.5 Susceptible <=1 Susceptible  
## 680 0.5 Susceptible >32 Resistant  
## 681 16 Resistant >32 Resistant  
## 682 >16 Resistant >32 Resistant  
## 683 >16 Resistant <=1 Susceptible  
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## 699 1 Susceptible <=1 Susceptible  
## 700 >16 Resistant 4 Resistant  
## 701 0.25 Susceptible >32 Resistant  
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## 706 0.5 Susceptible >32 Resistant  
## 707 >16 Resistant >32 Resistant  
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## 709 >16 Resistant <=1 Susceptible  
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## 711 >16 Resistant >32 Resistant  
## 712 0.5 Susceptible >32 Resistant  
## 713 0.25 Susceptible >32 Resistant  
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## 719 0.25 Susceptible >32 Resistant  
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## 749 1 Susceptible >32 Resistant  
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## 753 1 Susceptible <=1 Susceptible  
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## 801 4 >32   
## 802 8 >32   
## 803 >16 Resistant <=1 Susceptible  
## 804 16 Resistant 2 Susceptible  
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## 828 >16 Resistant >32 Resistant  
## 829 16.0000 Resistant >32 Resistant  
## 830 0.5000 Susceptible 2.0000 Susceptible  
## 831 1.0000 Susceptible >32 Resistant  
## 832 >16 Resistant >32 Resistant  
## 833 >16 Resistant >32 Resistant  
## 834 2.0000 Susceptible >32 Resistant  
## 835 0.5000 Susceptible >32 Resistant  
## 836 >16 Resistant >32 Resistant  
## 837 >16 Resistant >32 Resistant  
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## 840 0.2500 Susceptible >32 Resistant  
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## 842 1.0000 Susceptible <=1 Susceptible  
## 843 0.5000 Susceptible >32 Resistant  
## 844 0.5000 Susceptible 2.0000 Susceptible  
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## 861 16.0000 Resistant >32 Resistant  
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## 1007 1.0000 Susceptible <=1 Susceptible  
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## 1026 0.5000 Susceptible >32 Resistant  
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## Ceftolozane.tazobactam Ceftolozane.tazobactam\_I Cefoperazone.sulbactam Meropenem.vaborbactam  
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## 470 1 Susceptible   
## 471 >32 Resistant   
## 472 1 Susceptible   
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## 524 16 Resistant   
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## 1118 4.0000   
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## 1122 >64   
## 1123 64.0000   
## 1124 >64   
## 1125 2.0000   
## 1126 >16 Resistant >64 16.0000  
## 1127 0.2500 Susceptible 8.0000 <=0.06  
## 1128 >16 Resistant 64.0000 1.0000  
## 1129 1.0000 Susceptible 16.0000 <=0.06  
## 1130 >16 Resistant >64 >16  
## 1131 >16 Resistant >64 4.0000  
## 1132 >16 Resistant >64 4.0000  
## 1133 >16 Resistant >64 >16  
## 1134 1.0000 Susceptible 8.0000 <=0.06  
## 1135 0.5000 Susceptible 8.0000 <=0.06  
## 1136 >16 Resistant >64 16.0000  
## 1137 8.0000 Resistant 32.0000 <=0.06  
## 1138 0.5000 Susceptible 8.0000 <=0.06  
## 1139 0.5000 Susceptible 8.0000 <=0.06  
## 1140 0.5000 Susceptible 8.0000 <=0.06  
## 1141 >16 Resistant 64.0000 8.0000  
## 1142 4.0000 Intermediate 32.0000 <=0.06  
## 1143 8.0000   
## 1144 8.0000   
## 1145 16.0000   
## 1146 2.0000   
## 1147 16.0000   
## 1148 2.0000   
## 1149 8.0000   
## Meropenem.vaborbactam\_I AMPC SHV TEM CTXM1 CTXM2 CTXM825 CTXM9  
## 1 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG NEG  
## 2 NEG TEM-OSBL CTX-M-15 NEG NEG NEG  
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## 178 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG NEG  
## 179 SHV-12 NEG NEG NEG NEG NEG  
## 180 SHV-12 NEG NEG NEG NEG NEG  
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## 183 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG NEG  
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## 186 SHV-OSBL NEG NEG NEG NEG NEG  
## 187 SHV-OSBL NEG CTX-M-15 NEG NEG NEG  
## 188 NEG TEM-OSBL NEG NEG NEG NEG  
## 189 SHV-12 TEM-OSBL NEG NEG NEG NEG  
## 190 SHV-OSBL NEG CTX-M-15 NEG NEG NEG  
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## 526 NEG SHV-12(e) TEM-OSBL(b) NEG NEG NEG NEG  
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## 836 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 838 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 839 NEG NEG TEM-OSBL(b) NEG NEG NEG CTX-M-27  
## 840 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-3 NEG NEG NEG  
## 841 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 843 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 844 NEG NEG TEM-OSBL(b) NEG NEG NEG CTX-M-14  
## 845 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
## 846 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 847 NEG NEG TEM-OSBL(b) CTX-M-3 NEG NEG NEG  
## 848 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 849 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
## 850 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 852 NEG SHV-ESBL(e) NEG CTX-M-15 NEG NEG NEG  
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## 854 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 855 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 856 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 857 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 858 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 859 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 860 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 861 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 864 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 865 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 866 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 867 POS NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 868 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 874 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 876 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 886 POS NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 890 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 895 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 896 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 897 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 903 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 906 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 907 NEG NEG TEM-OSBL(b) NEG NEG NEG CTX-M-14  
## 908 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 909 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 913 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 914 NEG NEG NEG NEG NEG NEG CTX-M-27  
## 915 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 916 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 917 NEG SHV-OSBL(b) NEG CTX-M-3 NEG NEG NEG  
## 918 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 920 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 921 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 922 NEG SHV-ESBL(e) TEM-OSBL(b) NEG NEG NEG NEG  
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## 927 NEG SHV-ESBL(e) TEM-OSBL(b) NEG NEG NEG NEG  
## 928 POS SHV-ESBL(e) TEM-OSBL(b) NEG NEG NEG NEG  
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## 930 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
## 931 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
## 932 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
## 933 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
## 934 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
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## 943 POS SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 944 POS SHV-ESBL(e) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 945 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 946 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 947 - NEG TEM-168(e) - - - -  
## 948 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 949 POS SHV-ESBL(e) TEM-OSBL(b) NEG NEG NEG NEG  
## 950 NEG NEG NEG NEG NEG NEG CTX-M-14  
## 951 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 952 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 960 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 965 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 984 NEG SHV-ESBL(e) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 986 NEG NEG NEG CTX-M-15 NEG NEG NEG  
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## 988 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 990 NEG NEG NEG CTX-M-15 NEG NEG NEG  
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## 992 POS NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 993 POS NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 994 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 995 NEG SHV-ESBL(e) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 1001 NEG NEG NEG NEG NEG NEG CTX-M-27  
## 1002 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 1006 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
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## 1017 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 1023 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 1026 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 1027 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1028 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 1054 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 1075 - NEG NEG - - - -  
## 1076 NEG NEG TEM-OSBL(b) NEG NEG NEG CTX-M-14  
## 1077 - NEG NEG - - - -  
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## 1079 - NEG NEG - - - -  
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## 1101 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1102 NEG NEG NEG CTX-M-15 NEG NEG NEG  
## 1103 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1104 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
## 1105 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1106 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1107 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1108 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1109 POS SHV-ESBL(e) TEM-OSBL(b) NEG NEG NEG NEG  
## 1110 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1111 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1112 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1113 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG NEG  
## 1114 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1115 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1116 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1117 POS SHV-ESBL(e) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1118 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1119 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
## 1120 POS SHV-ESBL(e) TEM-OSBL(b) NEG NEG NEG NEG  
## 1121 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG NEG  
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## 1123 - NEG NEG - - - -  
## 1124 - NEG NEG - - - -  
## 1125 NEG NEG NEG NEG NEG NEG CTX-M-27  
## 1126 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG NEG  
## 1127 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG NEG  
## 1128 Susceptible NEG NEG CTX-M-15 NEG NEG NEG  
## 1129 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG NEG  
## 1130 Resistant NEG TEM-OSBL CTX-M-15 NEG NEG NEG  
## 1131 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG NEG  
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## 1133 Resistant NEG TEM-OSBL CTX-M-15 NEG NEG NEG  
## 1134 Susceptible NEG NEG CTX-M-15 NEG NEG NEG  
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## 1017 NEG VIM-1 NEG NEG  
## 1018 NEG NEG NEG NEG  
## 1019 NEG NEG NEG NEG  
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## 1110 NEG NEG NEG NEG  
## 1111 NEG NEG NEG NEG  
## 1112 NEG NEG NEG NEG  
## 1113 NEG NEG NEG NEG  
## 1114 NEG NEG NEG NEG  
## 1115 NEG NEG NEG NEG  
## 1116 NEG NEG NEG NEG  
## 1117 NEG NEG NEG NEG  
## 1118 NEG NEG NEG NEG  
## 1119 NEG NEG NEG NEG  
## 1120 NEG NEG NEG NEG  
## 1121 NEG NEG NEG NEG  
## 1122 NEG VIM-2 NEG NEG  
## 1123 NEG VIM-2 NEG NEG  
## 1124 NEG VIM-2 NEG NEG  
## 1125 NEG NEG NEG NEG  
## 1126 NEG NEG NEG NEG  
## 1127 NEG NEG NEG NEG  
## 1128 NEG NEG NEG NEG  
## 1129 NEG NEG NEG NEG  
## 1130 NEG NEG NEG NEG  
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## 1143 NEG NEG NEG NEG  
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## 1145 NEG NEG NEG NEG  
## 1146 NEG NEG NEG NEG  
## 1147 NEG NEG NEG NEG  
## 1148 NEG NEG NEG NEG  
## 1149 NEG NEG NEG NEG  
## [ reached 'max' / getOption("max.print") -- omitted 803 rows ]

table(genedata\_non\_empty$Species)

##   
## Citrobacter freundii Enterobacter asburiae Enterobacter cloacae   
## 8 2 32   
## Enterobacter spp Escherichia coli Klebsiella oxytoca   
## 3 633 11   
## Klebsiella pneumoniae Klebsiella spp Klebsiella variicola   
## 1187 3 4   
## Morganella morganii Proteus mirabilis Providencia rettgeri   
## 3 27 4   
## Providencia spp Providencia stuartii Pseudomonas aeruginosa   
## 2 2 28   
## Serratia marcescens   
## 3

gene\_values <- map(genedata\_non\_empty[, non\_empty\_cols], unique)  
unique(genedata\_non\_empty$Species)

## [1] "Klebsiella pneumoniae" "Escherichia coli" "Proteus mirabilis"   
## [4] "Enterobacter cloacae" "Morganella morganii" "Enterobacter asburiae"   
## [7] "Pseudomonas aeruginosa" "Providencia rettgeri" "Klebsiella oxytoca"   
## [10] "Citrobacter freundii" "Klebsiella variicola" "Providencia stuartii"   
## [13] "Serratia marcescens" "Enterobacter spp" "Providencia spp"   
## [16] "Klebsiella spp"

###filtering by species  
species\_non\_empty <- genedata\_non\_empty %>%   
 filter(Species %in% c("Escherichia coli", "Klebsiella pneumoniae"))  
values <- map(species\_non\_empty, unique)  
non\_specie\_cols <- names(species\_non\_empty)[sapply(species\_non\_empty, function(x) !all(is.na(x) | x == ""))]  
non\_specie\_cols

## [1] "Isolate.Id" "Study"   
## [3] "Species" "Family"   
## [5] "Country" "Gender"   
## [7] "Age.Group" "Speciality"   
## [9] "Source" "In...Out.Patient"   
## [11] "Year" "Phenotype"   
## [13] "Amikacin" "Amikacin\_I"   
## [15] "Amoxycillin.clavulanate" "Amoxycillin.clavulanate\_I"  
## [17] "Ampicillin" "Ampicillin\_I"   
## [19] "Cefepime" "Cefepime\_I"   
## [21] "Ceftazidime" "Ceftazidime\_I"   
## [23] "Ceftriaxone" "Ceftriaxone\_I"   
## [25] "Imipenem" "Imipenem\_I"   
## [27] "Levofloxacin" "Levofloxacin\_I"   
## [29] "Meropenem" "Meropenem\_I"   
## [31] "Minocycline" "Minocycline\_I"   
## [33] "Piperacillin.tazobactam" "Piperacillin.tazobactam\_I"  
## [35] "Tigecycline" "Tigecycline\_I"   
## [37] "Ampicillin.sulbactam" "Ampicillin.sulbactam\_I"   
## [39] "Aztreonam" "Aztreonam\_I"   
## [41] "Aztreonam.avibactam" "Ceftaroline"   
## [43] "Ceftaroline\_I" "Ceftaroline.avibactam"   
## [45] "Ceftazidime.avibactam" "Ceftazidime.avibactam\_I"   
## [47] "Ciprofloxacin" "Ciprofloxacin\_I"   
## [49] "Colistin" "Colistin\_I"   
## [51] "Doripenem" "Doripenem\_I"   
## [53] "Ertapenem" "Ertapenem\_I"   
## [55] "Gentamicin" "Gentamicin\_I"   
## [57] "Trimethoprim.sulfa" "Trimethoprim.sulfa\_I"   
## [59] "Ceftolozane.tazobactam" "Ceftolozane.tazobactam\_I"   
## [61] "Cefoperazone.sulbactam" "Meropenem.vaborbactam"   
## [63] "Meropenem.vaborbactam\_I" "AMPC"   
## [65] "SHV" "TEM"   
## [67] "CTXM1" "CTXM2"   
## [69] "CTXM825" "CTXM9"   
## [71] "VEB" "PER"   
## [73] "GES" "ACC"   
## [75] "CMY1MOX" "CMY11"   
## [77] "DHA" "FOX"   
## [79] "ACTMIR" "KPC"   
## [81] "OXA" "NDM"   
## [83] "IMP" "VIM"   
## [85] "SPM" "GIM"

specieclean <- species\_non\_empty[, non\_specie\_cols]  
values\_specie\_clean1 <- map(specieclean, unique)  
  
###removing genes that were NEG or empty cells  
specieclean1 <- specieclean[, !(names(specieclean) %in% c("CTXM825", "ACC", "CMY1MOX", "FOX", "ACTMIR", "SPM", "GIM", "VEB", "GES", "IMP"))]  
values\_species <- map(specieclean1, unique)  
table(specieclean1$Country)

##   
## Cameroon Egypt Ivory Coast Kenya Morocco Nigeria   
## 37 94 48 77 248 597   
## South Africa   
## 719

###saving the cleaned data   
write\_csv(specieclean1, "Africa data cleaned.csv")  
print(specieclean1, width = 100)

## Isolate.Id Study Species Family Country Gender Age.Group  
## 1 1043173 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 2 1043175 Inform Escherichia coli Enterobacteriaceae Nigeria Female Unknown  
## 3 1043176 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 4 1043177 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 5 1043178 Inform Escherichia coli Enterobacteriaceae Nigeria Male Unknown  
## 6 1043182 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 7 1043183 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 8 1043184 Inform Escherichia coli Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 9 1043185 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 10 1043188 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 11 1043189 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 12 1043190 Inform Escherichia coli Enterobacteriaceae Nigeria Male Unknown  
## 13 1043196 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 14 1043203 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 15 1043205 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 16 1043206 Inform Escherichia coli Enterobacteriaceae Nigeria Male Unknown  
## 17 1043207 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 18 1043210 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 19 1043211 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 20 1043213 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 21 1043214 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 22 1043215 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 23 1043216 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 24 1043217 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 25 1043218 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 26 1043220 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female Unknown  
## 27 1043229 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 28 1043231 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 29 1043232 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 30 1043233 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male Unknown  
## 31 1043234 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 32 1043235 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 33 1043236 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 34 1043238 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 35 1043239 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 36 1043240 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female Unknown  
## 37 1043241 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 38 1043242 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 39 1043243 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 40 1043244 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 41 1043245 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 42 1043246 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 43 1043247 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 44 1043249 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 45 1043250 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female Unknown  
## 46 1043252 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 47 1043254 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male Unknown  
## 48 1046132 Inform Escherichia coli Enterobacteriaceae Kenya Female 65 to 84 Years  
## 49 1046133 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 50 1046134 Inform Escherichia coli Enterobacteriaceae Kenya Male 19 to 64 Years  
## 51 1046135 Inform Escherichia coli Enterobacteriaceae Kenya Male 19 to 64 Years  
## 52 1046136 Inform Escherichia coli Enterobacteriaceae Kenya Female 3 to 12 Years  
## 53 1046137 Inform Escherichia coli Enterobacteriaceae Kenya Female 85 and Over  
## 54 1046141 Inform Escherichia coli Enterobacteriaceae Kenya Male 19 to 64 Years  
## 55 1046144 Inform Escherichia coli Enterobacteriaceae Kenya Male 65 to 84 Years  
## 56 1046147 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 57 1046149 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 58 1046151 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 59 1046152 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 60 1046153 Inform Escherichia coli Enterobacteriaceae Kenya Male 65 to 84 Years  
## 61 1046156 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 62 1046157 Inform Escherichia coli Enterobacteriaceae Kenya Male 19 to 64 Years  
## 63 1046158 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 64 1046159 Inform Escherichia coli Enterobacteriaceae Kenya Female 65 to 84 Years  
## 65 1046161 Inform Escherichia coli Enterobacteriaceae Kenya Female 0 to 2 Years  
## 66 1046162 Inform Escherichia coli Enterobacteriaceae Kenya Female 0 to 2 Years  
## 67 1046164 Inform Escherichia coli Enterobacteriaceae Kenya Male 65 to 84 Years  
## 68 1046184 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 69 1046189 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 65 to 84 Years  
## 70 1046192 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 71 1046194 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 65 to 84 Years  
## 72 1046198 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 19 to 64 Years  
## 73 1046200 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 74 1058885 Inform Escherichia coli Enterobacteriaceae Kenya Male 19 to 64 Years  
## 75 1058895 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 76 1058896 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 3 to 12 Years  
## 77 1058897 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 85 and Over  
## 78 1058899 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 3 to 12 Years  
## 79 1058901 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 65 to 84 Years  
## 80 1058921 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 81 1058930 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 82 1058931 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 19 to 64 Years  
## 83 1058940 Inform Escherichia coli Enterobacteriaceae Kenya Male 65 to 84 Years  
## 84 1058941 Inform Escherichia coli Enterobacteriaceae Kenya Male 65 to 84 Years  
## 85 1058988 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 65 to 84 Years  
## 86 1088139 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 87 1088143 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 88 1088166 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 89 1088167 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 90 1088168 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 91 1088171 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 92 1088172 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 93 1088173 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 94 1088174 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 95 1088177 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 96 1088179 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 97 1088180 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 98 1088181 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 99 1088185 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 100 1088187 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 101 1093607 Inform Escherichia coli Enterobacteriaceae South Africa Male 0 to 2 Years  
## 102 1093610 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 103 1093623 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 104 1093624 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 105 1093635 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 13 to 18 Years  
## 106 1093636 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 107 1093640 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 108 1093641 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 109 1093647 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 110 1093649 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 111 1093650 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 112 1093651 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 113 1093652 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 3 to 12 Years  
## 114 1093881 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 115 1093883 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 116 1093894 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 117 1101522 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 118 1101526 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 119 1101528 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 120 1101537 Inform Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 121 1101541 Inform Escherichia coli Enterobacteriaceae South Africa Female 0 to 2 Years  
## 122 1101544 Inform Escherichia coli Enterobacteriaceae South Africa Female 13 to 18 Years  
## 123 1101545 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 13 to 18 Years  
## 124 1101548 Inform Escherichia coli Enterobacteriaceae South Africa Female 0 to 2 Years  
## 125 1101555 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 126 1101582 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 127 1101585 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 128 1101596 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 129 1101597 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 130 1101602 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 131 1101609 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 132 1101610 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 133 1105256 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 134 1105267 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa 65 to 84 Years  
## 135 1105268 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 136 1105273 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 137 1105286 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 138 1105394 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 139 1105402 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 140 1105429 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 141 1106357 Inform Escherichia coli Enterobacteriaceae Kenya Female 65 to 84 Years  
## 142 1106363 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 143 1106365 Inform Escherichia coli Enterobacteriaceae Kenya Male 65 to 84 Years  
## 144 1106366 Inform Escherichia coli Enterobacteriaceae Kenya Male 19 to 64 Years  
## 145 1106371 Inform Escherichia coli Enterobacteriaceae Kenya Male 19 to 64 Years  
## 146 1106377 Inform Escherichia coli Enterobacteriaceae Kenya Male 65 to 84 Years  
## 147 1106379 Inform Escherichia coli Enterobacteriaceae Kenya Male 19 to 64 Years  
## 148 1106386 Inform Escherichia coli Enterobacteriaceae Kenya Male 0 to 2 Years  
## 149 1106390 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 19 to 64 Years  
## 150 1106391 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 151 1106394 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 152 1106396 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 0 to 2 Years  
## 153 1106397 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 154 1106398 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 155 1106400 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 0 to 2 Years  
## 156 1106402 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 65 to 84 Years  
## 157 1106403 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male Unknown  
## 158 1106406 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 65 to 84 Years  
## 159 1106407 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 160 1106410 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 65 to 84 Years  
## 161 1106411 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 162 1106413 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female Unknown  
## 163 1106414 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 85 and Over  
## 164 1106416 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 85 and Over  
## 165 1106417 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 65 to 84 Years  
## 166 1106418 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 65 to 84 Years  
## 167 1106420 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 168 1106422 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female Unknown  
## 169 1106424 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 170 1106510 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 171 1106511 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 19 to 64 Years  
## 172 1106661 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 19 to 64 Years  
## 173 1106662 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 19 to 64 Years  
## 174 1106684 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Male 3 to 12 Years  
## 175 1106741 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 176 1106747 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 177 1106748 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 178 1106749 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 179 1106753 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 180 1106754 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 181 1106756 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 182 1106758 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 183 1106762 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 184 1106767 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female Unknown  
## 185 1106769 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 186 1106770 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 187 1122829 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 188 1122840 Inform Escherichia coli Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 189 1122841 Inform Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 190 1122843 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 191 1122844 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 192 1122848 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 193 1122852 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 13 to 18 Years  
## 194 1122853 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 195 1122856 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 196 1122858 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 197 1122860 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 198 1122903 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 199 1122908 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 200 1122913 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 201 1122915 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 202 1122925 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 203 1122928 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 204 1122935 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 205 1122936 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 206 1122956 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 207 1122957 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 208 1122961 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 209 1122964 Inform Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 210 1122973 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 211 1122985 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 212 1122989 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 213 1123001 Inform Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 214 1123005 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 215 1123010 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 216 1123011 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 217 1123014 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 218 1123019 Inform Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 219 1123020 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 220 1123021 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 221 1123022 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 222 1123023 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 223 1123024 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 224 1143068 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 225 1143069 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 226 1143071 Inform Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 227 1143078 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 228 1143080 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 229 1143083 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 230 1143094 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 231 1143095 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 232 1143096 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 233 1143099 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 234 1143101 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 235 1143103 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 236 1143106 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 237 1143110 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 238 1143111 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 239 1143113 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 240 1143115 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 241 1143116 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 242 1143119 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 243 1143124 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 244 1143126 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 245 1143131 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 246 1143136 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 247 1143142 Inform Escherichia coli Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 248 1143153 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 249 1143161 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 250 1143168 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 251 1143175 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 252 1143176 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 253 1143178 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 254 1143180 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 255 1143183 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 256 1143184 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 85 and Over  
## 257 1143185 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 258 1143188 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 259 1143190 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 260 1143193 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 13 to 18 Years  
## 261 1143196 Inform Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 262 1143201 Inform Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 263 1143202 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 264 1143203 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 265 1143209 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 266 1143223 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 267 1143226 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 268 1143250 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria 65 to 84 Years  
## 269 1143264 Inform Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 270 1143271 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 271 1143292 Inform Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 272 1147314 Inform Escherichia coli Enterobacteriaceae Kenya Female 19 to 64 Years  
## 273 1147317 Inform Escherichia coli Enterobacteriaceae Kenya Male 19 to 64 Years  
## 274 1147320 Inform Escherichia coli Enterobacteriaceae Kenya Female 85 and Over  
## 275 1147329 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 19 to 64 Years  
## 276 1147336 Inform Klebsiella pneumoniae Enterobacteriaceae Kenya Female 19 to 64 Years  
## 277 1227225 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 278 1248554 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 279 1248557 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 280 1248562 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 281 1248668 Inform Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 282 1248672 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 283 1248682 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 284 1248684 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 285 1248685 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 286 1248686 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 287 1248689 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 288 1248694 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 289 1285827 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 290 1285865 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 291 1285913 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 292 1285917 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa 65 to 84 Years  
## 293 1285928 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 294 1285933 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 295 1285937 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 296 1317264 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 297 1317265 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 298 1317271 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 299 1317272 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 300 1317273 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 301 1317278 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 302 1317280 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 303 1317282 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 304 1317286 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 305 1317287 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 306 1317289 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 307 1317294 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 308 1317299 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 309 1317303 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 310 1317348 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 85 and Over  
## 311 1317494 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 312 1317499 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 313 1317504 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 314 1424973 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 315 1424985 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 316 1424986 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 317 1424988 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 318 1424989 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 319 1424990 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 320 1424992 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 321 1424994 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 322 1425094 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 323 1425110 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 324 1425115 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 325 1425116 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 326 1425119 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 327 1425129 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 328 1425139 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 329 1429518 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 330 1429530 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 331 1429533 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 332 1429534 Inform Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 333 1429535 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 334 1429536 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 335 1429546 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 336 1429548 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 337 1429549 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 338 1429553 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 339 1429554 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 340 1429560 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 341 1429561 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 342 1429562 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 343 1429654 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 13 to 18 Years  
## 344 1429662 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 345 1429690 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 346 1430720 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 347 1430724 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 348 1430725 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 349 1430726 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 350 1430728 Inform Escherichia coli Enterobacteriaceae South Africa Female 0 to 2 Years  
## 351 1430734 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 352 1430736 Inform Escherichia coli Enterobacteriaceae South Africa Female 0 to 2 Years  
## 353 1430738 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 354 1430742 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 355 1430749 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 356 1430753 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 357 1430756 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 358 1430759 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 3 to 12 Years  
## 359 1430760 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 360 1430761 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 361 1430762 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 362 1430763 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 363 1430764 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 364 1430765 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 365 1430767 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 366 1430768 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 367 1430769 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 3 to 12 Years  
## 368 1430770 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 369 1430772 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 370 1430773 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 371 1430775 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 372 1430776 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 373 1430777 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 374 1430778 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 375 1430779 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 376 1430783 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 377 1430785 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 378 1430939 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 379 1487023 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 380 1487054 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 381 1487061 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 382 1487062 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 383 1487063 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 384 1487089 Inform Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 385 1487093 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 85 and Over  
## 386 1487106 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 387 1487114 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 388 1487147 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 389 1487150 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 390 1487153 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 391 1487159 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 392 1487160 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 393 1487169 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 394 1487182 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 395 1487202 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 396 1487207 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 397 1487210 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 398 1487211 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 399 1487213 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 400 1487223 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 401 1487225 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 402 1487227 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 403 1487229 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 404 1487233 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 405 1487234 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 406 1487254 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 407 1597862 Inform Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 408 1597873 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 409 1597874 Inform Escherichia coli Enterobacteriaceae South Africa Male 85 and Over  
## 410 1597876 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 411 1597877 Inform Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 412 1597880 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 413 1597882 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 414 1597883 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 415 1597884 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 13 to 18 Years  
## 416 1598030 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 417 1598039 Inform Escherichia coli Enterobacteriaceae South Africa Female 13 to 18 Years  
## 418 1598046 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 419 1598047 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 420 1598048 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 421 1598055 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 422 1598057 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 423 1598060 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 424 1598066 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 425 1598068 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 426 1598070 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 427 1611693 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 428 1611695 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 429 1611696 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 430 1611701 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 431 1611729 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 432 1611740 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 433 1611745 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 434 1611747 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 435 1611748 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 85 and Over  
## 436 1611750 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 437 1611754 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 438 1611776 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 439 1611793 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 440 1611798 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 441 1611822 Inform Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 442 1611826 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 443 1611828 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 444 1611855 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 445 1611857 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 446 1611858 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 447 1611872 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 448 1611889 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 449 1611890 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 450 1611893 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 451 1614091 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 452 1614101 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 453 1614117 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 454 1614118 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 455 1614123 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 456 1614130 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 457 1614133 Inform Escherichia coli Enterobacteriaceae South Africa Female 85 and Over  
## 458 1614141 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 459 1614144 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 460 1614149 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 461 1614154 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 3 to 12 Years  
## 462 1614166 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 463 1614205 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 464 1614211 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 465 1614212 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 466 1614214 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 467 1614220 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 468 1614234 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 469 1614241 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 470 1614244 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 471 1614247 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 472 1614248 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 473 1614255 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 474 1614265 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 475 1614267 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 476 1614270 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 477 1614284 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 478 1614294 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 479 1614300 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 480 1614301 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 481 1614302 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 482 165583 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 483 165588 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 484 165607 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 485 1662393 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 486 1662395 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female Unknown  
## 487 1662396 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female Unknown  
## 488 1662397 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 489 1662398 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 490 1662399 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female Unknown  
## 491 1662400 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male Unknown  
## 492 1662401 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female Unknown  
## 493 1662403 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 494 1662404 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 495 1662405 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 496 1662406 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female Unknown  
## 497 1662408 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 498 1662409 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 499 1662410 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 500 1662411 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male Unknown  
## 501 1662412 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 502 1662414 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 503 1662415 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 504 1662416 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 505 1662417 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 506 1662418 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 507 1662419 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 13 to 18 Years  
## 508 1662420 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 509 1662422 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male Unknown  
## 510 1662423 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 511 1662425 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 512 1662428 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 513 1662432 Inform Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 514 1662437 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 515 1662438 Inform Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 516 1662452 Inform Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 517 1662454 Inform Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 518 170383 TEST Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 519 1777743 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 520 1777763 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 521 1777764 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 522 1777767 Atlas Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 523 1777768 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 524 1777779 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 525 1777804 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 526 1777806 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 527 1777809 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 528 1777810 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 529 1777812 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 530 1777815 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 531 1777816 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 532 1777819 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 533 1777822 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 534 1777823 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 535 1777825 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 536 1777939 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 537 1777949 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 538 1777951 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 539 1777952 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 540 1777963 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 541 1777964 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 542 1777973 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 543 1777976 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 544 1778074 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 545 1804410 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 546 1804411 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 547 1804415 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 548 1804416 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 549 1804417 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 550 1804418 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 551 1804419 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 552 1804420 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 13 to 18 Years  
## 553 1804421 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 554 1804422 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 555 1804423 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 556 1804424 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 557 1804425 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 558 1804427 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 559 1804428 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 560 1804429 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 561 1804431 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 562 1804432 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 563 1804452 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 564 1804457 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 565 1804459 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 566 1804461 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 567 1804463 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 568 1804464 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 569 1804466 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 570 1804468 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 571 1804472 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 572 1804486 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 573 1804493 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 574 1804502 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 575 1804505 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 576 1804512 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 13 to 18 Years  
## 577 1804517 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 578 1804518 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 579 1804523 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 580 1804526 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 581 1804534 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 582 1804537 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 583 1804538 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 584 1804539 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 13 to 18 Years  
## 585 1809685 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 586 1809693 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 587 1809697 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 588 1809698 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 589 1809709 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 590 1809714 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 591 1809719 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 592 1809730 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 593 1809735 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 594 1809738 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 595 1809748 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 596 1809749 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 597 1809752 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 598 1809755 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 599 1809756 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 600 1809763 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 601 1809769 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 602 1809781 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 603 1809793 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 604 1809795 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 605 1809796 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 606 1809801 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 607 1809805 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 13 to 18 Years  
## 608 1809818 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 609 1809825 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 610 1809828 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 13 to 18 Years  
## 611 1809830 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 612 1809834 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 613 1809844 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 614 1809850 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 615 1809861 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 616 1809862 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 617 1809867 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 618 1809880 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 619 1809881 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 620 1809889 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 621 1809891 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 622 1809910 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 623 1809914 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 624 1809918 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 625 1809920 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 626 1809921 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 627 1809923 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 628 1809930 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 629 1809931 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 630 1809937 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 631 1809938 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 632 1809939 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 633 1809940 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 634 1809942 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 635 1809967 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 636 1809970 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 637 1809971 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 638 1809973 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 639 1809975 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 640 1809984 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 641 1809986 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 642 1809996 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 643 1809997 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 644 1810002 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 645 1810026 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 646 1810041 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 647 1810049 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 85 and Over  
## 648 1838488 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 649 1838489 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 650 1838490 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 651 1838492 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 652 1838494 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 653 1838502 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 654 1838503 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 655 1838515 Atlas Escherichia coli Enterobacteriaceae South Africa Female 85 and Over  
## 656 1838524 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 85 and Over  
## 657 1838526 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 13 to 18 Years  
## 658 1838533 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 659 1838536 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 13 to 18 Years  
## 660 1838542 Atlas Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 661 1838543 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 662 1838553 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 663 1838556 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 664 1838560 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 85 and Over  
## 665 1838568 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 666 1838584 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 667 1838603 Atlas Escherichia coli Enterobacteriaceae South Africa Female 85 and Over  
## 668 1838613 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 669 1873631 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 670 1873632 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male Unknown  
## 671 1873633 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 672 1873634 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 673 1873636 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 674 1873637 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 675 1873639 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female Unknown  
## 676 1873640 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 677 1873641 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 678 1873644 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 679 1873645 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 680 1873647 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 681 1873649 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 682 1873651 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 683 1873653 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male Unknown  
## 684 1873654 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 685 1873656 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 686 1873657 Atlas Escherichia coli Enterobacteriaceae South Africa Unknown  
## 687 1873660 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 688 1873665 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 689 1873666 Atlas Escherichia coli Enterobacteriaceae South Africa Male 0 to 2 Years  
## 690 1873669 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 691 1873675 Atlas Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 692 1873678 Atlas Escherichia coli Enterobacteriaceae South Africa Male 3 to 12 Years  
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## 695 1905262 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 696 1905263 Atlas Escherichia coli Enterobacteriaceae Morocco Male 65 to 84 Years  
## 697 1905265 Atlas Escherichia coli Enterobacteriaceae Morocco Female 65 to 84 Years  
## 698 1905266 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 699 1905268 Atlas Escherichia coli Enterobacteriaceae Morocco Female 85 and Over  
## 700 1905272 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 701 1905275 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 702 1905276 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 703 1905280 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 704 1905282 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 705 1905285 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 706 1905300 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 65 to 84 Years  
## 707 1905302 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 708 1905416 Atlas Escherichia coli Enterobacteriaceae Morocco Male 19 to 64 Years  
## 709 1905424 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 710 1905427 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male Unknown  
## 711 1906183 Atlas Escherichia coli Enterobacteriaceae Morocco Male 19 to 64 Years  
## 712 1906193 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 713 1906200 Atlas Escherichia coli Enterobacteriaceae Morocco Female 3 to 12 Years  
## 714 1906204 Atlas Escherichia coli Enterobacteriaceae Morocco Male 19 to 64 Years  
## 715 1906205 Atlas Escherichia coli Enterobacteriaceae Morocco Male 65 to 84 Years  
## 716 1906227 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 717 1906228 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 718 1906229 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 719 1906230 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 720 1906231 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 721 1906232 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 722 1906234 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 723 1906235 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 724 1906236 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 725 1906238 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 726 1906240 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
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## 728 1906242 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 729 1906243 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
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## 731 1906245 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 732 1906246 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 733 1906247 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 3 to 12 Years  
## 734 1906248 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 735 1906249 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 13 to 18 Years  
## 736 1920916 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
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## 738 1920918 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 739 1920919 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 740 1920920 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 3 to 12 Years  
## 741 1920921 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 742 1920924 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male Unknown  
## 743 1920926 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 744 1920928 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 745 1920930 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 746 1920931 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 747 1920932 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 13 to 18 Years  
## 748 1920935 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 3 to 12 Years  
## 749 1920936 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
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## 751 1920938 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 752 1920939 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 753 1920940 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 754 1920948 Atlas Escherichia coli Enterobacteriaceae Morocco Female 0 to 2 Years  
## 755 1920964 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 756 1920965 Atlas Escherichia coli Enterobacteriaceae Morocco Male 65 to 84 Years  
## 757 1921102 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 758 1975247 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 759 1975262 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 760 1975263 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
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## 766 1975297 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
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## 768 1975324 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 769 1975325 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 770 1975328 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 771 1975332 Atlas Escherichia coli Enterobacteriaceae South Africa Female 85 and Over  
## 772 1975343 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
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## 781 1975457 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 782 1978351 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
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## 784 1978357 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 785 1978358 Atlas Escherichia coli Enterobacteriaceae Nigeria 19 to 64 Years  
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## 806 1978420 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 807 1978428 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
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## 810 1978436 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 811 1978443 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 3 to 12 Years  
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## 817 1978462 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 818 1978463 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
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## 822 1978480 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
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## 825 1978541 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
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## 827 1978555 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 828 1979045 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 829 1979047 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 830 1979052 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 831 1979055 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
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## 835 1979080 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 836 1979088 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 85 and Over  
## 837 1979090 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 838 1979091 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
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## 842 1979120 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
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## 844 1979135 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 845 1979149 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 846 1979150 Atlas Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 847 1979151 Atlas Escherichia coli Enterobacteriaceae South Africa Female 85 and Over  
## 848 1979152 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 849 1979153 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
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## 855 1986012 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
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## 857 1986015 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 858 1986016 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 859 1986017 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 860 1986018 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 3 to 12 Years  
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## 862 1986024 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 3 to 12 Years  
## 863 1986025 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 3 to 12 Years  
## 864 1986026 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 865 1986030 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 65 to 84 Years  
## 866 1986032 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 867 1986034 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
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## 875 2000929 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
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## 881 2001033 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 85 and Over  
## 882 2001106 Atlas Escherichia coli Enterobacteriaceae South Africa Male 65 to 84 Years  
## 883 2001137 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
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## 885 2001143 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
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## 888 2001147 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 889 2001149 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 890 2001160 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 891 2001161 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 892 2001165 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 13 to 18 Years  
## 893 2001170 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 894 2001175 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 895 2001182 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 896 2001184 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 897 2001186 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 898 2001196 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 899 2001197 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 900 2001200 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 901 2001207 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 902 2001209 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 903 2001222 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 904 2001248 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 905 2001250 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 906 2001255 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 907 2001258 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 908 2001261 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 909 2001262 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 910 2001288 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 85 and Over  
## 911 2001289 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 912 2001291 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 913 2001292 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 914 2001293 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 915 2001294 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 916 2001296 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 917 2001308 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 918 2001311 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 919 2001314 Atlas Escherichia coli Enterobacteriaceae Nigeria Male Unknown  
## 920 2001315 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Unknown  
## 921 2001316 Atlas Escherichia coli Enterobacteriaceae Nigeria Male Unknown  
## 922 2001348 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 923 2027449 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 924 2027469 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 925 2027477 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 926 2027478 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 3 to 12 Years  
## 927 2027481 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 928 2027486 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 929 2027487 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 930 2027489 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 931 2027492 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 932 2027495 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 933 2027496 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 934 2027497 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 935 2027499 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 936 2027500 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 937 2027501 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 938 2027504 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 939 2027548 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 940 2044539 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 941 2044541 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 942 2044542 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 943 2044548 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 944 2044549 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 945 2044559 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 946 2044562 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 947 2044563 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 948 2044565 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Unknown  
## 949 2044566 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 950 2044567 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 951 2044568 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 952 2044569 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 953 2044570 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 954 2044572 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 955 2044575 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 956 2044591 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 957 2044595 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 958 2044596 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 959 2044603 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 960 2044604 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 961 2044608 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 962 2044613 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 963 2044614 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 964 2044615 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 965 2044620 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 966 2044627 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 967 2044628 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 968 2044629 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 969 2044630 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 970 2044633 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 971 2044634 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 972 2044638 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 973 2044645 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 974 2044648 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 975 2044651 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 976 2044655 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 977 2044659 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 978 2044660 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 979 2044665 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 980 2044667 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 981 2044668 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 982 2044669 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 983 2044673 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 984 2044675 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 985 2044677 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 986 2044679 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 987 2044681 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 988 2044688 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 989 2044696 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 990 2044710 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 991 2044713 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 992 2044716 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 993 2044726 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 994 2044737 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 995 2050387 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 65 to 84 Years  
## 996 2050397 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 997 2050399 Atlas Escherichia coli Enterobacteriaceae Morocco Male 19 to 64 Years  
## 998 2050403 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 65 to 84 Years  
## 999 2050408 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1000 2050409 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1001 2050410 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 85 and Over  
## 1002 2050416 Atlas Escherichia coli Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1003 2050418 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1004 2050426 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1005 2050428 Atlas Escherichia coli Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1006 2050430 Atlas Escherichia coli Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1007 2050431 Atlas Escherichia coli Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1008 2050433 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1009 2050436 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 1010 2050469 Atlas Escherichia coli Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1011 2050471 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1012 2050525 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 65 to 84 Years  
## 1013 2050526 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1014 2050527 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1015 2050530 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1016 2050533 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1017 2057263 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1018 2057271 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 3 to 12 Years  
## 1019 2057272 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1020 2057274 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 1021 2057275 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1022 2057276 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1023 2057278 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 1024 2057280 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1025 2057283 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1026 2057285 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1027 2057286 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 1028 2057287 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1029 2057288 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1030 2057290 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 3 to 12 Years  
## 1031 2057291 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1032 2057292 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 1033 2057293 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 1034 2057294 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1035 2057295 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1036 2057296 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1037 2105162 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1038 2234938 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1039 2234940 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1040 2234956 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1041 2234962 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1042 2234964 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1043 2234973 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1044 2234978 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 13 to 18 Years  
## 1045 2234984 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1046 2234992 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1047 2235002 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1048 2235010 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1049 2235033 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1050 2235045 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1051 2235057 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1052 2240124 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 1053 2240126 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1054 2240127 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1055 2240129 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1056 2240132 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1057 2240133 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1058 2240138 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1059 2240142 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1060 2240143 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1061 2240145 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1062 2240147 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 1063 2240148 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1064 2242856 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1065 2242860 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1066 2242885 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1067 2242921 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1068 2242935 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1069 2242961 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 1070 2242965 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1071 2242983 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male Unknown  
## 1072 2242985 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 13 to 18 Years  
## 1073 2243000 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1074 2243014 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1075 2243017 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 85 and Over  
## 1076 2249637 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1077 2249639 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 13 to 18 Years  
## 1078 2249641 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1079 2249646 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1080 2249647 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 13 to 18 Years  
## 1081 2249649 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1082 2249651 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1083 2249655 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1084 2249657 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1085 2249659 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1086 2249660 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1087 2249663 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1088 2249667 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1089 2249676 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1090 2249680 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 1091 2249694 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1092 2249717 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1093 2249726 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1094 2249727 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 13 to 18 Years  
## 1095 2249730 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1096 2249736 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 1097 2249744 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female Unknown  
## 1098 2249754 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1099 2249756 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1100 2249767 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 13 to 18 Years  
## 1101 2249769 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 1102 2249770 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1103 2249771 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 1104 2249774 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1105 2249778 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 1106 2249782 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1107 2249784 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1108 2249786 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1109 2249792 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1110 2249794 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1111 2249803 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1112 2249811 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 1113 2249843 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female Unknown  
## 1114 2249857 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1115 2249871 Atlas Escherichia coli Enterobacteriaceae Nigeria 19 to 64 Years  
## 1116 2249877 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 1117 2249882 Atlas Escherichia coli Enterobacteriaceae Nigeria Male Unknown  
## 1118 2249884 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria 19 to 64 Years  
## 1119 2249886 Atlas Escherichia coli Enterobacteriaceae Nigeria Female Unknown  
## 1120 2249894 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1121 2250467 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1122 2250469 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1123 2250476 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1124 2250492 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1125 2250496 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1126 2250497 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1127 2250502 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1128 2250507 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 1129 2250509 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1130 2250516 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1131 2250522 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1132 2250586 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 1133 2251087 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1134 2251094 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 1135 2251097 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 3 to 12 Years  
## 1136 2251100 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1137 2251101 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 1138 2251103 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 0 to 2 Years  
## 1139 2251104 Atlas Escherichia coli Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1140 2251107 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1141 2251110 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 1142 2251112 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1143 2251119 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 1144 2251123 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 1145 2251127 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 1146 2251313 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1147 2251314 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1148 2251315 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1149 2251316 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1150 2251343 Atlas Escherichia coli Enterobacteriaceae Nigeria Female Unknown  
## 1151 2251407 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1152 2251408 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1153 2251420 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1154 2251421 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 85 and Over  
## 1155 2251424 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 1156 2251428 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1157 2251429 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1158 2251465 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 1159 2251505 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1160 2251519 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1161 2251546 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1162 2251558 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1163 2251879 Atlas Escherichia coli Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1164 2251890 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 3 to 12 Years  
## 1165 2251893 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 65 to 84 Years  
## 1166 2251894 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 65 to 84 Years  
## 1167 2251904 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1168 2251905 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 65 to 84 Years  
## 1169 2251907 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 3 to 12 Years  
## 1170 2251953 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1171 2259891 Atlas Escherichia coli Enterobacteriaceae South Africa Female 0 to 2 Years  
## 1172 2259893 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1173 2259894 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1174 2259899 Atlas Escherichia coli Enterobacteriaceae South Africa Female 0 to 2 Years  
## 1175 2259908 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1176 2259927 Atlas Escherichia coli Enterobacteriaceae South Africa Male 0 to 2 Years  
## 1177 2259935 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1178 2259936 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1179 2259937 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 1180 2259961 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 1181 2259962 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1182 2259973 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1183 2259978 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1184 2260014 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1185 2260015 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1186 2260016 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 1187 2260077 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1188 2260078 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1189 2260079 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1190 2260091 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1191 2260108 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1192 2269928 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1193 2269957 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1194 2269960 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1195 2269961 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1196 2269966 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1197 2269971 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1198 2269973 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 3 to 12 Years  
## 1199 2269975 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1200 2269976 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female Unknown  
## 1201 2269983 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1202 2269984 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 1203 2269986 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1204 2269988 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male Unknown  
## 1205 2269989 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1206 2269990 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1207 2269991 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1208 2271661 Atlas Escherichia coli Enterobacteriaceae Morocco Female 65 to 84 Years  
## 1209 2271668 Atlas Escherichia coli Enterobacteriaceae Morocco Male 13 to 18 Years  
## 1210 2271681 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1211 2271684 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1212 2271694 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1213 2271695 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1214 2271696 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 19 to 64 Years  
## 1215 2271698 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1216 2271701 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 0 to 2 Years  
## 1217 2271702 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Male 65 to 84 Years  
## 1218 2271703 Atlas Klebsiella pneumoniae Enterobacteriaceae Morocco Female 19 to 64 Years  
## 1219 2291102 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 0 to 2 Years  
## 1220 2291111 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 19 to 64 Years  
## 1221 2291117 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 0 to 2 Years  
## 1222 2291120 Atlas Escherichia coli Enterobacteriaceae Ivory Coast Female 65 to 84 Years  
## 1223 2291124 Atlas Escherichia coli Enterobacteriaceae Ivory Coast Female 0 to 2 Years  
## 1224 2291125 Atlas Escherichia coli Enterobacteriaceae Ivory Coast Male 19 to 64 Years  
## 1225 2291128 Atlas Escherichia coli Enterobacteriaceae Ivory Coast Female 0 to 2 Years  
## 1226 2291130 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 0 to 2 Years  
## 1227 2291136 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 0 to 2 Years  
## 1228 2291141 Atlas Escherichia coli Enterobacteriaceae Ivory Coast Male 19 to 64 Years  
## 1229 2291145 Atlas Escherichia coli Enterobacteriaceae Ivory Coast Female 0 to 2 Years  
## 1230 2291148 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 0 to 2 Years  
## 1231 2291151 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 19 to 64 Years  
## 1232 2291154 Atlas Escherichia coli Enterobacteriaceae Ivory Coast Female 19 to 64 Years  
## 1233 2291161 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Female 0 to 2 Years  
## 1234 2291164 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 19 to 64 Years  
## 1235 2291178 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Female 19 to 64 Years  
## 1236 2291188 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 19 to 64 Years  
## 1237 2291198 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Female 65 to 84 Years  
## 1238 2291200 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Female 19 to 64 Years  
## 1239 2291203 Atlas Klebsiella pneumoniae Enterobacteriaceae Ivory Coast Male 19 to 64 Years  
## 1240 2297094 Atlas Klebsiella pneumoniae Enterobacteriaceae Cameroon Female 19 to 64 Years  
## 1241 2297143 Atlas Klebsiella pneumoniae Enterobacteriaceae Cameroon Female 65 to 84 Years  
## 1242 2297176 Atlas Klebsiella pneumoniae Enterobacteriaceae Cameroon Female 19 to 64 Years  
## 1243 2297192 Atlas Escherichia coli Enterobacteriaceae Cameroon Female 19 to 64 Years  
## 1244 2297195 Atlas Escherichia coli Enterobacteriaceae Cameroon Female 19 to 64 Years  
## 1245 2297202 Atlas Escherichia coli Enterobacteriaceae Cameroon Female 19 to 64 Years  
## 1246 2297210 Atlas Escherichia coli Enterobacteriaceae Cameroon Male 0 to 2 Years  
## 1247 2297249 Atlas Escherichia coli Enterobacteriaceae Cameroon Female 65 to 84 Years  
## 1248 2297300 Atlas Escherichia coli Enterobacteriaceae Cameroon Male 19 to 64 Years  
## 1249 2352050 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1250 2352052 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1251 2352055 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 1252 2352061 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 0 to 2 Years  
## 1253 2352071 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1254 2352073 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1255 2352075 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1256 2352078 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1257 2352082 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1258 2352085 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1259 2352087 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1260 2352090 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1261 2352093 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1262 2352095 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1263 2352122 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1264 2352160 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 1265 2352164 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1266 2352165 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 1267 2352168 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1268 2352172 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 65 to 84 Years  
## 1269 2352173 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 3 to 12 Years  
## 1270 2352200 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 0 to 2 Years  
## 1271 2352204 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 1272 2352205 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 65 to 84 Years  
## 1273 2352213 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1274 2352223 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1275 2352232 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1276 2352244 Atlas Escherichia coli Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1277 2352248 Atlas Escherichia coli Enterobacteriaceae Nigeria 19 to 64 Years  
## 1278 2352252 Atlas Escherichia coli Enterobacteriaceae Nigeria 19 to 64 Years  
## 1279 2352257 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria 3 to 12 Years  
## 1280 2352260 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria 0 to 2 Years  
## 1281 2352266 Atlas Escherichia coli Enterobacteriaceae Nigeria 19 to 64 Years  
## 1282 2352267 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria 65 to 84 Years  
## 1283 2352282 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 19 to 64 Years  
## 1284 2352293 Atlas Klebsiella pneumoniae Enterobacteriaceae Nigeria Male 3 to 12 Years  
## 1285 2352294 Atlas Escherichia coli Enterobacteriaceae Nigeria Female 19 to 64 Years  
## 1286 2354489 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 1287 2354492 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1288 2354493 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1289 2354495 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1290 2354508 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1291 2354510 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1292 2354514 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1293 2354518 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1294 2360503 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1295 2360568 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1296 2360573 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1297 2360597 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1298 2360607 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 1299 2360638 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 1300 2360641 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Female 0 to 2 Years  
## 1301 2360666 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1302 2360674 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 65 to 84 Years  
## 1303 2360675 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1304 2360692 Atlas Klebsiella pneumoniae Enterobacteriaceae South Africa Male 0 to 2 Years  
## 1305 2360738 Atlas Escherichia coli Enterobacteriaceae South Africa Male 0 to 2 Years  
## 1306 2360740 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1307 2360741 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1308 2361338 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1309 2361347 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## 1310 2361350 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1311 2361351 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1312 2361352 Atlas Escherichia coli Enterobacteriaceae South Africa Female 65 to 84 Years  
## 1313 2361355 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1314 2361356 Atlas Escherichia coli Enterobacteriaceae South Africa Male 19 to 64 Years  
## 1315 2361376 Atlas Escherichia coli Enterobacteriaceae South Africa Female 19 to 64 Years  
## Speciality Source In...Out.Patient Year Phenotype Amikacin  
## 1 Surgery General Wound Inpatient 2013 ESBL 4  
## 2 Surgery General Wound Inpatient 2013 ESBL 8  
## 3 Surgery General Wound Inpatient 2013 ESBL 2  
## 4 Medicine General Urine Inpatient 2013 ESBL 4  
## 5 Surgery General Urine Inpatient 2013 ESBL 4  
## 6 Surgery General None Given Inpatient 2013 ESBL 8  
## 7 Surgery General Urine Inpatient 2013 ESBL 8  
## 8 Pediatric General Wound Inpatient 2013 ESBL 8  
## 9 Medicine General Urine Inpatient 2013 ESBL 4  
## 10 Emergency Room Wound Outpatient 2013 ESBL 4  
## 11 Surgery General Wound Inpatient 2013 ESBL 8  
## 12 Surgery General Skin: Other Inpatient 2013 ESBL 2  
## 13 Emergency Room Wound Outpatient 2013 ESBL 4  
## 14 Surgery General Wound Inpatient 2013 ESBL 4  
## 15 Pediatric General Skin: Other Inpatient 2013 ESBL 4  
## 16 Surgery General Wound Inpatient 2013 ESBL 2  
## 17 Surgery ICU None Given Inpatient 2013 ESBL 8  
## 18 Surgery General Wound Inpatient 2013 ESBL 16  
## 19 Surgery General Wound Inpatient 2013 ESBL 8  
## 20 General Unspecified ICU Urine Inpatient 2013 ESBL 8  
## 21 Medicine General Urine Inpatient 2013 ESBL 2  
## 22 General Unspecified ICU Wound Inpatient 2013 ESBL 8  
## 23 None Given Wound None Given 2013 ESBL 2  
## 24 Medicine General Wound Inpatient 2013 ESBL 8  
## 25 Surgery General Wound Inpatient 2013 ESBL 1  
## 26 Medicine General Wound Inpatient 2013 ESBL 4  
## 27 Medicine General Urine Inpatient 2013 ESBL 2  
## 28 Surgery General Urine Inpatient 2013 ESBL 8  
## 29 Surgery General Urine Inpatient 2013 ESBL >32  
## 30 Surgery General Urine Inpatient 2013 ESBL 4  
## 31 Medicine General Urine Inpatient 2013 ESBL >32  
## 32 Surgery General Urine Inpatient 2013 ESBL 4  
## 33 Surgery General Wound Inpatient 2013 ESBL 2  
## 34 Medicine General Skin: Other Inpatient 2013 ESBL 2  
## 35 Other Urine None Given 2013 ESBL 8  
## 36 Medicine General Urine Inpatient 2013 ESBL 8  
## 37 Emergency Room Wound Outpatient 2013 ESBL 4  
## 38 Medicine General Wound Inpatient 2013 ESBL >32  
## 39 Surgery General Wound Inpatient 2013 ESBL 8  
## 40 Surgery General Wound Inpatient 2013 ESBL >32  
## 41 Surgery General Wound Inpatient 2013 ESBL 4  
## 42 Emergency Room Wound Outpatient 2013 ESBL 2  
## 43 Medicine General Sputum Inpatient 2013 ESBL 8  
## 44 Medicine General Sputum Inpatient 2013 ESBL 4  
## 45 Medicine General Sputum Inpatient 2013 ESBL 4  
## 46 Other Wound None Given 2013 ESBL 4  
## 47 Surgery General Wound Inpatient 2013 ESBL 2  
## 48 Medicine General Wound Inpatient 2013 ESBL 4  
## 49 Medicine ICU Wound Inpatient 2013 ESBL 8  
## 50 Medicine General Skin: Other Inpatient 2013 ESBL 8  
## 51 Medicine General Wound Inpatient 2013 ESBL 4  
## 52 Pediatric General Urine Inpatient 2013 ESBL 4  
## 53 Medicine ICU Endotracheal aspirate Inpatient 2013 ESBL 16  
## 54 Medicine General Endotracheal aspirate Inpatient 2013 ESBL 32  
## 55 Medicine General Gastric Abscess Inpatient 2013 ESBL 2  
## 56 Medicine General Urine Inpatient 2013 ESBL 8  
## 57 Medicine General Urine Inpatient 2013 ESBL 4  
## 58 Medicine General Urine Inpatient 2013 ESBL 8  
## 59 Medicine General Urine Inpatient 2013 ESBL 8  
## 60 General Unspecified ICU Urine Inpatient 2013 ESBL 32  
## 61 Medicine General Wound Inpatient 2013 ESBL 16  
## 62 Medicine General Skin: Other Inpatient 2013 ESBL 16  
## 63 General Unspecified ICU Skin: Other Inpatient 2013 ESBL 8  
## 64 Medicine General Wound Inpatient 2013 ESBL 16  
## 65 Pediatric General Wound Inpatient 2013 ESBL 8  
## 66 Pediatric ICU Wound Inpatient 2013 ESBL 8  
## 67 Medicine ICU Skin: Other Inpatient 2013 ESBL 8  
## 68 None Given Skin: Other None Given 2013 ESBL 0.5  
## 69 Medicine General Wound Inpatient 2013 ESBL 4  
## 70 None Given Respiratory: Other None Given 2013 ESBL 2  
## 71 Surgery General Intestinal: Other Inpatient 2013 ESBL >32  
## 72 Medicine ICU Respiratory: Other Inpatient 2013 ESBL >32  
## 73 Medicine General Wound Inpatient 2013 ESBL 2  
## 74 Medicine ICU Respiratory: Other Inpatient 2013 ESBL 16  
## 75 Surgery ICU Respiratory: Other Inpatient 2013 ESBL >32  
## 76 Pediatric General Urine Inpatient 2013 ESBL 1  
## 77 Medicine General Urine Inpatient 2013 ESBL 2  
## 78 Pediatric General Urine Inpatient 2013 ESBL 8  
## 79 Medicine General Skin: Other Inpatient 2013 ESBL 1  
## 80 Medicine General Urine Inpatient 2013 ESBL 16  
## 81 Surgery General Wound Inpatient 2013 ESBL 4  
## 82 Medicine General Wound Inpatient 2013 ESBL 4  
## 83 Surgery General Intestinal: Other Inpatient 2013 ESBL 16  
## 84 Surgery General Abscess Inpatient 2013 ESBL 16  
## 85 Surgery ICU Respiratory: Other Inpatient 2013 ESBL >32  
## 86 None Given Urine None Given 2014 ESBL 8  
## 87 None Given Appendix None Given 2014 ESBL 2  
## 88 Medicine ICU Endotracheal aspirate Inpatient 2014 ESBL 16  
## 89 Medicine General Urine Inpatient 2014 ESBL 1  
## 90 Medicine General Endotracheal aspirate Inpatient 2014 ESBL 1  
## 91 Medicine ICU Sputum Inpatient 2014 ESBL 16  
## 92 Medicine General Wound Inpatient 2014 ESBL 2  
## 93 Medicine ICU Abscess Inpatient 2014 ESBL 4  
## 94 Medicine General Sputum Inpatient 2014 ESBL 8  
## 95 Medicine ICU Urine Inpatient 2014 ESBL 2  
## 96 Medicine ICU Wound Inpatient 2014 ESBL 4  
## 97 Medicine General Wound Inpatient 2014 ESBL 8  
## 98 Medicine General Wound Inpatient 2014 ESBL 8  
## 99 Medicine ICU Sputum Inpatient 2014 ESBL 0.5  
## 100 Pediatric General Sputum Inpatient 2014 ESBL 4  
## 101 Pediatric General Urine Inpatient 2014 ESBL 32  
## 102 Medicine General Urine Inpatient 2014 ESBL 8  
## 103 Surgery General Peritoneal Fluid Inpatient 2014 ESBL 8  
## 104 Medicine General Wound Inpatient 2014 ESBL 4  
## 105 Medicine General Abscess Inpatient 2014 ESBL 0.5  
## 106 Emergency Room Peritoneal Fluid Outpatient 2014 ESBL 1  
## 107 Medicine General Endotracheal aspirate Inpatient 2014 ESBL 8  
## 108 Medicine General Bladder Inpatient 2014 ESBL 4  
## 109 Medicine General Sputum Inpatient 2014 ESBL 8  
## 110 Surgery General Wound Inpatient 2014 ESBL 4  
## 111 Medicine General Blood Inpatient 2014 ESBL 4  
## 112 Medicine ICU Endotracheal aspirate Inpatient 2014 ESBL 8  
## 113 Pediatric General Wound Inpatient 2014 ESBL 4  
## 114 Surgery ICU Peritoneal Fluid Inpatient 2014 ESBL 2  
## 115 Surgery General Peritoneal Fluid Inpatient 2014 ESBL 4  
## 116 General Unspecified ICU Peritoneal Fluid Inpatient 2014 ESBL 1  
## 117 General Unspecified ICU Abscess Inpatient 2014 ESBL 8  
## 118 Medicine General Sputum Inpatient 2014 ESBL 4  
## 119 Pediatric General Urine Inpatient 2014 ESBL 2  
## 120 General Unspecified ICU Urine Inpatient 2014 ESBL 8  
## 121 Pediatric ICU Urine Inpatient 2014 ESBL 8  
## 122 Medicine General Urine Inpatient 2014 ESBL 8  
## 123 Medicine General Urine Inpatient 2014 ESBL 4  
## 124 Pediatric ICU Urine Inpatient 2014 ESBL 2  
## 125 General Unspecified ICU Urine Inpatient 2014 ESBL 4  
## 126 General Unspecified ICU Sputum Inpatient 2014 ESBL 0.5  
## 127 Medicine General Urine Inpatient 2014 ESBL 4  
## 128 Medicine General Wound Inpatient 2014 ESBL 2  
## 129 Medicine General Wound Inpatient 2014 ESBL 2  
## 130 Pediatric ICU Sputum Inpatient 2014 ESBL 2  
## 131 General Unspecified ICU Urine Inpatient 2014 ESBL 8  
## 132 Medicine General Wound Inpatient 2014 ESBL 2  
## 133 Medicine General Wound Inpatient 2014 ESBL 8  
## 134 General Unspecified ICU Sputum Inpatient 2014 ESBL 8  
## 135 General Unspecified ICU Wound Inpatient 2014 ESBL 8  
## 136 None Given Wound None Given 2014 ESBL 4  
## 137 Surgery General Sputum Inpatient 2014 ESBL 4  
## 138 Surgery General Wound Inpatient 2014 ESBL 2  
## 139 Surgery ICU Peritoneal Fluid Inpatient 2014 ESBL 4  
## 140 General Unspecified ICU Wound Inpatient 2014 ESBL 1  
## 141 Surgery ICU Blood Inpatient 2014 ESBL 16  
## 142 Medicine General Colon Inpatient 2014 ESBL 4  
## 143 Surgery General Gastric Abscess Inpatient 2014 ESBL 32  
## 144 Surgery ICU Wound Inpatient 2014 ESBL 4  
## 145 Surgery General Wound Inpatient 2014 ESBL 8  
## 146 Surgery General Wound Inpatient 2014 ESBL 8  
## 147 Emergency Room Wound Outpatient 2014 ESBL 16  
## 148 Pediatric General Urine Inpatient 2014 ESBL 8  
## 149 Emergency Room Urine Outpatient 2014 ESBL 2  
## 150 Medicine General Blood Inpatient 2014 ESBL >32  
## 151 Surgery ICU Respiratory: Other Inpatient 2014 ESBL >32  
## 152 Pediatric ICU Blood Inpatient 2014 ESBL 8  
## 153 None Given Respiratory: Other None Given 2014 ESBL 4  
## 154 Surgery ICU Urine Inpatient 2014 ESBL 4  
## 155 Surgery ICU Wound Inpatient 2014 ESBL 2  
## 156 Surgery General Abscess Inpatient 2014 ESBL 4  
## 157 Pediatric General Blood Inpatient 2014 ESBL >32  
## 158 Medicine ICU Wound Inpatient 2014 ESBL >32  
## 159 Medicine ICU Respiratory: Other Inpatient 2014 ESBL 4  
## 160 Medicine ICU Sputum Inpatient 2014 ESBL >32  
## 161 Medicine ICU Respiratory: Other Inpatient 2014 ESBL >32  
## 162 Pediatric ICU Intestinal: Other Inpatient 2014 ESBL 1  
## 163 Medicine ICU Urine Inpatient 2014 ESBL 4  
## 164 Medicine ICU Respiratory: Other Inpatient 2014 ESBL 2  
## 165 Medicine ICU Bronchoalveolar lavage Inpatient 2014 ESBL 2  
## 166 Medicine ICU Blood Inpatient 2014 ESBL 0.5  
## 167 Medicine ICU Blood Inpatient 2014 ESBL 4  
## 168 Pediatric ICU Wound Inpatient 2014 ESBL 0.5  
## 169 Medicine General Blood Inpatient 2014 ESBL >32  
## 170 Surgery ICU Blood Inpatient 2014 ESBL 1  
## 171 Medicine General Urine Inpatient 2014 ESBL >32  
## 172 Surgery General Wound Inpatient 2014 ESBL 2  
## 173 Medicine ICU Urine Inpatient 2014 ESBL 1  
## 174 Pediatric General Wound Inpatient 2014 ESBL 2  
## 175 Surgery General Urine Inpatient 2014 ESBL 8  
## 176 Surgery General Urine Inpatient 2014 ESBL 1  
## 177 Surgery General Bladder Inpatient 2014 ESBL 8  
## 178 Surgery General Urine Inpatient 2014 ESBL 16  
## 179 Surgery General Urine Inpatient 2014 ESBL 8  
## 180 Medicine General Urine Inpatient 2014 ESBL 8  
## 181 Medicine General Bladder Inpatient 2014 ESBL 16  
## 182 Pediatric General Ulcer Inpatient 2014 ESBL 4  
## 183 Surgery General Urine Inpatient 2014 ESBL 4  
## 184 Pediatric General Urine Inpatient 2014 ESBL 1  
## 185 Surgery General Urine Inpatient 2014 ESBL 16  
## 186 Medicine General Urine Inpatient 2014 ESBL 4  
## 187 Medicine General Sputum Inpatient 2014 ESBL >32  
## 188 Pediatric General Wound Inpatient 2014 ESBL 2  
## 189 Medicine General Urine Inpatient 2014 ESBL 8  
## 190 Surgery General Urine Inpatient 2014 ESBL 16  
## 191 Surgery General Wound Inpatient 2014 ESBL 2  
## 192 Surgery General Wound Inpatient 2014 ESBL 1  
## 193 Pediatric General Blood Inpatient 2014 ESBL 2  
## 194 Medicine General Urine Inpatient 2014 ESBL 2  
## 195 Surgery General Wound Inpatient 2014 ESBL 2  
## 196 Medicine ICU Endotracheal aspirate Inpatient 2014 ESBL 16  
## 197 Medicine General Urine Inpatient 2014 ESBL 8  
## 198 Medicine General Sputum Inpatient 2014 ESBL 4  
## 199 Medicine General Urine Inpatient 2014 ESBL 1  
## 200 Surgery General Wound Inpatient 2014 ESBL 1  
## 201 Medicine General Abscess Inpatient 2014 ESBL 2  
## 202 Medicine General Urine Inpatient 2014 ESBL 1  
## 203 Surgery General Ulcer Inpatient 2014 ESBL 4  
## 204 Surgery General Wound Inpatient 2014 ESBL 1  
## 205 Medicine General Wound Inpatient 2014 ESBL 2  
## 206 Emergency Room Wound Outpatient 2014 ESBL 2  
## 207 Emergency Room Urine Outpatient 2014 ESBL 8  
## 208 Pediatric ICU Blood Inpatient 2014 ESBL >32  
## 209 Medicine General Urine Inpatient 2014 ESBL 4  
## 210 Medicine General Thoracentesis Fluid Inpatient 2014 ESBL 2  
## 211 Emergency Room Thoracentesis Fluid Outpatient 2014 ESBL >32  
## 212 Surgery General Wound Inpatient 2014 ESBL 4  
## 213 Surgery General Wound Inpatient 2014 ESBL 8  
## 214 Medicine General Urine Inpatient 2014 ESBL 8  
## 215 Surgery ICU Burn Inpatient 2014 ESBL 8  
## 216 Medicine General Bladder Inpatient 2014 ESBL 2  
## 217 Surgery ICU Wound Inpatient 2014 ESBL 1  
## 218 Surgery General Urine Inpatient 2014 ESBL 16  
## 219 Surgery ICU Impetiginous lesions Inpatient 2014 ESBL 4  
## 220 Medicine General Burn Inpatient 2014 ESBL 4  
## 221 Surgery General Wound Inpatient 2014 ESBL 8  
## 222 Surgery General Urine Inpatient 2014 ESBL 8  
## 223 Medicine General Urine Inpatient 2014 ESBL 16  
## 224 Pediatric ICU Blood Inpatient 2014 ESBL >32  
## 225 Emergency Room Urine Outpatient 2014 ESBL >32  
## 226 Medicine General Urine Inpatient 2014 ESBL 8  
## 227 Emergency Room Urine Outpatient 2014 ESBL 8  
## 228 Medicine General Urine Inpatient 2014 ESBL 2  
## 229 Pediatric ICU Blood Inpatient 2014 ESBL 2  
## 230 Surgery General Urine Inpatient 2014 ESBL 2  
## 231 Medicine General Urine Inpatient 2014 ESBL 2  
## 232 Medicine General Urine Inpatient 2014 ESBL 1  
## 233 Medicine General Urine Inpatient 2014 ESBL >32  
## 234 Medicine General Urine Inpatient 2014 ESBL 8  
## 235 Emergency Room Urine Outpatient 2014 ESBL 8  
## 236 Surgery General Urine Inpatient 2014 ESBL 8  
## 237 Medicine General Bladder Inpatient 2014 ESBL 4  
## 238 Medicine General Urine Inpatient 2014 ESBL 2  
## 239 Surgery General Prostate Inpatient 2014 ESBL 4  
## 240 Medicine General Urine Inpatient 2014 ESBL 4  
## 241 Medicine General Prostate Inpatient 2014 ESBL 2  
## 242 Pediatric General Wound Inpatient 2014 ESBL 4  
## 243 None Given Wound None Given 2014 ESBL 4  
## 244 Medicine General Wound Inpatient 2014 ESBL 4  
## 245 Medicine General Abscess Inpatient 2014 ESBL 1  
## 246 Surgery General Ulcer Inpatient 2014 ESBL 8  
## 247 Surgery General Peritoneal Fluid Inpatient 2014 ESBL 8  
## 248 Surgery General Abscess Inpatient 2014 ESBL >32  
## 249 Surgery General Abscess Inpatient 2014 ESBL 2  
## 250 None Given Wound None Given 2014 ESBL 8  
## 251 Surgery General Cellulitis Inpatient 2014 ESBL >32  
## 252 Surgery General Burn Inpatient 2014 ESBL 4  
## 253 Surgery General Wound Inpatient 2014 ESBL 8  
## 254 Medicine General Abscess Inpatient 2014 ESBL 4  
## 255 Emergency Room Urine Outpatient 2014 ESBL 1  
## 256 Surgery General Prostate Inpatient 2014 ESBL 2  
## 257 Pediatric General Wound Inpatient 2014 ESBL 1  
## 258 Surgery General Wound Inpatient 2014 ESBL 1  
## 259 Surgery General Gastric Abscess Inpatient 2014 ESBL 4  
## 260 Surgery General Wound Inpatient 2014 ESBL 2  
## 261 General Unspecified ICU Thoracentesis Fluid Inpatient 2014 ESBL 8  
## 262 Emergency Room Prostate Outpatient 2014 ESBL 16  
## 263 Medicine General Prostate Inpatient 2014 ESBL >32  
## 264 Emergency Room Blood Outpatient 2014 ESBL 8  
## 265 None Given Blood None Given 2014 ESBL 2  
## 266 Medicine General Sputum Inpatient 2014 ESBL 4  
## 267 Medicine General Wound Inpatient 2014 ESBL 1  
## 268 Medicine General Blood Inpatient 2014 ESBL 2  
## 269 Medicine General Urethra Inpatient 2014 ESBL 1  
## 270 Surgery General Skin: Other Inpatient 2014 ESBL 4  
## 271 Medicine General Wound Inpatient 2014 ESBL 8  
## 272 Other Wound None Given 2014 ESBL 16  
## 273 Other Urine None Given 2014 ESBL 16  
## 274 Other Urine None Given 2014 ESBL 2  
## 275 Medicine General Urine Inpatient 2014 ESBL 1  
## 276 Medicine General Blood Inpatient 2014 ESBL 1  
## 277 Medicine General Sputum Inpatient 2015 ESBL 1  
## 278 Medicine General Wound Inpatient 2015 ESBL 2  
## 279 Medicine General Sputum Inpatient 2015 ESBL 4  
## 280 General Unspecified ICU Ulcer Inpatient 2015 ESBL 4  
## 281 Medicine General Respiratory: Other Inpatient 2015 ESBL 4  
## 282 Emergency Room Urine Outpatient 2015 ESBL 16  
## 283 Medicine General Burn Inpatient 2015 ESBL 4  
## 284 Medicine General Wound Inpatient 2015 ESBL 4  
## 285 Medicine General Sputum Inpatient 2015 ESBL 4  
## 286 Medicine General Blood Inpatient 2015 ESBL 1  
## 287 Other Colon None Given 2015 ESBL 4  
## 288 Medicine General Abscess Inpatient 2015 ESBL >32  
## 289 Medicine General Endotracheal aspirate Inpatient 2015 ESBL 1  
## 290 Medicine General Sputum Inpatient 2015 ESBL 16  
## 291 Medicine General Endotracheal aspirate Inpatient 2015 ESBL 4  
## 292 Medicine General Genitourinary: Other Inpatient 2015 ESBL 8  
## 293 Medicine General Peritoneal Fluid Inpatient 2015 ESBL 1  
## 294 Medicine General Peritoneal Fluid Inpatient 2015 ESBL 4  
## 295 None Given Pancreas None Given 2015 ESBL 4  
## 296 Surgery ICU Gastric Abscess Inpatient 2015 ESBL 2  
## 297 Surgery General Intestinal: Other Inpatient 2015 ESBL 16  
## 298 Medicine General Sputum Inpatient 2015 ESBL 2  
## 299 General Unspecified ICU Endotracheal aspirate Inpatient 2015 ESBL 4  
## 300 General Unspecified ICU Sputum Inpatient 2015 ESBL 4  
## 301 General Unspecified ICU Endotracheal aspirate Inpatient 2015 ESBL 4  
## 302 General Unspecified ICU Urine Inpatient 2015 ESBL 2  
## 303 Surgery General Urine Inpatient 2015 ESBL 2  
## 304 Medicine General Urine Inpatient 2015 ESBL 4  
## 305 Pediatric General Sputum Inpatient 2015 ESBL 0.5  
## 306 General Unspecified ICU Sputum Inpatient 2015 ESBL 4  
## 307 General Unspecified ICU Sputum Inpatient 2015 ESBL 4  
## 308 Medicine General Intestinal: Other Inpatient 2015 ESBL 2  
## 309 Medicine General Intestinal: Other Inpatient 2015 ESBL 8  
## 310 General Unspecified ICU Urine Inpatient 2015 ESBL 4  
## 311 Medicine General Wound Inpatient 2015 ESBL 4  
## 312 Medicine ICU Sputum Inpatient 2015 ESBL 4  
## 313 Medicine General Wound Inpatient 2015 ESBL >32  
## 314 Emergency Room Wound Outpatient 2016 ESBL 8  
## 315 Medicine General Thoracentesis Fluid Inpatient 2016 ESBL 2  
## 316 Pediatric General Sputum Inpatient 2016 ESBL 2  
## 317 Medicine General Abscess Inpatient 2016 ESBL 4  
## 318 Medicine General Intestinal: Other Inpatient 2016 ESBL 4  
## 319 Medicine General Wound Inpatient 2016 ESBL 2  
## 320 Medicine ICU Sputum Inpatient 2016 ESBL 1  
## 321 Surgery General Ulcer Inpatient 2016 ESBL 1  
## 322 Other Gastric Abscess None Given 2016 ESBL 8  
## 323 Medicine General Sputum Inpatient 2016 ESBL 4  
## 324 Medicine General Sputum Inpatient 2016 ESBL 2  
## 325 Medicine General Abscess Inpatient 2016 ESBL 2  
## 326 Medicine General Wound Inpatient 2016 ESBL 4  
## 327 Medicine General Wound Inpatient 2016 ESBL 4  
## 328 Medicine General Wound Inpatient 2016 ESBL 4  
## 329 Medicine General Wound Inpatient 2016 ESBL 4  
## 330 Surgery General Abscess Inpatient 2016 ESBL 4  
## 331 Surgery General Gastric Abscess Inpatient 2016 ESBL 8  
## 332 Surgery ICU Sputum Inpatient 2016 ESBL 2  
## 333 Surgery General Stomach Inpatient 2016 ESBL 2  
## 334 Medicine ICU Intestinal: Other Inpatient 2016 ESBL 4  
## 335 Medicine General Endotracheal aspirate Inpatient 2016 ESBL 8  
## 336 Pediatric General Wound Inpatient 2016 ESBL 4  
## 337 Medicine General Sputum Inpatient 2016 ESBL 1  
## 338 Medicine General Intestinal: Other Inpatient 2016 ESBL 4  
## 339 Surgery General Wound Inpatient 2016 ESBL 4  
## 340 Medicine General Sputum Inpatient 2016 ESBL 1  
## 341 Medicine General Sputum Inpatient 2016 ESBL 1  
## 342 None Given Intestinal: Other None Given 2016 ESBL 1  
## 343 Surgery General Intestinal: Other Inpatient 2016 ESBL 8  
## 344 Surgery General Wound Inpatient 2016 ESBL 16  
## 345 Medicine General Sputum Inpatient 2016 ESBL 4  
## 346 Medicine General Urine Inpatient 2016 ESBL 8  
## 347 Medicine General Peritoneal Fluid Inpatient 2016 ESBL 4  
## 348 Medicine ICU Peritoneal Fluid Inpatient 2016 ESBL 8  
## 349 Medicine General Peritoneal Fluid Inpatient 2016 ESBL 4  
## 350 Pediatric General Urine Inpatient 2016 ESBL 8  
## 351 Other Urine None Given 2016 ESBL 2  
## 352 Pediatric General Urine Inpatient 2016 ESBL 8  
## 353 Medicine General Urine Inpatient 2016 ESBL 4  
## 354 Medicine General Peritoneal Fluid Inpatient 2016 ESBL 2  
## 355 Medicine General Peritoneal Fluid Inpatient 2016 ESBL 2  
## 356 Medicine General Wound Inpatient 2016 ESBL 2  
## 357 Medicine General Urine Inpatient 2016 ESBL 2  
## 358 Pediatric General Urine Inpatient 2016 ESBL 4  
## 359 Medicine General Gastric Abscess Inpatient 2016 ESBL 2  
## 360 Medicine General Urine Inpatient 2016 ESBL 8  
## 361 Medicine ICU Wound Inpatient 2016 ESBL 4  
## 362 Medicine ICU Peritoneal Fluid Inpatient 2016 ESBL 4  
## 363 Medicine General Peritoneal Fluid Inpatient 2016 ESBL 2  
## 364 Medicine ICU Endotracheal aspirate Inpatient 2016 ESBL 2  
## 365 Medicine General Bronchus Inpatient 2016 ESBL 2  
## 366 Pediatric ICU Blood Inpatient 2016 ESBL 4  
## 367 Pediatric ICU Endotracheal aspirate Inpatient 2016 ESBL 2  
## 368 Emergency Room Sputum Outpatient 2016 ESBL 8  
## 369 Pediatric ICU Blood Inpatient 2016 ESBL 4  
## 370 Medicine ICU Endotracheal aspirate Inpatient 2016 ESBL 1  
## 371 Medicine General Gastric Abscess Inpatient 2016 ESBL 2  
## 372 Medicine General Gastric Abscess Inpatient 2016 ESBL 2  
## 373 Medicine General Sputum Inpatient 2016 ESBL 2  
## 374 Medicine General Sputum Inpatient 2016 ESBL 1  
## 375 Medicine ICU Endotracheal aspirate Inpatient 2016 ESBL 4  
## 376 Medicine General Urine Inpatient 2016 ESBL 0.5  
## 377 Medicine General Endotracheal aspirate Inpatient 2016 ESBL 1  
## 378 Medicine ICU Peritoneal Fluid Inpatient 2016 ESBL 16  
## 379 Medicine General Intestinal: Other Inpatient 2016 ESBL 16  
## 380 General Unspecified ICU Sputum Inpatient 2016 ESBL 4  
## 381 General Unspecified ICU Endotracheal aspirate Inpatient 2016 ESBL 8  
## 382 Medicine General Intestinal: Other Inpatient 2016 ESBL 2  
## 383 Medicine General Bronchoalveolar lavage Inpatient 2016 ESBL 2  
## 384 Medicine ICU Bronchoalveolar lavage Inpatient 2016 ESBL 4  
## 385 Medicine General Sputum Inpatient 2016 ESBL 2  
## 386 General Unspecified ICU Endotracheal aspirate Inpatient 2016 ESBL 8  
## 387 Surgery General Gastric Abscess Inpatient 2016 ESBL 2  
## 388 Medicine General Peritoneal Fluid Inpatient 2016 ESBL 8  
## 389 Surgery General Sputum Inpatient 2016 ESBL 4  
## 390 General Unspecified ICU Sputum Inpatient 2016 ESBL 1  
## 391 Medicine ICU Sputum Inpatient 2016 ESBL 4  
## 392 Surgery ICU Urine Inpatient 2016 ESBL 4  
## 393 Medicine ICU Bronchoalveolar lavage Inpatient 2016 ESBL 1  
## 394 Pediatric General Sputum Inpatient 2016 ESBL 4  
## 395 Medicine General Urine Inpatient 2016 ESBL 8  
## 396 Medicine ICU Urine Inpatient 2016 ESBL 2  
## 397 Medicine General Urine Inpatient 2016 ESBL 4  
## 398 Medicine General Blood Inpatient 2016 ESBL 8  
## 399 Medicine General Urine Inpatient 2016 ESBL 2  
## 400 Surgery General Urine Inpatient 2016 ESBL 2  
## 401 Medicine General Urine Inpatient 2016 ESBL 1  
## 402 Medicine General Urine Inpatient 2016 ESBL 4  
## 403 Emergency Room Urine Outpatient 2016 ESBL 4  
## 404 Medicine General Urine Inpatient 2016 ESBL 4  
## 405 Medicine General Urine Inpatient 2016 ESBL 4  
## 406 General Unspecified ICU Urine Inpatient 2016 ESBL 8  
## 407 Medicine General Abscess 2017 ESBL 2  
## 408 Emergency Room Blood 2017 ESBL 1  
## 409 Emergency Room Blood 2017 ESBL 8  
## 410 Medicine General Wound 2017 ESBL 4  
## 411 Medicine General Abscess 2017 ESBL 4  
## 412 Medicine General Blood 2017 ESBL 2  
## 413 Medicine General Sputum 2017 ESBL 8  
## 414 Medicine General Blood 2017 ESBL 2  
## 415 Medicine General Blood 2017 ESBL 8  
## 416 Surgery General Wound 2017 ESBL 4  
## 417 Medicine General Intestinal: Other 2017 ESBL 8  
## 418 Medicine General Intestinal: Other 2017 ESBL 8  
## 419 Medicine General Ulcer 2017 ESBL 2  
## 420 General Unspecified ICU Endotracheal aspirate 2017 ESBL 0.5  
## 421 Medicine General Wound 2017 ESBL 4  
## 422 Medicine General Sputum 2017 ESBL 0.5  
## 423 Surgery General Abscess 2017 ESBL 4  
## 424 Surgery General Intestinal: Other 2017 ESBL 4  
## 425 General Unspecified ICU Blood 2017 ESBL 2  
## 426 General Unspecified ICU Endotracheal aspirate 2017 ESBL 4  
## 427 Medicine General Urine 2017 ESBL 1  
## 428 Surgery General Urine 2017 ESBL 2  
## 429 Medicine General Urine 2017 ESBL 1  
## 430 Medicine General Urine 2017 ESBL 1  
## 431 Surgery ICU Sputum 2017 ESBL 0.5  
## 432 General Unspecified ICU Sputum 2017 ESBL 2  
## 433 Medicine General Sputum 2017 ESBL 4  
## 434 Medicine General Sputum 2017 ESBL 0.5  
## 435 General Unspecified ICU Endotracheal aspirate 2017 ESBL 0.5  
## 436 Medicine General Sputum 2017 ESBL 2  
## 437 Surgery General Sputum 2017 ESBL 2  
## 438 Medicine General Peritoneal Fluid 2017 ESBL 2  
## 439 Medicine General Intestinal: Other 2017 ESBL 4  
## 440 Surgery General Abscess 2017 ESBL 4  
## 441 Surgery General Intestinal: Other 2017 ESBL 2  
## 442 Surgery General Cellulitis 2017 ESBL 1  
## 443 General Unspecified ICU Intestinal: Other 2017 ESBL 4  
## 444 General Unspecified ICU Intestinal: Other 2017 ESBL 4  
## 445 Medicine General Wound 2017 ESBL 2  
## 446 None Given Intestinal: Other 2017 ESBL 2  
## 447 Surgery General Intestinal: Other 2017 ESBL 2  
## 448 General Unspecified ICU Cellulitis 2017 ESBL 1  
## 449 Pediatric General Burn 2017 ESBL 4  
## 450 Medicine General Wound 2017 ESBL 4  
## 451 General Unspecified ICU Sputum 2017 ESBL 4  
## 452 General Unspecified ICU Sputum 2017 ESBL 2  
## 453 Medicine General Intestinal: Other 2017 ESBL >32  
## 454 Medicine General Endotracheal aspirate 2017 ESBL 4  
## 455 Surgery General Intestinal: Other 2017 ESBL 8  
## 456 Surgery General Urine 2017 ESBL 4  
## 457 Medicine General Urine 2017 ESBL 2  
## 458 General Unspecified ICU Blood 2017 ESBL 4  
## 459 General Unspecified ICU Sputum 2017 ESBL 4  
## 460 Medicine General Urine 2017 ESBL 2  
## 461 General Unspecified ICU Sputum 2017 ESBL 2  
## 462 General Unspecified ICU Sputum 2017 ESBL 4  
## 463 Medicine ICU Endotracheal aspirate 2017 ESBL 8  
## 464 Medicine ICU Endotracheal aspirate 2017 ESBL 4  
## 465 Medicine ICU Sputum 2017 ESBL 4  
## 466 Medicine General Sputum 2017 ESBL 8  
## 467 Medicine General Urine 2017 ESBL 4  
## 468 Medicine General Abscess 2017 ESBL 2  
## 469 Medicine General Urine 2017 ESBL 2  
## 470 Medicine General Intestinal: Other 2017 ESBL 16  
## 471 Medicine ICU Endotracheal aspirate 2017 ESBL 2  
## 472 Medicine General Urine 2017 ESBL 2  
## 473 General Unspecified ICU Sputum 2017 ESBL 2  
## 474 Medicine General Urine 2017 ESBL 4  
## 475 Medicine General Sputum 2017 ESBL >32  
## 476 Surgery General Abscess 2017 ESBL 4  
## 477 Medicine ICU Sputum 2017 ESBL 4  
## 478 Medicine General Urine 2017 ESBL 1  
## 479 Medicine General Blood 2017 ESBL 2  
## 480 Medicine General Blood 2017 ESBL >32  
## 481 Pediatric ICU Blood 2017 ESBL 1  
## 482 None Given Skin: Other None Given 2005 ESBL 4  
## 483 None Given Sputum None Given 2005 ESBL 4  
## 484 Medicine General Synovial Fluid Inpatient 2005 ESBL 4  
## 485 Medicine General Blood 2017 ESBL 4  
## 486 Medicine General Blood 2017 ESBL 4  
## 487 Pediatric ICU Endotracheal aspirate 2017 ESBL 4  
## 488 Medicine ICU Blood 2017 ESBL 2  
## 489 General Unspecified ICU Blood 2017 ESBL 32  
## 490 Medicine General Blood 2017 ESBL 2  
## 491 Medicine General Sputum 2017 ESBL 4  
## 492 Medicine General Blood 2017 ESBL 2  
## 493 Pediatric ICU Blood 2017 ESBL 4  
## 494 Medicine ICU Endotracheal aspirate 2017 ESBL 2  
## 495 Pediatric ICU Blood 2017 ESBL 4  
## 496 Medicine General Blood 2017 ESBL 2  
## 497 Medicine General Blood 2017 ESBL 0.5  
## 498 Pediatric ICU Blood 2017 ESBL 2  
## 499 General Unspecified ICU Blood 2017 ESBL 2  
## 500 Medicine General Blood 2017 ESBL 8  
## 501 Medicine General Abdominal Fluid 2017 ESBL 2  
## 502 General Unspecified ICU Blood 2017 ESBL 2  
## 503 Medicine ICU Endotracheal aspirate 2017 ESBL 2  
## 504 Medicine General Blood 2017 ESBL 2  
## 505 General Unspecified ICU Blood 2017 ESBL 2  
## 506 General Unspecified ICU Blood 2017 ESBL 2  
## 507 None Given Blood 2017 ESBL 2  
## 508 General Unspecified ICU Blood 2017 ESBL 2  
## 509 General Unspecified ICU Blood 2017 ESBL 2  
## 510 Medicine General Blood 2017 ESBL 4  
## 511 General Unspecified ICU Blood 2017 ESBL 2  
## 512 Medicine General Blood 2017 ESBL 1  
## 513 Medicine General Blood 2017 ESBL 2  
## 514 Medicine General Urine 2017 ESBL 2  
## 515 Medicine General Peritoneal Fluid 2017 ESBL 4  
## 516 None Given Blood 2017 ESBL 2  
## 517 Medicine General Peritoneal Fluid 2017 ESBL 1  
## 518 Medicine ICU Blood Inpatient 2005 ESBL 4  
## 519 General Unspecified ICU Wound 2018 ESBL 8  
## 520 Medicine General Wound 2018 ESBL 8  
## 521 Medicine General Appendix 2018 ESBL 4  
## 522 Surgery General Gastric Abscess 2018 ESBL 4  
## 523 Medicine General Wound 2018 ESBL 4  
## 524 General Unspecified ICU Sputum 2018 ESBL 32  
## 525 Medicine General Intestinal: Other 2018 ESBL 1  
## 526 Medicine General Wound 2018 ESBL 4  
## 527 Surgery General Wound 2018 ESBL 8  
## 528 General Unspecified ICU Intestinal: Other 2018 ESBL 2  
## 529 Medicine General Wound 2018 ESBL 4  
## 530 Surgery General Intestinal: Other 2018 ESBL 1  
## 531 Medicine General Urine 2018 ESBL 4  
## 532 General Unspecified ICU Endotracheal aspirate 2018 ESBL 4  
## 533 Medicine ICU Sputum 2018 ESBL 1  
## 534 Medicine General Sputum 2018 ESBL 2  
## 535 Pediatric ICU Endotracheal aspirate 2018 ESBL 1  
## 536 Emergency Room Blood 2018 ESBL 2  
## 537 Medicine General Blood 2018 ESBL 16  
## 538 Emergency Room Urine 2018 ESBL 4  
## 539 Medicine General Urine 2018 ESBL 4  
## 540 Surgery General Blood 2018 ESBL 2  
## 541 Medicine General Gastric Abscess 2018 ESBL 1  
## 542 Surgery General Urine 2018 ESBL 2  
## 543 Medicine ICU Urine 2018 ESBL 1  
## 544 Surgery General Abscess 2018 ESBL 4  
## 545 Surgery General Urine 2018 ESBL 4  
## 546 Surgery General Urine 2018 ESBL 1  
## 547 Medicine General Wound 2018 ESBL 2  
## 548 Surgery General Wound 2018 ESBL 4  
## 549 Surgery General Endotracheal aspirate 2018 ESBL 4  
## 550 Medicine General Blood 2018 ESBL 4  
## 551 Pediatric General Blood 2018 ESBL 2  
## 552 Medicine ICU Blood 2018 ESBL >64  
## 553 Emergency Room Blood 2018 ESBL 16  
## 554 Surgery General Blood 2018 ESBL >64  
## 555 Surgery General Wound 2018 ESBL 1  
## 556 Surgery General Wound 2018 ESBL 1  
## 557 Emergency Room Blood 2018 ESBL 2  
## 558 Medicine ICU Endotracheal aspirate 2018 ESBL >64  
## 559 Surgery General Sputum 2018 ESBL 2  
## 560 Medicine General Blood 2018 ESBL 4  
## 561 Pediatric General Blood 2018 ESBL 1  
## 562 Pediatric ICU Blood 2018 ESBL 2  
## 563 Surgery General Wound 2018 ESBL 64  
## 564 Medicine General Blood 2018 ESBL >64  
## 565 Medicine General Blood 2018 ESBL 4  
## 566 Emergency Room Blood 2018 ESBL 8  
## 567 Medicine General Blood 2018 ESBL 1  
## 568 Surgery General Blood 2018 ESBL 2  
## 569 Medicine General Blood 2018 ESBL 8  
## 570 Surgery General Blood 2018 ESBL 2  
## 571 Surgery General Carbuncle 2018 ESBL 4  
## 572 Medicine General Blood 2018 ESBL >64  
## 573 Surgery General Wound 2018 ESBL 4  
## 574 None Given Wound 2018 ESBL >64  
## 575 None Given Wound 2018 ESBL 4  
## 576 None Given Peritoneal Fluid 2018 ESBL 8  
## 577 Emergency Room Blood 2018 ESBL 8  
## 578 Medicine General Blood 2018 ESBL 2  
## 579 None Given Blood 2018 ESBL 8  
## 580 None Given Blood 2018 ESBL 4  
## 581 Surgery General Abscess 2018 ESBL 4  
## 582 Pediatric General Colon 2018 ESBL 4  
## 583 Surgery ICU Intestinal: Other 2018 ESBL 2  
## 584 Surgery ICU Colon 2018 ESBL 1  
## 585 Medicine General Urine 2018 ESBL 4  
## 586 Other Blood 2018 ESBL 4  
## 587 None Given Urine 2018 ESBL 4  
## 588 None Given Urine 2018 ESBL 4  
## 589 Emergency Room Urine 2018 ESBL 8  
## 590 Surgery General Wound 2018 ESBL 4  
## 591 Other Genitourinary: Other 2018 ESBL 2  
## 592 Other Blood 2018 ESBL 4  
## 593 Pediatric General Blood 2018 ESBL >64  
## 594 Pediatric ICU Blood 2018 ESBL 4  
## 595 None Given Wound 2018 ESBL >64  
## 596 Medicine General Wound 2018 ESBL 2  
## 597 Pediatric General Blood 2018 ESBL 2  
## 598 Pediatric ICU Wound 2018 ESBL >64  
## 599 Other Genitourinary: Other 2018 ESBL 4  
## 600 Surgery General Wound 2018 ESBL 8  
## 601 Medicine General Wound 2018 ESBL 16  
## 602 Pediatric ICU Blood 2018 ESBL 4  
## 603 Surgery General Wound 2018 ESBL 8  
## 604 Medicine General Blood 2018 ESBL 8  
## 605 Medicine General Blood 2018 ESBL 4  
## 606 None Given Urine 2018 ESBL 4  
## 607 Pediatric General Wound 2018 ESBL 1  
## 608 Pediatric ICU Blood 2018 ESBL 2  
## 609 Medicine General Urethra 2018 ESBL 4  
## 610 Pediatric General Bladder 2018 ESBL 16  
## 611 Medicine ICU Blood 2018 ESBL 2  
## 612 Surgery General Kidney 2018 ESBL 4  
## 613 Medicine General Sputum 2018 ESBL 2  
## 614 Surgery General Urethra 2018 ESBL 2  
## 615 Surgery ICU Genitourinary: Other 2018 ESBL 4  
## 616 Surgery ICU Wound 2018 ESBL 2  
## 617 Pediatric ICU Impetiginous lesions 2018 ESBL 4  
## 618 Medicine ICU Blood 2018 ESBL 4  
## 619 Surgery General Urine 2018 ESBL 2  
## 620 None Given Wound 2018 ESBL 4  
## 621 None Given Urine 2018 ESBL 4  
## 622 Medicine General Wound 2018 ESBL 8  
## 623 Surgery General Prostate 2018 ESBL 4  
## 624 Surgery General Urine 2018 ESBL 2  
## 625 Pediatric General Urine 2018 ESBL 2  
## 626 Other Urine 2018 ESBL 2  
## 627 Other Urine 2018 ESBL 1  
## 628 Surgery General Urine 2018 ESBL 2  
## 629 Other Intestinal: Other 2018 ESBL 8  
## 630 Medicine General Urine 2018 ESBL 32  
## 631 Pediatric General Urine 2018 ESBL 4  
## 632 Pediatric General Urine 2018 ESBL 4  
## 633 Medicine General Urine 2018 ESBL 1  
## 634 Pediatric ICU Wound 2018 ESBL 16  
## 635 Medicine General Urine 2018 ESBL 4  
## 636 Surgery General Urethra 2018 ESBL >64  
## 637 Medicine General Urine 2018 ESBL 2  
## 638 Medicine General Kidney 2018 ESBL 4  
## 639 Medicine General Urine 2018 ESBL 8  
## 640 Medicine General Urine 2018 ESBL 16  
## 641 Pediatric ICU Blood 2018 ESBL >64  
## 642 Surgery General Gastric Abscess 2018 ESBL 2  
## 643 Pediatric General Urine 2018 ESBL 4  
## 644 Medicine General Urine 2018 ESBL 4  
## 645 Pediatric ICU Blood 2018 ESBL 16  
## 646 Surgery General Appendix 2018 ESBL 4  
## 647 Surgery General Urine 2018 ESBL 2  
## 648 Medicine General Blood 2018 ESBL 2  
## 649 General Unspecified ICU Blood 2018 ESBL 4  
## 650 Medicine General Blood 2018 ESBL 4  
## 651 Other Blood 2018 ESBL 4  
## 652 Other Blood 2018 ESBL 2  
## 653 General Unspecified ICU Blood 2018 ESBL 8  
## 654 Medicine General Blood 2018 ESBL 0.5  
## 655 Medicine General Urine 2018 ESBL 2  
## 656 General Unspecified ICU Sputum 2018 ESBL 4  
## 657 Other Skin: Other 2018 ESBL 1  
## 658 Pediatric ICU Sputum 2018 ESBL 32  
## 659 Medicine General Liver 2018 ESBL 4  
## 660 Medicine ICU Urine 2018 ESBL 8  
## 661 Medicine General Urine 2018 ESBL 4  
## 662 General Unspecified ICU Sputum 2018 ESBL 2  
## 663 Surgery ICU Bronchus 2018 ESBL 0.5  
## 664 General Unspecified ICU Sputum 2018 ESBL 8  
## 665 Pediatric ICU Wound 2018 ESBL 4  
## 666 General Unspecified ICU Colon 2018 ESBL 1  
## 667 Medicine General Urine 2018 ESBL 8  
## 668 Surgery General Bronchus 2018 ESBL 8  
## 669 Pediatric ICU Sputum 2018 ESBL 2  
## 670 Medicine General Blood 2018 ESBL 2  
## 671 Pediatric General Gastric Abscess 2018 ESBL 2  
## 672 Medicine ICU Endotracheal aspirate 2018 ESBL 2  
## 673 Pediatric ICU Blood 2018 ESBL 4  
## 674 Medicine General Urine 2018 ESBL 2  
## 675 Medicine ICU Blood 2018 ESBL >64  
## 676 Medicine General Urine 2018 ESBL 1  
## 677 Medicine ICU Endotracheal aspirate 2018 ESBL 4  
## 678 Medicine General Urine 2018 ESBL 1  
## 679 Medicine ICU Endotracheal aspirate 2018 ESBL 4  
## 680 Medicine General Peritoneal Fluid 2018 ESBL 2  
## 681 Medicine ICU Endotracheal aspirate 2018 ESBL 4  
## 682 Medicine ICU Endotracheal aspirate 2018 ESBL 4  
## 683 Medicine General Blood 2018 ESBL 2  
## 684 Pediatric General Blood 2018 ESBL 1  
## 685 Medicine General Urine 2018 ESBL 4  
## 686 Medicine General Sputum 2018 ESBL 8  
## 687 Surgery ICU Bronchus 2018 ESBL 2  
## 688 Medicine General Blood 2018 ESBL 8  
## 689 Surgery ICU Bronchus 2018 ESBL 1  
## 690 Medicine General Blood 2018 ESBL 4  
## 691 Medicine General Blood 2018 ESBL 8  
## 692 Pediatric ICU Blood 2018 ESBL 2  
## 693 Medicine General Urine 2018 ESBL 8  
## 694 Surgery General Peritoneal Fluid 2018 ESBL 4  
## 695 Emergency Room Urine 2018 ESBL 8  
## 696 Surgery General Blood 2018 ESBL 2  
## 697 Surgery General Bronchus 2018 ESBL 8  
## 698 Medicine General Blood 2018 ESBL 4  
## 699 Medicine ICU Blood 2018 ESBL 8  
## 700 Medicine ICU Blood 2018 ESBL 2  
## 701 Medicine General Blood 2018 ESBL 8  
## 702 Surgery ICU Bronchoalveolar lavage 2018 ESBL 8  
## 703 Pediatric ICU Bronchoalveolar lavage 2018 ESBL 2  
## 704 General Unspecified ICU Blood 2018 ESBL 4  
## 705 Medicine General Blood 2018 ESBL 1  
## 706 Surgery General Gall Bladder 2018 ESBL 2  
## 707 None Given Gastric Abscess 2018 ESBL 4  
## 708 Medicine General Blood 2018 ESBL 4  
## 709 Pediatric ICU Bronchoalveolar lavage 2018 ESBL 8  
## 710 Surgery General Blood 2018 ESBL 2  
## 711 Medicine General Blood 2018 ESBL 8  
## 712 Medicine ICU Urine 2018 ESBL 8  
## 713 Surgery General Urine 2018 ESBL 4  
## 714 Surgery General Peritoneal Fluid 2018 ESBL 4  
## 715 Surgery General Peritoneal Fluid 2018 ESBL 2  
## 716 Pediatric General Blood 2018 ESBL 4  
## 717 Pediatric General Blood 2018 ESBL 8  
## 718 Pediatric General Blood 2018 ESBL 4  
## 719 Pediatric General Blood 2018 ESBL 2  
## 720 Surgery ICU Blood 2018 ESBL 4  
## 721 Pediatric General Blood 2018 ESBL 4  
## 722 Pediatric General Blood 2018 ESBL 8  
## 723 Medicine General Urine 2018 ESBL 8  
## 724 Medicine General Urine 2018 ESBL 4  
## 725 Medicine General Urine 2018 ESBL 4  
## 726 Surgery General Urine 2018 ESBL 4  
## 727 Surgery General Appendix 2018 ESBL 4  
## 728 Pediatric ICU Peritoneal Fluid 2018 ESBL 4  
## 729 Surgery General Pancreas 2018 ESBL 4  
## 730 Surgery General Peritoneal Fluid 2018 ESBL 8  
## 731 Surgery General Gastric Abscess 2018 ESBL 4  
## 732 Surgery General Peritoneal Fluid 2018 ESBL 4  
## 733 Medicine General Intestinal: Other 2018 ESBL 2  
## 734 None Given Endotracheal aspirate 2018 ESBL 8  
## 735 Pediatric ICU Respiratory: Other 2018 ESBL 4  
## 736 Surgery ICU Urine 2018 ESBL 4  
## 737 Surgery ICU Urine 2018 ESBL 2  
## 738 Surgery General Urethra 2018 ESBL 2  
## 739 Medicine General Ureter 2018 ESBL 0.5  
## 740 Pediatric General Urine 2018 ESBL 4  
## 741 Pediatric ICU Urine 2018 ESBL 2  
## 742 Pediatric General Urine 2018 ESBL 4  
## 743 Medicine General Urine 2018 ESBL 8  
## 744 Medicine ICU Blood 2018 ESBL 4  
## 745 Medicine ICU Blood 2018 ESBL 1  
## 746 Pediatric ICU Blood 2018 ESBL 2  
## 747 Pediatric General Blood 2018 ESBL 4  
## 748 Pediatric ICU Bronchoalveolar lavage 2018 ESBL 1  
## 749 Medicine ICU Endotracheal aspirate 2018 ESBL 2  
## 750 Pediatric ICU Endotracheal aspirate 2018 ESBL 4  
## 751 Medicine ICU Bronchoalveolar lavage 2018 ESBL 4  
## 752 Pediatric ICU Blood 2018 ESBL 4  
## 753 Pediatric ICU Blood 2018 ESBL 1  
## 754 Pediatric General Urine 2018 ESBL 4  
## 755 Surgery General Peritoneal Fluid 2018 ESBL 4  
## 756 Surgery ICU Colon 2018 ESBL 2  
## 757 Medicine General Urine 2018 ESBL 8  
## 758 Medicine ICU Endotracheal aspirate 2019 ESBL 4.0000  
## 759 Medicine General Sputum 2019 ESBL 1.0000  
## 760 Surgery General Sputum 2019 ESBL 8.0000  
## 761 General Unspecified ICU Sputum 2019 ESBL 4.0000  
## 762 General Unspecified ICU Endotracheal aspirate 2019 ESBL 32.0000  
## 763 Medicine General Sputum 2019 ESBL 16.0000  
## 764 General Unspecified ICU Sputum 2019 ESBL 2.0000  
## 765 General Unspecified ICU Blood 2019 ESBL 2.0000  
## 766 General Unspecified ICU Blood 2019 ESBL 4.0000  
## 767 Surgery General Blood 2019 ESBL 8.0000  
## 768 Medicine General Wound 2019 ESBL 16.0000  
## 769 General Unspecified ICU Intestinal: Other 2019 ESBL 8.0000  
## 770 Medicine General Wound 2019 ESBL 1.0000  
## 771 General Unspecified ICU Intestinal: Other 2019 ESBL 2.0000  
## 772 Surgery General Intestinal: Other 2019 ESBL 4.0000  
## 773 Medicine General Wound 2019 ESBL 4.0000  
## 774 Medicine General Wound 2019 ESBL 4.0000  
## 775 Medicine General Wound 2019 ESBL 2.0000  
## 776 Surgery General Wound 2019 ESBL 8.0000  
## 777 General Unspecified ICU Intestinal: Other 2019 ESBL 4.0000  
## 778 Surgery General Wound 2019 ESBL 16.0000  
## 779 Pediatric General Urine 2019 ESBL 1.0000  
## 780 Medicine General Wound 2019 ESBL 4.0000  
## 781 Surgery General Wound 2019 ESBL 4.0000  
## 782 Surgery General Wound 2019 ESBL 4.0000  
## 783 Medicine General Blood 2019 ESBL 16.0000  
## 784 Surgery General Sputum 2019 ESBL 4.0000  
## 785 Medicine ICU Endotracheal aspirate 2019 ESBL 4.0000  
## 786 Surgery ICU Blood 2019 ESBL >64  
## 787 Medicine General Wound 2019 ESBL 4.0000  
## 788 Medicine ICU Blood 2019 ESBL 4.0000  
## 789 Pediatric General Blood 2019 ESBL 4.0000  
## 790 None Given Blood 2019 ESBL 4.0000  
## 791 Medicine General Blood 2019 ESBL 4.0000  
## 792 Pediatric ICU Blood 2019 ESBL 4.0000  
## 793 Surgery General Wound 2019 ESBL 4.0000  
## 794 Medicine General Urethra 2019 ESBL 8.0000  
## 795 Medicine General Wound 2019 ESBL 4.0000  
## 796 None Given Wound 2019 ESBL 2.0000  
## 797 Medicine General Urethra 2019 ESBL 32.0000  
## 798 Surgery General Wound 2019 ESBL 8.0000  
## 799 Medicine General Abscess 2019 ESBL 1.0000  
## 800 Medicine General Urine 2019 ESBL 8.0000  
## 801 Surgery ICU Endotracheal aspirate 2019 ESBL 8.0000  
## 802 Surgery General Urine 2019 ESBL 4.0000  
## 803 Surgery ICU Colon 2019 ESBL 2.0000  
## 804 Surgery ICU Colon 2019 ESBL 1.0000  
## 805 Medicine General Wound 2019 ESBL 4.0000  
## 806 Medicine General Urine 2019 ESBL 4.0000  
## 807 Emergency Room Urine 2019 ESBL 4.0000  
## 808 Surgery General Urine 2019 ESBL 4.0000  
## 809 Surgery General Wound 2019 ESBL 4.0000  
## 810 Medicine General Sputum 2019 ESBL 4.0000  
## 811 Surgery ICU Urethra 2019 ESBL 8.0000  
## 812 Medicine General Wound 2019 ESBL 4.0000  
## 813 Pediatric General Wound 2019 ESBL 4.0000  
## 814 Emergency Room Blood 2019 ESBL 1.0000  
## 815 Emergency Room Urine 2019 ESBL 1.0000  
## 816 Pediatric General Blood 2019 ESBL 1.0000  
## 817 Surgery ICU Blood 2019 ESBL >64  
## 818 Surgery General Urine 2019 ESBL 2.0000  
## 819 Medicine General Urine 2019 ESBL 4.0000  
## 820 Surgery General Peritoneal Fluid 2019 ESBL 1.0000  
## 821 Surgery General Urine 2019 ESBL >64  
## 822 Medicine General Urine 2019 ESBL 8.0000  
## 823 Medicine General Urine 2019 ESBL 2.0000  
## 824 Surgery General Urine 2019 ESBL >64  
## 825 Surgery General Wound 2019 ESBL >64  
## 826 Surgery General Wound 2019 ESBL 4.0000  
## 827 Surgery General Urine 2019 ESBL 4.0000  
## 828 General Unspecified ICU Blood 2019 ESBL 8.0000  
## 829 Other Blood 2019 ESBL 4.0000  
## 830 Other Endotracheal aspirate 2019 ESBL 2.0000  
## 831 Pediatric ICU Blood 2019 ESBL 8.0000  
## 832 General Unspecified ICU Urine 2019 ESBL 16.0000  
## 833 General Unspecified ICU Intestinal: Other 2019 ESBL 1.0000  
## 834 General Unspecified ICU Blood 2019 ESBL 2.0000  
## 835 None Given Urine 2019 ESBL 8.0000  
## 836 General Unspecified ICU Blood 2019 ESBL 4.0000  
## 837 Medicine General Urine 2019 ESBL 4.0000  
## 838 Medicine General Urine 2019 ESBL 4.0000  
## 839 Medicine General Urine 2019 ESBL 4.0000  
## 840 General Unspecified ICU Blood 2019 ESBL 64.0000  
## 841 Medicine General Blood 2019 ESBL 8.0000  
## 842 Medicine ICU Blood 2019 ESBL 4.0000  
## 843 Pediatric ICU Blood 2019 ESBL 2.0000  
## 844 Medicine General Sputum 2019 ESBL 1.0000  
## 845 None Given Blood 2019 ESBL 4.0000  
## 846 General Unspecified ICU Blood 2019 ESBL 4.0000  
## 847 Medicine General Blood 2019 ESBL 8.0000  
## 848 Medicine General Blood 2019 ESBL 4.0000  
## 849 General Unspecified ICU Blood 2019 ESBL 4.0000  
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## 851 Pediatric ICU Peritoneal Fluid 2019 ESBL 1.0000  
## 852 Pediatric General Blood 2019 ESBL 4.0000  
## 853 Surgery ICU Blood 2019 ESBL 4.0000  
## 854 Pediatric General Blood 2019 ESBL 2.0000  
## 855 Medicine General Blood 2019 ESBL 4.0000  
## 856 Pediatric General Urine 2019 ESBL 1.0000  
## 857 Emergency Room Blood 2019 ESBL 1.0000  
## 858 Surgery ICU Blood 2019 ESBL 1.0000  
## 859 Pediatric General Blood 2019 ESBL 4.0000  
## 860 Pediatric General Blood 2019 ESBL 2.0000  
## 861 Pediatric General Blood 2019 ESBL 1.0000  
## 862 Surgery ICU Gastric Abscess 2019 ESBL 8.0000  
## 863 Surgery General Urine 2019 ESBL 8.0000  
## 864 Surgery ICU Blood 2019 ESBL 4.0000  
## 865 Medicine General Urine 2019 ESBL 4.0000  
## 866 Emergency Room Endotracheal aspirate 2019 ESBL 8.0000  
## 867 Pediatric ICU Blood 2019 ESBL 1.0000  
## 868 Medicine General Urine 2019 ESBL 4.0000  
## 869 Surgery General Urine 2019 ESBL 64.0000  
## 870 Emergency Room Blood 2019 ESBL 32.0000  
## 871 Surgery ICU Appendix 2019 ESBL 16.0000  
## 872 Surgery ICU Diverticulum 2019 ESBL 8.0000  
## 873 Medicine General Blood 2019 ESBL 4.0000  
## 874 Surgery General Gastric Abscess 2019 ESBL 4.0000  
## 875 Medicine ICU Blood 2019 ESBL 1.0000  
## 876 Medicine ICU Urine 2019 ESBL 4.0000  
## 877 Medicine General Blood 2019 ESBL 8.0000  
## 878 Medicine General Sputum 2019 ESBL 8.0000  
## 879 Medicine General Gastric Abscess 2019 ESBL 16.0000  
## 880 Medicine General Blood 2019 ESBL 8.0000  
## 881 Medicine ICU Blood 2019 ESBL >64  
## 882 Medicine ICU Intestinal: Other 2019 ESBL 32.0000  
## 883 Medicine General Urine 2019 ESBL >64  
## 884 Medicine General Urine 2019 ESBL 4.0000  
## 885 Surgery General Wound 2019 ESBL 4.0000  
## 886 Pediatric General Respiratory: Other 2019 ESBL 4.0000  
## 887 None Given Genitourinary: Other 2019 ESBL 4.0000  
## 888 Surgery General Wound 2019 ESBL 4.0000  
## 889 Surgery General Ulcer 2019 ESBL 16.0000  
## 890 Medicine General Urine 2019 ESBL 4.0000  
## 891 None Given Urine 2019 ESBL 4.0000  
## 892 None Given Wound 2019 ESBL 1.0000  
## 893 Emergency Room Blood 2019 ESBL 8.0000  
## 894 Surgery General Urine 2019 ESBL 4.0000  
## 895 Surgery ICU Bronchus 2019 ESBL >64  
## 896 Pediatric General Wound 2019 ESBL >64  
## 897 Pediatric General Blood 2019 ESBL 4.0000  
## 898 Emergency Room Blood 2019 ESBL 4.0000  
## 899 Medicine ICU Blood 2019 ESBL 1.0000  
## 900 Surgery General Urine 2019 ESBL 4.0000  
## 901 Pediatric General Sputum 2019 ESBL 16.0000  
## 902 Medicine ICU Urine 2019 ESBL 4.0000  
## 903 Medicine General Wound 2019 ESBL 4.0000  
## 904 Medicine General Blood 2019 ESBL 4.0000  
## 905 Pediatric ICU Blood 2019 ESBL 2.0000  
## 906 Pediatric General Blood 2019 ESBL 8.0000  
## 907 Pediatric ICU Blood 2019 ESBL 2.0000  
## 908 Pediatric General Urine 2019 ESBL 8.0000  
## 909 Other Urine 2019 ESBL 8.0000  
## 910 Medicine General Urine 2019 ESBL 4.0000  
## 911 Pediatric General Urine 2019 ESBL 4.0000  
## 912 Medicine General Urine 2019 ESBL 1.0000  
## 913 Medicine General Urine 2019 ESBL 4.0000  
## 914 Surgery General Urine 2019 ESBL 16.0000  
## 915 Medicine General Urine 2019 ESBL 4.0000  
## 916 None Given Urine 2019 ESBL 2.0000  
## 917 Pediatric General Wound 2019 ESBL 8.0000  
## 918 Emergency Room Wound 2019 ESBL >64  
## 919 Emergency Room None Given 2019 ESBL 2.0000  
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## 921 Surgery ICU Wound 2019 ESBL 4.0000  
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## 923 None Given Sputum 2019 ESBL 4.0000  
## 924 Medicine General Urine 2019 ESBL 4.0000  
## 925 Medicine ICU Peritoneal Fluid 2019 ESBL 4.0000  
## 926 Medicine General Blood 2019 ESBL 4.0000  
## 927 Pediatric ICU Blood 2019 ESBL 8.0000  
## 928 Medicine General Blood 2019 ESBL 8.0000  
## 929 Medicine General Blood 2019 ESBL 8.0000  
## 930 Medicine General Peritoneal Fluid 2019 ESBL 2.0000  
## 931 Medicine General Peritoneal Fluid 2019 ESBL 8.0000  
## 932 Medicine ICU Peritoneal Fluid 2019 ESBL 4.0000  
## 933 None Given Blood 2019 ESBL 4.0000  
## 934 Medicine General Blood 2019 ESBL 8.0000  
## 935 Medicine ICU Blood 2019 ESBL 4.0000  
## 936 None Given Blood 2019 ESBL 4.0000  
## 937 Medicine General Peritoneal Fluid 2019 ESBL 2.0000  
## 938 None Given Endotracheal aspirate 2019 ESBL 4.0000  
## 939 Medicine General Urine 2019 ESBL 32.0000  
## 940 Medicine General Urine 2019 ESBL 4.0000  
## 941 None Given Urine 2019 ESBL >64  
## 942 Medicine General Urine 2019 ESBL 2.0000  
## 943 Emergency Room Urine 2019 ESBL 8.0000  
## 944 Medicine General Urine 2019 ESBL 2.0000  
## 945 Surgery General Gastric Abscess 2019 ESBL 8.0000  
## 946 Medicine General Kidney 2019 ESBL 4.0000  
## 947 Medicine General Urine 2019 ESBL 8.0000  
## 948 None Given Urine 2019 ESBL 4.0000  
## 949 Pediatric ICU Blood 2019 ESBL >64  
## 950 Surgery General Blood 2019 ESBL 2.0000  
## 951 Pediatric ICU Blood 2019 ESBL >64  
## 952 Surgery General Urine 2019 ESBL 4.0000  
## 953 Medicine General Wound 2019 ESBL 16.0000  
## 954 Medicine General Ulcer 2019 ESBL 2.0000  
## 955 Pediatric ICU Blood 2019 ESBL 1.0000  
## 956 Pediatric ICU Urine 2019 ESBL >64  
## 957 Pediatric General Bronchoalveolar lavage 2019 ESBL >64  
## 958 Emergency Room Urine 2019 ESBL 8.0000  
## 959 Pediatric General Wound 2019 ESBL 2.0000  
## 960 Medicine General Cellulitis 2019 ESBL 2.0000  
## 961 Other Urine 2019 ESBL 4.0000  
## 962 Surgery General Peritoneal Fluid 2019 ESBL 8.0000  
## 963 Surgery General Wound 2019 ESBL 8.0000  
## 964 Surgery General Wound 2019 ESBL 4.0000  
## 965 Medicine General Urine 2019 ESBL 2.0000  
## 966 Pediatric ICU Blood 2019 ESBL >64  
## 967 Surgery General Wound 2019 ESBL 8.0000  
## 968 Medicine General Urine 2019 ESBL 2.0000  
## 969 Emergency Room Wound 2019 ESBL 2.0000  
## 970 Emergency Room Wound 2019 ESBL 8.0000  
## 971 Surgery ICU Burn 2019 ESBL 4.0000  
## 972 Medicine General Urine 2019 ESBL 4.0000  
## 973 Medicine General Sputum 2019 ESBL 4.0000  
## 974 Medicine General Urine 2019 ESBL 4.0000  
## 975 Surgery General Urine 2019 ESBL 16.0000  
## 976 Pediatric General Urine 2019 ESBL 4.0000  
## 977 Medicine General Wound 2019 ESBL 8.0000  
## 978 Medicine General Sputum 2019 ESBL 2.0000  
## 979 Medicine General Wound 2019 ESBL 2.0000  
## 980 Medicine General Urine 2019 ESBL 16.0000  
## 981 Surgery General Urine 2019 ESBL 2.0000  
## 982 Medicine General Wound 2019 ESBL 4.0000  
## 983 Medicine General Urine 2019 ESBL 16.0000  
## 984 Medicine General Urine 2019 ESBL 2.0000  
## 985 Surgery General Urine 2019 ESBL 1.0000  
## 986 Surgery General Wound 2019 ESBL 8.0000  
## 987 Surgery ICU Burn 2019 ESBL 4.0000  
## 988 None Given Sputum 2019 ESBL 2.0000  
## 989 Emergency Room Urine 2019 ESBL 8.0000  
## 990 Medicine General Urine 2019 ESBL 4.0000  
## 991 Surgery General Gastric Abscess 2019 ESBL 2.0000  
## 992 Medicine General Genitourinary: Other 2019 ESBL 1.0000  
## 993 Surgery General Urine 2019 ESBL 2.0000  
## 994 Surgery General Wound 2019 ESBL 4.0000  
## 995 Medicine General Urine 2019 ESBL 8.0000  
## 996 Medicine ICU Bronchoalveolar lavage 2019 ESBL 4.0000  
## 997 Surgery ICU Gastric Abscess 2019 ESBL 4.0000  
## 998 Surgery General Gall Bladder 2019 ESBL 4.0000  
## 999 General Unspecified ICU Bronchoalveolar lavage 2019 ESBL 8.0000  
## 1000 Surgery General Blood 2019 ESBL 8.0000  
## 1001 Surgery General Blood 2019 ESBL 8.0000  
## 1002 Surgery General Wound 2019 ESBL 4.0000  
## 1003 General Unspecified ICU Bronchoalveolar lavage 2019 ESBL 4.0000  
## 1004 Surgery General Gastric Abscess 2019 ESBL 8.0000  
## 1005 Surgery General Urine 2019 ESBL 16.0000  
## 1006 General Unspecified ICU Bronchoalveolar lavage 2019 ESBL 4.0000  
## 1007 Surgery General Blood 2019 ESBL 4.0000  
## 1008 Medicine General Blood 2019 ESBL 4.0000  
## 1009 None Given Gastric Abscess 2019 ESBL 2.0000  
## 1010 Surgery General Peritoneal Fluid 2019 ESBL 4.0000  
## 1011 Surgery General Prostate 2019 ESBL 4.0000  
## 1012 General Unspecified ICU Bronchoalveolar lavage 2019 ESBL 8.0000  
## 1013 General Unspecified ICU Bronchoalveolar lavage 2019 ESBL 4.0000  
## 1014 Surgery General Gastric Abscess 2019 ESBL 4.0000  
## 1015 General Unspecified ICU Bronchoalveolar lavage 2019 ESBL 8.0000  
## 1016 Emergency Room Urine 2019 ESBL 4.0000  
## 1017 Medicine General Skin: Other 2019 ESBL 8.0000  
## 1018 Surgery General Peritoneal Fluid 2019 ESBL 4.0000  
## 1019 Medicine General Blood 2019 ESBL 16.0000  
## 1020 Pediatric General Blood 2019 ESBL 4.0000  
## 1021 Medicine General Blood 2019 ESBL 2.0000  
## 1022 Surgery ICU Blood 2019 ESBL 4.0000  
## 1023 Pediatric General Blood 2019 ESBL 4.0000  
## 1024 Surgery ICU Blood 2019 ESBL 4.0000  
## 1025 Medicine General Sputum 2019 ESBL 4.0000  
## 1026 Surgery General Urethra 2019 ESBL 4.0000  
## 1027 Pediatric General Urine 2019 ESBL 4.0000  
## 1028 Medicine ICU Respiratory: Other 2019 ESBL 2.0000  
## 1029 Medicine General Urine 2019 ESBL 2.0000  
## 1030 Pediatric General Respiratory: Other 2019 ESBL 4.0000  
## 1031 Medicine ICU Respiratory: Other 2019 ESBL 2.0000  
## 1032 Pediatric General Blood 2019 ESBL 2.0000  
## 1033 Pediatric General Blood 2019 ESBL 4.0000  
## 1034 Medicine General Blood 2019 ESBL 4.0000  
## 1035 Medicine ICU Blood 2019 ESBL 4.0000  
## 1036 Medicine ICU Respiratory: Other 2019 ESBL 2.0000  
## 1037 Medicine General Blood 2019 ESBL 4.0000  
## 1038 Pediatric ICU Blood None Given 2020 ESBL >64  
## 1039 Emergency Room Blood None Given 2020 ESBL 2.0000  
## 1040 Emergency Room Wound None Given 2020 ESBL 2.0000  
## 1041 Surgery General Urine None Given 2020 ESBL 4.0000  
## 1042 Emergency Room Wound None Given 2020 ESBL >64  
## 1043 Emergency Room Urine None Given 2020 ESBL 4.0000  
## 1044 Pediatric General Abscess None Given 2020 ESBL 4.0000  
## 1045 Pediatric General Urine None Given 2020 ESBL 2.0000  
## 1046 Pediatric General Blood None Given 2020 ESBL >64  
## 1047 Surgery General Ulcer None Given 2020 ESBL 4.0000  
## 1048 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1049 Emergency Room Sputum None Given 2020 ESBL 8.0000  
## 1050 Emergency Room Urine None Given 2020 ESBL 2.0000  
## 1051 Medicine General Wound None Given 2020 ESBL 16.0000  
## 1052 Surgery General Urine 2019 ESBL 16.0000  
## 1053 Medicine General Urine 2019 ESBL 32.0000  
## 1054 Surgery General Urine 2019 ESBL 8.0000  
## 1055 Emergency Room Urine 2019 ESBL 2.0000  
## 1056 Emergency Room Wound 2019 ESBL 4.0000  
## 1057 Emergency Room Urine 2019 ESBL 4.0000  
## 1058 Medicine General Urine 2019 ESBL 2.0000  
## 1059 Pediatric General Blood 2019 ESBL 4.0000  
## 1060 Emergency Room Wound 2019 ESBL 1.0000  
## 1061 Emergency Room Urine 2019 ESBL 4.0000  
## 1062 Pediatric General Wound 2019 ESBL 4.0000  
## 1063 Pediatric ICU Skin: Other 2019 ESBL 4.0000  
## 1064 Medicine General Blood None Given 2020 ESBL 4.0000  
## 1065 Emergency Room Blood None Given 2020 ESBL 8.0000  
## 1066 None Given Gastric Abscess None Given 2020 ESBL 4.0000  
## 1067 None Given Wound None Given 2020 ESBL 4.0000  
## 1068 None Given Endotracheal aspirate None Given 2020 ESBL 1.0000  
## 1069 Medicine General Sputum None Given 2020 ESBL 4.0000  
## 1070 Medicine General Sputum None Given 2020 ESBL 2.0000  
## 1071 Pediatric General Sputum None Given 2020 ESBL 1.0000  
## 1072 Medicine General Wound None Given 2020 ESBL 16.0000  
## 1073 Medicine General Peritoneal Fluid None Given 2020 ESBL >64  
## 1074 Medicine General Stomach None Given 2020 ESBL 4.0000  
## 1075 Medicine General Gall Bladder None Given 2020 ESBL 4.0000  
## 1076 None Given Intestinal: Other None Given 2020 ESBL 16.0000  
## 1077 Surgery General Wound None Given 2020 ESBL 8.0000  
## 1078 Surgery ICU Wound None Given 2020 ESBL 1.0000  
## 1079 Pediatric General Blood None Given 2020 ESBL 1.0000  
## 1080 None Given Blood None Given 2020 ESBL 1.0000  
## 1081 Medicine General Blood None Given 2020 ESBL 2.0000  
## 1082 Pediatric ICU Blood None Given 2020 ESBL 4.0000  
## 1083 Pediatric General Urine None Given 2020 ESBL 2.0000  
## 1084 Pediatric General Urine None Given 2020 ESBL 2.0000  
## 1085 Medicine General Blood None Given 2020 ESBL 2.0000  
## 1086 Medicine General Blood None Given 2020 ESBL 2.0000  
## 1087 Medicine General Urine None Given 2020 ESBL 2.0000  
## 1088 Surgery General Urethra None Given 2020 ESBL 16.0000  
## 1089 Medicine General Urine None Given 2020 ESBL 1.0000  
## 1090 None Given Blood None Given 2020 ESBL 2.0000  
## 1091 Emergency Room Wound None Given 2020 ESBL 2.0000  
## 1092 None Given Urine None Given 2020 ESBL 4.0000  
## 1093 Pediatric ICU Blood None Given 2020 ESBL 16.0000  
## 1094 Pediatric General Sputum None Given 2020 ESBL 2.0000  
## 1095 Emergency Room Wound None Given 2020 ESBL 8.0000  
## 1096 Surgery General Urine None Given 2020 ESBL 2.0000  
## 1097 None Given Blood None Given 2020 ESBL >64  
## 1098 Medicine General Wound None Given 2020 ESBL 2.0000  
## 1099 Surgery General Urine None Given 2020 ESBL 2.0000  
## 1100 Pediatric General Urine None Given 2020 ESBL 4.0000  
## 1101 Medicine General Blood None Given 2020 ESBL 4.0000  
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## 1103 Pediatric ICU Urine None Given 2020 ESBL 2.0000  
## 1104 Surgery General Wound None Given 2020 ESBL 2.0000  
## 1105 Pediatric General Urine None Given 2020 ESBL 4.0000  
## 1106 Emergency Room Urine None Given 2020 ESBL 4.0000  
## 1107 Surgery General Urine None Given 2020 ESBL 4.0000  
## 1108 Pediatric ICU Urine None Given 2020 ESBL 8.0000  
## 1109 None Given Wound None Given 2020 ESBL 2.0000  
## 1110 Medicine General Blood None Given 2020 ESBL >64  
## 1111 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1112 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1113 Surgery General Wound None Given 2020 ESBL 8.0000  
## 1114 None Given Blood None Given 2020 ESBL 2.0000  
## 1115 None Given Urine None Given 2020 ESBL 8.0000  
## 1116 Pediatric General Wound None Given 2020 ESBL >64  
## 1117 None Given Urine None Given 2020 ESBL 4.0000  
## 1118 Medicine ICU Blood None Given 2020 ESBL 8.0000  
## 1119 Pediatric General Urine None Given 2020 ESBL 4.0000  
## 1120 Medicine ICU Urine None Given 2020 ESBL 8.0000  
## 1121 Medicine General Intestinal: Other None Given 2020 ESBL 8.0000  
## 1122 Emergency Room Urine None Given 2020 ESBL 8.0000  
## 1123 Medicine General Blood None Given 2020 ESBL 1.0000  
## 1124 Medicine General Blood None Given 2020 ESBL 2.0000  
## 1125 Medicine ICU Sputum None Given 2020 ESBL 1.0000  
## 1126 General Unspecified ICU Endotracheal aspirate None Given 2020 ESBL 2.0000  
## 1127 General Unspecified ICU Blood None Given 2020 ESBL >64  
## 1128 General Unspecified ICU Endotracheal aspirate None Given 2020 ESBL 4.0000  
## 1129 Medicine General Wound None Given 2020 ESBL >64  
## 1130 General Unspecified ICU Wound None Given 2020 ESBL 4.0000  
## 1131 Emergency Room Wound None Given 2020 ESBL 1.0000  
## 1132 Medicine General Sputum None Given 2020 ESBL 1.0000  
## 1133 Medicine ICU Bronchoalveolar lavage None Given 2020 ESBL 4.0000  
## 1134 Pediatric General Urine None Given 2020 ESBL 2.0000  
## 1135 Pediatric General Burn None Given 2020 ESBL 2.0000  
## 1136 Surgery General Urine None Given 2020 ESBL 4.0000  
## 1137 Pediatric General Urine None Given 2020 ESBL 4.0000  
## 1138 Pediatric ICU Blood None Given 2020 ESBL 4.0000  
## 1139 Surgery General Urine None Given 2020 ESBL 2.0000  
## 1140 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1141 Pediatric ICU Blood None Given 2020 ESBL 2.0000  
## 1142 Medicine ICU Bronchoalveolar lavage None Given 2020 ESBL 2.0000  
## 1143 Pediatric General Urine None Given 2020 ESBL >64  
## 1144 Pediatric ICU Blood None Given 2020 ESBL >64  
## 1145 Pediatric ICU Blood None Given 2020 ESBL 2.0000  
## 1146 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1147 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1148 Surgery General Burn None Given 2020 ESBL 2.0000  
## 1149 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1150 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1151 Pediatric ICU Blood None Given 2020 ESBL 1.0000  
## 1152 Medicine General Urine None Given 2020 ESBL 1.0000  
## 1153 Pediatric ICU Blood None Given 2020 ESBL 16.0000  
## 1154 Medicine General Urine None Given 2020 ESBL 1.0000  
## 1155 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1156 None Given Blood None Given 2020 ESBL 16.0000  
## 1157 Surgery ICU Wound None Given 2020 ESBL 16.0000  
## 1158 Emergency Room Urine None Given 2020 ESBL 8.0000  
## 1159 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1160 Medicine General Sputum None Given 2020 ESBL 4.0000  
## 1161 Pediatric ICU Wound None Given 2020 ESBL 16.0000  
## 1162 Medicine General Urine None Given 2020 ESBL 1.0000  
## 1163 Medicine General Wound None Given 2020 ESBL 2.0000  
## 1164 Pediatric ICU Bronchoalveolar lavage None Given 2020 ESBL 8.0000  
## 1165 Surgery General Gastric Abscess None Given 2020 ESBL 1.0000  
## 1166 General Unspecified ICU Bronchoalveolar lavage None Given 2020 ESBL 4.0000  
## 1167 Surgery ICU Bronchoalveolar lavage None Given 2020 ESBL 4.0000  
## 1168 Surgery General Bronchoalveolar lavage None Given 2020 ESBL 8.0000  
## 1169 Pediatric ICU Appendix None Given 2020 ESBL 4.0000  
## 1170 Emergency Room Urine None Given 2020 ESBL 1.0000  
## 1171 Pediatric ICU Intestinal: Other None Given 2020 ESBL 8.0000  
## 1172 General Unspecified ICU Blood None Given 2020 ESBL 4.0000  
## 1173 General Unspecified ICU Blood None Given 2020 ESBL 2.0000  
## 1174 Pediatric ICU Blood None Given 2020 ESBL 16.0000  
## 1175 General Unspecified ICU Peritoneal Fluid None Given 2020 ESBL 32.0000  
## 1176 Surgery ICU Intestinal: Other None Given 2020 ESBL 2.0000  
## 1177 General Unspecified ICU Blood None Given 2020 ESBL 8.0000  
## 1178 Surgery ICU Blood None Given 2020 ESBL 4.0000  
## 1179 Surgery ICU Blood None Given 2020 ESBL >64  
## 1180 Medicine General Blood None Given 2020 ESBL 0.5000  
## 1181 Medicine General Blood None Given 2020 ESBL 2.0000  
## 1182 General Unspecified ICU Sputum None Given 2020 ESBL 32.0000  
## 1183 General Unspecified ICU Blood None Given 2020 ESBL 8.0000  
## 1184 General Unspecified ICU Blood None Given 2020 ESBL 4.0000  
## 1185 General Unspecified ICU Blood None Given 2020 ESBL 16.0000  
## 1186 General Unspecified ICU Sputum None Given 2020 ESBL 4.0000  
## 1187 General Unspecified ICU Blood None Given 2020 ESBL 4.0000  
## 1188 Medicine ICU Blood None Given 2020 ESBL >64  
## 1189 General Unspecified ICU Wound None Given 2020 ESBL 4.0000  
## 1190 Medicine General Blood None Given 2020 ESBL 2.0000  
## 1191 General Unspecified ICU Blood None Given 2020 ESBL 8.0000  
## 1192 Medicine General Peritoneal Fluid None Given 2020 ESBL 4.0000  
## 1193 Medicine ICU Endotracheal aspirate None Given 2020 ESBL 8.0000  
## 1194 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1195 Medicine General Urine None Given 2020 ESBL 4.0000  
## 1196 Medicine ICU Endotracheal aspirate None Given 2020 ESBL 2.0000  
## 1197 Medicine General Urine None Given 2020 ESBL 16.0000  
## 1198 Other Gall Bladder None Given 2020 ESBL 16.0000  
## 1199 Medicine ICU Peritoneal Fluid None Given 2020 ESBL 2.0000  
## 1200 Medicine General Gall Bladder None Given 2020 ESBL 4.0000  
## 1201 Medicine General Sputum None Given 2020 ESBL 4.0000  
## 1202 Medicine General Blood None Given 2020 ESBL 1.0000  
## 1203 Medicine ICU Endotracheal aspirate None Given 2020 ESBL 2.0000  
## 1204 Medicine General Sputum None Given 2020 ESBL 4.0000  
## 1205 Medicine ICU Endotracheal aspirate None Given 2020 ESBL 4.0000  
## 1206 Medicine ICU Endotracheal aspirate None Given 2020 ESBL 2.0000  
## 1207 Medicine ICU Peritoneal Fluid None Given 2020 ESBL 1.0000  
## 1208 Surgery General Abscess None Given 2020 ESBL 32.0000  
## 1209 Surgery General Peritoneal Fluid None Given 2020 ESBL >64  
## 1210 Surgery ICU Blood None Given 2020 ESBL 2.0000  
## 1211 Medicine General Respiratory: Other None Given 2020 ESBL 2.0000  
## 1212 Medicine General Blood None Given 2020 ESBL 16.0000  
## 1213 Surgery ICU Blood None Given 2020 ESBL 4.0000  
## 1214 Medicine General Blood None Given 2020 ESBL >64  
## 1215 Surgery General Abscess None Given 2020 ESBL 2.0000  
## 1216 Pediatric ICU Respiratory: Other None Given 2020 ESBL 2.0000  
## 1217 Surgery ICU Respiratory: Other None Given 2020 ESBL >64  
## 1218 Medicine General Respiratory: Other None Given 2020 ESBL 2.0000  
## 1219 Pediatric General Blood None Given 2020 ESBL 4.0000  
## 1220 General Unspecified ICU Kidney None Given 2020 ESBL 2.0000  
## 1221 Pediatric General Blood None Given 2020 ESBL 1.0000  
## 1222 Medicine General Urine None Given 2020 ESBL 2.0000  
## 1223 Pediatric General Blood None Given 2020 ESBL 4.0000  
## 1224 Surgery General Abscess None Given 2020 ESBL 8.0000  
## 1225 Pediatric General Blood None Given 2020 ESBL 2.0000  
## 1226 Pediatric General Blood None Given 2020 ESBL 4.0000  
## 1227 Pediatric General Blood None Given 2020 ESBL 2.0000  
## 1228 Medicine General Skin: Other None Given 2020 ESBL 4.0000  
## 1229 Pediatric General Blood None Given 2020 ESBL 2.0000  
## 1230 Pediatric General Blood None Given 2020 ESBL 4.0000  
## 1231 Surgery General Abscess None Given 2020 ESBL 1.0000  
## 1232 Medicine General Blood None Given 2020 ESBL 2.0000  
## 1233 Pediatric General Blood None Given 2020 ESBL 2.0000  
## 1234 Surgery General Wound None Given 2020 ESBL 4.0000  
## 1235 Medicine General Blood None Given 2020 ESBL 1.0000  
## 1236 None Given Blood None Given 2020 ESBL 0.5000  
## 1237 Surgery General Skin: Other None Given 2020 ESBL 1.0000  
## 1238 Surgery General Bladder None Given 2020 ESBL 1.0000  
## 1239 Surgery General Abscess None Given 2020 ESBL 4.0000  
## 1240 Medicine General Wound None Given 2020 ESBL 16.0000  
## 1241 Medicine General Urine None Given 2020 ESBL 16.0000  
## 1242 Emergency Room Urine None Given 2020 ESBL 2.0000  
## 1243 Medicine General Intestinal: Other None Given 2020 ESBL 16.0000  
## 1244 Surgery ICU Bladder None Given 2020 ESBL 8.0000  
## 1245 Medicine ICU Intestinal: Other None Given 2020 ESBL 4.0000  
## 1246 Medicine General Blood None Given 2020 ESBL 1.0000  
## 1247 General Unspecified ICU Gastric Abscess None Given 2020 ESBL 1.0000  
## 1248 None Given Urine None Given 2020 ESBL 4.0000  
## 1249 Emergency Room Wound 2021 ESBL 2.0000  
## 1250 Pediatric ICU Blood 2021 ESBL 4.0000  
## 1251 Pediatric ICU Blood 2021 ESBL 2.0000  
## 1252 Pediatric ICU Blood 2021 ESBL 2.0000  
## 1253 Medicine General Wound 2021 ESBL 1.0000  
## 1254 Pediatric General Urine 2021 ESBL 4.0000  
## 1255 Medicine General Wound 2021 ESBL 4.0000  
## 1256 Emergency Room Intestinal: Other 2021 ESBL 2.0000  
## 1257 Emergency Room Wound 2021 ESBL 2.0000  
## 1258 Surgery General Wound 2021 ESBL 4.0000  
## 1259 Medicine General Urine 2021 ESBL 8.0000  
## 1260 Medicine General Wound 2021 ESBL 2.0000  
## 1261 Surgery General Urine 2021 ESBL 8.0000  
## 1262 Surgery General Wound 2021 ESBL 1.0000  
## 1263 Pediatric ICU Blood 2021 ESBL 4.0000  
## 1264 Pediatric General Blood 2021 ESBL >64  
## 1265 Surgery ICU Blood 2021 ESBL 4.0000  
## 1266 Other Urine 2021 ESBL 1.0000  
## 1267 Other Urine 2021 ESBL >64  
## 1268 Medicine ICU Wound 2021 ESBL 4.0000  
## 1269 Medicine General Urine 2021 ESBL 8.0000  
## 1270 None Given Blood 2021 ESBL >64  
## 1271 Emergency Room Urine 2021 ESBL 4.0000  
## 1272 Emergency Room Urine 2021 ESBL 1.0000  
## 1273 Medicine General Urine 2021 ESBL 2.0000  
## 1274 None Given Urine 2021 ESBL 2.0000  
## 1275 Medicine General Wound 2021 ESBL 4.0000  
## 1276 Medicine General Urine 2021 ESBL 8.0000  
## 1277 Surgery General Peritoneal Fluid 2021 ESBL 2.0000  
## 1278 Emergency Room Wound 2021 ESBL 8.0000  
## 1279 Pediatric ICU Urine 2021 ESBL 1.0000  
## 1280 Pediatric ICU Blood 2021 ESBL 4.0000  
## 1281 None Given Wound 2021 ESBL 8.0000  
## 1282 Medicine General Urine 2021 ESBL >64  
## 1283 None Given Urine 2021 ESBL 4.0000  
## 1284 Pediatric ICU Sputum 2021 ESBL 1.0000  
## 1285 Emergency Room Blood 2021 ESBL 4.0000  
## 1286 Medicine General Urine 2021 ESBL 4.0000  
## 1287 Surgery General Blood 2021 ESBL >64  
## 1288 Medicine General Blood 2021 ESBL 16.0000  
## 1289 Medicine General Blood 2021 ESBL 1.0000  
## 1290 Medicine ICU Blood 2021 ESBL 4.0000  
## 1291 Medicine General Sputum 2021 ESBL 4.0000  
## 1292 Medicine General Intestinal: Other 2021 ESBL 8.0000  
## 1293 Medicine General Blood 2021 ESBL >64  
## 1294 Medicine General Wound 2021 ESBL 8.0000  
## 1295 General Unspecified ICU Sputum 2021 ESBL >64  
## 1296 Medicine General Wound 2021 ESBL 1.0000  
## 1297 Medicine ICU Blood 2021 ESBL 4.0000  
## 1298 Medicine General Sputum 2021 ESBL 2.0000  
## 1299 General Unspecified ICU Sputum 2021 ESBL >64  
## 1300 Pediatric General Blood 2021 ESBL 2.0000  
## 1301 General Unspecified ICU Blood 2021 ESBL 2.0000  
## 1302 Medicine General Blood 2021 ESBL >64  
## 1303 Surgery ICU Blood 2021 ESBL 4.0000  
## 1304 Pediatric General Blood 2021 ESBL 4.0000  
## 1305 None Given Blood 2021 ESBL 4.0000  
## 1306 Medicine ICU Blood 2021 ESBL 2.0000  
## 1307 Medicine ICU Endotracheal aspirate 2021 ESBL 1.0000  
## 1308 General Unspecified ICU Urine 2021 ESBL 8.0000  
## 1309 General Unspecified ICU Urine 2021 ESBL 8.0000  
## 1310 General Unspecified ICU Urine 2021 ESBL 2.0000  
## 1311 General Unspecified ICU Urine 2021 ESBL 2.0000  
## 1312 General Unspecified ICU Urine 2021 ESBL 2.0000  
## 1313 General Unspecified ICU Gastric Abscess 2021 ESBL 2.0000  
## 1314 General Unspecified ICU Gastric Abscess 2021 ESBL 4.0000  
## 1315 General Unspecified ICU Urine 2021 ESBL 1.0000  
## Amikacin\_I Amoxycillin.clavulanate Amoxycillin.clavulanate\_I Ampicillin Ampicillin\_I  
## 1 Susceptible 16 Intermediate >32 Resistant  
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## 4 Susceptible 16 Intermediate >32 Resistant  
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## 1176 Susceptible 8.0000 Susceptible >16 Resistant  
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## 1179 Resistant >16 Resistant >16 Resistant  
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## 1181 Susceptible >16 Resistant >16 Resistant  
## 1182 Resistant >16 Resistant >16 Resistant  
## 1183 Intermediate 8.0000 Susceptible >16 Resistant  
## 1184 Susceptible 16.0000 Intermediate >16 Resistant  
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## 1187 Susceptible 8.0000 Susceptible >16 Resistant  
## 1188 Resistant 16.0000 Intermediate >16 Resistant  
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## 1192 Susceptible 16.0000 Intermediate >16 Resistant  
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## 1194 Susceptible 16.0000 Intermediate >16 Resistant  
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## 1200 Susceptible >16 Resistant >16 Resistant  
## 1201 Susceptible 16.0000 Intermediate >16 Resistant  
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## 1204 Susceptible 8.0000 Susceptible >16 Resistant  
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## 1209 Resistant >16 Resistant >16 Resistant  
## 1210 Susceptible 8.0000 Susceptible >16 Resistant  
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## 1212 Resistant >16 Resistant >16 Resistant  
## 1213 Susceptible >16 Resistant >16 Resistant  
## 1214 Resistant >16 Resistant >16 Resistant  
## 1215 Susceptible >16 Resistant >16 Resistant  
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## 1217 Resistant >16 Resistant >16 Resistant  
## 1218 Susceptible 8.0000 Susceptible >16 Resistant  
## 1219 Susceptible 16.0000 Intermediate >16 Resistant  
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## 1221 Susceptible 8.0000 Susceptible >16 Resistant  
## 1222 Susceptible 4.0000 Susceptible >16 Resistant  
## 1223 Susceptible 8.0000 Susceptible >16 Resistant  
## 1224 Intermediate 8.0000 Susceptible >16 Resistant  
## 1225 Susceptible 4.0000 Susceptible >16 Resistant  
## 1226 Susceptible 16.0000 Intermediate >16 Resistant  
## 1227 Susceptible 8.0000 Susceptible >16 Resistant  
## 1228 Susceptible 4.0000 Susceptible >16 Resistant  
## 1229 Susceptible 2.0000 Susceptible >16 Resistant  
## 1230 Susceptible 16.0000 Intermediate >16 Resistant  
## 1231 Susceptible 4.0000 Susceptible >16 Resistant  
## 1232 Susceptible 4.0000 Susceptible >16 Resistant  
## 1233 Susceptible 4.0000 Susceptible >16 Resistant  
## 1234 Susceptible 16.0000 Intermediate >16 Resistant  
## 1235 Susceptible 16.0000 Intermediate >16 Resistant  
## 1236 Susceptible 4.0000 Susceptible >16 Resistant  
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## 1246 Susceptible 8.0000 Susceptible >16 Resistant  
## 1247 Susceptible 2.0000 Susceptible >16 Resistant  
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## 1251 Susceptible 4.0000 Susceptible >16 Resistant  
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## 1253 Susceptible 8.0000 Susceptible >16 Resistant  
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## 1256 Susceptible 4.0000 Susceptible >16 Resistant  
## 1257 Susceptible 4.0000 Susceptible >16 Resistant  
## 1258 Susceptible 16.0000 Intermediate >16 Resistant  
## 1259 Intermediate 8.0000 Susceptible >16 Resistant  
## 1260 Susceptible 4.0000 Susceptible >16 Resistant  
## 1261 Intermediate 16.0000 Intermediate >16 Resistant  
## 1262 Susceptible 4.0000 Susceptible >16 Resistant  
## 1263 Susceptible 16.0000 Intermediate >16 Resistant  
## 1264 Resistant >16 Resistant >16 Resistant  
## 1265 Susceptible 8.0000 Susceptible 16.0000 Intermediate  
## 1266 Susceptible 2.0000 Susceptible 16.0000 Intermediate  
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## 1268 Susceptible 4.0000 Susceptible >16 Resistant  
## 1269 Intermediate 16.0000 Intermediate >16 Resistant  
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## 1271 Susceptible 4.0000 Susceptible >16 Resistant  
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## 1274 Susceptible 4.0000 Susceptible >16 Resistant  
## 1275 Susceptible 4.0000 Susceptible >16 Resistant  
## 1276 Intermediate 8.0000 Susceptible >16 Resistant  
## 1277 Susceptible 16.0000 Intermediate >16 Resistant  
## 1278 Intermediate 8.0000 Susceptible >16 Resistant  
## 1279 Susceptible 8.0000 Susceptible >16 Resistant  
## 1280 Susceptible 8.0000 Susceptible >16 Resistant  
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## 1283 Susceptible 16.0000 Intermediate >16 Resistant  
## 1284 Susceptible 4.0000 Susceptible >16 Resistant  
## 1285 Susceptible 16.0000 Intermediate >16 Resistant  
## 1286 Susceptible 8.0000 Susceptible >16 Resistant  
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## 1289 Susceptible 16.0000 Intermediate >16 Resistant  
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## 1291 Susceptible 8.0000 Susceptible >16 Resistant  
## 1292 Intermediate >16 Resistant >16 Resistant  
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## 1294 Intermediate >16 Resistant >16 Resistant  
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## 1296 Susceptible 8.0000 Susceptible >16 Resistant  
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## 1300 Susceptible 8.0000 Susceptible >16 Resistant  
## 1301 Susceptible 4.0000 Susceptible >16 Resistant  
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## 1305 Susceptible 16.0000 Intermediate >16 Resistant  
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## 1307 Susceptible 8.0000 Susceptible >16 Resistant  
## 1308 Intermediate 4.0000 Susceptible >16 Resistant  
## 1309 Intermediate 4.0000 Susceptible >16 Resistant  
## 1310 Susceptible 4.0000 Susceptible >16 Resistant  
## 1311 Susceptible 4.0000 Susceptible >16 Resistant  
## 1312 Susceptible 4.0000 Susceptible >16 Resistant  
## 1313 Susceptible 4.0000 Susceptible >16 Resistant  
## 1314 Susceptible 4.0000 Susceptible >16 Resistant  
## 1315 Susceptible 2.0000 Susceptible >16 Resistant  
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## 1 8 Intermediate 32 Resistant 0.25  
## 2 >16 Resistant 32 Resistant 0.25  
## 3 16 Resistant 16 Resistant 0.25  
## 4 >16 Resistant 64 Resistant 0.12  
## 5 >16 Resistant 32 Resistant 0.25  
## 6 >16 Resistant 32 Resistant 0.25  
## 7 >16 Resistant 128 Resistant 0.25  
## 8 16 Resistant 32 Resistant 1  
## 9 >16 Resistant 32 Resistant 0.12  
## 10 >16 Resistant 32 Resistant 0.25  
## 11 >16 Resistant 16 Resistant 0.25  
## 12 >16 Resistant 16 Resistant 0.12  
## 13 >16 Resistant 64 Resistant 0.25  
## 14 >16 Resistant 64 Resistant 0.25  
## 15 >16 Resistant 16 Resistant 0.25  
## 16 >16 Resistant 128 Resistant 0.25  
## 17 >16 Resistant 32 Resistant 0.25  
## 18 >16 Resistant 32 Resistant 0.25  
## 19 >16 Resistant 32 Resistant 0.25  
## 20 >16 Resistant 32 Resistant 0.5  
## 21 8 Intermediate 16 Resistant 0.25  
## 22 16 Resistant 16 Resistant 0.25  
## 23 16 Resistant 64 Resistant 0.25  
## 24 16 Resistant 16 Resistant 0.5  
## 25 >16 Resistant 8 Intermediate 0.25  
## 26 8 Intermediate 16 Resistant 1  
## 27 >16 Resistant 64 Resistant 0.25  
## 28 >16 Resistant >128 Resistant 0.25  
## 29 >16 Resistant 64 Resistant 0.25  
## 30 >16 Resistant 64 Resistant 0.12  
## 31 >16 Resistant >128 Resistant >8  
## 32 >16 Resistant 128 Resistant 2  
## 33 >16 Resistant 64 Resistant 0.25  
## 34 <=0.12 Susceptible 64 Resistant 0.25  
## 35 >16 Resistant 64 Resistant 0.25  
## 36 >16 Resistant 64 Resistant 0.25  
## 37 8 Intermediate 16 Resistant 0.25  
## 38 >16 Resistant >128 Resistant >8  
## 39 16 Resistant 64 Resistant 0.12  
## 40 >16 Resistant 32 Resistant 2  
## 41 >16 Resistant 16 Resistant 0.12  
## 42 >16 Resistant 64 Resistant 0.25  
## 43 >16 Resistant 128 Resistant 0.5  
## 44 16 Resistant 64 Resistant 0.25  
## 45 16 Resistant 16 Resistant 0.25  
## 46 >16 Resistant 64 Resistant 0.25  
## 47 >16 Resistant 64 Resistant 0.25  
## 48 16 Resistant >128 Resistant 0.5  
## 49 16 Resistant 32 Resistant 0.06  
## 50 >16 Resistant 32 Resistant 0.06  
## 51 >16 Resistant 32 Resistant 0.06  
## 52 16 Resistant 32 Resistant 0.06  
## 53 >16 Resistant 128 Resistant 0.06  
## 54 8 Intermediate 32 Resistant 0.06  
## 55 16 Resistant 16 Resistant 0.06  
## 56 16 Resistant 32 Resistant 0.06  
## 57 >16 Resistant 64 Resistant 0.25  
## 58 >16 Resistant 32 Resistant 0.06  
## 59 4 Intermediate 8 Intermediate 0.06  
## 60 >16 Resistant 128 Resistant 0.06  
## 61 >16 Resistant 128 Resistant 0.25  
## 62 8 Intermediate 16 Resistant 0.06  
## 63 16 Resistant 32 Resistant 0.06  
## 64 >16 Resistant 32 Resistant 0.25  
## 65 8 Intermediate 16 Resistant 0.06  
## 66 16 Resistant 32 Resistant 0.06  
## 67 >16 Resistant 64 Resistant 0.06  
## 68 >16 Resistant 128 Resistant 0.06  
## 69 >16 Resistant 64 Resistant 0.06  
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## 71 >16 Resistant 128 Resistant 8  
## 72 >16 Resistant >128 Resistant >8  
## 73 16 Resistant 32 Resistant 0.06  
## 74 >16 Resistant 64 Resistant 0.25  
## 75 16 Resistant 32 Resistant 0.25  
## 76 16 Resistant 32 Resistant 0.25  
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## 78 >16 Resistant >128 Resistant 0.25  
## 79 2 Susceptible 64 Resistant 0.06  
## 80 16 Resistant 32 Resistant 0.06  
## 81 16 Resistant 2 Susceptible 0.06  
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## 83 >16 Resistant 32 Resistant 0.06  
## 84 >16 Resistant 64 Resistant 0.06  
## 85 16 Resistant 32 Resistant 0.25  
## 86 >16 Resistant 64 Resistant 0.12  
## 87 0.25 Susceptible 32 Resistant 0.25  
## 88 >16 Resistant >128 Resistant 1  
## 89 >16 Resistant 128 Resistant 0.25  
## 90 1 Susceptible 64 Resistant 0.25  
## 91 >16 Resistant 128 Resistant 0.25  
## 92 4 Intermediate 32 Resistant 0.25  
## 93 8 Intermediate 8 Intermediate 0.12  
## 94 >16 Resistant >128 Resistant 0.06  
## 95 1 Susceptible 128 Resistant 0.25  
## 96 >16 Resistant 32 Resistant 0.12  
## 97 16 Resistant 32 Resistant 0.25  
## 98 >16 Resistant 128 Resistant 0.25  
## 99 16 Resistant 64 Resistant 0.25  
## 100 >16 Resistant 64 Resistant 0.25  
## 101 >16 Resistant 128 Resistant 0.25  
## 102 16 Resistant 64 Resistant 0.12  
## 103 >16 Resistant 64 Resistant 0.25  
## 104 4 Intermediate 0.5 Susceptible 0.25  
## 105 8 Intermediate 16 Resistant 0.25  
## 106 16 Resistant 16 Resistant 0.12  
## 107 16 Resistant 64 Resistant 1  
## 108 8 Intermediate 32 Resistant 0.5  
## 109 16 Resistant 64 Resistant 0.25  
## 110 16 Resistant 32 Resistant 0.25  
## 111 16 Resistant 32 Resistant 0.25  
## 112 >16 Resistant 32 Resistant 0.12  
## 113 8 Intermediate 16 Resistant 0.5  
## 114 >16 Resistant 64 Resistant 0.5  
## 115 <=0.12 Susceptible 64 Resistant 0.25  
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## 119 >16 Resistant 64 Resistant 0.25  
## 120 16 Resistant 32 Resistant 0.12  
## 121 >16 Resistant 64 Resistant 0.25  
## 122 >16 Resistant 128 Resistant 0.25  
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## 126 >16 Resistant 64 Resistant 1  
## 127 >16 Resistant 16 Resistant 0.25  
## 128 >16 Resistant 8 Intermediate 0.5  
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## 131 8 Intermediate 128 Resistant 0.5  
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## 134 >16 Resistant 64 Resistant 0.25  
## 135 16 Resistant 1 Susceptible 0.12  
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## 137 >16 Resistant 32 Resistant 0.25  
## 138 >16 Resistant 64 Resistant 0.5  
## 139 0.5 Susceptible 64 Resistant 0.25  
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## 143 >16 Resistant 32 Resistant 0.5  
## 144 >16 Resistant >128 Resistant 0.25  
## 145 16 Resistant 32 Resistant 0.12  
## 146 >16 Resistant 32 Resistant 0.25  
## 147 >16 Resistant 4 Susceptible 0.12  
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## 150 16 Resistant 16 Resistant 0.12  
## 151 >16 Resistant 16 Resistant 2  
## 152 >16 Resistant 64 Resistant 0.25  
## 153 >16 Resistant >128 Resistant >8  
## 154 >16 Resistant 64 Resistant 0.12  
## 155 8 Intermediate 16 Resistant 0.12  
## 156 8 Intermediate 16 Resistant 0.25  
## 157 >16 Resistant 64 Resistant 8  
## 158 >16 Resistant 32 Resistant >8  
## 159 >16 Resistant 64 Resistant 0.12  
## 160 >16 Resistant 16 Resistant >8  
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## 163 16 Resistant 32 Resistant 0.12  
## 164 16 Resistant 32 Resistant 0.25  
## 165 1 Susceptible 32 Resistant 0.25  
## 166 2 Susceptible 128 Resistant 0.25  
## 167 16 Resistant 64 Resistant 0.12  
## 168 4 Intermediate 16 Resistant 0.25  
## 169 16 Resistant 16 Resistant 0.25  
## 170 >16 Resistant >128 Resistant >8  
## 171 >16 Resistant 16 Resistant >8  
## 172 0.5 Susceptible 16 Resistant 0.5  
## 173 0.25 Susceptible 32 Resistant 0.5  
## 174 >16 Resistant 32 Resistant 0.25  
## 175 4 Intermediate 4 Susceptible 0.25  
## 176 16 Resistant 32 Resistant 0.25  
## 177 >16 Resistant 32 Resistant 0.25  
## 178 >16 Resistant 64 Resistant 0.25  
## 179 >16 Resistant 64 Resistant 0.25  
## 180 16 Resistant 16 Resistant 0.25  
## 181 >16 Resistant >128 Resistant 0.25  
## 182 16 Resistant 32 Resistant 0.5  
## 183 4 Intermediate 8 Intermediate 0.25  
## 184 8 Intermediate 32 Resistant 0.25  
## 185 >16 Resistant 32 Resistant 0.12  
## 186 8 Intermediate 16 Resistant 0.5  
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## 188 >16 Resistant 2 Susceptible 0.25  
## 189 >16 Resistant 32 Resistant 0.25  
## 190 >16 Resistant 64 Resistant 0.12  
## 191 16 Resistant 64 Resistant 0.25  
## 192 16 Resistant 8 Intermediate 0.12  
## 193 >16 Resistant 64 Resistant 0.25  
## 194 >16 Resistant 64 Resistant 0.12  
## 195 >16 Resistant 64 Resistant 0.25  
## 196 >16 Resistant 128 Resistant 0.12  
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## 198 >16 Resistant 128 Resistant 0.25  
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## 204 16 Resistant 32 Resistant 0.25  
## 205 16 Resistant 64 Resistant 0.25  
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## 207 >16 Resistant 32 Resistant 0.12  
## 208 >16 Resistant >128 Resistant >8  
## 209 >16 Resistant >128 Resistant 0.12  
## 210 16 Resistant 32 Resistant 0.12  
## 211 >16 Resistant 32 Resistant 0.12  
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## 213 >16 Resistant 128 Resistant 0.12  
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## 215 >16 Resistant 64 Resistant 0.12  
## 216 >16 Resistant 32 Resistant 0.12  
## 217 >16 Resistant >128 Resistant 0.5  
## 218 >16 Resistant 64 Resistant 0.25  
## 219 16 Resistant 32 Resistant 0.25  
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## 221 >16 Resistant 128 Resistant 0.25  
## 222 >16 Resistant 32 Resistant 0.25  
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## 225 >16 Resistant >128 Resistant >8  
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## 227 >16 Resistant 32 Resistant 0.25  
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## 229 16 Resistant 32 Resistant 0.25  
## 230 8 Intermediate 16 Resistant 0.25  
## 231 4 Intermediate 16 Resistant 0.25  
## 232 16 Resistant 32 Resistant 0.25  
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## 240 16 Resistant 32 Resistant 0.5  
## 241 >16 Resistant 64 Resistant 0.25  
## 242 >16 Resistant >128 Resistant 8  
## 243 >16 Resistant 128 Resistant 0.25  
## 244 16 Resistant 16 Resistant 0.12  
## 245 >16 Resistant >128 Resistant >8  
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## 272 >16 Resistant 64 Resistant 0.25  
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## 274 8 Intermediate 8 Intermediate 0.12  
## 275 16 Resistant 16 Resistant 0.25  
## 276 8 Intermediate 32 Resistant 1  
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## 280 16 Resistant 32 Resistant 0.5  
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## 284 >16 Resistant 32 Resistant 0.25  
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## 363 >16 Resistant 128 Resistant >16 Resistant 4  
## 364 >16 Resistant 32 Resistant >16 Resistant 2  
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## 377 8 Intermediate 4 Susceptible >16 Resistant 0.5  
## 378 4 Intermediate 8 Intermediate >16 Resistant 0.12  
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## 383 8 Intermediate 16 Resistant >16 Resistant 0.12  
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## 385 <=0.12 Susceptible 0.25 Susceptible <=0.06 Susceptible 0.25  
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## 388 8 Intermediate 16 Resistant >16 Resistant 0.25  
## 389 >16 Resistant 64 Resistant >16 Resistant 0.12  
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## 393 16 Resistant 32 Resistant >16 Resistant 0.5  
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## 395 >16 Resistant 128 Resistant >16 Resistant 0.5  
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## 399 2 Susceptible 4 Susceptible 16 Resistant 0.12  
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## 739 >32 Resistant 128 Resistant >8  
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## 763 >32 Resistant 32.0000 Resistant 0.1200  
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## 871 1.0000 Susceptible 1.0000 Susceptible 0.1200  
## 872 2.0000 Susceptible 2.0000 Susceptible 0.1200  
## 873 4.0000 Intermediate 0.5000 Susceptible 0.1200  
## 874 4.0000 Intermediate 8.0000 Intermediate 0.2500  
## 875 8.0000 Intermediate 64.0000 Resistant 0.2500  
## 876 8.0000 Intermediate 16.0000 Resistant 0.1200  
## 877 16.0000 Resistant 32.0000 Resistant 0.2500  
## 878 2.0000 Susceptible 4.0000 Susceptible 0.1200  
## 879 8.0000 Intermediate 16.0000 Resistant 0.1200  
## 880 16.0000 Resistant 16.0000 Resistant 0.2500  
## 881 >32 Resistant >128 Resistant >8  
## 882 16.0000 Resistant 8.0000 Intermediate 0.1200  
## 883 >32 Resistant >128 Resistant >8  
## 884 8.0000 Intermediate 8.0000 Intermediate 0.2500  
## 885 >32 Resistant 16.0000 Resistant 0.2500  
## 886 4.0000 Intermediate 4.0000 Susceptible 0.2500  
## 887 4.0000 Intermediate 4.0000 Susceptible 0.2500  
## 888 >32 Resistant >128 Resistant 8.0000  
## 889 >32 Resistant 32.0000 Resistant 0.2500  
## 890 >32 Resistant >128 Resistant 0.5000  
## 891 >32 Resistant >128 Resistant 0.2500  
## 892 16.0000 Resistant 32.0000 Resistant 0.2500  
## 893 >32 Resistant >128 Resistant >8  
## 894 >32 Resistant 32.0000 Resistant 0.5000  
## 895 >32 Resistant >128 Resistant >8  
## 896 >32 Resistant >128 Resistant >8  
## 897 >32 Resistant 32.0000 Resistant 0.2500  
## 898 >32 Resistant 64.0000 Resistant 0.2500  
## 899 16.0000 Resistant 32.0000 Resistant 1.0000  
## 900 >32 Resistant 64.0000 Resistant 0.2500  
## 901 >32 Resistant 32.0000 Resistant 0.2500  
## 902 >32 Resistant 64.0000 Resistant 0.2500  
## 903 >32 Resistant 32.0000 Resistant 1.0000  
## 904 32.0000 Resistant 64.0000 Resistant 0.2500  
## 905 8.0000 Intermediate 16.0000 Resistant 0.2500  
## 906 16.0000 Resistant 32.0000 Resistant 0.2500  
## 907 16.0000 Resistant 128.0000 Resistant 0.2500  
## 908 16.0000 Resistant 32.0000 Resistant 0.2500  
## 909 >32 Resistant 32.0000 Resistant 0.2500  
## 910 16.0000 Resistant 32.0000 Resistant 0.2500  
## 911 16.0000 Resistant 32.0000 Resistant 0.2500  
## 912 4.0000 Intermediate 8.0000 Intermediate 0.2500  
## 913 32.0000 Resistant 128.0000 Resistant 0.2500  
## 914 >32 Resistant 32.0000 Resistant 0.2500  
## 915 >32 Resistant >128 Resistant 0.2500  
## 916 >32 Resistant >128 Resistant >8  
## 917 32.0000 Resistant 32.0000 Resistant 0.2500  
## 918 >32 Resistant >128 Resistant >8  
## 919 >32 Resistant 128.0000 Resistant 0.2500  
## 920 16.0000 Resistant 32.0000 Resistant 0.2500  
## 921 8.0000 Intermediate 8.0000 Intermediate 0.2500  
## 922 32.0000 Resistant 8.0000 Intermediate 0.2500  
## 923 16.0000 Resistant 32.0000 Resistant 0.1200  
## 924 4.0000 Intermediate 4.0000 Susceptible 0.1200  
## 925 >32 Resistant 64.0000 Resistant >8  
## 926 >32 Resistant 64.0000 Resistant 0.2500  
## 927 >32 Resistant 64.0000 Resistant 0.1200  
## 928 8.0000 Intermediate 32.0000 Resistant 0.1200  
## 929 16.0000 Resistant 128.0000 Resistant 1.0000  
## 930 <=0.12 Susceptible 0.5000 Susceptible 1.0000  
## 931 >32 Resistant 128.0000 Resistant 0.1200  
## 932 >32 Resistant 32.0000 Resistant >8  
## 933 16.0000 Resistant 32.0000 Resistant 0.1200  
## 934 16.0000 Resistant 32.0000 Resistant 0.1200  
## 935 >32 Resistant 64.0000 Resistant 0.1200  
## 936 >32 Resistant 64.0000 Resistant 0.1200  
## 937 >32 Resistant >128 Resistant 1.0000  
## 938 4.0000 Intermediate 16.0000 Resistant 0.2500  
## 939 16.0000 Resistant 16.0000 Resistant 0.1200  
## 940 16.0000 Resistant 32.0000 Resistant 0.1200  
## 941 >32 Resistant 64.0000 Resistant 0.5000  
## 942 8.0000 Intermediate 8.0000 Intermediate 0.1200  
## 943 >32 Resistant 32.0000 Resistant <=0.06  
## 944 16.0000 Resistant 16.0000 Resistant 0.1200  
## 945 >32 Resistant 32.0000 Resistant 0.1200  
## 946 8.0000 Intermediate 32.0000 Resistant 0.1200  
## 947 16.0000 Resistant 128.0000 Resistant 0.1200  
## 948 >32 Resistant >128 Resistant 0.1200  
## 949 >32 Resistant >128 Resistant 8.0000  
## 950 4.0000 Intermediate 8.0000 Intermediate 0.1200  
## 951 >32 Resistant >128 Resistant 8.0000  
## 952 8.0000 Intermediate 64.0000 Resistant 0.2500  
## 953 >32 Resistant 16.0000 Resistant 0.1200  
## 954 8.0000 Intermediate 16.0000 Resistant 0.1200  
## 955 4.0000 Intermediate 8.0000 Intermediate 0.1200  
## 956 >32 Resistant >128 Resistant 4.0000  
## 957 >32 Resistant >128 Resistant 8.0000  
## 958 8.0000 Intermediate 16.0000 Resistant 0.1200  
## 959 >32 Resistant 16.0000 Resistant 0.2500  
## 960 >32 Resistant 16.0000 Resistant 0.2500  
## 961 >32 Resistant >128 Resistant 1.0000  
## 962 32.0000 Resistant 16.0000 Resistant 0.2500  
## 963 >32 Resistant 32.0000 Resistant 0.2500  
## 964 >32 Resistant 32.0000 Resistant 0.2500  
## 965 2.0000 Susceptible 4.0000 Susceptible 0.2500  
## 966 >32 Resistant >128 Resistant >8  
## 967 >32 Resistant 32.0000 Resistant 0.2500  
## 968 >32 Resistant 16.0000 Resistant 0.5000  
## 969 8.0000 Intermediate 16.0000 Resistant 0.2500  
## 970 2.0000 Susceptible 4.0000 Susceptible 0.2500  
## 971 >32 Resistant 64.0000 Resistant 1.0000  
## 972 >32 Resistant 8.0000 Intermediate 0.5000  
## 973 16.0000 Resistant 32.0000 Resistant 0.2500  
## 974 16.0000 Resistant 16.0000 Resistant 0.1200  
## 975 32.0000 Resistant >128 Resistant 4.0000  
## 976 >32 Resistant 2.0000 Susceptible 0.2500  
## 977 32.0000 Resistant 32.0000 Resistant 0.1200  
## 978 >32 Resistant 32.0000 Resistant 0.5000  
## 979 >32 Resistant 32.0000 Resistant 0.2500  
## 980 >32 Resistant 32.0000 Resistant 0.2500  
## 981 >32 Resistant >128 Resistant 2.0000  
## 982 32.0000 Resistant 32.0000 Resistant 0.1200  
## 983 >32 Resistant 16.0000 Resistant 0.2500  
## 984 >32 Resistant 8.0000 Intermediate 0.5000  
## 985 >32 Resistant 128.0000 Resistant 0.2500  
## 986 16.0000 Resistant 64.0000 Resistant 0.5000  
## 987 >32 Resistant 64.0000 Resistant 0.2500  
## 988 >32 Resistant 16.0000 Resistant 0.5000  
## 989 >32 Resistant 16.0000 Resistant 0.2500  
## 990 >32 Resistant >128 Resistant 0.2500  
## 991 16.0000 Resistant 16.0000 Resistant 0.5000  
## 992 16.0000 Resistant 32.0000 Resistant 0.5000  
## 993 >32 Resistant 0.5000 Susceptible 0.2500  
## 994 16.0000 Resistant 16.0000 Resistant 0.2500  
## 995 >32 Resistant 64.0000 Resistant 2.0000  
## 996 8.0000 Intermediate 32.0000 Resistant 0.5000  
## 997 1.0000 Susceptible 4.0000 Susceptible 0.1200  
## 998 >32 Resistant >128 Resistant >8  
## 999 >32 Resistant >128 Resistant 0.2500  
## 1000 >32 Resistant >128 Resistant >8  
## 1001 8.0000 Intermediate 32.0000 Resistant 1.0000  
## 1002 2.0000 Susceptible 4.0000 Susceptible 0.1200  
## 1003 8.0000 Intermediate 8.0000 Intermediate 0.1200  
## 1004 >32 Resistant >128 Resistant 0.2500  
## 1005 >32 Resistant 16.0000 Resistant 0.1200  
## 1006 2.0000 Susceptible 2.0000 Susceptible 0.2500  
## 1007 >32 Resistant 32.0000 Resistant 0.1200  
## 1008 >32 Resistant 128.0000 Resistant 0.1200  
## 1009 8.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1010 0.5000 Susceptible 1.0000 Susceptible 0.1200  
## 1011 >32 Resistant >128 Resistant >8  
## 1012 >32 Resistant 128.0000 Resistant 1.0000  
## 1013 >32 Resistant 128.0000 Resistant 0.2500  
## 1014 16.0000 Resistant 32.0000 Resistant 0.1200  
## 1015 >32 Resistant >128 Resistant >8  
## 1016 >32 Resistant >128 Resistant >8  
## 1017 >32 Resistant 32.0000 Resistant 0.5000  
## 1018 >32 Resistant 8.0000 Intermediate 0.2500  
## 1019 >32 Resistant >128 Resistant >8  
## 1020 32.0000 Resistant 64.0000 Resistant 0.2500  
## 1021 16.0000 Resistant 16.0000 Resistant 0.2500  
## 1022 >32 Resistant 8.0000 Intermediate 2.0000  
## 1023 >32 Resistant 16.0000 Resistant 0.2500  
## 1024 8.0000 Intermediate >128 Resistant >8  
## 1025 32.0000 Resistant 64.0000 Resistant 0.1200  
## 1026 4.0000 Intermediate 16.0000 Resistant 0.2500  
## 1027 4.0000 Intermediate 16.0000 Resistant 0.2500  
## 1028 16.0000 Resistant 64.0000 Resistant 4.0000  
## 1029 4.0000 Intermediate 16.0000 Resistant 0.2500  
## 1030 16.0000 Resistant 32.0000 Resistant 1.0000  
## 1031 8.0000 Intermediate 16.0000 Resistant 0.5000  
## 1032 >32 Resistant >128 Resistant >8  
## 1033 8.0000 Intermediate 16.0000 Resistant 0.2500  
## 1034 16.0000 Resistant 32.0000 Resistant 0.5000  
## 1035 8.0000 Intermediate >128 Resistant 8.0000  
## 1036 8.0000 Intermediate 16.0000 Resistant 1.0000  
## 1037 16.0000 Resistant 4.0000 Susceptible 0.2500  
## 1038 32.0000 Resistant >64 Resistant >8  
## 1039 16.0000 Resistant 16.0000 Resistant 0.1200  
## 1040 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1041 >32 Resistant >64 Resistant >8  
## 1042 32.0000 Resistant >64 Resistant >8  
## 1043 >32 Resistant >64 Resistant >8  
## 1044 32.0000 Resistant 32.0000 Resistant 0.1200  
## 1045 >32 Resistant 16.0000 Resistant 0.2500  
## 1046 >32 Resistant >64 Resistant >8  
## 1047 32.0000 Resistant 64.0000 Resistant 0.2500  
## 1048 16.0000 Resistant 16.0000 Resistant 0.5000  
## 1049 32.0000 Resistant 32.0000 Resistant 0.2500  
## 1050 16.0000 Resistant 32.0000 Resistant 0.1200  
## 1051 >32 Resistant >64 Resistant 0.5000  
## 1052 >32 Resistant 32.0000 Resistant 0.2500  
## 1053 >32 Resistant 16.0000 Resistant 0.2500  
## 1054 16.0000 Resistant 16.0000 Resistant 0.2500  
## 1055 4.0000 Intermediate 4.0000 Susceptible 0.2500  
## 1056 >32 Resistant >128 Resistant 0.2500  
## 1057 16.0000 Resistant 8.0000 Intermediate 0.5000  
## 1058 8.0000 Intermediate 16.0000 Resistant 0.2500  
## 1059 16.0000 Resistant 16.0000 Resistant 0.2500  
## 1060 16.0000 Resistant 4.0000 Susceptible 0.5000  
## 1061 32.0000 Resistant 64.0000 Resistant 0.5000  
## 1062 >32 Resistant 16.0000 Resistant 0.2500  
## 1063 >32 Resistant >128 Resistant 0.5000  
## 1064 8.0000 Intermediate 16.0000 Resistant 0.2500  
## 1065 >32 Resistant 16.0000 Resistant 0.2500  
## 1066 >32 Resistant >64 Resistant 0.2500  
## 1067 4.0000 Intermediate 16.0000 Resistant 0.2500  
## 1068 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1069 32.0000 Resistant 64.0000 Resistant 0.5000  
## 1070 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1071 16.0000 Resistant 8.0000 Intermediate 0.5000  
## 1072 16.0000 Resistant 16.0000 Resistant 4.0000  
## 1073 32.0000 Resistant >64 Resistant >8  
## 1074 >32 Resistant 64.0000 Resistant >8  
## 1075 >32 Resistant >64 Resistant >8  
## 1076 32.0000 Resistant 64.0000 Resistant 0.2500  
## 1077 >32 Resistant 32.0000 Resistant 0.2500  
## 1078 8.0000 Intermediate 32.0000 Resistant 0.2500  
## 1079 4.0000 Intermediate 8.0000 Intermediate 0.5000  
## 1080 2.0000 Susceptible 4.0000 Susceptible 0.2500  
## 1081 16.0000 Resistant 8.0000 Intermediate 0.2500  
## 1082 >32 Resistant >64 Resistant 0.2500  
## 1083 >32 Resistant >64 Resistant 0.5000  
## 1084 >32 Resistant >64 Resistant 0.5000  
## 1085 >32 Resistant 64.0000 Resistant 0.5000  
## 1086 4.0000 Intermediate 4.0000 Susceptible 0.2500  
## 1087 16.0000 Resistant 32.0000 Resistant 0.1200  
## 1088 >32 Resistant >64 Resistant 8.0000  
## 1089 16.0000 Resistant 64.0000 Resistant 0.5000  
## 1090 8.0000 Intermediate 32.0000 Resistant 0.5000  
## 1091 32.0000 Resistant 16.0000 Resistant 0.2500  
## 1092 4.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1093 >32 Resistant >64 Resistant >8  
## 1094 4.0000 Intermediate 4.0000 Susceptible 0.2500  
## 1095 >32 Resistant >64 Resistant >8  
## 1096 16.0000 Resistant 16.0000 Resistant 0.5000  
## 1097 >32 Resistant >64 Resistant >8  
## 1098 16.0000 Resistant 32.0000 Resistant 0.5000  
## 1099 >32 Resistant >64 Resistant 0.2500  
## 1100 32.0000 Resistant 16.0000 Resistant 0.5000  
## 1101 16.0000 Resistant 16.0000 Resistant 0.2500  
## 1102 >32 Resistant >64 Resistant 0.5000  
## 1103 4.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1104 4.0000 Intermediate 4.0000 Susceptible 0.2500  
## 1105 32.0000 Resistant >64 Resistant 0.5000  
## 1106 32.0000 Resistant 32.0000 Resistant 0.2500  
## 1107 4.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1108 >32 Resistant >64 Resistant 0.2500  
## 1109 32.0000 Resistant 64.0000 Resistant 0.1200  
## 1110 >32 Resistant >64 Resistant >8  
## 1111 32.0000 Resistant >64 Resistant 0.2500  
## 1112 >32 Resistant >64 Resistant 8.0000  
## 1113 >32 Resistant >64 Resistant >8  
## 1114 >32 Resistant >64 Resistant 1.0000  
## 1115 >32 Resistant >64 Resistant >8  
## 1116 >32 Resistant >64 Resistant 8.0000  
## 1117 >32 Resistant 32.0000 Resistant 0.2500  
## 1118 >32 Resistant >64 Resistant 8.0000  
## 1119 >32 Resistant >64 Resistant >8  
## 1120 >32 Resistant >64 Resistant >8  
## 1121 32.0000 Resistant 16.0000 Resistant 0.1200  
## 1122 >32 Resistant 32.0000 Resistant 0.2500  
## 1123 32.0000 Resistant 32.0000 Resistant 0.2500  
## 1124 8.0000 Intermediate 32.0000 Resistant 0.1200  
## 1125 32.0000 Resistant >64 Resistant 8.0000  
## 1126 16.0000 Resistant >64 Resistant 4.0000  
## 1127 >32 Resistant >64 Resistant >8  
## 1128 >32 Resistant 64.0000 Resistant 4.0000  
## 1129 >32 Resistant >64 Resistant >8  
## 1130 >32 Resistant 64.0000 Resistant 4.0000  
## 1131 8.0000 Intermediate 32.0000 Resistant 0.1200  
## 1132 8.0000 Intermediate 32.0000 Resistant 0.2500  
## 1133 16.0000 Resistant 16.0000 Resistant 0.2500  
## 1134 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1135 16.0000 Resistant 32.0000 Resistant 2.0000  
## 1136 >32 Resistant 32.0000 Resistant 0.2500  
## 1137 >32 Resistant 32.0000 Resistant 0.2500  
## 1138 16.0000 Resistant 32.0000 Resistant 0.1200  
## 1139 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1140 >32 Resistant 64.0000 Resistant 4.0000  
## 1141 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1142 >32 Resistant >64 Resistant >8  
## 1143 >32 Resistant >64 Resistant >8  
## 1144 >32 Resistant >64 Resistant >8  
## 1145 16.0000 Resistant 16.0000 Resistant 0.2500  
## 1146 >32 Resistant 64.0000 Resistant 0.2500  
## 1147 >32 Resistant 64.0000 Resistant 0.2500  
## 1148 >32 Resistant 32.0000 Resistant 0.2500  
## 1149 >32 Resistant 32.0000 Resistant 0.5000  
## 1150 16.0000 Resistant 16.0000 Resistant 0.2500  
## 1151 >32 Resistant >64 Resistant >8  
## 1152 16.0000 Resistant 64.0000 Resistant 0.2500  
## 1153 8.0000 Intermediate >64 Resistant 0.2500  
## 1154 32.0000 Resistant 64.0000 Resistant 0.5000  
## 1155 16.0000 Resistant 64.0000 Resistant 0.2500  
## 1156 32.0000 Resistant >64 Resistant 0.2500  
## 1157 16.0000 Resistant >64 Resistant 0.2500  
## 1158 >32 Resistant >64 Resistant 0.2500  
## 1159 >32 Resistant >64 Resistant 1.0000  
## 1160 >32 Resistant 32.0000 Resistant 0.5000  
## 1161 >32 Resistant >64 Resistant 0.2500  
## 1162 16.0000 Resistant >64 Resistant 0.2500  
## 1163 >32 Resistant 32.0000 Resistant 0.2500  
## 1164 32.0000 Resistant 64.0000 Resistant 2.0000  
## 1165 8.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1166 >32 Resistant >64 Resistant 4.0000  
## 1167 >32 Resistant >64 Resistant >8  
## 1168 32.0000 Resistant >64 Resistant >8  
## 1169 16.0000 Resistant 64.0000 Resistant 2.0000  
## 1170 8.0000 Intermediate 8.0000 Intermediate 1.0000  
## 1171 32.0000 Resistant 16.0000 Resistant 0.2500  
## 1172 >32 Resistant 64.0000 Resistant 8.0000  
## 1173 >32 Resistant >64 Resistant 4.0000  
## 1174 >32 Resistant >64 Resistant 0.2500  
## 1175 >32 Resistant >64 Resistant 4.0000  
## 1176 16.0000 Resistant 2.0000 Susceptible 0.2500  
## 1177 32.0000 Resistant 64.0000 Resistant 4.0000  
## 1178 >32 Resistant >64 Resistant 8.0000  
## 1179 32.0000 Resistant >64 Resistant >8  
## 1180 >32 Resistant 64.0000 Resistant 8.0000  
## 1181 >32 Resistant 64.0000 Resistant 4.0000  
## 1182 >32 Resistant >64 Resistant >8  
## 1183 32.0000 Resistant 16.0000 Resistant 0.2500  
## 1184 32.0000 Resistant 64.0000 Resistant 4.0000  
## 1185 >32 Resistant >64 Resistant 4.0000  
## 1186 >32 Resistant >64 Resistant 8.0000  
## 1187 16.0000 Resistant 64.0000 Resistant 0.5000  
## 1188 32.0000 Resistant 32.0000 Resistant >8  
## 1189 >32 Resistant 64.0000 Resistant 2.0000  
## 1190 >32 Resistant 64.0000 Resistant 4.0000  
## 1191 >32 Resistant 64.0000 Resistant 0.2500  
## 1192 >32 Resistant >64 Resistant 0.2500  
## 1193 >32 Resistant 64.0000 Resistant 2.0000  
## 1194 >32 Resistant >64 Resistant 0.2500  
## 1195 >32 Resistant >64 Resistant 1.0000  
## 1196 >32 Resistant 64.0000 Resistant 8.0000  
## 1197 16.0000 Resistant 32.0000 Resistant 4.0000  
## 1198 >32 Resistant >64 Resistant 8.0000  
## 1199 >32 Resistant >64 Resistant 8.0000  
## 1200 32.0000 Resistant >64 Resistant 2.0000  
## 1201 >32 Resistant >64 Resistant 0.2500  
## 1202 >32 Resistant >64 Resistant 8.0000  
## 1203 16.0000 Resistant >64 Resistant 1.0000  
## 1204 32.0000 Resistant 64.0000 Resistant 0.2500  
## 1205 >32 Resistant 64.0000 Resistant 4.0000  
## 1206 16.0000 Resistant 64.0000 Resistant 1.0000  
## 1207 >32 Resistant >64 Resistant 8.0000  
## 1208 32.0000 Resistant >64 Resistant 4.0000  
## 1209 >32 Resistant >64 Resistant 2.0000  
## 1210 16.0000 Resistant 8.0000 Intermediate 0.2500  
## 1211 >32 Resistant 32.0000 Resistant 4.0000  
## 1212 >32 Resistant >64 Resistant >8  
## 1213 16.0000 Resistant 32.0000 Resistant 2.0000  
## 1214 >32 Resistant >64 Resistant >8  
## 1215 8.0000 Intermediate 32.0000 Resistant 4.0000  
## 1216 >32 Resistant 64.0000 Resistant 8.0000  
## 1217 >32 Resistant >64 Resistant >8  
## 1218 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1219 16.0000 Resistant 64.0000 Resistant 0.2500  
## 1220 16.0000 Resistant 16.0000 Resistant 0.2500  
## 1221 32.0000 Resistant 64.0000 Resistant 0.2500  
## 1222 32.0000 Resistant 32.0000 Resistant 0.2500  
## 1223 8.0000 Intermediate 32.0000 Resistant 0.2500  
## 1224 4.0000 Intermediate 32.0000 Resistant 0.2500  
## 1225 2.0000 Susceptible 2.0000 Susceptible 0.2500  
## 1226 8.0000 Intermediate 16.0000 Resistant 0.2500  
## 1227 32.0000 Resistant 32.0000 Resistant 0.5000  
## 1228 32.0000 Resistant 16.0000 Resistant 0.2500  
## 1229 4.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1230 16.0000 Resistant 16.0000 Resistant 0.5000  
## 1231 8.0000 Intermediate 16.0000 Resistant 0.2500  
## 1232 32.0000 Resistant 16.0000 Resistant 0.1200  
## 1233 >32 Resistant 16.0000 Resistant 0.2500  
## 1234 16.0000 Resistant 16.0000 Resistant 0.5000  
## 1235 <=0.12 Susceptible 64.0000 Resistant 0.5000  
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## 1237 16.0000 Resistant 8.0000 Intermediate 0.5000  
## 1238 16.0000 Resistant 16.0000 Resistant 0.5000  
## 1239 8.0000 Intermediate 16.0000 Resistant 0.2500  
## 1240 32.0000 Resistant >64 Resistant 2.0000  
## 1241 >32 Resistant >64 Resistant 8.0000  
## 1242 16.0000 Resistant 16.0000 Resistant 0.2500  
## 1243 4.0000 Intermediate 8.0000 Intermediate 0.1200  
## 1244 >32 Resistant >64 Resistant 0.2500  
## 1245 >32 Resistant 32.0000 Resistant 0.2500  
## 1246 32.0000 Resistant 64.0000 Resistant 0.2500  
## 1247 4.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1248 >32 Resistant >64 Resistant 1.0000  
## 1249 32.0000 Resistant 64.0000 Resistant 0.5000  
## 1250 >32 Resistant 64.0000 Resistant 0.2500  
## 1251 32.0000 Resistant 16.0000 Resistant 0.2500  
## 1252 4.0000 Intermediate 16.0000 Resistant 0.5000  
## 1253 32.0000 Resistant 16.0000 Resistant 0.2500  
## 1254 >32 Resistant >64 Resistant 0.2500  
## 1255 32.0000 Resistant 16.0000 Resistant 0.5000  
## 1256 4.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1257 8.0000 Intermediate 4.0000 Susceptible 0.2500  
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## 1259 >32 Resistant 64.0000 Resistant 0.2500  
## 1260 0.5000 Susceptible 1.0000 Susceptible 0.1200  
## 1261 32.0000 Resistant >64 Resistant 0.2500  
## 1262 4.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1263 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1264 >32 Resistant >64 Resistant >8  
## 1265 8.0000 Intermediate 8.0000 Intermediate 0.1200  
## 1266 1.0000 Susceptible 0.5000 Susceptible 0.1200  
## 1267 >32 Resistant >64 Resistant 8.0000  
## 1268 4.0000 Intermediate 4.0000 Susceptible 0.2500  
## 1269 >32 Resistant 64.0000 Resistant 0.2500  
## 1270 >32 Resistant >64 Resistant >8  
## 1271 >32 Resistant 32.0000 Resistant 0.1200  
## 1272 2.0000 Susceptible 1.0000 Susceptible 0.2500  
## 1273 8.0000 Intermediate 2.0000 Susceptible 0.1200  
## 1274 >32 Resistant 32.0000 Resistant 0.2500  
## 1275 8.0000 Intermediate 32.0000 Resistant 0.1200  
## 1276 >32 Resistant 32.0000 Resistant 0.2500  
## 1277 8.0000 Intermediate 4.0000 Susceptible 0.1200  
## 1278 >32 Resistant 32.0000 Resistant 0.2500  
## 1279 >32 Resistant >64 Resistant 0.5000  
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## 1281 >32 Resistant 64.0000 Resistant 1.0000  
## 1282 >32 Resistant >64 Resistant >8  
## 1283 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1284 >32 Resistant 64.0000 Resistant 0.5000  
## 1285 16.0000 Resistant 16.0000 Resistant 0.1200  
## 1286 8.0000 Intermediate 16.0000 Resistant 0.5000  
## 1287 >32 Resistant >64 Resistant >8  
## 1288 >32 Resistant >64 Resistant 8.0000  
## 1289 >32 Resistant >64 Resistant 4.0000  
## 1290 >32 Resistant 64.0000 Resistant 4.0000  
## 1291 8.0000 Intermediate 16.0000 Resistant 0.2500  
## 1292 32.0000 Resistant >64 Resistant >8  
## 1293 >32 Resistant >64 Resistant >8  
## 1294 32.0000 Resistant >64 Resistant 2.0000  
## 1295 >32 Resistant >64 Resistant >8  
## 1296 16.0000 Resistant 32.0000 Resistant 0.2500  
## 1297 >32 Resistant 64.0000 Resistant >8  
## 1298 >32 Resistant >64 Resistant >8  
## 1299 >32 Resistant >64 Resistant >8  
## 1300 8.0000 Intermediate 8.0000 Intermediate 0.1200  
## 1301 8.0000 Intermediate 8.0000 Intermediate 0.2500  
## 1302 >32 Resistant >64 Resistant >8  
## 1303 >32 Resistant 64.0000 Resistant >8  
## 1304 32.0000 Resistant 32.0000 Resistant 0.1200  
## 1305 32.0000 Resistant 32.0000 Resistant 0.1200  
## 1306 32.0000 Resistant 16.0000 Resistant 0.1200  
## 1307 2.0000 Susceptible 1.0000 Susceptible 0.2500  
## 1308 2.0000 Susceptible 2.0000 Susceptible 0.1200  
## 1309 >32 Resistant 32.0000 Resistant 0.1200  
## 1310 32.0000 Resistant 32.0000 Resistant 0.1200  
## 1311 >32 Resistant 32.0000 Resistant 0.1200  
## 1312 >32 Resistant 32.0000 Resistant 0.2500  
## 1313 >32 Resistant 32.0000 Resistant 0.2500  
## 1314 32.0000 Resistant 16.0000 Resistant 0.2500  
## 1315 16.0000 Resistant 16.0000 Resistant 0.1200  
## Imipenem\_I Levofloxacin Levofloxacin\_I Meropenem Meropenem\_I Minocycline Minocycline\_I  
## 1 Susceptible >4 Resistant 0.03 Susceptible   
## 2 Susceptible >4 Resistant 0.03 Susceptible   
## 3 Susceptible >4 Resistant 0.03 Susceptible   
## 4 Susceptible >4 Resistant 0.03 Susceptible   
## 5 Susceptible >4 Resistant 0.03 Susceptible   
## 6 Susceptible >4 Resistant 0.03 Susceptible   
## 7 Susceptible >4 Resistant 0.03 Susceptible   
## 8 Susceptible >4 Resistant 1 Susceptible   
## 9 Susceptible >4 Resistant 0.06 Susceptible   
## 10 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 11 Susceptible >4 Resistant 0.03 Susceptible   
## 12 Susceptible >4 Resistant 0.03 Susceptible   
## 13 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 14 Susceptible >4 Resistant 0.03 Susceptible   
## 15 Susceptible >4 Resistant 0.03 Susceptible   
## 16 Susceptible >4 Resistant 0.06 Susceptible   
## 17 Susceptible >4 Resistant 0.12 Susceptible   
## 18 Susceptible >4 Resistant 0.06 Susceptible   
## 19 Susceptible >4 Resistant 0.03 Susceptible   
## 20 Susceptible >4 Resistant 0.03 Susceptible   
## 21 Susceptible 0.12 Susceptible 0.03 Susceptible   
## 22 Susceptible >4 Resistant 0.06 Susceptible   
## 23 Susceptible >4 Resistant 0.03 Susceptible   
## 24 Susceptible 1 Intermediate 0.06 Susceptible   
## 25 Susceptible >4 Resistant 0.03 Susceptible   
## 26 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 27 Susceptible >4 Resistant 0.06 Susceptible   
## 28 Susceptible >4 Resistant 0.12 Susceptible   
## 29 Susceptible >4 Resistant 0.06 Susceptible   
## 30 Susceptible >4 Resistant 0.03 Susceptible   
## 31 Resistant >4 Resistant >8 Resistant   
## 32 Intermediate >4 Resistant 0.06 Susceptible   
## 33 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 34 Susceptible >4 Resistant 0.03 Susceptible   
## 35 Susceptible >4 Resistant 0.03 Susceptible   
## 36 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 37 Susceptible >4 Resistant 0.03 Susceptible   
## 38 Resistant 2 Resistant >8 Resistant   
## 39 Susceptible >4 Resistant 0.06 Susceptible   
## 40 Intermediate >4 Resistant 4 Resistant   
## 41 Susceptible >4 Resistant 0.03 Susceptible   
## 42 Susceptible >4 Resistant 0.06 Susceptible   
## 43 Susceptible >4 Resistant 0.06 Susceptible   
## 44 Susceptible 1 Intermediate 0.03 Susceptible   
## 45 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 46 Susceptible >4 Resistant 0.03 Susceptible   
## 47 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 48 Susceptible >4 Resistant 0.06 Susceptible   
## 49 Susceptible >4 Resistant 0.03 Susceptible   
## 50 Susceptible >4 Resistant 0.03 Susceptible   
## 51 Susceptible >4 Resistant 0.03 Susceptible   
## 52 Susceptible <=0.03 Susceptible 0.06 Susceptible   
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## 54 Susceptible >4 Resistant 0.03 Susceptible   
## 55 Susceptible >4 Resistant 0.03 Susceptible   
## 56 Susceptible >4 Resistant 0.03 Susceptible   
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## 59 Susceptible >4 Resistant 0.03 Susceptible   
## 60 Susceptible >4 Resistant 0.06 Susceptible   
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## 62 Susceptible >4 Resistant 0.03 Susceptible   
## 63 Susceptible >4 Resistant 0.03 Susceptible   
## 64 Susceptible >4 Resistant 0.03 Susceptible   
## 65 Susceptible >4 Resistant 0.03 Susceptible   
## 66 Susceptible >4 Resistant 0.03 Susceptible   
## 67 Susceptible >4 Resistant 0.03 Susceptible   
## 68 Susceptible >4 Resistant 0.12 Susceptible   
## 69 Susceptible >4 Resistant 0.03 Susceptible   
## 70 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 71 Resistant >4 Resistant >8 Resistant   
## 72 Resistant >4 Resistant >8 Resistant   
## 73 Susceptible 4 Resistant 0.06 Susceptible   
## 74 Susceptible >4 Resistant 0.06 Susceptible   
## 75 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 76 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 77 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 78 Susceptible 4 Resistant 0.12 Susceptible   
## 79 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 80 Susceptible >4 Resistant 0.03 Susceptible   
## 81 Susceptible 0.25 Susceptible 0.03 Susceptible   
## 82 Susceptible >4 Resistant 0.12 Susceptible   
## 83 Susceptible >4 Resistant 0.03 Susceptible   
## 84 Susceptible >4 Resistant 0.03 Susceptible   
## 85 Susceptible >4 Resistant 0.03 Susceptible   
## 86 Susceptible >4 Resistant 0.03 Susceptible   
## 87 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 88 Susceptible 1 Intermediate 2 Intermediate   
## 89 Susceptible >4 Resistant 0.25 Susceptible   
## 90 Susceptible >4 Resistant 0.03 Susceptible   
## 91 Susceptible >4 Resistant 0.03 Susceptible   
## 92 Susceptible 1 Intermediate 0.06 Susceptible   
## 93 Susceptible >4 Resistant 0.03 Susceptible   
## 94 Susceptible >4 Resistant 0.03 Susceptible   
## 95 Susceptible >4 Resistant 0.03 Susceptible   
## 96 Susceptible 1 Intermediate 0.03 Susceptible   
## 97 Susceptible 1 Intermediate 0.06 Susceptible   
## 98 Susceptible >4 Resistant 0.06 Susceptible   
## 99 Susceptible 1 Intermediate 0.06 Susceptible   
## 100 Susceptible 1 Intermediate 0.06 Susceptible   
## 101 Susceptible <=0.03 Susceptible 0.03 Susceptible   
## 102 Susceptible >4 Resistant 0.03 Susceptible   
## 103 Susceptible >4 Resistant 0.06 Susceptible   
## 104 Susceptible <=0.03 Susceptible 0.015 Susceptible   
## 105 Susceptible 1 Intermediate 0.03 Susceptible   
## 106 Susceptible 0.06 Susceptible 0.015 Susceptible   
## 107 Susceptible 1 Intermediate 0.06 Susceptible   
## 108 Susceptible 1 Intermediate 0.03 Susceptible   
## 109 Susceptible >4 Resistant 0.03 Susceptible   
## 110 Susceptible >4 Resistant 0.06 Susceptible   
## 111 Susceptible 4 Resistant 0.06 Susceptible   
## 112 Susceptible >4 Resistant 0.03 Susceptible   
## 113 Susceptible 1 Intermediate 0.03 Susceptible   
## 114 Susceptible >4 Resistant 0.06 Susceptible   
## 115 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 116 Resistant 1 Intermediate >8 Resistant   
## 117 Susceptible >4 Resistant 0.12 Susceptible   
## 118 Susceptible 1 Intermediate 0.06 Susceptible   
## 119 Susceptible 1 Intermediate 0.06 Susceptible   
## 120 Susceptible >4 Resistant 0.03 Susceptible   
## 121 Susceptible 2 Resistant 0.03 Susceptible   
## 122 Susceptible >4 Resistant 0.03 Susceptible   
## 123 Susceptible 1 Intermediate 0.06 Susceptible   
## 124 Susceptible <=0.03 Susceptible 0.03 Susceptible   
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## 126 Susceptible >4 Resistant 0.06 Susceptible   
## 127 Susceptible >4 Resistant 0.06 Susceptible   
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## 129 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 130 Susceptible 0.5 Susceptible 0.06 Susceptible   
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## 132 Susceptible >4 Resistant 0.06 Susceptible   
## 133 Susceptible >4 Resistant 0.03 Susceptible   
## 134 Susceptible 1 Intermediate 0.06 Susceptible   
## 135 Susceptible 1 Intermediate 0.03 Susceptible   
## 136 Susceptible 2 Resistant 0.03 Susceptible   
## 137 Susceptible 1 Intermediate 0.06 Susceptible   
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## 140 Susceptible 0.06 Susceptible 0.03 Susceptible   
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## 142 Susceptible >4 Resistant 0.03 Susceptible   
## 143 Susceptible >4 Resistant 0.12 Susceptible   
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## 147 Susceptible >4 Resistant 0.03 Susceptible   
## 148 Susceptible >4 Resistant 0.06 Susceptible   
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## 150 Susceptible >4 Resistant 0.03 Susceptible   
## 151 Intermediate 1 Intermediate 0.12 Susceptible   
## 152 Susceptible >4 Resistant 0.06 Susceptible   
## 153 Resistant >4 Resistant >8 Resistant   
## 154 Susceptible >4 Resistant 0.06 Susceptible   
## 155 Susceptible 1 Intermediate 0.03 Susceptible   
## 156 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 157 Resistant >4 Resistant >8 Resistant   
## 158 Resistant >4 Resistant >8 Resistant   
## 159 Susceptible >4 Resistant 0.03 Susceptible   
## 160 Resistant >4 Resistant >8 Resistant   
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## 162 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 163 Susceptible >4 Resistant 0.03 Susceptible   
## 164 Susceptible >4 Resistant 0.12 Susceptible   
## 165 Susceptible 1 Intermediate 0.03 Susceptible   
## 166 Susceptible 0.12 Susceptible 0.03 Susceptible   
## 167 Susceptible 0.06 Susceptible 0.03 Susceptible   
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## 171 Resistant >4 Resistant >8 Resistant   
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## 173 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 174 Susceptible >4 Resistant 0.12 Susceptible   
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## 179 Susceptible >4 Resistant 0.03 Susceptible   
## 180 Susceptible >4 Resistant 0.03 Susceptible   
## 181 Susceptible >4 Resistant 0.12 Susceptible   
## 182 Susceptible >4 Resistant 0.06 Susceptible   
## 183 Susceptible 1 Intermediate 0.06 Susceptible   
## 184 Susceptible 0.06 Susceptible 0.06 Susceptible   
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## 186 Susceptible 1 Intermediate 0.06 Susceptible   
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## 191 Susceptible >4 Resistant 0.06 Susceptible   
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## 193 Susceptible 1 Intermediate 0.06 Susceptible   
## 194 Susceptible >4 Resistant 0.06 Susceptible   
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## 198 Susceptible >4 Resistant 0.06 Susceptible   
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## 200 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 201 Susceptible 4 Resistant 0.03 Susceptible   
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## 203 Susceptible >4 Resistant 0.03 Susceptible   
## 204 Susceptible 1 Intermediate 0.06 Susceptible   
## 205 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 206 Susceptible >4 Resistant 0.03 Susceptible   
## 207 Susceptible >4 Resistant 0.03 Susceptible   
## 208 Resistant >4 Resistant >8 Resistant   
## 209 Susceptible >4 Resistant 0.06 Susceptible   
## 210 Susceptible >4 Resistant 0.03 Susceptible   
## 211 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 212 Susceptible 1 Intermediate 0.06 Susceptible   
## 213 Susceptible >4 Resistant 0.03 Susceptible   
## 214 Susceptible >4 Resistant 0.06 Susceptible   
## 215 Susceptible >4 Resistant 0.06 Susceptible   
## 216 Susceptible >4 Resistant 0.06 Susceptible   
## 217 Susceptible 4 Resistant 0.12 Susceptible   
## 218 Susceptible >4 Resistant 0.06 Susceptible   
## 219 Susceptible 4 Resistant 0.03 Susceptible   
## 220 Susceptible 1 Intermediate 0.03 Susceptible   
## 221 Susceptible >4 Resistant 0.06 Susceptible   
## 222 Susceptible >4 Resistant 0.03 Susceptible   
## 223 Susceptible >4 Resistant 0.06 Susceptible   
## 224 Susceptible >4 Resistant 0.25 Susceptible   
## 225 Resistant 2 Resistant >8 Resistant   
## 226 Susceptible >4 Resistant 0.015 Susceptible   
## 227 Susceptible >4 Resistant 0.06 Susceptible   
## 228 Susceptible >4 Resistant 0.03 Susceptible   
## 229 Susceptible 1 Intermediate 0.06 Susceptible   
## 230 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 231 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 232 Susceptible >4 Resistant 0.06 Susceptible   
## 233 Resistant 2 Resistant >8 Resistant   
## 234 Susceptible >4 Resistant 0.06 Susceptible   
## 235 Susceptible >4 Resistant 0.03 Susceptible   
## 236 Susceptible >4 Resistant 0.03 Susceptible   
## 237 Susceptible >4 Resistant 0.06 Susceptible   
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## 239 Susceptible >4 Resistant 0.03 Susceptible   
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## 241 Susceptible >4 Resistant 0.06 Susceptible   
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## 243 Susceptible >4 Resistant 0.06 Susceptible   
## 244 Susceptible >4 Resistant 0.015 Susceptible   
## 245 Resistant >4 Resistant >8 Resistant   
## 246 Susceptible >4 Resistant 0.06 Susceptible   
## 247 Susceptible >4 Resistant 0.12 Susceptible   
## 248 Resistant 1 Intermediate >8 Resistant   
## 249 Susceptible >4 Resistant 0.03 Susceptible   
## 250 Susceptible >4 Resistant 0.03 Susceptible   
## 251 Susceptible >4 Resistant 0.03 Susceptible   
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## 253 Susceptible >4 Resistant 0.03 Susceptible   
## 254 Susceptible >4 Resistant 0.03 Susceptible   
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## 256 Susceptible 0.06 Susceptible 0.06 Susceptible   
## 257 Susceptible 0.06 Susceptible 0.03 Susceptible   
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## 259 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 260 Susceptible >4 Resistant 0.06 Susceptible   
## 261 Susceptible >4 Resistant 1 Susceptible   
## 262 Susceptible 0.5 Susceptible 0.015 Susceptible   
## 263 Susceptible >4 Resistant 0.12 Susceptible   
## 264 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 265 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 266 Susceptible >4 Resistant 0.03 Susceptible   
## 267 Susceptible >4 Resistant 0.06 Susceptible   
## 268 Susceptible >4 Resistant 0.06 Susceptible   
## 269 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 270 Susceptible >4 Resistant 0.03 Susceptible   
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## 274 Susceptible >4 Resistant 0.03 Susceptible   
## 275 Susceptible 1 Intermediate 0.03 Susceptible   
## 276 Susceptible 2 Resistant 0.03 Susceptible   
## 277 2 Resistant 4 Resistant 1 Susceptible  
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## 279 Susceptible >8 Resistant 0.03 Susceptible   
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## 281 Susceptible >8 Resistant 0.03 Susceptible   
## 282 Susceptible >8 Resistant 0.06 Susceptible   
## 283 Susceptible 8 Resistant 0.06 Susceptible   
## 284 Susceptible 1 Intermediate 0.06 Susceptible   
## 285 Susceptible 0.5 Susceptible 0.03 Susceptible   
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## 287 Susceptible 1 Intermediate 0.06 Susceptible   
## 288 Intermediate 0.12 Susceptible 2 Intermediate   
## 289 Susceptible 0.06 Susceptible 0.06 Susceptible   
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## 291 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 292 Susceptible 1 Intermediate 0.03 Susceptible   
## 293 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 294 Susceptible >8 Resistant 0.03 Susceptible   
## 295 Susceptible 0.12 Susceptible 0.03 Susceptible   
## 296 Susceptible >8 Resistant 0.06 Susceptible   
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## 299 Susceptible >8 Resistant 0.06 Susceptible   
## 300 Susceptible >8 Resistant 0.03 Susceptible   
## 301 Susceptible >8 Resistant 0.03 Susceptible   
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## 303 Susceptible 1 Intermediate 0.06 Susceptible   
## 304 Susceptible >8 Resistant 0.06 Susceptible   
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## 307 Susceptible 2 Resistant 0.06 Susceptible   
## 308 Susceptible 1 Intermediate 0.06 Susceptible   
## 309 Susceptible >8 Resistant 0.06 Susceptible   
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## 314 Susceptible >8 Resistant 0.03 Susceptible   
## 315 Susceptible 1 Intermediate 0.03 Susceptible   
## 316 Susceptible 4 Resistant 0.03 Susceptible   
## 317 Susceptible 8 Resistant 0.06 Susceptible   
## 318 Susceptible 2 Resistant 0.06 Susceptible   
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## 326 Susceptible 1 Intermediate 0.12 Susceptible   
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## 328 Susceptible 1 Intermediate 0.06 Susceptible   
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## 330 Susceptible >8 Resistant 0.06 Susceptible   
## 331 Susceptible >8 Resistant 0.12 Susceptible   
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## 333 Susceptible >8 Resistant 0.06 Susceptible   
## 334 Susceptible >8 Resistant 0.06 Susceptible   
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## 336 Susceptible 1 Intermediate 0.03 Susceptible   
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## 343 Susceptible 1 Intermediate 0.06 Susceptible   
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## 356 Resistant 0.5 Susceptible 1 Susceptible   
## 357 Susceptible >8 Resistant 0.06 Susceptible   
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## 360 Intermediate 8 Resistant 0.12 Susceptible   
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## 363 Resistant 1 Intermediate 1 Susceptible   
## 364 Intermediate 1 Intermediate 0.06 Susceptible   
## 365 Susceptible 1 Intermediate 1 Susceptible   
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## 368 Susceptible 2 Resistant 0.06 Susceptible   
## 369 Susceptible 0.5 Susceptible 0.12 Susceptible   
## 370 Susceptible 0.12 Susceptible 0.06 Susceptible   
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## 372 Intermediate 0.5 Susceptible 0.25 Susceptible   
## 373 Susceptible 1 Intermediate 1 Susceptible   
## 374 Susceptible 0.12 Susceptible 0.06 Susceptible   
## 375 Susceptible 2 Resistant 0.06 Susceptible   
## 376 Susceptible 0.03 Susceptible 0.06 Susceptible   
## 377 Susceptible 0.5 Susceptible 0.06 Susceptible   
## 378 Susceptible >8 Resistant 0.03 Susceptible   
## 379 Susceptible 2 Resistant 1 Susceptible   
## 380 Susceptible >8 Resistant 0.06 Susceptible   
## 381 Susceptible 8 Resistant 0.06 Susceptible   
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## 383 Susceptible 1 Intermediate 0.06 Susceptible   
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## 386 Susceptible >8 Resistant 0.03 Susceptible   
## 387 Susceptible 1 Intermediate 0.06 Susceptible   
## 388 Susceptible 8 Resistant 0.03 Susceptible   
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## 394 Susceptible 1 Intermediate 0.06 Susceptible   
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## 403 Susceptible >8 Resistant 0.06 Susceptible   
## 404 Susceptible >8 Resistant 0.03 Susceptible   
## 405 Susceptible 8 Resistant 0.03 Susceptible   
## 406 Susceptible >8 Resistant 2 Intermediate   
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## 409 Susceptible >8 Resistant 0.03 Susceptible   
## 410 Susceptible 8 Resistant 0.03 Susceptible   
## 411 Susceptible >8 Resistant 0.015 Susceptible   
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## 415 Susceptible >8 Resistant 0.5 Susceptible   
## 416 Susceptible >8 Resistant 0.015 Susceptible   
## 417 Susceptible >8 Resistant 0.015 Susceptible   
## 418 Resistant >8 Resistant 8 Resistant   
## 419 Susceptible >8 Resistant 0.03 Susceptible   
## 420 Susceptible 4 Resistant 0.06 Susceptible   
## 421 Susceptible >8 Resistant 0.03 Susceptible   
## 422 Susceptible >8 Resistant 0.03 Susceptible   
## 423 Susceptible 1 Intermediate 0.03 Susceptible   
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## 453 Resistant >8 Resistant >8 Resistant   
## 454 Susceptible 2 Resistant 1 Susceptible   
## 455 Resistant >8 Resistant >8 Resistant   
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## 463 Susceptible >8 Resistant 0.03 Susceptible   
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## 465 Resistant >8 Resistant >8 Resistant   
## 466 Susceptible >8 Resistant 0.015 Susceptible   
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## 468 Susceptible 1 Intermediate 0.03 Susceptible   
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## 477 Susceptible 1 Intermediate 0.03 Susceptible   
## 478 Susceptible >8 Resistant 0.06 Susceptible   
## 479 Susceptible >8 Resistant 0.25 Susceptible   
## 480 Resistant >8 Resistant >8 Resistant   
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## 484 8 Resistant <=0.06 Susceptible 16 Resistant  
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## 486 Intermediate 2 Resistant 2 Intermediate   
## 487 Susceptible 1 Intermediate 0.03 Susceptible   
## 488 Susceptible 0.06 Susceptible 0.03 Susceptible   
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## 490 Susceptible 1 Intermediate 0.03 Susceptible   
## 491 Susceptible 8 Resistant 0.06 Susceptible   
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## 494 Resistant 0.5 Susceptible 8 Resistant   
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## 510 Intermediate 2 Resistant 0.5 Susceptible   
## 511 Susceptible 0.06 Susceptible 0.03 Susceptible   
## 512 Susceptible 0.5 Susceptible 0.03 Susceptible   
## 513 Susceptible 1 Intermediate 1 Susceptible   
## 514 Susceptible >8 Resistant 0.015 Susceptible   
## 515 Intermediate >8 Resistant 0.5 Susceptible   
## 516 Susceptible 0.25 Susceptible 0.015 Susceptible   
## 517 Resistant >8 Resistant 0.5 Susceptible   
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## 519 Susceptible >8 Resistant <=0.06 Susceptible   
## 520 Susceptible >8 Resistant <=0.06 Susceptible   
## 521 Susceptible >8 Resistant <=0.06 Susceptible   
## 522 Susceptible >8 Resistant <=0.06 Susceptible   
## 523 Susceptible >8 Resistant <=0.06 Susceptible   
## 524 Susceptible >8 Resistant <=0.06 Susceptible   
## 525 Susceptible 1 Intermediate <=0.06 Susceptible   
## 526 Susceptible 1 Intermediate <=0.06 Susceptible   
## 527 Susceptible >8 Resistant <=0.06 Susceptible   
## 528 Susceptible >8 Resistant <=0.06 Susceptible   
## 529 Susceptible 1 Intermediate <=0.06 Susceptible   
## 530 Susceptible 1 Intermediate <=0.06 Susceptible   
## 531 Susceptible 1 Intermediate <=0.06 Susceptible   
## 532 Susceptible 1 Intermediate <=0.06 Susceptible   
## 533 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 534 Susceptible 1 Intermediate <=0.06 Susceptible   
## 535 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 536 Susceptible >8 Resistant <=0.06 Susceptible   
## 537 Susceptible >8 Resistant <=0.06 Susceptible   
## 538 Susceptible 8 Resistant <=0.06 Susceptible   
## 539 Susceptible 8 Resistant <=0.06 Susceptible   
## 540 Susceptible >8 Resistant <=0.06 Susceptible   
## 541 Susceptible 1 Intermediate <=0.06 Susceptible   
## 542 Susceptible >8 Resistant <=0.06 Susceptible   
## 543 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 544 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 545 Susceptible >8 Resistant 4 Resistant   
## 546 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 547 Susceptible >8 Resistant <=0.06 Susceptible   
## 548 Susceptible 1 Intermediate <=0.06 Susceptible   
## 549 Susceptible 1 Intermediate <=0.06 Susceptible   
## 550 Susceptible 8 Resistant <=0.06 Susceptible   
## 551 Susceptible 2 Resistant <=0.06 Susceptible   
## 552 Resistant >8 Resistant >16 Resistant   
## 553 Susceptible 8 Resistant <=0.06 Susceptible   
## 554 Resistant >8 Resistant >16 Resistant   
## 555 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 556 Susceptible >8 Resistant <=0.06 Susceptible   
## 557 Susceptible 1 Intermediate <=0.06 Susceptible   
## 558 Resistant >8 Resistant >16 Resistant   
## 559 Susceptible >8 Resistant <=0.06 Susceptible   
## 560 Susceptible >8 Resistant <=0.06 Susceptible   
## 561 Susceptible 2 Resistant <=0.06 Susceptible   
## 562 Susceptible 8 Resistant <=0.06 Susceptible   
## 563 Susceptible 8 Resistant <=0.06 Susceptible   
## 564 Resistant >8 Resistant >16 Resistant   
## 565 Susceptible >8 Resistant <=0.06 Susceptible   
## 566 Susceptible >8 Resistant <=0.06 Susceptible   
## 567 Susceptible >8 Resistant <=0.06 Susceptible   
## 568 Susceptible >8 Resistant <=0.06 Susceptible   
## 569 Susceptible >8 Resistant <=0.06 Susceptible   
## 570 Susceptible >8 Resistant <=0.06 Susceptible   
## 571 Susceptible >8 Resistant <=0.06 Susceptible   
## 572 Resistant >8 Resistant >16 Resistant   
## 573 Susceptible >8 Resistant 0.5 Susceptible   
## 574 Resistant >8 Resistant >16 Resistant   
## 575 Susceptible >8 Resistant <=0.06 Susceptible   
## 576 Susceptible >8 Resistant <=0.06 Susceptible   
## 577 Susceptible 8 Resistant <=0.06 Susceptible   
## 578 Susceptible >8 Resistant <=0.06 Susceptible   
## 579 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 580 Susceptible >8 Resistant <=0.06 Susceptible   
## 581 Susceptible >8 Resistant <=0.06 Susceptible   
## 582 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 583 Susceptible >8 Resistant <=0.06 Susceptible   
## 584 Intermediate 0.5 Susceptible 0.12 Susceptible   
## 585 Susceptible >8 Resistant <=0.06 Susceptible   
## 586 Resistant 1 Intermediate >16 Resistant   
## 587 Susceptible >8 Resistant <=0.06 Susceptible   
## 588 Resistant 1 Intermediate >16 Resistant   
## 589 Resistant 1 Intermediate >16 Resistant   
## 590 Susceptible 1 Intermediate <=0.06 Susceptible   
## 591 Susceptible >8 Resistant <=0.06 Susceptible   
## 592 Susceptible >8 Resistant <=0.06 Susceptible   
## 593 Resistant >8 Resistant >16 Resistant   
## 594 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 595 Susceptible 2 Resistant <=0.06 Susceptible   
## 596 Susceptible 1 Intermediate <=0.06 Susceptible   
## 597 Susceptible >8 Resistant <=0.06 Susceptible   
## 598 Resistant >8 Resistant >16 Resistant   
## 599 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 600 Susceptible 1 Intermediate <=0.06 Susceptible   
## 601 Susceptible >8 Resistant <=0.06 Susceptible   
## 602 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 603 Susceptible 1 Intermediate <=0.06 Susceptible   
## 604 Susceptible >8 Resistant 0.5 Susceptible   
## 605 Susceptible >8 Resistant 0.5 Susceptible   
## 606 Susceptible >8 Resistant <=0.06 Susceptible   
## 607 Susceptible 1 Intermediate <=0.06 Susceptible   
## 608 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 609 Susceptible >8 Resistant <=0.06 Susceptible   
## 610 Susceptible >8 Resistant <=0.06 Susceptible   
## 611 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 612 Susceptible >8 Resistant <=0.06 Susceptible   
## 613 Susceptible >8 Resistant 0.5 Susceptible   
## 614 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 615 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 616 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 617 Susceptible 8 Resistant <=0.06 Susceptible   
## 618 Susceptible >8 Resistant <=0.06 Susceptible   
## 619 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 620 Susceptible >8 Resistant <=0.06 Susceptible   
## 621 Susceptible >8 Resistant <=0.06 Susceptible   
## 622 Susceptible >8 Resistant <=0.06 Susceptible   
## 623 Susceptible 0.5 Susceptible 0.12 Susceptible   
## 624 Susceptible >8 Resistant <=0.06 Susceptible   
## 625 Susceptible >8 Resistant <=0.06 Susceptible   
## 626 Susceptible >8 Resistant <=0.06 Susceptible   
## 627 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 628 Susceptible 4 Resistant 2 Intermediate   
## 629 Susceptible 8 Resistant 0.5 Susceptible   
## 630 Susceptible >8 Resistant <=0.06 Susceptible   
## 631 Susceptible >8 Resistant <=0.06 Susceptible   
## 632 Susceptible 8 Resistant <=0.06 Susceptible   
## 633 Susceptible >8 Resistant <=0.06 Susceptible   
## 634 Susceptible >8 Resistant <=0.06 Susceptible   
## 635 Susceptible 8 Resistant 0.12 Susceptible   
## 636 Susceptible >8 Resistant <=0.06 Susceptible   
## 637 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 638 Susceptible 8 Resistant <=0.06 Susceptible   
## 639 Susceptible >8 Resistant <=0.06 Susceptible   
## 640 Susceptible >8 Resistant <=0.06 Susceptible   
## 641 Susceptible 1 Intermediate <=0.06 Susceptible   
## 642 Susceptible >8 Resistant <=0.06 Susceptible   
## 643 Susceptible >8 Resistant <=0.06 Susceptible   
## 644 Susceptible 4 Resistant <=0.06 Susceptible   
## 645 Resistant >8 Resistant >16 Resistant   
## 646 Susceptible >8 Resistant <=0.06 Susceptible   
## 647 Susceptible >8 Resistant <=0.06 Susceptible   
## 648 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 649 Resistant >8 Resistant 1 Susceptible   
## 650 Susceptible >8 Resistant <=0.06 Susceptible   
## 651 Susceptible >8 Resistant <=0.06 Susceptible   
## 652 Susceptible >8 Resistant 0.5 Susceptible   
## 653 Susceptible 0.5 Susceptible 0.12 Susceptible   
## 654 Susceptible >8 Resistant <=0.06 Susceptible   
## 655 Susceptible >8 Resistant <=0.06 Susceptible   
## 656 Resistant >8 Resistant >16 Resistant   
## 657 Susceptible 1 Intermediate <=0.06 Susceptible   
## 658 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 659 Resistant >8 Resistant >16 Resistant   
## 660 Susceptible >8 Resistant <=0.06 Susceptible   
## 661 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 662 Resistant 1 Intermediate 1 Susceptible   
## 663 Susceptible >8 Resistant 0.12 Susceptible   
## 664 Susceptible 4 Resistant 1 Susceptible   
## 665 Resistant 1 Intermediate 4 Resistant   
## 666 Susceptible 1 Intermediate <=0.06 Susceptible   
## 667 Susceptible >8 Resistant <=0.06 Susceptible   
## 668 Susceptible >8 Resistant <=0.06 Susceptible   
## 669 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 670 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 671 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 672 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 673 Susceptible 1 Intermediate <=0.06 Susceptible   
## 674 Susceptible 4 Resistant 0.5 Susceptible   
## 675 Resistant >8 Resistant >16 Resistant   
## 676 Resistant 2 Resistant 8 Resistant   
## 677 Susceptible >8 Resistant 2 Intermediate   
## 678 Susceptible 4 Resistant 1 Susceptible   
## 679 Intermediate >8 Resistant 4 Resistant   
## 680 Susceptible 1 Intermediate 0.5 Susceptible   
## 681 Intermediate >8 Resistant 4 Resistant   
## 682 Intermediate 8 Resistant 2 Intermediate   
## 683 Intermediate 1 Intermediate 1 Susceptible   
## 684 Intermediate <=0.25 Susceptible 0.5 Susceptible   
## 685 Susceptible >8 Resistant <=0.06 Susceptible   
## 686 Susceptible >8 Resistant <=0.06 Susceptible   
## 687 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 688 Susceptible >8 Resistant <=0.06 Susceptible   
## 689 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 690 Susceptible >8 Resistant <=0.06 Susceptible   
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## 699 Susceptible >8 Resistant <=0.06 Susceptible   
## 700 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 701 Susceptible >8 Resistant <=0.06 Susceptible   
## 702 Susceptible >8 Resistant <=0.06 Susceptible   
## 703 Susceptible >8 Resistant <=0.06 Susceptible   
## 704 Resistant 0.5 Susceptible 2 Intermediate   
## 705 Susceptible 1 Intermediate <=0.06 Susceptible   
## 706 Susceptible >8 Resistant <=0.06 Susceptible   
## 707 Susceptible >8 Resistant 0.12 Susceptible   
## 708 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 709 Susceptible 1 Intermediate 0.12 Susceptible   
## 710 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 711 Susceptible >8 Resistant <=0.06 Susceptible   
## 712 Susceptible >8 Resistant <=0.06 Susceptible   
## 713 Susceptible >8 Resistant <=0.06 Susceptible   
## 714 Susceptible >8 Resistant <=0.06 Susceptible   
## 715 Susceptible >8 Resistant <=0.06 Susceptible   
## 716 Resistant >8 Resistant 1 Susceptible   
## 717 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 718 Susceptible 1 Intermediate <=0.06 Susceptible   
## 719 Susceptible >8 Resistant <=0.06 Susceptible   
## 720 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 721 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 722 Susceptible 1 Intermediate <=0.06 Susceptible   
## 723 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 724 Susceptible 1 Intermediate <=0.06 Susceptible   
## 725 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 726 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 727 Susceptible 2 Resistant <=0.06 Susceptible   
## 728 Susceptible 1 Intermediate <=0.06 Susceptible   
## 729 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 730 Susceptible 1 Intermediate <=0.06 Susceptible   
## 731 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 732 Susceptible 1 Intermediate <=0.06 Susceptible   
## 733 Susceptible 2 Resistant <=0.06 Susceptible   
## 734 Susceptible 1 Intermediate <=0.06 Susceptible   
## 735 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 736 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 737 Intermediate <=0.25 Susceptible 0.5 Susceptible   
## 738 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 739 Resistant 2 Resistant 16 Resistant   
## 740 Susceptible >8 Resistant 0.5 Susceptible   
## 741 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 742 Susceptible >8 Resistant <=0.06 Susceptible   
## 743 Susceptible 8 Resistant <=0.06 Susceptible   
## 744 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 745 Susceptible 1 Intermediate <=0.06 Susceptible   
## 746 Susceptible 1 Intermediate 0.12 Susceptible   
## 747 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 748 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 749 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 750 Susceptible 0.5 Susceptible <=0.06 Susceptible   
## 751 Susceptible >8 Resistant <=0.06 Susceptible   
## 752 Susceptible >8 Resistant <=0.06 Susceptible   
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## 754 Susceptible >8 Resistant <=0.06 Susceptible   
## 755 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 756 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 757 Resistant 0.5 Susceptible >16 Resistant   
## 758 Resistant >8 Resistant >16 Resistant   
## 759 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 760 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 761 Susceptible >8 Resistant <=0.06 Susceptible   
## 762 Susceptible >8 Resistant <=0.06 Susceptible   
## 763 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 764 Susceptible >8 Resistant <=0.06 Susceptible   
## 765 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 766 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 767 Susceptible >8 Resistant <=0.06 Susceptible   
## 768 Resistant >8 Resistant >16 Resistant   
## 769 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 770 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 771 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 772 Susceptible >8 Resistant <=0.06 Susceptible   
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## 774 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 775 Intermediate >8 Resistant 1.0000 Susceptible   
## 776 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 777 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 778 Susceptible >8 Resistant <=0.06 Susceptible   
## 779 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 780 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 781 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 782 Susceptible >8 Resistant 0.1200 Susceptible   
## 783 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 784 Susceptible >8 Resistant <=0.06 Susceptible   
## 785 Susceptible >8 Resistant <=0.06 Susceptible   
## 786 Resistant 8.0000 Resistant >16 Resistant   
## 787 Susceptible >8 Resistant <=0.06 Susceptible   
## 788 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 789 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 790 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 791 Susceptible >8 Resistant <=0.06 Susceptible   
## 792 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 793 Susceptible >8 Resistant <=0.06 Susceptible   
## 794 Susceptible >8 Resistant <=0.06 Susceptible   
## 795 Susceptible >8 Resistant <=0.06 Susceptible   
## 796 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 797 Susceptible >8 Resistant 0.1200 Susceptible   
## 798 Susceptible >8 Resistant <=0.06 Susceptible   
## 799 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 800 Susceptible >8 Resistant <=0.06 Susceptible   
## 801 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 802 Susceptible >8 Resistant <=0.06 Susceptible   
## 803 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 804 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
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## 806 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 807 Susceptible >8 Resistant <=0.06 Susceptible   
## 808 Susceptible >8 Resistant 0.5000 Susceptible   
## 809 Susceptible >8 Resistant <=0.06 Susceptible   
## 810 Susceptible >8 Resistant <=0.06 Susceptible   
## 811 Susceptible >8 Resistant <=0.06 Susceptible   
## 812 Susceptible >8 Resistant <=0.06 Susceptible   
## 813 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 814 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 815 Susceptible >8 Resistant <=0.06 Susceptible   
## 816 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 817 Resistant >8 Resistant 16.0000 Resistant   
## 818 Susceptible >8 Resistant <=0.06 Susceptible   
## 819 Susceptible >8 Resistant <=0.06 Susceptible   
## 820 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 821 Resistant >8 Resistant 16.0000 Resistant   
## 822 Susceptible >8 Resistant <=0.06 Susceptible   
## 823 Susceptible >8 Resistant <=0.06 Susceptible   
## 824 Resistant >8 Resistant >16 Resistant   
## 825 Resistant >8 Resistant >16 Resistant   
## 826 Susceptible >8 Resistant <=0.06 Susceptible   
## 827 Susceptible >8 Resistant <=0.06 Susceptible   
## 828 Susceptible >8 Resistant 8.0000 Resistant   
## 829 Susceptible >8 Resistant 0.5000 Susceptible   
## 830 Susceptible 0.5000 Susceptible 4.0000 Resistant   
## 831 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 832 Susceptible >8 Resistant 1.0000 Susceptible   
## 833 Susceptible 8.0000 Resistant 1.0000 Susceptible   
## 834 Susceptible >8 Resistant <=0.06 Susceptible   
## 835 Susceptible >8 Resistant <=0.06 Susceptible   
## 836 Intermediate 2.0000 Resistant 1.0000 Susceptible   
## 837 Resistant >8 Resistant >16 Resistant   
## 838 Resistant >8 Resistant >16 Resistant   
## 839 Intermediate 0.5000 Susceptible 2.0000 Intermediate   
## 840 Susceptible >8 Resistant <=0.06 Susceptible   
## 841 Susceptible >8 Resistant <=0.06 Susceptible   
## 842 Resistant 0.5000 Susceptible >16 Resistant   
## 843 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 844 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 845 Resistant >8 Resistant >16 Resistant   
## 846 Susceptible >8 Resistant <=0.06 Susceptible   
## 847 Susceptible >8 Resistant <=0.06 Susceptible   
## 848 Resistant >8 Resistant >16 Resistant   
## 849 Resistant >8 Resistant 8.0000 Resistant   
## 850 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 851 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 852 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 853 Susceptible >8 Resistant <=0.06 Susceptible   
## 854 Intermediate <=0.25 Susceptible 2.0000 Intermediate   
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## 856 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 857 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 858 Susceptible 4.0000 Resistant <=0.06 Susceptible   
## 859 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 860 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 861 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 862 Resistant >8 Resistant 4.0000 Resistant   
## 863 Intermediate 0.5000 Susceptible >16 Resistant   
## 864 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 865 Intermediate >8 Resistant 1.0000 Susceptible   
## 866 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 867 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 868 Resistant >8 Resistant >16 Resistant   
## 869 Susceptible >8 Resistant <=0.06 Susceptible   
## 870 Resistant >8 Resistant >16 Resistant   
## 871 Susceptible >8 Resistant <=0.06 Susceptible   
## 872 Susceptible >8 Resistant <=0.06 Susceptible   
## 873 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 874 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 875 Susceptible >8 Resistant <=0.06 Susceptible   
## 876 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 877 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 878 Susceptible >8 Resistant <=0.06 Susceptible   
## 879 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 880 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 881 Resistant >8 Resistant >16 Resistant   
## 882 Susceptible >8 Resistant <=0.06 Susceptible   
## 883 Resistant >8 Resistant 8.0000 Resistant   
## 884 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 885 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 886 Susceptible >8 Resistant <=0.06 Susceptible   
## 887 Susceptible >8 Resistant <=0.06 Susceptible   
## 888 Resistant >8 Resistant 4.0000 Resistant   
## 889 Susceptible >8 Resistant <=0.06 Susceptible   
## 890 Susceptible >8 Resistant <=0.06 Susceptible   
## 891 Susceptible >8 Resistant <=0.06 Susceptible   
## 892 Susceptible >8 Resistant <=0.06 Susceptible   
## 893 Resistant 1.0000 Intermediate >16 Resistant   
## 894 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 895 Resistant 4.0000 Resistant >16 Resistant   
## 896 Resistant >8 Resistant 8.0000 Resistant   
## 897 Susceptible >8 Resistant <=0.06 Susceptible   
## 898 Susceptible 0.5000 Susceptible 0.1200 Susceptible   
## 899 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 900 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 901 Susceptible >8 Resistant <=0.06 Susceptible   
## 902 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 903 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 904 Susceptible >8 Resistant 0.1200 Susceptible   
## 905 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 906 Susceptible >8 Resistant <=0.06 Susceptible   
## 907 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 908 Susceptible >8 Resistant <=0.06 Susceptible   
## 909 Susceptible >8 Resistant <=0.06 Susceptible   
## 910 Susceptible >8 Resistant <=0.06 Susceptible   
## 911 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 912 Susceptible 4.0000 Resistant <=0.06 Susceptible   
## 913 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 914 Susceptible >8 Resistant <=0.06 Susceptible   
## 915 Susceptible >8 Resistant <=0.06 Susceptible   
## 916 Resistant >8 Resistant >16 Resistant   
## 917 Susceptible >8 Resistant <=0.06 Susceptible   
## 918 Resistant 8.0000 Resistant >16 Resistant   
## 919 Susceptible >8 Resistant <=0.06 Susceptible   
## 920 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 921 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 922 Susceptible >8 Resistant <=0.06 Susceptible   
## 923 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 924 Susceptible >8 Resistant <=0.06 Susceptible   
## 925 Resistant 8.0000 Resistant >16 Resistant   
## 926 Susceptible >8 Resistant <=0.06 Susceptible   
## 927 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 928 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 929 Susceptible 2.0000 Resistant 1.0000 Susceptible   
## 930 Susceptible 1.0000 Intermediate 2.0000 Intermediate   
## 931 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 932 Resistant >8 Resistant >16 Resistant   
## 933 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
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## 937 Susceptible 1.0000 Intermediate 0.5000 Susceptible   
## 938 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 939 Susceptible >8 Resistant <=0.06 Susceptible   
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## 945 Susceptible >8 Resistant <=0.06 Susceptible   
## 946 Susceptible >8 Resistant <=0.06 Susceptible   
## 947 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 948 Susceptible >8 Resistant 0.2500 Susceptible   
## 949 Resistant <=0.25 Susceptible >16 Resistant   
## 950 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 951 Resistant <=0.25 Susceptible >16 Resistant   
## 952 Susceptible >8 Resistant <=0.06 Susceptible   
## 953 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 954 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 955 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 956 Resistant >8 Resistant 16.0000 Resistant   
## 957 Resistant <=0.25 Susceptible 16.0000 Resistant   
## 958 Susceptible >8 Resistant <=0.06 Susceptible   
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## 973 Susceptible >8 Resistant 0.1200 Susceptible   
## 974 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 975 Resistant >8 Resistant 4.0000 Resistant   
## 976 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 977 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 978 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 979 Susceptible >8 Resistant <=0.06 Susceptible   
## 980 Susceptible >8 Resistant <=0.06 Susceptible   
## 981 Intermediate 4.0000 Resistant 0.1200 Susceptible   
## 982 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 983 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 984 Susceptible >8 Resistant <=0.06 Susceptible   
## 985 Susceptible >8 Resistant <=0.06 Susceptible   
## 986 Susceptible 4.0000 Resistant <=0.06 Susceptible   
## 987 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 988 Susceptible >8 Resistant <=0.06 Susceptible   
## 989 Susceptible >8 Resistant <=0.06 Susceptible   
## 990 Susceptible >8 Resistant <=0.06 Susceptible   
## 991 Susceptible >8 Resistant <=0.06 Susceptible   
## 992 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 993 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 994 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 995 Intermediate >8 Resistant 2.0000 Intermediate   
## 996 Susceptible >8 Resistant <=0.06 Susceptible   
## 997 Susceptible >8 Resistant <=0.06 Susceptible   
## 998 Resistant >8 Resistant >16 Resistant   
## 999 Susceptible >8 Resistant 0.2500 Susceptible   
## 1000 Resistant >8 Resistant >16 Resistant   
## 1001 Susceptible >8 Resistant 1.0000 Susceptible   
## 1002 Susceptible >8 Resistant <=0.06 Susceptible   
## 1003 Susceptible >8 Resistant <=0.06 Susceptible   
## 1004 Susceptible >8 Resistant <=0.06 Susceptible   
## 1005 Susceptible >8 Resistant <=0.06 Susceptible   
## 1006 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1007 Susceptible >8 Resistant <=0.06 Susceptible   
## 1008 Susceptible >8 Resistant <=0.06 Susceptible   
## 1009 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1010 Susceptible >8 Resistant <=0.06 Susceptible   
## 1011 Resistant >8 Resistant >16 Resistant   
## 1012 Susceptible >8 Resistant <=0.06 Susceptible   
## 1013 Susceptible >8 Resistant <=0.06 Susceptible   
## 1014 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1015 Resistant >8 Resistant >16 Resistant   
## 1016 Resistant >8 Resistant >16 Resistant   
## 1017 Susceptible >8 Resistant <=0.06 Susceptible   
## 1018 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1019 Resistant >8 Resistant >16 Resistant   
## 1020 Susceptible >8 Resistant <=0.06 Susceptible   
## 1021 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1022 Intermediate 1.0000 Intermediate <=0.06 Susceptible   
## 1023 Susceptible >8 Resistant <=0.06 Susceptible   
## 1024 Resistant 0.5000 Susceptible 4.0000 Resistant   
## 1025 Susceptible >8 Resistant <=0.06 Susceptible   
## 1026 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1027 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1028 Resistant <=0.25 Susceptible 1.0000 Susceptible   
## 1029 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1030 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1031 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1032 Resistant 0.5000 Susceptible >16 Resistant   
## 1033 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1034 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1035 Resistant 0.5000 Susceptible 8.0000 Resistant   
## 1036 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1037 Susceptible >8 Resistant <=0.06 Susceptible   
## 1038 Resistant >8 Resistant 16.0000 Resistant   
## 1039 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1040 Susceptible >8 Resistant <=0.06 Susceptible   
## 1041 Resistant >8 Resistant >16 Resistant   
## 1042 Resistant >8 Resistant 8.0000 Resistant   
## 1043 Resistant >8 Resistant >16 Resistant   
## 1044 Susceptible >8 Resistant <=0.06 Susceptible   
## 1045 Susceptible >8 Resistant <=0.06 Susceptible   
## 1046 Resistant >8 Resistant 16.0000 Resistant   
## 1047 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1048 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1049 Susceptible >8 Resistant <=0.06 Susceptible   
## 1050 Susceptible >8 Resistant <=0.06 Susceptible   
## 1051 Susceptible >8 Resistant <=0.06 Susceptible   
## 1052 Susceptible >8 Resistant <=0.06 Susceptible   
## 1053 Susceptible >8 Resistant 0.1200 Susceptible   
## 1054 Susceptible >8 Resistant <=0.06 Susceptible   
## 1055 Susceptible >8 Resistant <=0.06 Susceptible   
## 1056 Susceptible >8 Resistant <=0.06 Susceptible   
## 1057 Susceptible >8 Resistant <=0.06 Susceptible   
## 1058 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1059 Susceptible >8 Resistant <=0.06 Susceptible   
## 1060 Susceptible 2.0000 Resistant 0.2500 Susceptible   
## 1061 Susceptible >8 Resistant <=0.06 Susceptible   
## 1062 Susceptible >8 Resistant <=0.06 Susceptible   
## 1063 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1064 Susceptible >8 Resistant <=0.06 Susceptible   
## 1065 Susceptible >8 Resistant <=0.06 Susceptible   
## 1066 Susceptible >8 Resistant <=0.06 Susceptible   
## 1067 Susceptible >8 Resistant <=0.06 Susceptible   
## 1068 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1069 Susceptible >8 Resistant <=0.06 Susceptible   
## 1070 Susceptible >8 Resistant <=0.06 Susceptible   
## 1071 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1072 Resistant 0.5000 Susceptible 0.5000 Susceptible   
## 1073 Resistant >8 Resistant >16 Resistant   
## 1074 Resistant >8 Resistant >16 Resistant   
## 1075 Resistant >8 Resistant >16 Resistant   
## 1076 Susceptible >8 Resistant <=0.06 Susceptible   
## 1077 Susceptible >8 Resistant <=0.06 Susceptible   
## 1078 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1079 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1080 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1081 Susceptible >8 Resistant <=0.06 Susceptible   
## 1082 Susceptible >8 Resistant <=0.06 Susceptible   
## 1083 Susceptible >8 Resistant <=0.06 Susceptible   
## 1084 Susceptible >8 Resistant <=0.06 Susceptible   
## 1085 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1086 Susceptible >8 Resistant <=0.06 Susceptible   
## 1087 Susceptible >8 Resistant <=0.06 Susceptible   
## 1088 Resistant >8 Resistant 16.0000 Resistant   
## 1089 Susceptible >8 Resistant <=0.06 Susceptible   
## 1090 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1091 Susceptible >8 Resistant <=0.06 Susceptible   
## 1092 Susceptible >8 Resistant <=0.06 Susceptible   
## 1093 Resistant >8 Resistant >16 Resistant   
## 1094 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1095 Resistant >8 Resistant >16 Resistant   
## 1096 Susceptible >8 Resistant <=0.06 Susceptible   
## 1097 Resistant 0.5000 Susceptible >16 Resistant   
## 1098 Susceptible >8 Resistant <=0.06 Susceptible   
## 1099 Susceptible >8 Resistant <=0.06 Susceptible   
## 1100 Susceptible >8 Resistant <=0.06 Susceptible   
## 1101 Susceptible >8 Resistant <=0.06 Susceptible   
## 1102 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1103 Susceptible >8 Resistant <=0.06 Susceptible   
## 1104 Susceptible >8 Resistant <=0.06 Susceptible   
## 1105 Susceptible >8 Resistant <=0.06 Susceptible   
## 1106 Susceptible >8 Resistant <=0.06 Susceptible   
## 1107 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1108 Susceptible >8 Resistant <=0.06 Susceptible   
## 1109 Susceptible >8 Resistant <=0.06 Susceptible   
## 1110 Resistant >8 Resistant >16 Resistant   
## 1111 Susceptible >8 Resistant <=0.06 Susceptible   
## 1112 Resistant >8 Resistant 8.0000 Resistant   
## 1113 Resistant >8 Resistant >16 Resistant   
## 1114 Susceptible >8 Resistant 1.0000 Susceptible   
## 1115 Resistant >8 Resistant >16 Resistant   
## 1116 Resistant >8 Resistant 4.0000 Resistant   
## 1117 Susceptible >8 Resistant <=0.06 Susceptible   
## 1118 Resistant >8 Resistant 8.0000 Resistant   
## 1119 Resistant >8 Resistant 8.0000 Resistant   
## 1120 Resistant >8 Resistant >16 Resistant   
## 1121 Susceptible >8 Resistant <=0.06 Susceptible   
## 1122 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1123 Susceptible >8 Resistant <=0.06 Susceptible   
## 1124 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1125 Resistant 0.5000 Susceptible 4.0000 Resistant   
## 1126 Resistant 2.0000 Resistant 2.0000 Intermediate   
## 1127 Resistant >8 Resistant >16 Resistant   
## 1128 Resistant >8 Resistant 16.0000 Resistant   
## 1129 Resistant >8 Resistant >16 Resistant   
## 1130 Resistant >8 Resistant 16.0000 Resistant   
## 1131 Susceptible >8 Resistant <=0.06 Susceptible   
## 1132 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1133 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1134 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1135 Intermediate 0.5000 Susceptible 1.0000 Susceptible   
## 1136 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1137 Susceptible >8 Resistant <=0.06 Susceptible   
## 1138 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1139 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1140 Resistant 4.0000 Resistant 8.0000 Resistant   
## 1141 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1142 Resistant >8 Resistant >16 Resistant   
## 1143 Resistant >8 Resistant >16 Resistant   
## 1144 Resistant >8 Resistant >16 Resistant   
## 1145 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1146 Susceptible >8 Resistant <=0.06 Susceptible   
## 1147 Susceptible >8 Resistant <=0.06 Susceptible   
## 1148 Susceptible >8 Resistant <=0.06 Susceptible   
## 1149 Susceptible >8 Resistant <=0.06 Susceptible   
## 1150 Susceptible >8 Resistant <=0.06 Susceptible   
## 1151 Resistant <=0.25 Susceptible >16 Resistant   
## 1152 Susceptible 0.5000 Susceptible 0.1200 Susceptible   
## 1153 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1154 Susceptible >8 Resistant <=0.06 Susceptible   
## 1155 Susceptible >8 Resistant <=0.06 Susceptible   
## 1156 Susceptible >8 Resistant <=0.06 Susceptible   
## 1157 Susceptible >8 Resistant <=0.06 Susceptible   
## 1158 Susceptible >8 Resistant <=0.06 Susceptible   
## 1159 Susceptible >8 Resistant 0.5000 Susceptible   
## 1160 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1161 Susceptible >8 Resistant <=0.06 Susceptible   
## 1162 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1163 Susceptible >8 Resistant <=0.06 Susceptible   
## 1164 Intermediate 1.0000 Intermediate 0.5000 Susceptible   
## 1165 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1166 Resistant 2.0000 Resistant 2.0000 Intermediate   
## 1167 Resistant >8 Resistant >16 Resistant   
## 1168 Resistant >8 Resistant >16 Resistant   
## 1169 Intermediate 1.0000 Intermediate 1.0000 Susceptible   
## 1170 Susceptible 0.5000 Susceptible 0.2500 Susceptible   
## 1171 Susceptible >8 Resistant <=0.06 Susceptible   
## 1172 Resistant >8 Resistant >16 Resistant   
## 1173 Resistant >8 Resistant 16.0000 Resistant   
## 1174 Susceptible >8 Resistant <=0.06 Susceptible   
## 1175 Resistant >8 Resistant 16.0000 Resistant   
## 1176 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1177 Resistant >8 Resistant 1.0000 Susceptible   
## 1178 Resistant >8 Resistant >16 Resistant   
## 1179 Resistant 1.0000 Intermediate 16.0000 Resistant   
## 1180 Resistant >8 Resistant >16 Resistant   
## 1181 Resistant >8 Resistant 16.0000 Resistant   
## 1182 Resistant >8 Resistant >16 Resistant   
## 1183 Susceptible >8 Resistant <=0.06 Susceptible   
## 1184 Resistant >8 Resistant 1.0000 Susceptible   
## 1185 Resistant >8 Resistant >16 Resistant   
## 1186 Resistant >8 Resistant >16 Resistant   
## 1187 Susceptible >8 Resistant <=0.06 Susceptible   
## 1188 Resistant >8 Resistant >16 Resistant   
## 1189 Intermediate >8 Resistant 1.0000 Susceptible   
## 1190 Resistant >8 Resistant 16.0000 Resistant   
## 1191 Susceptible >8 Resistant <=0.06 Susceptible   
## 1192 Susceptible >8 Resistant 1.0000 Susceptible   
## 1193 Intermediate >8 Resistant 2.0000 Intermediate   
## 1194 Susceptible 4.0000 Resistant 0.5000 Susceptible   
## 1195 Susceptible 8.0000 Resistant 1.0000 Susceptible   
## 1196 Resistant 1.0000 Intermediate 16.0000 Resistant   
## 1197 Resistant >8 Resistant 1.0000 Susceptible   
## 1198 Resistant >8 Resistant 16.0000 Resistant   
## 1199 Resistant 2.0000 Resistant 16.0000 Resistant   
## 1200 Intermediate 8.0000 Resistant 0.5000 Susceptible   
## 1201 Susceptible >8 Resistant 0.1200 Susceptible   
## 1202 Resistant 1.0000 Intermediate >16 Resistant   
## 1203 Susceptible 1.0000 Intermediate 0.5000 Susceptible   
## 1204 Susceptible >8 Resistant <=0.06 Susceptible   
## 1205 Resistant >8 Resistant >16 Resistant   
## 1206 Susceptible 2.0000 Resistant 0.5000 Susceptible   
## 1207 Resistant 1.0000 Intermediate 16.0000 Resistant   
## 1208 Resistant 8.0000 Resistant 4.0000 Resistant   
## 1209 Intermediate 8.0000 Resistant 4.0000 Resistant   
## 1210 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1211 Resistant 1.0000 Intermediate 1.0000 Susceptible   
## 1212 Resistant >8 Resistant >16 Resistant   
## 1213 Intermediate 8.0000 Resistant 0.5000 Susceptible   
## 1214 Resistant >8 Resistant >16 Resistant   
## 1215 Resistant 8.0000 Resistant 2.0000 Intermediate   
## 1216 Resistant 1.0000 Intermediate 16.0000 Resistant   
## 1217 Resistant >8 Resistant >16 Resistant   
## 1218 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1219 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1220 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1221 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1222 Susceptible >8 Resistant <=0.06 Susceptible   
## 1223 Susceptible >8 Resistant <=0.06 Susceptible   
## 1224 Susceptible >8 Resistant <=0.06 Susceptible   
## 1225 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1226 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1227 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1228 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1229 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1230 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1231 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1232 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1233 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1234 Susceptible >8 Resistant <=0.06 Susceptible   
## 1235 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1236 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1237 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1238 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1239 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1240 Intermediate >8 Resistant 4.0000 Resistant   
## 1241 Resistant >8 Resistant 4.0000 Resistant   
## 1242 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1243 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1244 Susceptible >8 Resistant <=0.06 Susceptible   
## 1245 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1246 Susceptible 2.0000 Resistant <=0.06 Susceptible   
## 1247 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1248 Susceptible >8 Resistant 0.5000 Susceptible   
## 1249 Susceptible >8 Resistant <=0.06 Susceptible   
## 1250 Susceptible >8 Resistant <=0.06 Susceptible   
## 1251 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1252 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1253 Susceptible 4.0000 Resistant <=0.06 Susceptible   
## 1254 Susceptible >8 Resistant 0.1200 Susceptible   
## 1255 Susceptible >8 Resistant <=0.06 Susceptible   
## 1256 Susceptible >8 Resistant <=0.06 Susceptible   
## 1257 Susceptible >8 Resistant <=0.06 Susceptible   
## 1258 Susceptible >8 Resistant <=0.06 Susceptible   
## 1259 Susceptible >8 Resistant <=0.06 Susceptible   
## 1260 Susceptible >8 Resistant <=0.06 Susceptible   
## 1261 Susceptible >8 Resistant <=0.06 Susceptible   
## 1262 Susceptible >8 Resistant <=0.06 Susceptible   
## 1263 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1264 Resistant 0.5000 Susceptible >16 Resistant   
## 1265 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1266 Susceptible 4.0000 Resistant <=0.06 Susceptible   
## 1267 Resistant >8 Resistant 16.0000 Resistant   
## 1268 Susceptible >8 Resistant <=0.06 Susceptible   
## 1269 Susceptible >8 Resistant <=0.06 Susceptible   
## 1270 Resistant >8 Resistant >16 Resistant   
## 1271 Susceptible >8 Resistant <=0.06 Susceptible   
## 1272 Susceptible >8 Resistant <=0.06 Susceptible   
## 1273 Susceptible >8 Resistant <=0.06 Susceptible   
## 1274 Susceptible >8 Resistant <=0.06 Susceptible   
## 1275 Susceptible >8 Resistant <=0.06 Susceptible   
## 1276 Susceptible >8 Resistant <=0.06 Susceptible   
## 1277 Susceptible >8 Resistant <=0.06 Susceptible   
## 1278 Susceptible >8 Resistant <=0.06 Susceptible   
## 1279 Susceptible >8 Resistant 0.1200 Susceptible   
## 1280 Susceptible 1.0000 Intermediate <=0.06 Susceptible   
## 1281 Susceptible 8.0000 Resistant 0.2500 Susceptible   
## 1282 Resistant >8 Resistant 16.0000 Resistant   
## 1283 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1284 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1285 Susceptible >8 Resistant <=0.06 Susceptible   
## 1286 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1287 Resistant >8 Resistant >16 Resistant   
## 1288 Resistant >8 Resistant >16 Resistant   
## 1289 Resistant >8 Resistant 16.0000 Resistant   
## 1290 Resistant >8 Resistant 16.0000 Resistant   
## 1291 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1292 Resistant 8.0000 Resistant >16 Resistant   
## 1293 Resistant >8 Resistant >16 Resistant   
## 1294 Intermediate 0.5000 Susceptible 0.5000 Susceptible   
## 1295 Resistant >8 Resistant >16 Resistant   
## 1296 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1297 Resistant 1.0000 Intermediate >16 Resistant   
## 1298 Resistant 2.0000 Resistant >16 Resistant   
## 1299 Resistant >8 Resistant >16 Resistant   
## 1300 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1301 Susceptible >8 Resistant <=0.06 Susceptible   
## 1302 Resistant >8 Resistant >16 Resistant   
## 1303 Resistant >8 Resistant >16 Resistant   
## 1304 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1305 Susceptible 0.5000 Susceptible <=0.06 Susceptible   
## 1306 Susceptible <=0.25 Susceptible <=0.06 Susceptible   
## 1307 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1308 Susceptible 4.0000 Resistant <=0.06 Susceptible   
## 1309 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1310 Susceptible >8 Resistant <=0.06 Susceptible   
## 1311 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1312 Susceptible 8.0000 Resistant <=0.06 Susceptible   
## 1313 Susceptible >8 Resistant <=0.06 Susceptible   
## 1314 Susceptible >8 Resistant <=0.06 Susceptible   
## 1315 Susceptible >8 Resistant <=0.06 Susceptible   
## Piperacillin.tazobactam Piperacillin.tazobactam\_I Tigecycline Tigecycline\_I  
## 1 64 Resistant 1 Susceptible  
## 2 128 Resistant 0.25 Susceptible  
## 3 2 Susceptible 0.25 Susceptible  
## 4 8 Susceptible 1 Susceptible  
## 5 4 Susceptible 0.5 Susceptible  
## 6 8 Susceptible 0.25 Susceptible  
## 7 32 Resistant 1 Susceptible  
## 8 >128 Resistant 0.5 Susceptible  
## 9 8 Susceptible 0.5 Susceptible  
## 10 32 Resistant 1 Susceptible  
## 11 16 Intermediate 0.25 Susceptible  
## 12 2 Susceptible 0.25 Susceptible  
## 13 32 Resistant 2 Susceptible  
## 14 4 Susceptible 0.25 Susceptible  
## 15 16 Intermediate 0.5 Susceptible  
## 16 8 Susceptible 0.5 Susceptible  
## 17 >128 Resistant 1 Susceptible  
## 18 >128 Resistant 0.5 Susceptible  
## 19 16 Intermediate 0.25 Susceptible  
## 20 128 Resistant 0.25 Susceptible  
## 21 8 Susceptible 0.5 Susceptible  
## 22 16 Intermediate 1 Susceptible  
## 23 >128 Resistant 0.5 Susceptible  
## 24 16 Intermediate 1 Susceptible  
## 25 2 Susceptible 0.5 Susceptible  
## 26 32 Resistant 2 Susceptible  
## 27 >128 Resistant 1 Susceptible  
## 28 >128 Resistant 1 Susceptible  
## 29 64 Resistant 2 Susceptible  
## 30 16 Intermediate 2 Susceptible  
## 31 >128 Resistant 4 Intermediate  
## 32 64 Resistant 4 Intermediate  
## 33 64 Resistant 1 Susceptible  
## 34 16 Intermediate 1 Susceptible  
## 35 64 Resistant 1 Susceptible  
## 36 64 Resistant 1 Susceptible  
## 37 32 Resistant 0.5 Susceptible  
## 38 >128 Resistant 0.5 Susceptible  
## 39 32 Resistant 1 Susceptible  
## 40 >128 Resistant 0.5 Susceptible  
## 41 32 Resistant 1 Susceptible  
## 42 >128 Resistant 1 Susceptible  
## 43 64 Resistant 2 Susceptible  
## 44 16 Intermediate 1 Susceptible  
## 45 16 Intermediate 1 Susceptible  
## 46 16 Intermediate 1 Susceptible  
## 47 64 Resistant 0.5 Susceptible  
## 48 64 Resistant 0.25 Susceptible  
## 49 16 Intermediate 0.5 Susceptible  
## 50 16 Intermediate 0.5 Susceptible  
## 51 8 Susceptible 0.12 Susceptible  
## 52 4 Susceptible 0.12 Susceptible  
## 53 64 Resistant 0.25 Susceptible  
## 54 16 Intermediate 0.25 Susceptible  
## 55 4 Susceptible 0.5 Susceptible  
## 56 16 Intermediate 0.5 Susceptible  
## 57 2 Susceptible 0.5 Susceptible  
## 58 16 Intermediate 0.25 Susceptible  
## 59 8 Susceptible 0.25 Susceptible  
## 60 64 Resistant 0.5 Susceptible  
## 61 16 Intermediate 0.5 Susceptible  
## 62 2 Susceptible 1 Susceptible  
## 63 16 Intermediate 0.5 Susceptible  
## 64 32 Resistant 0.5 Susceptible  
## 65 16 Intermediate 0.5 Susceptible  
## 66 16 Intermediate 0.5 Susceptible  
## 67 16 Intermediate 0.5 Susceptible  
## 68 64 Resistant 4 Intermediate  
## 69 16 Intermediate 2 Susceptible  
## 70 4 Susceptible 0.5 Susceptible  
## 71 >128 Resistant 2 Susceptible  
## 72 >128 Resistant 2 Susceptible  
## 73 16 Intermediate 1 Susceptible  
## 74 64 Resistant 0.25 Susceptible  
## 75 16 Intermediate 1 Susceptible  
## 76 16 Intermediate 0.5 Susceptible  
## 77 64 Resistant 0.5 Susceptible  
## 78 128 Resistant 1 Susceptible  
## 79 4 Susceptible 0.25 Susceptible  
## 80 16 Intermediate 0.25 Susceptible  
## 81 4 Susceptible 0.25 Susceptible  
## 82 >128 Resistant 2 Susceptible  
## 83 16 Intermediate 0.25 Susceptible  
## 84 16 Intermediate 0.5 Susceptible  
## 85 16 Intermediate 0.5 Susceptible  
## 86 16 Intermediate 0.25 Susceptible  
## 87 4 Susceptible 0.12 Susceptible  
## 88 >128 Resistant 0.25 Susceptible  
## 89 >128 Resistant 0.5 Susceptible  
## 90 64 Resistant 2 Susceptible  
## 91 >128 Resistant 1 Susceptible  
## 92 64 Resistant 1 Susceptible  
## 93 8 Susceptible 0.25 Susceptible  
## 94 64 Resistant 0.25 Susceptible  
## 95 4 Susceptible 0.5 Susceptible  
## 96 4 Susceptible 0.5 Susceptible  
## 97 8 Susceptible 0.5 Susceptible  
## 98 64 Resistant 1 Susceptible  
## 99 64 Resistant 0.5 Susceptible  
## 100 64 Resistant 1 Susceptible  
## 101 8 Susceptible 0.25 Susceptible  
## 102 64 Resistant 0.12 Susceptible  
## 103 64 Resistant 0.5 Susceptible  
## 104 2 Susceptible 0.25 Susceptible  
## 105 4 Susceptible 0.5 Susceptible  
## 106 32 Resistant 0.5 Susceptible  
## 107 >128 Resistant 0.5 Susceptible  
## 108 32 Resistant 0.5 Susceptible  
## 109 >128 Resistant 0.5 Susceptible  
## 110 >128 Resistant 0.5 Susceptible  
## 111 64 Resistant 0.5 Susceptible  
## 112 128 Resistant 2 Susceptible  
## 113 32 Resistant 1 Susceptible  
## 114 >128 Resistant 0.25 Susceptible  
## 115 32 Resistant 2 Susceptible  
## 116 >128 Resistant 0.5 Susceptible  
## 117 >128 Resistant 1 Susceptible  
## 118 16 Intermediate 0.5 Susceptible  
## 119 16 Intermediate 0.5 Susceptible  
## 120 16 Intermediate 0.25 Susceptible  
## 121 16 Intermediate 0.12 Susceptible  
## 122 16 Intermediate 0.25 Susceptible  
## 123 16 Intermediate 1 Susceptible  
## 124 0.5 Susceptible 0.12 Susceptible  
## 125 16 Intermediate 0.25 Susceptible  
## 126 16 Intermediate 1 Susceptible  
## 127 32 Resistant 1 Susceptible  
## 128 16 Intermediate 0.5 Susceptible  
## 129 16 Intermediate 0.5 Susceptible  
## 130 2 Susceptible 0.5 Susceptible  
## 131 32 Resistant 2 Susceptible  
## 132 16 Intermediate 0.5 Susceptible  
## 133 16 Intermediate 0.25 Susceptible  
## 134 16 Intermediate 0.5 Susceptible  
## 135 8 Susceptible 0.25 Susceptible  
## 136 >128 Resistant 0.5 Susceptible  
## 137 16 Intermediate 1 Susceptible  
## 138 4 Susceptible 0.5 Susceptible  
## 139 8 Susceptible 0.25 Susceptible  
## 140 4 Susceptible 0.5 Susceptible  
## 141 8 Susceptible 0.12 Susceptible  
## 142 2 Susceptible 0.25 Susceptible  
## 143 64 Resistant 1 Susceptible  
## 144 16 Intermediate 0.12 Susceptible  
## 145 8 Susceptible 0.12 Susceptible  
## 146 8 Susceptible 0.25 Susceptible  
## 147 8 Susceptible 0.5 Susceptible  
## 148 8 Susceptible 0.25 Susceptible  
## 149 8 Susceptible 0.5 Susceptible  
## 150 4 Susceptible 2 Susceptible  
## 151 16 Intermediate 1 Susceptible  
## 152 128 Resistant 1 Susceptible  
## 153 >128 Resistant 1 Susceptible  
## 154 64 Resistant 1 Susceptible  
## 155 128 Resistant 0.5 Susceptible  
## 156 8 Susceptible 0.5 Susceptible  
## 157 >128 Resistant 2 Susceptible  
## 158 >128 Resistant 2 Susceptible  
## 159 128 Resistant 2 Susceptible  
## 160 >128 Resistant 2 Susceptible  
## 161 8 Susceptible 1 Susceptible  
## 162 16 Intermediate 0.5 Susceptible  
## 163 64 Resistant 2 Susceptible  
## 164 8 Susceptible 1 Susceptible  
## 165 4 Susceptible 0.5 Susceptible  
## 166 4 Susceptible 1 Susceptible  
## 167 16 Intermediate 0.5 Susceptible  
## 168 4 Susceptible 0.5 Susceptible  
## 169 8 Susceptible 1 Susceptible  
## 170 >128 Resistant 2 Susceptible  
## 171 >128 Resistant 2 Susceptible  
## 172 2 Susceptible 0.5 Susceptible  
## 173 2 Susceptible 0.25 Susceptible  
## 174 4 Susceptible 0.5 Susceptible  
## 175 <=0.25 Susceptible 0.06 Susceptible  
## 176 16 Intermediate 0.25 Susceptible  
## 177 16 Intermediate 0.25 Susceptible  
## 178 16 Intermediate 0.5 Susceptible  
## 179 8 Susceptible 0.25 Susceptible  
## 180 4 Susceptible 0.25 Susceptible  
## 181 128 Resistant 0.5 Susceptible  
## 182 32 Resistant 2 Susceptible  
## 183 16 Intermediate 0.5 Susceptible  
## 184 128 Resistant 0.5 Susceptible  
## 185 16 Intermediate 0.25 Susceptible  
## 186 16 Intermediate 1 Susceptible  
## 187 >128 Resistant 1 Susceptible  
## 188 0.5 Susceptible 0.12 Susceptible  
## 189 >128 Resistant 0.5 Susceptible  
## 190 16 Intermediate 0.25 Susceptible  
## 191 16 Intermediate 1 Susceptible  
## 192 0.5 Susceptible 0.12 Susceptible  
## 193 1 Susceptible 0.5 Susceptible  
## 194 16 Intermediate 1 Susceptible  
## 195 64 Resistant 0.12 Susceptible  
## 196 16 Intermediate 2 Susceptible  
## 197 16 Intermediate 0.5 Susceptible  
## 198 16 Intermediate 1 Susceptible  
## 199 16 Intermediate 0.5 Susceptible  
## 200 16 Intermediate 0.5 Susceptible  
## 201 16 Intermediate 0.5 Susceptible  
## 202 16 Intermediate 0.5 Susceptible  
## 203 16 Intermediate 0.12 Susceptible  
## 204 16 Intermediate 0.5 Susceptible  
## 205 128 Resistant 1 Susceptible  
## 206 4 Susceptible 0.5 Susceptible  
## 207 16 Intermediate 0.12 Susceptible  
## 208 >128 Resistant 1 Susceptible  
## 209 >128 Resistant 0.12 Susceptible  
## 210 2 Susceptible 0.25 Susceptible  
## 211 16 Intermediate 0.25 Susceptible  
## 212 16 Intermediate 1 Susceptible  
## 213 8 Susceptible 0.25 Susceptible  
## 214 >128 Resistant 0.25 Susceptible  
## 215 16 Intermediate 0.5 Susceptible  
## 216 32 Resistant 0.12 Susceptible  
## 217 >128 Resistant 0.5 Susceptible  
## 218 32 Resistant 0.25 Susceptible  
## 219 8 Susceptible 2 Susceptible  
## 220 4 Susceptible 1 Susceptible  
## 221 64 Resistant 1 Susceptible  
## 222 8 Susceptible 0.25 Susceptible  
## 223 64 Resistant 0.12 Susceptible  
## 224 >128 Resistant 1 Susceptible  
## 225 >128 Resistant 0.5 Susceptible  
## 226 16 Intermediate 0.25 Susceptible  
## 227 32 Resistant 0.5 Susceptible  
## 228 2 Susceptible 0.25 Susceptible  
## 229 16 Intermediate 0.5 Susceptible  
## 230 16 Intermediate 0.5 Susceptible  
## 231 16 Intermediate 0.5 Susceptible  
## 232 16 Intermediate 1 Susceptible  
## 233 >128 Resistant 1 Susceptible  
## 234 0.5 Susceptible 0.12 Susceptible  
## 235 16 Intermediate 0.5 Susceptible  
## 236 16 Intermediate 0.5 Susceptible  
## 237 64 Resistant 2 Susceptible  
## 238 16 Intermediate 1 Susceptible  
## 239 16 Intermediate 0.25 Susceptible  
## 240 16 Intermediate 0.5 Susceptible  
## 241 16 Intermediate 1 Susceptible  
## 242 >128 Resistant 1 Susceptible  
## 243 64 Resistant 1 Susceptible  
## 244 16 Intermediate 0.25 Susceptible  
## 245 >128 Resistant 2 Susceptible  
## 246 16 Intermediate 0.25 Susceptible  
## 247 16 Intermediate 0.5 Susceptible  
## 248 >128 Resistant 1 Susceptible  
## 249 16 Intermediate 0.5 Susceptible  
## 250 16 Intermediate 1 Susceptible  
## 251 32 Resistant 1 Susceptible  
## 252 16 Intermediate 1 Susceptible  
## 253 0.5 Susceptible 0.25 Susceptible  
## 254 16 Intermediate 1 Susceptible  
## 255 16 Intermediate 0.5 Susceptible  
## 256 8 Susceptible 0.5 Susceptible  
## 257 >128 Resistant 0.5 Susceptible  
## 258 16 Intermediate 1 Susceptible  
## 259 16 Intermediate 0.5 Susceptible  
## 260 16 Intermediate 2 Susceptible  
## 261 >128 Resistant 0.12 Susceptible  
## 262 64 Resistant 0.25 Susceptible  
## 263 >128 Resistant 2 Susceptible  
## 264 16 Intermediate 0.5 Susceptible  
## 265 32 Resistant 0.5 Susceptible  
## 266 16 Intermediate 0.12 Susceptible  
## 267 >128 Resistant 0.5 Susceptible  
## 268 8 Susceptible 1 Susceptible  
## 269 8 Susceptible 1 Susceptible  
## 270 16 Intermediate 0.5 Susceptible  
## 271 4 Susceptible 0.25 Susceptible  
## 272 16 Intermediate 0.5 Susceptible  
## 273 16 Intermediate 0.25 Susceptible  
## 274 4 Susceptible 0.5 Susceptible  
## 275 8 Susceptible 0.5 Susceptible  
## 276 8 Susceptible 0.5 Susceptible  
## 277 >128 Resistant 0.25 Susceptible  
## 278 32 Resistant 0.5 Susceptible  
## 279 32 Resistant 0.25 Susceptible  
## 280 8 Susceptible 1 Susceptible  
## 281 2 Susceptible 0.12 Susceptible  
## 282 64 Resistant 0.12 Susceptible  
## 283 32 Resistant 0.5 Susceptible  
## 284 >128 Resistant 0.5 Susceptible  
## 285 8 Susceptible 0.5 Susceptible  
## 286 >128 Resistant 0.5 Susceptible  
## 287 16 Intermediate 0.5 Susceptible  
## 288 >128 Resistant 0.5 Susceptible  
## 289 4 Susceptible 0.5 Susceptible  
## 290 >128 Resistant 1 Susceptible  
## 291 16 Intermediate 0.5 Susceptible  
## 292 >128 Resistant 0.5 Susceptible  
## 293 64 Resistant 0.5 Susceptible  
## 294 4 Susceptible 0.12 Susceptible  
## 295 8 Susceptible 0.5 Susceptible  
## 296 4 Susceptible 0.12 Susceptible  
## 297 16 Intermediate 0.25 Susceptible  
## 298 4 Susceptible 0.25 Susceptible  
## 299 32 Resistant 0.5 Susceptible  
## 300 4 Susceptible 0.12 Susceptible  
## 301 32 Resistant 0.25 Susceptible  
## 302 32 Resistant 4 Intermediate  
## 303 8 Susceptible 0.5 Susceptible  
## 304 >128 Resistant 0.5 Susceptible  
## 305 4 Susceptible 0.5 Susceptible  
## 306 4 Susceptible 0.5 Susceptible  
## 307 16 Intermediate 0.5 Susceptible  
## 308 4 Susceptible 0.5 Susceptible  
## 309 >128 Resistant 0.5 Susceptible  
## 310 16 Intermediate 0.5 Susceptible  
## 311 8 Susceptible 0.5 Susceptible  
## 312 2 Susceptible 0.12 Susceptible  
## 313 >128 Resistant 0.25 Susceptible  
## 314 16 Intermediate 0.12 Susceptible  
## 315 32 Resistant 0.5 Susceptible  
## 316 8 Susceptible 0.25 Susceptible  
## 317 >128 Resistant 0.25 Susceptible  
## 318 32 Resistant 0.5 Susceptible  
## 319 16 Intermediate 0.5 Susceptible  
## 320 4 Susceptible 0.5 Susceptible  
## 321 4 Susceptible 0.5 Susceptible  
## 322 8 Susceptible 0.25 Susceptible  
## 323 16 Intermediate 0.5 Susceptible  
## 324 8 Susceptible 0.5 Susceptible  
## 325 8 Susceptible 0.25 Susceptible  
## 326 8 Susceptible 1 Susceptible  
## 327 >128 Resistant 0.5 Susceptible  
## 328 16 Intermediate 0.25 Susceptible  
## 329 4 Susceptible 0.25 Susceptible  
## 330 8 Susceptible 0.25 Susceptible  
## 331 >128 Resistant 0.25 Susceptible  
## 332 4 Susceptible 0.25 Susceptible  
## 333 4 Susceptible 0.25 Susceptible  
## 334 8 Susceptible 0.25 Susceptible  
## 335 4 Susceptible 0.25 Susceptible  
## 336 4 Susceptible 0.5 Susceptible  
## 337 4 Susceptible 0.5 Susceptible  
## 338 32 Resistant 0.5 Susceptible  
## 339 4 Susceptible 0.25 Susceptible  
## 340 4 Susceptible 0.25 Susceptible  
## 341 4 Susceptible 0.25 Susceptible  
## 342 4 Susceptible 0.25 Susceptible  
## 343 8 Susceptible 0.25 Susceptible  
## 344 32 Resistant 0.25 Susceptible  
## 345 32 Resistant 0.5 Susceptible  
## 346 16 Intermediate 0.12 Susceptible  
## 347 2 Susceptible 0.12 Susceptible  
## 348 8 Susceptible 0.12 Susceptible  
## 349 4 Susceptible 0.12 Susceptible  
## 350 2 Susceptible 0.12 Susceptible  
## 351 4 Susceptible 0.12 Susceptible  
## 352 4 Susceptible 0.12 Susceptible  
## 353 2 Susceptible 0.12 Susceptible  
## 354 0.5 Susceptible 0.12 Susceptible  
## 355 2 Susceptible 0.25 Susceptible  
## 356 >128 Resistant 0.25 Susceptible  
## 357 >128 Resistant 0.25 Susceptible  
## 358 32 Resistant 0.25 Susceptible  
## 359 >128 Resistant 0.5 Susceptible  
## 360 8 Susceptible 1 Susceptible  
## 361 64 Resistant 1 Susceptible  
## 362 >128 Resistant 0.25 Susceptible  
## 363 >128 Resistant 0.25 Susceptible  
## 364 16 Intermediate 0.5 Susceptible  
## 365 >128 Resistant 0.25 Susceptible  
## 366 16 Intermediate 0.25 Susceptible  
## 367 >128 Resistant 0.25 Susceptible  
## 368 8 Susceptible 0.25 Susceptible  
## 369 32 Resistant 0.5 Susceptible  
## 370 >128 Resistant 0.25 Susceptible  
## 371 128 Resistant 0.12 Susceptible  
## 372 128 Resistant 0.12 Susceptible  
## 373 >128 Resistant 0.25 Susceptible  
## 374 >128 Resistant 0.25 Susceptible  
## 375 128 Resistant 2 Susceptible  
## 376 4 Susceptible 0.12 Susceptible  
## 377 4 Susceptible 0.25 Susceptible  
## 378 4 Susceptible 0.12 Susceptible  
## 379 >128 Resistant 0.5 Susceptible  
## 380 64 Resistant 0.5 Susceptible  
## 381 32 Resistant 0.12 Susceptible  
## 382 2 Susceptible 0.06 Susceptible  
## 383 8 Susceptible 0.25 Susceptible  
## 384 4 Susceptible 4 Intermediate  
## 385 2 Susceptible 0.25 Susceptible  
## 386 8 Susceptible 0.12 Susceptible  
## 387 16 Intermediate 0.25 Susceptible  
## 388 8 Susceptible 0.25 Susceptible  
## 389 64 Resistant 0.5 Susceptible  
## 390 32 Resistant 0.5 Susceptible  
## 391 >128 Resistant 1 Susceptible  
## 392 4 Susceptible 0.5 Susceptible  
## 393 4 Susceptible 0.25 Susceptible  
## 394 64 Resistant 0.25 Susceptible  
## 395 16 Intermediate 0.5 Susceptible  
## 396 32 Resistant 0.5 Susceptible  
## 397 >128 Resistant 0.5 Susceptible  
## 398 >128 Resistant >8 Resistant  
## 399 2 Susceptible 0.12 Susceptible  
## 400 16 Intermediate 0.5 Susceptible  
## 401 2 Susceptible 0.5 Susceptible  
## 402 4 Susceptible 0.5 Susceptible  
## 403 32 Resistant 4 Intermediate  
## 404 2 Susceptible 0.25 Susceptible  
## 405 4 Susceptible 0.12 Susceptible  
## 406 >128 Resistant 1 Susceptible  
## 407 1 Susceptible 0.25 Susceptible  
## 408 2 Susceptible 0.12 Susceptible  
## 409 32 Resistant 0.06 Susceptible  
## 410 8 Susceptible 0.25 Susceptible  
## 411 2 Susceptible 0.06 Susceptible  
## 412 16 Intermediate 1 Susceptible  
## 413 4 Susceptible 0.25 Susceptible  
## 414 2 Susceptible 0.25 Susceptible  
## 415 >128 Resistant 1 Susceptible  
## 416 2 Susceptible 0.25 Susceptible  
## 417 8 Susceptible 0.25 Susceptible  
## 418 >128 Resistant 0.5 Susceptible  
## 419 8 Susceptible 0.5 Susceptible  
## 420 32 Resistant 1 Susceptible  
## 421 16 Intermediate 0.25 Susceptible  
## 422 8 Susceptible 0.5 Susceptible  
## 423 2 Susceptible 0.5 Susceptible  
## 424 >128 Resistant 0.25 Susceptible  
## 425 32 Resistant 0.5 Susceptible  
## 426 32 Resistant 1 Susceptible  
## 427 >128 Resistant 0.25 Susceptible  
## 428 8 Susceptible 0.12 Susceptible  
## 429 >128 Resistant 2 Susceptible  
## 430 16 Intermediate 0.25 Susceptible  
## 431 4 Susceptible 0.25 Susceptible  
## 432 >128 Resistant 0.5 Susceptible  
## 433 32 Resistant 0.5 Susceptible  
## 434 2 Susceptible 0.25 Susceptible  
## 435 2 Susceptible 0.25 Susceptible  
## 436 2 Susceptible 0.25 Susceptible  
## 437 >128 Resistant 0.25 Susceptible  
## 438 2 Susceptible 1 Susceptible  
## 439 4 Susceptible 0.25 Susceptible  
## 440 16 Intermediate 1 Susceptible  
## 441 1 Susceptible 0.12 Susceptible  
## 442 2 Susceptible 0.5 Susceptible  
## 443 >128 Resistant 0.5 Susceptible  
## 444 16 Intermediate 0.25 Susceptible  
## 445 2 Susceptible 0.25 Susceptible  
## 446 16 Intermediate 0.5 Susceptible  
## 447 >128 Resistant 1 Susceptible  
## 448 2 Susceptible 0.12 Susceptible  
## 449 4 Susceptible 0.12 Susceptible  
## 450 16 Intermediate 0.12 Susceptible  
## 451 >128 Resistant 1 Susceptible  
## 452 >128 Resistant 0.5 Susceptible  
## 453 >128 Resistant >8 Resistant  
## 454 128 Resistant 0.5 Susceptible  
## 455 >128 Resistant 2 Susceptible  
## 456 8 Susceptible 1 Susceptible  
## 457 2 Susceptible 0.25 Susceptible  
## 458 8 Susceptible 2 Susceptible  
## 459 >128 Resistant 0.5 Susceptible  
## 460 8 Susceptible 1 Susceptible  
## 461 128 Resistant 0.25 Susceptible  
## 462 >128 Resistant 2 Susceptible  
## 463 4 Susceptible 0.12 Susceptible  
## 464 >128 Resistant 2 Susceptible  
## 465 >128 Resistant 2 Susceptible  
## 466 2 Susceptible 0.25 Susceptible  
## 467 8 Susceptible 0.5 Susceptible  
## 468 16 Intermediate 0.5 Susceptible  
## 469 16 Intermediate 1 Susceptible  
## 470 8 Susceptible 0.12 Susceptible  
## 471 8 Susceptible 0.5 Susceptible  
## 472 1 Susceptible 0.25 Susceptible  
## 473 >128 Resistant 0.5 Susceptible  
## 474 16 Intermediate 0.12 Susceptible  
## 475 >128 Resistant 0.5 Susceptible  
## 476 16 Intermediate 0.5 Susceptible  
## 477 64 Resistant 0.5 Susceptible  
## 478 32 Resistant 0.5 Susceptible  
## 479 >128 Resistant 1 Susceptible  
## 480 >128 Resistant 0.5 Susceptible  
## 481 >128 Resistant 0.5 Susceptible  
## 482 2 Susceptible 0.5 Susceptible  
## 483 1 Susceptible 0.25 Susceptible  
## 484 8 Susceptible 0.25 Susceptible  
## 485 >128 Resistant 0.25 Susceptible  
## 486 >128 Resistant 0.5 Susceptible  
## 487 8 Susceptible 0.25 Susceptible  
## 488 2 Susceptible 0.25 Susceptible  
## 489 32 Resistant 1 Susceptible  
## 490 16 Intermediate 1 Susceptible  
## 491 64 Resistant 0.5 Susceptible  
## 492 32 Resistant 1 Susceptible  
## 493 16 Intermediate 0.25 Susceptible  
## 494 >128 Resistant 0.25 Susceptible  
## 495 16 Intermediate 1 Susceptible  
## 496 8 Susceptible 0.25 Susceptible  
## 497 >128 Resistant 1 Susceptible  
## 498 16 Intermediate 0.25 Susceptible  
## 499 8 Susceptible 0.5 Susceptible  
## 500 2 Susceptible 0.25 Susceptible  
## 501 128 Resistant 0.5 Susceptible  
## 502 32 Resistant 1 Susceptible  
## 503 >128 Resistant 0.5 Susceptible  
## 504 >128 Resistant 0.5 Susceptible  
## 505 32 Resistant 1 Susceptible  
## 506 8 Susceptible 0.25 Susceptible  
## 507 4 Susceptible 0.25 Susceptible  
## 508 16 Intermediate 1 Susceptible  
## 509 4 Susceptible 0.25 Susceptible  
## 510 >128 Resistant 0.25 Susceptible  
## 511 8 Susceptible 0.25 Susceptible  
## 512 4 Susceptible 0.5 Susceptible  
## 513 >128 Resistant 0.25 Susceptible  
## 514 1 Susceptible 0.12 Susceptible  
## 515 >128 Resistant 0.25 Susceptible  
## 516 1 Susceptible 0.25 Susceptible  
## 517 >128 Resistant 0.25 Susceptible  
## 518 16 Intermediate 2 Susceptible  
## 519 8 Susceptible 0.06 Susceptible  
## 520 4 Susceptible 0.12 Susceptible  
## 521 2 Susceptible 0.12 Susceptible  
## 522 1 Susceptible 0.12 Susceptible  
## 523 2 Susceptible 0.12 Susceptible  
## 524 8 Susceptible 0.06 Susceptible  
## 525 >64 Resistant 0.5 Susceptible  
## 526 16 Intermediate 0.25 Susceptible  
## 527 16 Intermediate 0.25 Susceptible  
## 528 8 Susceptible 0.5 Susceptible  
## 529 4 Susceptible 0.25 Susceptible  
## 530 4 Susceptible 0.25 Susceptible  
## 531 >64 Resistant 0.25 Susceptible  
## 532 8 Susceptible 0.25 Susceptible  
## 533 64 Resistant 0.25 Susceptible  
## 534 2 Susceptible 0.25 Susceptible  
## 535 >64 Resistant 0.25 Susceptible  
## 536 1 Susceptible 0.06 Susceptible  
## 537 8 Susceptible 0.25 Susceptible  
## 538 4 Susceptible 0.25 Susceptible  
## 539 2 Susceptible 0.5 Susceptible  
## 540 16 Intermediate 0.5 Susceptible  
## 541 2 Susceptible 0.5 Susceptible  
## 542 32 Resistant 1 Susceptible  
## 543 4 Susceptible 0.5 Susceptible  
## 544 16 Intermediate 0.5 Susceptible  
## 545 >64 Resistant 1 Susceptible  
## 546 4 Susceptible 1 Susceptible  
## 547 16 Intermediate 1 Susceptible  
## 548 8 Susceptible 0.25 Susceptible  
## 549 8 Susceptible 1 Susceptible  
## 550 32 Resistant 1 Susceptible  
## 551 2 Susceptible 1 Susceptible  
## 552 >64 Resistant 1 Susceptible  
## 553 32 Resistant 1 Susceptible  
## 554 >64 Resistant 1 Susceptible  
## 555 2 Susceptible 0.5 Susceptible  
## 556 4 Susceptible 0.5 Susceptible  
## 557 8 Susceptible 0.5 Susceptible  
## 558 >64 Resistant 1 Susceptible  
## 559 4 Susceptible 0.5 Susceptible  
## 560 64 Resistant 0.5 Susceptible  
## 561 >64 Resistant 2 Susceptible  
## 562 16 Intermediate 0.5 Susceptible  
## 563 16 Intermediate 0.5 Susceptible  
## 564 >64 Resistant 0.5 Susceptible  
## 565 8 Susceptible 0.12 Susceptible  
## 566 32 Resistant 0.12 Susceptible  
## 567 4 Susceptible 0.25 Susceptible  
## 568 2 Susceptible 1 Susceptible  
## 569 8 Susceptible 0.25 Susceptible  
## 570 >64 Resistant 0.12 Susceptible  
## 571 8 Susceptible 0.25 Susceptible  
## 572 >64 Resistant 0.5 Susceptible  
## 573 8 Susceptible 1 Susceptible  
## 574 >64 Resistant 0.25 Susceptible  
## 575 16 Intermediate 1 Susceptible  
## 576 >64 Resistant 0.12 Susceptible  
## 577 16 Intermediate 0.12 Susceptible  
## 578 4 Susceptible 0.25 Susceptible  
## 579 8 Susceptible 0.25 Susceptible  
## 580 32 Resistant 0.12 Susceptible  
## 581 4 Susceptible 1 Susceptible  
## 582 16 Intermediate 1 Susceptible  
## 583 8 Susceptible 0.25 Susceptible  
## 584 4 Susceptible 1 Susceptible  
## 585 >64 Resistant 0.12 Susceptible  
## 586 >64 Resistant 1 Susceptible  
## 587 2 Susceptible 0.12 Susceptible  
## 588 >64 Resistant 0.5 Susceptible  
## 589 >64 Resistant 0.5 Susceptible  
## 590 16 Intermediate 0.5 Susceptible  
## 591 2 Susceptible 0.12 Susceptible  
## 592 2 Susceptible 0.5 Susceptible  
## 593 >64 Resistant 1 Susceptible  
## 594 16 Intermediate 0.25 Susceptible  
## 595 >64 Resistant 2 Susceptible  
## 596 2 Susceptible 0.5 Susceptible  
## 597 2 Susceptible 0.12 Susceptible  
## 598 >64 Resistant 1 Susceptible  
## 599 64 Resistant 0.25 Susceptible  
## 600 16 Intermediate 0.5 Susceptible  
## 601 >64 Resistant 0.25 Susceptible  
## 602 32 Resistant 0.5 Susceptible  
## 603 >64 Resistant 1 Susceptible  
## 604 >64 Resistant 0.06 Susceptible  
## 605 >64 Resistant 0.12 Susceptible  
## 606 >64 Resistant 0.25 Susceptible  
## 607 4 Susceptible 0.25 Susceptible  
## 608 2 Susceptible 0.5 Susceptible  
## 609 2 Susceptible 0.25 Susceptible  
## 610 >64 Resistant 0.25 Susceptible  
## 611 2 Susceptible 0.5 Susceptible  
## 612 1 Susceptible 0.25 Susceptible  
## 613 >64 Resistant 0.25 Susceptible  
## 614 64 Resistant 1 Susceptible  
## 615 4 Susceptible 0.5 Susceptible  
## 616 8 Susceptible 0.5 Susceptible  
## 617 16 Intermediate 0.5 Susceptible  
## 618 >64 Resistant 0.25 Susceptible  
## 619 8 Susceptible 0.5 Susceptible  
## 620 >64 Resistant 0.25 Susceptible  
## 621 >64 Resistant 0.12 Susceptible  
## 622 32 Resistant 1 Susceptible  
## 623 4 Susceptible 0.25 Susceptible  
## 624 16 Intermediate 1 Susceptible  
## 625 2 Susceptible 0.12 Susceptible  
## 626 32 Resistant 0.5 Susceptible  
## 627 1 Susceptible 0.12 Susceptible  
## 628 16 Intermediate 0.12 Susceptible  
## 629 >64 Resistant 0.12 Susceptible  
## 630 >64 Resistant 0.25 Susceptible  
## 631 >64 Resistant 0.12 Susceptible  
## 632 16 Intermediate 1 Susceptible  
## 633 4 Susceptible 0.5 Susceptible  
## 634 8 Susceptible 0.12 Susceptible  
## 635 32 Resistant 1 Susceptible  
## 636 64 Resistant 2 Susceptible  
## 637 1 Susceptible 0.25 Susceptible  
## 638 8 Susceptible 0.06 Susceptible  
## 639 4 Susceptible 0.25 Susceptible  
## 640 16 Intermediate 0.12 Susceptible  
## 641 4 Susceptible 1 Susceptible  
## 642 16 Intermediate 0.5 Susceptible  
## 643 8 Susceptible 0.12 Susceptible  
## 644 4 Susceptible 0.25 Susceptible  
## 645 >64 Resistant 0.25 Susceptible  
## 646 32 Resistant 0.25 Susceptible  
## 647 2 Susceptible 0.25 Susceptible  
## 648 16 Intermediate 0.5 Susceptible  
## 649 >64 Resistant 1 Susceptible  
## 650 4 Susceptible 0.12 Susceptible  
## 651 64 Resistant 0.5 Susceptible  
## 652 64 Resistant 4 Intermediate  
## 653 32 Resistant 1 Susceptible  
## 654 8 Susceptible 0.5 Susceptible  
## 655 1 Susceptible 0.25 Susceptible  
## 656 >64 Resistant 0.25 Susceptible  
## 657 4 Susceptible 0.5 Susceptible  
## 658 4 Susceptible 0.5 Susceptible  
## 659 >64 Resistant 1 Susceptible  
## 660 16 Intermediate 0.25 Susceptible  
## 661 8 Susceptible 0.12 Susceptible  
## 662 >64 Resistant 0.5 Susceptible  
## 663 8 Susceptible 0.5 Susceptible  
## 664 >64 Resistant 0.25 Susceptible  
## 665 >64 Resistant 0.5 Susceptible  
## 666 2 Susceptible 0.5 Susceptible  
## 667 4 Susceptible 0.25 Susceptible  
## 668 32 Resistant 0.12 Susceptible  
## 669 >64 Resistant 0.5 Susceptible  
## 670 16 Intermediate 1 Susceptible  
## 671 16 Intermediate 0.5 Susceptible  
## 672 16 Intermediate 0.25 Susceptible  
## 673 8 Susceptible 0.5 Susceptible  
## 674 >64 Resistant 4 Intermediate  
## 675 >64 Resistant 0.5 Susceptible  
## 676 >64 Resistant 0.5 Susceptible  
## 677 >64 Resistant 4 Intermediate  
## 678 >64 Resistant 1 Susceptible  
## 679 >64 Resistant 4 Intermediate  
## 680 >64 Resistant 0.5 Susceptible  
## 681 >64 Resistant 4 Intermediate  
## 682 >64 Resistant 4 Intermediate  
## 683 >64 Resistant 0.5 Susceptible  
## 684 >64 Resistant 1 Susceptible  
## 685 1 Susceptible 0.12 Susceptible  
## 686 2 Susceptible 0.06 Susceptible  
## 687 2 Susceptible 0.12 Susceptible  
## 688 4 Susceptible 0.12 Susceptible  
## 689 4 Susceptible 0.12 Susceptible  
## 690 4 Susceptible 0.12 Susceptible  
## 691 4 Susceptible 0.12 Susceptible  
## 692 1 Susceptible 0.25 Susceptible  
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## 694 4 Susceptible 0.25 Susceptible  
## 695 8 Susceptible 0.25 Susceptible  
## 696 4 Susceptible 0.25 Susceptible  
## 697 8 Susceptible 0.25 Susceptible  
## 698 16 Intermediate 0.25 Susceptible  
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## 700 4 Susceptible 0.25 Susceptible  
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## 702 16 Intermediate 0.12 Susceptible  
## 703 16 Intermediate 0.5 Susceptible  
## 704 >64 Resistant 0.5 Susceptible  
## 705 16 Intermediate 0.5 Susceptible  
## 706 32 Resistant 4 Intermediate  
## 707 64 Resistant 4 Intermediate  
## 708 2 Susceptible 0.25 Susceptible  
## 709 16 Intermediate 1 Susceptible  
## 710 32 Resistant 0.5 Susceptible  
## 711 16 Intermediate 0.5 Susceptible  
## 712 4 Susceptible 0.12 Susceptible  
## 713 >64 Resistant 0.5 Susceptible  
## 714 4 Susceptible 0.12 Susceptible  
## 715 >64 Resistant 0.12 Susceptible  
## 716 >64 Resistant 1 Susceptible  
## 717 8 Susceptible 0.5 Susceptible  
## 718 8 Susceptible 1 Susceptible  
## 719 16 Intermediate 1 Susceptible  
## 720 8 Susceptible 0.5 Susceptible  
## 721 8 Susceptible 0.5 Susceptible  
## 722 16 Intermediate 1 Susceptible  
## 723 8 Susceptible 0.5 Susceptible  
## 724 8 Susceptible 1 Susceptible  
## 725 2 Susceptible 0.12 Susceptible  
## 726 8 Susceptible 0.5 Susceptible  
## 727 8 Susceptible 1 Susceptible  
## 728 8 Susceptible 0.5 Susceptible  
## 729 8 Susceptible 0.25 Susceptible  
## 730 16 Intermediate 1 Susceptible  
## 731 16 Intermediate 1 Susceptible  
## 732 >64 Resistant 1 Susceptible  
## 733 >64 Resistant 1 Susceptible  
## 734 16 Intermediate 0.5 Susceptible  
## 735 8 Susceptible 0.5 Susceptible  
## 736 >64 Resistant 0.5 Susceptible  
## 737 >64 Resistant 0.25 Susceptible  
## 738 32 Resistant 0.5 Susceptible  
## 739 >64 Resistant 0.25 Susceptible  
## 740 >64 Resistant 0.25 Susceptible  
## 741 8 Susceptible 0.25 Susceptible  
## 742 16 Intermediate 0.5 Susceptible  
## 743 4 Susceptible 0.12 Susceptible  
## 744 16 Intermediate 0.5 Susceptible  
## 745 2 Susceptible 0.5 Susceptible  
## 746 32 Resistant 0.5 Susceptible  
## 747 16 Intermediate 0.5 Susceptible  
## 748 2 Susceptible 0.5 Susceptible  
## 749 4 Susceptible 0.5 Susceptible  
## 750 16 Intermediate 0.25 Susceptible  
## 751 8 Susceptible 0.5 Susceptible  
## 752 8 Susceptible 0.25 Susceptible  
## 753 64 Resistant 0.5 Susceptible  
## 754 4 Susceptible 0.25 Susceptible  
## 755 4 Susceptible 0.12 Susceptible  
## 756 2 Susceptible 0.06 Susceptible  
## 757 >64 Resistant 0.5 Susceptible  
## 758 >64 Resistant 0.5000 Susceptible  
## 759 4.0000 Susceptible 0.2500 Susceptible  
## 760 4.0000 Susceptible 0.2500 Susceptible  
## 761 2.0000 Susceptible 0.1200 Susceptible  
## 762 8.0000 Susceptible 0.2500 Susceptible  
## 763 4.0000 Susceptible 0.1200 Susceptible  
## 764 2.0000 Susceptible 0.1200 Susceptible  
## 765 4.0000 Susceptible 0.2500 Susceptible  
## 766 8.0000 Susceptible 0.2500 Susceptible  
## 767 8.0000 Susceptible 0.2500 Susceptible  
## 768 >64 Resistant 0.2500 Susceptible  
## 769 2.0000 Susceptible 0.0600 Susceptible  
## 770 2.0000 Susceptible 0.2500 Susceptible  
## 771 2.0000 Susceptible 0.1200 Susceptible  
## 772 2.0000 Susceptible 0.1200 Susceptible  
## 773 4.0000 Susceptible 0.1200 Susceptible  
## 774 4.0000 Susceptible 0.1200 Susceptible  
## 775 >64 Resistant 0.2500 Susceptible  
## 776 4.0000 Susceptible 0.1200 Susceptible  
## 777 2.0000 Susceptible 0.1200 Susceptible  
## 778 8.0000 Susceptible 0.1200 Susceptible  
## 779 8.0000 Susceptible 0.2500 Susceptible  
## 780 16.0000 Intermediate 0.5000 Susceptible  
## 781 4.0000 Susceptible 0.2500 Susceptible  
## 782 16.0000 Intermediate 1.0000 Susceptible  
## 783 16.0000 Intermediate 0.2500 Susceptible  
## 784 32.0000 Resistant 1.0000 Susceptible  
## 785 >64 Resistant 0.1200 Susceptible  
## 786 >64 Resistant 1.0000 Susceptible  
## 787 8.0000 Susceptible 0.5000 Susceptible  
## 788 4.0000 Susceptible 0.1200 Susceptible  
## 789 16.0000 Intermediate 1.0000 Susceptible  
## 790 8.0000 Susceptible 0.5000 Susceptible  
## 791 16.0000 Intermediate 1.0000 Susceptible  
## 792 16.0000 Intermediate 1.0000 Susceptible  
## 793 16.0000 Intermediate 0.2500 Susceptible  
## 794 8.0000 Susceptible 0.2500 Susceptible  
## 795 32.0000 Resistant 0.5000 Susceptible  
## 796 4.0000 Susceptible 0.1200 Susceptible  
## 797 >64 Resistant 0.2500 Susceptible  
## 798 32.0000 Resistant 2.0000 Susceptible  
## 799 8.0000 Susceptible 0.5000 Susceptible  
## 800 16.0000 Intermediate 0.1200 Susceptible  
## 801 32.0000 Resistant 0.2500 Susceptible  
## 802 4.0000 Susceptible 0.1200 Susceptible  
## 803 4.0000 Susceptible 0.1200 Susceptible  
## 804 8.0000 Susceptible 0.2500 Susceptible  
## 805 16.0000 Intermediate 1.0000 Susceptible  
## 806 16.0000 Intermediate 1.0000 Susceptible  
## 807 >64 Resistant 0.1200 Susceptible  
## 808 >64 Resistant 2.0000 Susceptible  
## 809 16.0000 Intermediate 0.5000 Susceptible  
## 810 16.0000 Intermediate 0.5000 Susceptible  
## 811 32.0000 Resistant 0.2500 Susceptible  
## 812 32.0000 Resistant 1.0000 Susceptible  
## 813 4.0000 Susceptible 0.1200 Susceptible  
## 814 4.0000 Susceptible 1.0000 Susceptible  
## 815 16.0000 Intermediate 0.5000 Susceptible  
## 816 2.0000 Susceptible 0.2500 Susceptible  
## 817 >64 Resistant 1.0000 Susceptible  
## 818 16.0000 Intermediate 2.0000 Susceptible  
## 819 64.0000 Resistant 1.0000 Susceptible  
## 820 4.0000 Susceptible 0.2500 Susceptible  
## 821 >64 Resistant 0.1200 Susceptible  
## 822 32.0000 Resistant 0.2500 Susceptible  
## 823 2.0000 Susceptible 0.2500 Susceptible  
## 824 >64 Resistant 1.0000 Susceptible  
## 825 >64 Resistant 1.0000 Susceptible  
## 826 16.0000 Intermediate 0.5000 Susceptible  
## 827 >64 Resistant 0.2500 Susceptible  
## 828 >64 Resistant 8.0000 Resistant  
## 829 >64 Resistant 0.5000 Susceptible  
## 830 >64 Resistant 2.0000 Susceptible  
## 831 8.0000 Susceptible 0.5000 Susceptible  
## 832 >64 Resistant 0.2500 Susceptible  
## 833 >64 Resistant 1.0000 Susceptible  
## 834 4.0000 Susceptible 0.2500 Susceptible  
## 835 8.0000 Susceptible 0.1200 Susceptible  
## 836 >64 Resistant 2.0000 Susceptible  
## 837 >64 Resistant 4.0000 Intermediate  
## 838 >64 Resistant 2.0000 Susceptible  
## 839 >64 Resistant 0.5000 Susceptible  
## 840 16.0000 Intermediate 0.2500 Susceptible  
## 841 1.0000 Susceptible 0.1200 Susceptible  
## 842 >64 Resistant 0.5000 Susceptible  
## 843 4.0000 Susceptible 1.0000 Susceptible  
## 844 >64 Resistant 2.0000 Susceptible  
## 845 >64 Resistant 2.0000 Susceptible  
## 846 4.0000 Susceptible 0.2500 Susceptible  
## 847 8.0000 Susceptible 0.5000 Susceptible  
## 848 >64 Resistant 0.5000 Susceptible  
## 849 >64 Resistant 0.1200 Susceptible  
## 850 2.0000 Susceptible 0.5000 Susceptible  
## 851 4.0000 Susceptible 0.5000 Susceptible  
## 852 4.0000 Susceptible 0.2500 Susceptible  
## 853 16.0000 Intermediate 0.5000 Susceptible  
## 854 >64 Resistant 0.5000 Susceptible  
## 855 >64 Resistant 0.5000 Susceptible  
## 856 32.0000 Resistant 0.2500 Susceptible  
## 857 4.0000 Susceptible 0.2500 Susceptible  
## 858 1.0000 Susceptible 0.5000 Susceptible  
## 859 16.0000 Intermediate 0.2500 Susceptible  
## 860 >64 Resistant 0.5000 Susceptible  
## 861 8.0000 Susceptible 0.2500 Susceptible  
## 862 >64 Resistant 1.0000 Susceptible  
## 863 >64 Resistant 0.5000 Susceptible  
## 864 32.0000 Resistant 0.2500 Susceptible  
## 865 >64 Resistant 0.5000 Susceptible  
## 866 8.0000 Susceptible 0.5000 Susceptible  
## 867 8.0000 Susceptible 0.5000 Susceptible  
## 868 >64 Resistant 1.0000 Susceptible  
## 869 64.0000 Resistant 0.2500 Susceptible  
## 870 >64 Resistant 0.2500 Susceptible  
## 871 8.0000 Susceptible 0.2500 Susceptible  
## 872 16.0000 Intermediate 0.2500 Susceptible  
## 873 4.0000 Susceptible 0.2500 Susceptible  
## 874 2.0000 Susceptible 0.5000 Susceptible  
## 875 4.0000 Susceptible 0.5000 Susceptible  
## 876 8.0000 Susceptible 0.2500 Susceptible  
## 877 8.0000 Susceptible 1.0000 Susceptible  
## 878 2.0000 Susceptible 0.1200 Susceptible  
## 879 4.0000 Susceptible 0.2500 Susceptible  
## 880 4.0000 Susceptible 0.2500 Susceptible  
## 881 >64 Resistant 1.0000 Susceptible  
## 882 8.0000 Susceptible 0.2500 Susceptible  
## 883 >64 Resistant 0.5000 Susceptible  
## 884 4.0000 Susceptible 0.1200 Susceptible  
## 885 16.0000 Intermediate 0.2500 Susceptible  
## 886 2.0000 Susceptible 0.1200 Susceptible  
## 887 2.0000 Susceptible 0.1200 Susceptible  
## 888 >64 Resistant 0.2500 Susceptible  
## 889 32.0000 Resistant 0.2500 Susceptible  
## 890 >64 Resistant 0.2500 Susceptible  
## 891 >64 Resistant 0.2500 Susceptible  
## 892 16.0000 Intermediate 0.2500 Susceptible  
## 893 >64 Resistant 1.0000 Susceptible  
## 894 >64 Resistant 0.5000 Susceptible  
## 895 >64 Resistant 2.0000 Susceptible  
## 896 >64 Resistant 0.5000 Susceptible  
## 897 8.0000 Susceptible 0.2500 Susceptible  
## 898 >64 Resistant 1.0000 Susceptible  
## 899 8.0000 Susceptible 0.2500 Susceptible  
## 900 >64 Resistant 0.5000 Susceptible  
## 901 16.0000 Intermediate 0.1200 Susceptible  
## 902 >64 Resistant 0.5000 Susceptible  
## 903 16.0000 Intermediate 0.5000 Susceptible  
## 904 4.0000 Susceptible 0.2500 Susceptible  
## 905 8.0000 Susceptible 0.2500 Susceptible  
## 906 8.0000 Susceptible 0.2500 Susceptible  
## 907 16.0000 Intermediate 0.5000 Susceptible  
## 908 4.0000 Susceptible 0.1200 Susceptible  
## 909 16.0000 Intermediate 0.1200 Susceptible  
## 910 8.0000 Susceptible 0.1200 Susceptible  
## 911 32.0000 Resistant 1.0000 Susceptible  
## 912 8.0000 Susceptible 0.2500 Susceptible  
## 913 32.0000 Resistant 0.2500 Susceptible  
## 914 32.0000 Resistant 0.5000 Susceptible  
## 915 >64 Resistant 0.1200 Susceptible  
## 916 >64 Resistant 0.1200 Susceptible  
## 917 8.0000 Susceptible 0.2500 Susceptible  
## 918 >64 Resistant 0.5000 Susceptible  
## 919 64.0000 Resistant 0.1200 Susceptible  
## 920 2.0000 Susceptible 0.5000 Susceptible  
## 921 1.0000 Susceptible 0.1200 Susceptible  
## 922 >64 Resistant 0.5000 Susceptible  
## 923 2.0000 Susceptible 0.1200 Susceptible  
## 924 2.0000 Susceptible 0.1200 Susceptible  
## 925 >64 Resistant 2.0000 Susceptible  
## 926 16.0000 Intermediate 0.5000 Susceptible  
## 927 16.0000 Intermediate 0.2500 Susceptible  
## 928 16.0000 Intermediate 0.2500 Susceptible  
## 929 >64 Resistant 0.2500 Susceptible  
## 930 64.0000 Resistant 0.5000 Susceptible  
## 931 >64 Resistant 1.0000 Susceptible  
## 932 >64 Resistant 1.0000 Susceptible  
## 933 16.0000 Intermediate 0.2500 Susceptible  
## 934 16.0000 Intermediate 0.2500 Susceptible  
## 935 8.0000 Susceptible 0.1200 Susceptible  
## 936 8.0000 Susceptible 0.2500 Susceptible  
## 937 >64 Resistant 1.0000 Susceptible  
## 938 8.0000 Susceptible 0.2500 Susceptible  
## 939 4.0000 Susceptible 0.1200 Susceptible  
## 940 32.0000 Resistant 1.0000 Susceptible  
## 941 64.0000 Resistant 0.5000 Susceptible  
## 942 2.0000 Susceptible 0.2500 Susceptible  
## 943 16.0000 Intermediate 0.5000 Susceptible  
## 944 >64 Resistant 0.1200 Susceptible  
## 945 8.0000 Susceptible 0.5000 Susceptible  
## 946 8.0000 Susceptible 0.2500 Susceptible  
## 947 4.0000 Susceptible 0.2500 Susceptible  
## 948 >64 Resistant 0.5000 Susceptible  
## 949 >64 Resistant 0.5000 Susceptible  
## 950 2.0000 Susceptible 0.2500 Susceptible  
## 951 >64 Resistant 0.5000 Susceptible  
## 952 64.0000 Resistant 0.5000 Susceptible  
## 953 4.0000 Susceptible 0.2500 Susceptible  
## 954 1.0000 Susceptible 0.1200 Susceptible  
## 955 4.0000 Susceptible 0.5000 Susceptible  
## 956 >64 Resistant 0.2500 Susceptible  
## 957 >64 Resistant 0.5000 Susceptible  
## 958 8.0000 Susceptible 0.2500 Susceptible  
## 959 16.0000 Intermediate 0.5000 Susceptible  
## 960 >64 Resistant 0.5000 Susceptible  
## 961 >64 Resistant 2.0000 Susceptible  
## 962 16.0000 Intermediate 0.2500 Susceptible  
## 963 16.0000 Intermediate 0.2500 Susceptible  
## 964 16.0000 Intermediate 0.2500 Susceptible  
## 965 2.0000 Susceptible 0.2500 Susceptible  
## 966 >64 Resistant 0.5000 Susceptible  
## 967 16.0000 Intermediate 0.1200 Susceptible  
## 968 >64 Resistant 1.0000 Susceptible  
## 969 32.0000 Resistant 1.0000 Susceptible  
## 970 2.0000 Susceptible 0.2500 Susceptible  
## 971 8.0000 Susceptible 2.0000 Susceptible  
## 972 8.0000 Susceptible 1.0000 Susceptible  
## 973 16.0000 Intermediate 0.2500 Susceptible  
## 974 16.0000 Intermediate 1.0000 Susceptible  
## 975 >64 Resistant 0.2500 Susceptible  
## 976 1.0000 Susceptible 0.1200 Susceptible  
## 977 16.0000 Intermediate 1.0000 Susceptible  
## 978 2.0000 Susceptible 0.2500 Susceptible  
## 979 8.0000 Susceptible 0.2500 Susceptible  
## 980 16.0000 Intermediate 0.5000 Susceptible  
## 981 64.0000 Resistant 2.0000 Susceptible  
## 982 8.0000 Susceptible 0.2500 Susceptible  
## 983 64.0000 Resistant 0.5000 Susceptible  
## 984 4.0000 Susceptible 1.0000 Susceptible  
## 985 >64 Resistant 0.2500 Susceptible  
## 986 32.0000 Resistant 1.0000 Susceptible  
## 987 32.0000 Resistant 0.2500 Susceptible  
## 988 64.0000 Resistant 0.2500 Susceptible  
## 989 16.0000 Intermediate 1.0000 Susceptible  
## 990 >64 Resistant 0.1200 Susceptible  
## 991 16.0000 Intermediate 0.5000 Susceptible  
## 992 2.0000 Susceptible 1.0000 Susceptible  
## 993 2.0000 Susceptible 0.5000 Susceptible  
## 994 16.0000 Intermediate 0.5000 Susceptible  
## 995 >64 Resistant 0.2500 Susceptible  
## 996 8.0000 Susceptible 0.2500 Susceptible  
## 997 2.0000 Susceptible 0.2500 Susceptible  
## 998 >64 Resistant 0.2500 Susceptible  
## 999 >64 Resistant 0.5000 Susceptible  
## 1000 >64 Resistant 0.5000 Susceptible  
## 1001 >64 Resistant 0.5000 Susceptible  
## 1002 0.5000 Susceptible 0.1200 Susceptible  
## 1003 1.0000 Susceptible 0.1200 Susceptible  
## 1004 8.0000 Susceptible 0.1200 Susceptible  
## 1005 8.0000 Susceptible 0.1200 Susceptible  
## 1006 8.0000 Susceptible 0.1200 Susceptible  
## 1007 2.0000 Susceptible 0.2500 Susceptible  
## 1008 16.0000 Intermediate 0.2500 Susceptible  
## 1009 8.0000 Susceptible 0.2500 Susceptible  
## 1010 2.0000 Susceptible 0.2500 Susceptible  
## 1011 >64 Resistant 4.0000 Intermediate  
## 1012 >64 Resistant 2.0000 Susceptible  
## 1013 16.0000 Intermediate 1.0000 Susceptible  
## 1014 16.0000 Intermediate 1.0000 Susceptible  
## 1015 >64 Resistant 0.5000 Susceptible  
## 1016 >64 Resistant 0.2500 Susceptible  
## 1017 8.0000 Susceptible 0.1200 Susceptible  
## 1018 8.0000 Susceptible 1.0000 Susceptible  
## 1019 >64 Resistant 0.5000 Susceptible  
## 1020 32.0000 Resistant 1.0000 Susceptible  
## 1021 8.0000 Susceptible 1.0000 Susceptible  
## 1022 8.0000 Susceptible 1.0000 Susceptible  
## 1023 8.0000 Susceptible 0.5000 Susceptible  
## 1024 >64 Resistant 1.0000 Susceptible  
## 1025 64.0000 Resistant 2.0000 Susceptible  
## 1026 16.0000 Intermediate 0.5000 Susceptible  
## 1027 16.0000 Intermediate 0.2500 Susceptible  
## 1028 >64 Resistant 0.5000 Susceptible  
## 1029 16.0000 Intermediate 1.0000 Susceptible  
## 1030 16.0000 Intermediate 1.0000 Susceptible  
## 1031 8.0000 Susceptible 1.0000 Susceptible  
## 1032 >64 Resistant 1.0000 Susceptible  
## 1033 16.0000 Intermediate 1.0000 Susceptible  
## 1034 16.0000 Intermediate 1.0000 Susceptible  
## 1035 >64 Resistant 1.0000 Susceptible  
## 1036 16.0000 Intermediate 1.0000 Susceptible  
## 1037 2.0000 Susceptible 0.1200 Susceptible  
## 1038 >64 Resistant 4.0000 Intermediate  
## 1039 2.0000 Susceptible 0.1200 Susceptible  
## 1040 32.0000 Resistant 0.5000 Susceptible  
## 1041 >64 Resistant 0.1200 Susceptible  
## 1042 >64 Resistant 0.5000 Susceptible  
## 1043 >64 Resistant 0.1200 Susceptible  
## 1044 8.0000 Susceptible 0.2500 Susceptible  
## 1045 2.0000 Susceptible 0.1200 Susceptible  
## 1046 >64 Resistant 1.0000 Susceptible  
## 1047 64.0000 Resistant 0.5000 Susceptible  
## 1048 8.0000 Susceptible 0.5000 Susceptible  
## 1049 <=0.5 Susceptible 0.1200 Susceptible  
## 1050 32.0000 Resistant 0.5000 Susceptible  
## 1051 64.0000 Resistant 0.5000 Susceptible  
## 1052 8.0000 Susceptible 0.5000 Susceptible  
## 1053 16.0000 Intermediate 0.5000 Susceptible  
## 1054 8.0000 Susceptible 0.2500 Susceptible  
## 1055 2.0000 Susceptible 0.2500 Susceptible  
## 1056 >64 Resistant 0.5000 Susceptible  
## 1057 2.0000 Susceptible 0.5000 Susceptible  
## 1058 16.0000 Intermediate 0.5000 Susceptible  
## 1059 16.0000 Intermediate 0.5000 Susceptible  
## 1060 8.0000 Susceptible 1.0000 Susceptible  
## 1061 32.0000 Resistant 0.5000 Susceptible  
## 1062 16.0000 Intermediate 0.5000 Susceptible  
## 1063 >64 Resistant 0.5000 Susceptible  
## 1064 4.0000 Susceptible 0.1200 Susceptible  
## 1065 4.0000 Susceptible 0.1200 Susceptible  
## 1066 64.0000 Resistant 0.5000 Susceptible  
## 1067 1.0000 Susceptible 0.2500 Susceptible  
## 1068 4.0000 Susceptible 0.5000 Susceptible  
## 1069 >64 Resistant 0.5000 Susceptible  
## 1070 16.0000 Intermediate 0.5000 Susceptible  
## 1071 4.0000 Susceptible 0.5000 Susceptible  
## 1072 >64 Resistant 0.5000 Susceptible  
## 1073 >64 Resistant 1.0000 Susceptible  
## 1074 >64 Resistant 4.0000 Intermediate  
## 1075 >64 Resistant 0.5000 Susceptible  
## 1076 8.0000 Susceptible 0.2500 Susceptible  
## 1077 8.0000 Susceptible 0.1200 Susceptible  
## 1078 4.0000 Susceptible 1.0000 Susceptible  
## 1079 2.0000 Susceptible 0.5000 Susceptible  
## 1080 2.0000 Susceptible 0.5000 Susceptible  
## 1081 2.0000 Susceptible 0.2500 Susceptible  
## 1082 64.0000 Resistant 1.0000 Susceptible  
## 1083 8.0000 Susceptible 0.2500 Susceptible  
## 1084 >64 Resistant 0.2500 Susceptible  
## 1085 4.0000 Susceptible 0.5000 Susceptible  
## 1086 2.0000 Susceptible 0.2500 Susceptible  
## 1087 16.0000 Intermediate 0.5000 Susceptible  
## 1088 >64 Resistant 0.5000 Susceptible  
## 1089 4.0000 Susceptible 0.2500 Susceptible  
## 1090 8.0000 Susceptible 0.5000 Susceptible  
## 1091 4.0000 Susceptible 0.2500 Susceptible  
## 1092 2.0000 Susceptible 0.1200 Susceptible  
## 1093 >64 Resistant 0.5000 Susceptible  
## 1094 <=0.5 Susceptible 0.5000 Susceptible  
## 1095 >64 Resistant 0.2500 Susceptible  
## 1096 4.0000 Susceptible 0.2500 Susceptible  
## 1097 >64 Resistant 0.5000 Susceptible  
## 1098 16.0000 Intermediate 1.0000 Susceptible  
## 1099 16.0000 Intermediate 0.2500 Susceptible  
## 1100 >64 Resistant 0.2500 Susceptible  
## 1101 16.0000 Intermediate 0.1200 Susceptible  
## 1102 16.0000 Intermediate 1.0000 Susceptible  
## 1103 2.0000 Susceptible 0.1200 Susceptible  
## 1104 1.0000 Susceptible 0.1200 Susceptible  
## 1105 >64 Resistant 1.0000 Susceptible  
## 1106 16.0000 Intermediate 0.5000 Susceptible  
## 1107 2.0000 Susceptible 0.2500 Susceptible  
## 1108 >64 Resistant 0.1200 Susceptible  
## 1109 >64 Resistant 1.0000 Susceptible  
## 1110 >64 Resistant 2.0000 Susceptible  
## 1111 16.0000 Intermediate 0.2500 Susceptible  
## 1112 >64 Resistant 0.5000 Susceptible  
## 1113 >64 Resistant 0.5000 Susceptible  
## 1114 >64 Resistant 0.1200 Susceptible  
## 1115 >64 Resistant 0.1200 Susceptible  
## 1116 >64 Resistant 0.5000 Susceptible  
## 1117 4.0000 Susceptible 0.2500 Susceptible  
## 1118 >64 Resistant 0.5000 Susceptible  
## 1119 >64 Resistant 0.2500 Susceptible  
## 1120 >64 Resistant 0.1200 Susceptible  
## 1121 4.0000 Susceptible 0.1200 Susceptible  
## 1122 8.0000 Susceptible 0.1200 Susceptible  
## 1123 2.0000 Susceptible 0.1200 Susceptible  
## 1124 8.0000 Susceptible 0.2500 Susceptible  
## 1125 >64 Resistant 0.2500 Susceptible  
## 1126 >64 Resistant 0.5000 Susceptible  
## 1127 >64 Resistant 1.0000 Susceptible  
## 1128 >64 Resistant 4.0000 Intermediate  
## 1129 >64 Resistant 1.0000 Susceptible  
## 1130 >64 Resistant 2.0000 Susceptible  
## 1131 4.0000 Susceptible 0.2500 Susceptible  
## 1132 2.0000 Susceptible 1.0000 Susceptible  
## 1133 8.0000 Susceptible 0.5000 Susceptible  
## 1134 8.0000 Susceptible 0.2500 Susceptible  
## 1135 >64 Resistant 0.2500 Susceptible  
## 1136 8.0000 Susceptible 0.2500 Susceptible  
## 1137 8.0000 Susceptible 1.0000 Susceptible  
## 1138 8.0000 Susceptible 1.0000 Susceptible  
## 1139 8.0000 Susceptible 0.2500 Susceptible  
## 1140 >64 Resistant 4.0000 Intermediate  
## 1141 8.0000 Susceptible 0.2500 Susceptible  
## 1142 >64 Resistant 0.2500 Susceptible  
## 1143 >64 Resistant 0.2500 Susceptible  
## 1144 >64 Resistant 0.2500 Susceptible  
## 1145 8.0000 Susceptible 0.2500 Susceptible  
## 1146 4.0000 Susceptible 0.2500 Susceptible  
## 1147 4.0000 Susceptible 0.1200 Susceptible  
## 1148 16.0000 Intermediate 0.5000 Susceptible  
## 1149 16.0000 Intermediate 0.5000 Susceptible  
## 1150 2.0000 Susceptible 0.5000 Susceptible  
## 1151 >64 Resistant 0.5000 Susceptible  
## 1152 32.0000 Resistant 0.2500 Susceptible  
## 1153 8.0000 Susceptible 0.2500 Susceptible  
## 1154 4.0000 Susceptible 0.5000 Susceptible  
## 1155 64.0000 Resistant 1.0000 Susceptible  
## 1156 8.0000 Susceptible 0.2500 Susceptible  
## 1157 16.0000 Intermediate 0.2500 Susceptible  
## 1158 64.0000 Resistant 0.1200 Susceptible  
## 1159 64.0000 Resistant 4.0000 Intermediate  
## 1160 16.0000 Intermediate 1.0000 Susceptible  
## 1161 32.0000 Resistant 0.2500 Susceptible  
## 1162 8.0000 Susceptible 1.0000 Susceptible  
## 1163 2.0000 Susceptible 0.1200 Susceptible  
## 1164 >64 Resistant 0.5000 Susceptible  
## 1165 2.0000 Susceptible 0.5000 Susceptible  
## 1166 >64 Resistant 1.0000 Susceptible  
## 1167 >64 Resistant 0.5000 Susceptible  
## 1168 64.0000 Resistant 0.5000 Susceptible  
## 1169 >64 Resistant 0.5000 Susceptible  
## 1170 >64 Resistant 0.2500 Susceptible  
## 1171 8.0000 Susceptible 0.1200 Susceptible  
## 1172 >64 Resistant 1.0000 Susceptible  
## 1173 >64 Resistant 0.2500 Susceptible  
## 1174 >64 Resistant 0.2500 Susceptible  
## 1175 >64 Resistant 1.0000 Susceptible  
## 1176 1.0000 Susceptible 0.1200 Susceptible  
## 1177 >64 Resistant 1.0000 Susceptible  
## 1178 >64 Resistant 2.0000 Susceptible  
## 1179 >64 Resistant 0.5000 Susceptible  
## 1180 >64 Resistant 1.0000 Susceptible  
## 1181 >64 Resistant 0.5000 Susceptible  
## 1182 >64 Resistant 0.5000 Susceptible  
## 1183 4.0000 Susceptible 0.1200 Susceptible  
## 1184 >64 Resistant 2.0000 Susceptible  
## 1185 >64 Resistant 2.0000 Susceptible  
## 1186 >64 Resistant 0.5000 Susceptible  
## 1187 16.0000 Intermediate 0.5000 Susceptible  
## 1188 >64 Resistant 0.5000 Susceptible  
## 1189 >64 Resistant 0.2500 Susceptible  
## 1190 >64 Resistant 1.0000 Susceptible  
## 1191 8.0000 Susceptible 0.1200 Susceptible  
## 1192 >64 Resistant 1.0000 Susceptible  
## 1193 >64 Resistant 0.5000 Susceptible  
## 1194 >64 Resistant 0.2500 Susceptible  
## 1195 >64 Resistant 0.5000 Susceptible  
## 1196 >64 Resistant 0.2500 Susceptible  
## 1197 >64 Resistant 0.2500 Susceptible  
## 1198 >64 Resistant 1.0000 Susceptible  
## 1199 >64 Resistant 1.0000 Susceptible  
## 1200 >64 Resistant 4.0000 Intermediate  
## 1201 >64 Resistant 0.2500 Susceptible  
## 1202 >64 Resistant 0.2500 Susceptible  
## 1203 >64 Resistant 0.2500 Susceptible  
## 1204 32.0000 Resistant 0.5000 Susceptible  
## 1205 >64 Resistant 0.5000 Susceptible  
## 1206 >64 Resistant 0.2500 Susceptible  
## 1207 >64 Resistant 0.5000 Susceptible  
## 1208 >64 Resistant 0.1200 Susceptible  
## 1209 >64 Resistant 0.1200 Susceptible  
## 1210 4.0000 Susceptible 0.2500 Susceptible  
## 1211 >64 Resistant 0.2500 Susceptible  
## 1212 >64 Resistant 0.2500 Susceptible  
## 1213 >64 Resistant 1.0000 Susceptible  
## 1214 >64 Resistant 0.5000 Susceptible  
## 1215 >64 Resistant 1.0000 Susceptible  
## 1216 >64 Resistant 1.0000 Susceptible  
## 1217 >64 Resistant 0.5000 Susceptible  
## 1218 8.0000 Susceptible 0.2500 Susceptible  
## 1219 16.0000 Intermediate 0.5000 Susceptible  
## 1220 8.0000 Susceptible 0.5000 Susceptible  
## 1221 4.0000 Susceptible 1.0000 Susceptible  
## 1222 4.0000 Susceptible 0.1200 Susceptible  
## 1223 4.0000 Susceptible 0.2500 Susceptible  
## 1224 8.0000 Susceptible 0.1200 Susceptible  
## 1225 1.0000 Susceptible 0.1200 Susceptible  
## 1226 8.0000 Susceptible 0.5000 Susceptible  
## 1227 4.0000 Susceptible 1.0000 Susceptible  
## 1228 2.0000 Susceptible 0.1200 Susceptible  
## 1229 2.0000 Susceptible 0.1200 Susceptible  
## 1230 16.0000 Intermediate 1.0000 Susceptible  
## 1231 4.0000 Susceptible 0.5000 Susceptible  
## 1232 4.0000 Susceptible 0.2500 Susceptible  
## 1233 4.0000 Susceptible 1.0000 Susceptible  
## 1234 16.0000 Intermediate 1.0000 Susceptible  
## 1235 >64 Resistant 2.0000 Susceptible  
## 1236 2.0000 Susceptible 0.5000 Susceptible  
## 1237 2.0000 Susceptible 0.5000 Susceptible  
## 1238 2.0000 Susceptible 0.5000 Susceptible  
## 1239 8.0000 Susceptible 0.5000 Susceptible  
## 1240 >64 Resistant 0.5000 Susceptible  
## 1241 >64 Resistant 0.5000 Susceptible  
## 1242 4.0000 Susceptible 0.5000 Susceptible  
## 1243 2.0000 Susceptible 0.1200 Susceptible  
## 1244 64.0000 Resistant 0.1200 Susceptible  
## 1245 8.0000 Susceptible 0.1200 Susceptible  
## 1246 8.0000 Susceptible 0.5000 Susceptible  
## 1247 2.0000 Susceptible 0.1200 Susceptible  
## 1248 >64 Resistant 0.5000 Susceptible  
## 1249 16.0000 Intermediate 0.5000 Susceptible  
## 1250 64.0000 Resistant 0.5000 Susceptible  
## 1251 4.0000 Susceptible 0.5000 Susceptible  
## 1252 16.0000 Intermediate 0.5000 Susceptible  
## 1253 4.0000 Susceptible 0.5000 Susceptible  
## 1254 64.0000 Resistant 0.2500 Susceptible  
## 1255 2.0000 Susceptible 0.1200 Susceptible  
## 1256 8.0000 Susceptible 0.2500 Susceptible  
## 1257 2.0000 Susceptible 0.1200 Susceptible  
## 1258 >64 Resistant 0.5000 Susceptible  
## 1259 8.0000 Susceptible 0.1200 Susceptible  
## 1260 <=0.5 Susceptible 0.1200 Susceptible  
## 1261 >64 Resistant 0.5000 Susceptible  
## 1262 2.0000 Susceptible 0.2500 Susceptible  
## 1263 8.0000 Susceptible 0.2500 Susceptible  
## 1264 >64 Resistant 1.0000 Susceptible  
## 1265 8.0000 Susceptible 0.5000 Susceptible  
## 1266 2.0000 Susceptible 0.5000 Susceptible  
## 1267 >64 Resistant 0.2500 Susceptible  
## 1268 2.0000 Susceptible 0.1200 Susceptible  
## 1269 16.0000 Intermediate 0.1200 Susceptible  
## 1270 >64 Resistant 0.5000 Susceptible  
## 1271 4.0000 Susceptible 0.1200 Susceptible  
## 1272 1.0000 Susceptible 0.0600 Susceptible  
## 1273 1.0000 Susceptible 0.1200 Susceptible  
## 1274 4.0000 Susceptible 0.2500 Susceptible  
## 1275 4.0000 Susceptible 0.1200 Susceptible  
## 1276 8.0000 Susceptible 0.2500 Susceptible  
## 1277 32.0000 Resistant 0.2500 Susceptible  
## 1278 4.0000 Susceptible 0.2500 Susceptible  
## 1279 64.0000 Resistant 0.5000 Susceptible  
## 1280 16.0000 Intermediate 0.5000 Susceptible  
## 1281 4.0000 Susceptible 2.0000 Susceptible  
## 1282 >64 Resistant 0.5000 Susceptible  
## 1283 >64 Resistant 0.2500 Susceptible  
## 1284 8.0000 Susceptible 1.0000 Susceptible  
## 1285 32.0000 Resistant 0.1200 Susceptible  
## 1286 16.0000 Intermediate 0.5000 Susceptible  
## 1287 >64 Resistant 4.0000 Intermediate  
## 1288 >64 Resistant 1.0000 Susceptible  
## 1289 >64 Resistant 4.0000 Intermediate  
## 1290 >64 Resistant 4.0000 Intermediate  
## 1291 16.0000 Intermediate 0.5000 Susceptible  
## 1292 >64 Resistant 2.0000 Susceptible  
## 1293 >64 Resistant 1.0000 Susceptible  
## 1294 >64 Resistant 0.5000 Susceptible  
## 1295 >64 Resistant 2.0000 Susceptible  
## 1296 4.0000 Susceptible 0.5000 Susceptible  
## 1297 >64 Resistant 0.2500 Susceptible  
## 1298 >64 Resistant 0.5000 Susceptible  
## 1299 >64 Resistant 2.0000 Susceptible  
## 1300 16.0000 Intermediate 0.2500 Susceptible  
## 1301 2.0000 Susceptible 0.1200 Susceptible  
## 1302 >64 Resistant 0.2500 Susceptible  
## 1303 >64 Resistant 4.0000 Intermediate  
## 1304 >64 Resistant 0.2500 Susceptible  
## 1305 32.0000 Resistant 0.1200 Susceptible  
## 1306 4.0000 Susceptible 0.1200 Susceptible  
## 1307 4.0000 Susceptible 0.1200 Susceptible  
## 1308 2.0000 Susceptible 0.1200 Susceptible  
## 1309 2.0000 Susceptible 0.1200 Susceptible  
## 1310 4.0000 Susceptible 0.2500 Susceptible  
## 1311 1.0000 Susceptible 0.1200 Susceptible  
## 1312 2.0000 Susceptible 0.1200 Susceptible  
## 1313 2.0000 Susceptible 0.1200 Susceptible  
## 1314 16.0000 Intermediate 0.2500 Susceptible  
## 1315 2.0000 Susceptible 0.2500 Susceptible  
## Ampicillin.sulbactam Ampicillin.sulbactam\_I Aztreonam Aztreonam\_I Aztreonam.avibactam  
## 1 32 Resistant 0.06  
## 2 64 Resistant 0.06  
## 3 64 Resistant 0.03  
## 4 64 Resistant 0.03  
## 5 64 Resistant 0.06  
## 6 128 Resistant 0.03  
## 7 >128 Resistant 0.03  
## 8 32 Resistant 0.06  
## 9 64 Resistant 0.06  
## 10 32 Resistant 0.03  
## 11 32 Resistant 0.03  
## 12 32 Resistant 0.12  
## 13 128 Resistant 0.06  
## 14 128 Resistant <=0.015  
## 15 32 Resistant 0.12  
## 16 128 Resistant 0.03  
## 17 64 Resistant 0.06  
## 18 128 Resistant 0.06  
## 19 64 Resistant 0.06  
## 20 64 Resistant 0.03  
## 21 32 Resistant 0.06  
## 22 32 Resistant 0.06  
## 23 128 Resistant 0.12  
## 24 32 Resistant 0.06  
## 25 32 Resistant 0.06  
## 26 16 Resistant 0.06  
## 27 128 Resistant 0.12  
## 28 >128 Resistant 0.12  
## 29 128 Resistant 0.12  
## 30 64 Resistant <=0.015  
## 31 128 Resistant 0.06  
## 32 >128 Resistant 0.25  
## 33 64 Resistant 0.03  
## 34 32 Resistant 0.25  
## 35 64 Resistant 0.03  
## 36 64 Resistant 0.03  
## 37 32 Resistant 0.06  
## 38 128 Resistant 0.12  
## 39 >128 Resistant 0.06  
## 40 32 Resistant 0.03  
## 41 32 Resistant 0.03  
## 42 64 Resistant 0.06  
## 43 >128 Resistant 0.06  
## 44 32 Resistant 0.06  
## 45 16 Resistant 0.03  
## 46 32 Resistant 0.03  
## 47 64 Resistant 0.06  
## 48 32 Resistant 16  
## 49 64 Resistant 0.06  
## 50 64 Resistant 0.06  
## 51 64 Resistant 0.03  
## 52 64 Resistant 0.06  
## 53 128 Resistant 0.06  
## 54 32 Resistant 0.06  
## 55 16 Resistant 0.12  
## 56 64 Resistant 0.03  
## 57 64 Resistant 0.06  
## 58 64 Resistant 0.06  
## 59 16 Resistant 0.03  
## 60 128 Resistant 0.12  
## 61 128 Resistant 0.12  
## 62 32 Resistant 0.03  
## 63 64 Resistant 0.06  
## 64 64 Resistant 0.06  
## 65 64 Resistant 0.06  
## 66 64 Resistant 0.06  
## 67 128 Resistant 0.12  
## 68 >128 Resistant 0.12  
## 69 128 Resistant 0.12  
## 70 128 Resistant 0.12  
## 71 128 Resistant 0.25  
## 72 64 Resistant 0.06  
## 73 64 Resistant <=0.015  
## 74 128 Resistant 0.25  
## 75 64 Resistant 0.06  
## 76 64 Resistant 0.06  
## 77 64 Resistant 0.03  
## 78 128 Resistant 0.12  
## 79 >128 Resistant 0.06  
## 80 64 Resistant 0.12  
## 81 16 Resistant 0.06  
## 82 >128 Resistant 0.12  
## 83 64 Resistant 0.06  
## 84 64 Resistant 0.06  
## 85 64 Resistant 0.12  
## 86 64 Resistant 0.03  
## 87 8 Intermediate 0.06  
## 88 128 Resistant 0.25  
## 89 >128 Resistant 0.06  
## 90 >128 Resistant 0.12  
## 91 128 Resistant <=0.015  
## 92 16 Resistant <=0.015  
## 93 16 Resistant <=0.015  
## 94 128 Resistant 0.12  
## 95 64 Resistant 0.03  
## 96 16 Resistant <=0.015  
## 97 32 Resistant 0.03  
## 98 128 Resistant 0.12  
## 99 64 Resistant 0.03  
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## 102 64 Resistant 0.03  
## 103 64 Resistant 0.12  
## 104 2 Susceptible 0.03  
## 105 64 Resistant 0.06  
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## 108 32 Resistant 0.03  
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## 110 64 Resistant 0.12  
## 111 32 Resistant 0.03  
## 112 32 Resistant 0.12  
## 113 32 Resistant 0.06  
## 114 64 Resistant 0.06  
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## 116 64 Resistant 0.03  
## 117 128 Resistant 0.12  
## 118 32 Resistant 0.03  
## 119 128 Resistant 0.06  
## 120 32 Resistant <=0.015  
## 121 64 Resistant 0.03  
## 122 64 Resistant 0.03  
## 123 32 Resistant 0.06  
## 124 2 Susceptible 0.06  
## 125 64 Resistant 0.06  
## 126 64 Resistant 0.12  
## 127 64 Resistant 0.06  
## 128 16 Resistant 0.03  
## 129 32 Resistant 0.03  
## 130 64 Resistant 0.06  
## 131 >128 Resistant 0.5  
## 132 64 Resistant 0.06  
## 133 32 Resistant 0.03  
## 134 128 Resistant 0.03  
## 135 16 Resistant 0.06  
## 136 128 Resistant 0.06  
## 137 64 Resistant 0.06  
## 138 64 Resistant 0.25  
## 139 16 Resistant 0.12  
## 140 32 Resistant 0.06  
## 141 64 Resistant <=0.015  
## 142 32 Resistant <=0.015  
## 143 32 Resistant 0.06  
## 144 >128 Resistant 0.25  
## 145 32 Resistant 0.06  
## 146 32 Resistant 0.03  
## 147 32 Resistant <=0.015  
## 148 32 Resistant <=0.015  
## 149 32 Resistant 0.03  
## 150 64 Resistant 0.12  
## 151 32 Resistant 0.03  
## 152 128 Resistant 0.06  
## 153 128 Resistant 0.12  
## 154 128 Resistant 0.06  
## 155 32 Resistant 0.03  
## 156 16 Resistant <=0.015  
## 157 128 Resistant 0.5  
## 158 32 Resistant 0.25  
## 159 64 Resistant 0.06  
## 160 32 Resistant 0.12  
## 161 32 Resistant 0.03  
## 162 16 Resistant 0.06  
## 163 32 Resistant <=0.015  
## 164 32 Resistant 0.06  
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## 166 >128 Resistant 0.06  
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## 169 32 Resistant <=0.015  
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## 172 16 Resistant 0.06  
## 173 16 Resistant 0.03  
## 174 64 Resistant 0.12  
## 175 16 Resistant <=0.015  
## 176 32 Resistant <=0.015  
## 177 64 Resistant 0.06  
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## 179 128 Resistant 0.06  
## 180 16 Resistant 0.06  
## 181 128 Resistant 0.12  
## 182 32 Resistant 0.06  
## 183 32 Resistant 0.03  
## 184 64 Resistant 0.06  
## 185 64 Resistant 0.06  
## 186 32 Resistant 0.06  
## 187 0.12 Susceptible 0.12  
## 188 16 Resistant 0.03  
## 189 64 Resistant 0.03  
## 190 64 Resistant <=0.015  
## 191 64 Resistant 0.06  
## 192 32 Resistant <=0.015  
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## 196 128 Resistant 0.12  
## 197 128 Resistant 0.12  
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## 201 16 Resistant 0.06  
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## 203 32 Resistant 0.03  
## 204 32 Resistant 0.06  
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## 206 64 Resistant 0.06  
## 207 64 Resistant 0.06  
## 208 64 Resistant 0.12  
## 209 >128 Resistant 1  
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## 211 32 Resistant 0.03  
## 212 64 Resistant 0.06  
## 213 64 Resistant 0.12  
## 214 >128 Resistant 1  
## 215 128 Resistant 0.12  
## 216 128 Resistant <=0.015  
## 217 >128 Resistant 0.12  
## 218 128 Resistant 0.06  
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## 223 64 Resistant 0.06  
## 224 128 Resistant 0.12  
## 225 >128 Resistant 0.12  
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## 229 32 Resistant 0.06  
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## 231 32 Resistant 0.03  
## 232 64 Resistant 0.06  
## 233 64 Resistant 0.12  
## 234 32 Resistant <=0.015  
## 235 128 Resistant 0.03  
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## 249 64 Resistant 0.12  
## 250 64 Resistant 0.03  
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## 254 32 Resistant 0.06  
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## 260 64 Resistant 0.12  
## 261 >128 Resistant 1  
## 262 32 Resistant 0.03  
## 263 128 Resistant 0.12  
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## 265 16 Resistant 0.06  
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## 269 64 Resistant 0.12  
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## 272 64 Resistant 0.06  
## 273 64 Resistant 0.06  
## 274 16 Resistant 0.12  
## 275 64 Resistant 0.03  
## 276 16 Resistant 0.06  
## 277   
## 278 128 Resistant 0.12  
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## 281 16 Resistant 0.12  
## 282 128 Resistant 0.12  
## 283 16 Resistant 0.06  
## 284 64 Resistant 0.12  
## 285 16 Resistant 0.03  
## 286 32 Resistant 0.12  
## 287 32 Resistant 0.06  
## 288 8 Intermediate 0.12  
## 289 64 Resistant 0.06  
## 290 128 Resistant 0.12  
## 291 64 Resistant 0.06  
## 292 64 Resistant 0.06  
## 293 32 Resistant 0.06  
## 294 64 Resistant 0.06  
## 295 32 Resistant 0.06  
## 296 64 Resistant 0.06  
## 297 128 Resistant 0.06  
## 298 32 Resistant 0.06  
## 299 64 Resistant 0.12  
## 300 16 Resistant 0.06  
## 301 64 Resistant 0.06  
## 302 64 Resistant 0.12  
## 303 32 Resistant 0.03  
## 304 64 Resistant 0.06  
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## 316 64 Resistant 0.03  
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## 323 64 Resistant 0.12  
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## 337 64 Resistant 0.06  
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## 341 128 Resistant 0.06  
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## 343 32 Resistant 0.06  
## 344 128 Resistant 0.12  
## 345 16 Resistant 0.03  
## 346 64 Resistant 0.06  
## 347 32 Resistant 0.03  
## 348 128 Resistant 0.06  
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## 350 16 Resistant 0.06  
## 351 128 Resistant 0.06  
## 352 32 Resistant 0.03  
## 353 128 Resistant 0.06  
## 354 16 Resistant <=0.015  
## 355 64 Resistant 0.03  
## 356 16 Resistant 0.03  
## 357 128 Resistant 0.12  
## 358 64 Resistant 0.06  
## 359 128 Resistant 0.12  
## 360 128 Resistant 0.12  
## 361 128 Resistant 0.12  
## 362 128 Resistant 0.25  
## 363 128 Resistant 0.12  
## 364 32 Resistant 0.06  
## 365 128 Resistant 0.12  
## 366 64 Resistant 0.06  
## 367 128 Resistant 0.06  
## 368 8 Intermediate 0.06  
## 369 128 Resistant 0.12  
## 370 32 Resistant 0.06  
## 371 16 Resistant 0.06  
## 372 16 Resistant 0.03  
## 373 0.5 Susceptible 0.12  
## 374 32 Resistant 0.06  
## 375 128 Resistant 0.12  
## 376 4 Susceptible 0.03  
## 377 8 Intermediate 0.06  
## 378 16 Resistant 0.03  
## 379 64 Resistant <=0.015  
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## 381 128 Resistant 0.06  
## 382 4 Susceptible 0.03  
## 383 16 Resistant 0.03  
## 384 4 Susceptible 4  
## 385 4 Susceptible 0.03  
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## 388 16 Resistant 0.03  
## 389 64 Resistant 0.12  
## 390 64 Resistant 0.12  
## 391 64 Resistant 0.06  
## 392 64 Resistant 0.03  
## 393 32 Resistant 0.12  
## 394 32 Resistant 0.12  
## 395 128 Resistant 0.12  
## 396 8 Intermediate 0.12  
## 397 64 Resistant 0.12  
## 398 128 Resistant 0.12  
## 399 4 Susceptible 0.03  
## 400 32 Resistant 0.06  
## 401 32 Resistant 0.12  
## 402 4 Susceptible 0.12  
## 403 64 Resistant 0.12  
## 404 128 Resistant <=0.015  
## 405 4 Susceptible 0.06  
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## 410 32 Resistant 0.03  
## 411 8 Intermediate 0.03  
## 412 64 Resistant 0.12  
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## 414 64 Resistant 0.03  
## 415 128 Resistant 0.12  
## 416 8 Intermediate 0.03  
## 417 128 Resistant 0.03  
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## 419 32 Resistant 0.03  
## 420 >128 Resistant 0.25  
## 421 64 Resistant 0.06  
## 422 128 Resistant 0.12  
## 423 128 Resistant 0.06  
## 424 >128 Resistant 0.12  
## 425 >128 Resistant 0.12  
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## 427 64 Resistant 0.03  
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## 455 >128 Resistant 0.12  
## 456 64 Resistant 0.12  
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## 467 32 Resistant 0.03  
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## 469 >128 Resistant 0.06  
## 470 64 Resistant 0.03  
## 471 64 Resistant 0.03  
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## 474 128 Resistant 0.12  
## 475 >128 Resistant 0.12  
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## 477 >128 Resistant 0.06  
## 478 >128 Resistant 0.25  
## 479 64 Resistant 0.06  
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## 484   
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## 486 >128 Resistant 0.06  
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## 492 64 Resistant 0.06  
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## 494 128 Resistant 0.25  
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## 499 128 Resistant 0.06  
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## 517 >128 Resistant 8  
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## 520 32 Resistant 32 Resistant 0.06  
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## 522 16 Intermediate 64 Resistant 0.06  
## 523 16 Intermediate 32 Resistant 0.12  
## 524 32 Resistant 128 Resistant 0.06  
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## 526 64 Resistant 64 Resistant 0.12  
## 527 64 Resistant 32 Resistant 0.06  
## 528 32 Resistant 32 Resistant 0.06  
## 529 32 Resistant 32 Resistant 0.06  
## 530 32 Resistant 4 Susceptible 0.25  
## 531 64 Resistant 128 Resistant 0.06  
## 532 32 Resistant 32 Resistant 0.03  
## 533 64 Resistant 32 Resistant 0.06  
## 534 16 Intermediate 4 Susceptible 0.03  
## 535 64 Resistant 64 Resistant 0.06  
## 536 8 Susceptible 4 Susceptible 0.06  
## 537 32 Resistant 4 Susceptible 0.12  
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## 539 32 Resistant 8 Intermediate 0.06  
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## 542 64 Resistant 128 Resistant 0.12  
## 543 64 Resistant 64 Resistant 0.03  
## 544 32 Resistant 16 Resistant 0.03  
## 545 >64 Resistant 128 Resistant 0.25  
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## 547 64 Resistant 32 Resistant 0.06  
## 548 64 Resistant 32 Resistant 0.03  
## 549 32 Resistant 64 Resistant 0.03  
## 550 64 Resistant 128 Resistant 0.12  
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## 552 >64 Resistant 128 Resistant 0.12  
## 553 >64 Resistant >128 Resistant 0.06  
## 554 >64 Resistant 128 Resistant 0.12  
## 555 64 Resistant 32 Resistant 0.06  
## 556 16 Intermediate 32 Resistant 0.06  
## 557 >64 Resistant 32 Resistant 0.12  
## 558 >64 Resistant >128 Resistant 0.12  
## 559 32 Resistant 16 Resistant 0.03  
## 560 >64 Resistant 128 Resistant 0.12  
## 561 >64 Resistant 64 Resistant 0.12  
## 562 64 Resistant 128 Resistant 0.06  
## 563 >64 Resistant 64 Resistant 0.06  
## 564 >64 Resistant 64 Resistant 0.12  
## 565 32 Resistant 64 Resistant 0.06  
## 566 64 Resistant 128 Resistant 0.06  
## 567 16 Intermediate 32 Resistant 0.06  
## 568 32 Resistant 32 Resistant 0.06  
## 569 32 Resistant 64 Resistant 0.06  
## 570 >64 Resistant >128 Resistant 4  
## 571 32 Resistant 64 Resistant 0.06  
## 572 >64 Resistant 128 Resistant 0.12  
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## 574 >64 Resistant >128 Resistant 0.5  
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## 576 >64 Resistant >128 Resistant 1  
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## 578 32 Resistant 32 Resistant 0.06  
## 579 64 Resistant 32 Resistant 0.06  
## 580 >64 Resistant 128 Resistant 0.12  
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## 582 32 Resistant 16 Resistant 0.03  
## 583 64 Resistant 16 Resistant 0.06  
## 584 >64 Resistant 32 Resistant 0.06  
## 585 >64 Resistant >128 Resistant 1  
## 586 >64 Resistant 64 Resistant 0.06  
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## 589 64 Resistant 64 Resistant 0.06  
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## 592 32 Resistant 16 Resistant 0.06  
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## 594 32 Resistant 128 Resistant 0.03  
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## 597 32 Resistant 16 Resistant 0.06  
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## 599 >64 Resistant 128 Resistant 0.06  
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## 602 64 Resistant 128 Resistant 0.12  
## 603 >64 Resistant 32 Resistant 0.03  
## 604 >64 Resistant >128 Resistant 0.5  
## 605 >64 Resistant >128 Resistant 1  
## 606 >64 Resistant >128 Resistant 1  
## 607 16 Intermediate 32 Resistant 0.03  
## 608 32 Resistant 32 Resistant 0.03  
## 609 16 Intermediate 32 Resistant <=0.015  
## 610 >64 Resistant >128 Resistant 1  
## 611 16 Intermediate 32 Resistant 0.03  
## 612 8 Susceptible 8 Intermediate 0.03  
## 613 >64 Resistant >128 Resistant 1  
## 614 >64 Resistant 32 Resistant 0.03  
## 615 32 Resistant 8 Intermediate <=0.015  
## 616 32 Resistant 8 Intermediate 0.03  
## 617 64 Resistant 32 Resistant 0.06  
## 618 >64 Resistant >128 Resistant 1  
## 619 32 Resistant 32 Resistant <=0.015  
## 620 >64 Resistant >128 Resistant 1  
## 621 64 Resistant >128 Resistant 1  
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## 625 64 Resistant 64 Resistant 0.06  
## 626 64 Resistant 128 Resistant 0.12  
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## 629 64 Resistant 128 Resistant 0.12  
## 630 >64 Resistant >128 Resistant 1  
## 631 >64 Resistant >128 Resistant 1  
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## 636 64 Resistant 128 Resistant 0.12  
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## 638 32 Resistant 32 Resistant 0.03  
## 639 16 Intermediate 64 Resistant 0.06  
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## 642 32 Resistant 64 Resistant 0.12  
## 643 32 Resistant 64 Resistant 0.06  
## 644 32 Resistant 32 Resistant 0.03  
## 645 >64 Resistant 128 Resistant 0.12  
## 646 32 Resistant 64 Resistant 0.06  
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## 648 64 Resistant 32 Resistant 0.06  
## 649 >64 Resistant 32 Resistant 0.12  
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## 652 >64 Resistant 64 Resistant 0.06  
## 653 64 Resistant 64 Resistant 0.06  
## 654 64 Resistant 128 Resistant 0.12  
## 655 8 Susceptible 8 Intermediate 0.03  
## 656 >64 Resistant 128 Resistant 0.25  
## 657 32 Resistant 8 Intermediate 0.03  
## 658 64 Resistant >128 Resistant 0.12  
## 659 >64 Resistant 128 Resistant 0.25  
## 660 32 Resistant 64 Resistant 0.03  
## 661 32 Resistant 32 Resistant 0.06  
## 662 64 Resistant 32 Resistant 0.06  
## 663 32 Resistant 128 Resistant 0.12  
## 664 >64 Resistant 128 Resistant 0.25  
## 665 >64 Resistant 32 Resistant 0.03  
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## 667 16 Intermediate 32 Resistant 0.06  
## 668 32 Resistant 64 Resistant 0.06  
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## 670 64 Resistant 64 Resistant 0.06  
## 671 64 Resistant 64 Resistant 0.06  
## 672 32 Resistant 64 Resistant 0.06  
## 673 64 Resistant 16 Resistant 4  
## 674 >64 Resistant 128 Resistant 0.12  
## 675 >64 Resistant 64 Resistant 0.06  
## 676 >64 Resistant 128 Resistant 0.25  
## 677 >64 Resistant 128 Resistant 0.25  
## 678 >64 Resistant 128 Resistant 0.25  
## 679 >64 Resistant 128 Resistant 0.25  
## 680 >64 Resistant 128 Resistant 0.12  
## 681 >64 Resistant 128 Resistant 0.25  
## 682 >64 Resistant 128 Resistant 0.25  
## 683 >64 Resistant 128 Resistant 0.12  
## 684 64 Resistant 128 Resistant 0.12  
## 685 8 Susceptible 8 Intermediate 0.03  
## 686 16 Intermediate 8 Intermediate 0.06  
## 687 16 Intermediate 2 Susceptible 0.03  
## 688 32 Resistant 16 Resistant 0.03  
## 689 32 Resistant 128 Resistant 0.12  
## 690 64 Resistant 16 Resistant 0.06  
## 691 32 Resistant 32 Resistant 0.06  
## 692 8 Susceptible 8 Intermediate 0.06  
## 693 32 Resistant 64 Resistant 0.06  
## 694 8 Susceptible 16 Resistant 0.06  
## 695 32 Resistant 4 Susceptible 0.03  
## 696 8 Susceptible 16 Resistant 0.12  
## 697 32 Resistant 32 Resistant 0.06  
## 698 32 Resistant 32 Resistant 0.06  
## 699 32 Resistant 32 Resistant 0.06  
## 700 16 Intermediate 16 Resistant 0.06  
## 701 32 Resistant 4 Susceptible 0.06  
## 702 64 Resistant 128 Resistant 0.12  
## 703 32 Resistant 32 Resistant 0.12  
## 704 >64 Resistant 32 Resistant 0.06  
## 705 >64 Resistant 32 Resistant 0.03  
## 706 64 Resistant 64 Resistant 0.12  
## 707 >64 Resistant >128 Resistant 0.12  
## 708 16 Intermediate 64 Resistant 0.03  
## 709 64 Resistant 64 Resistant 0.03  
## 710 64 Resistant 64 Resistant 0.06  
## 711 32 Resistant 64 Resistant 0.06  
## 712 32 Resistant 32 Resistant 0.03  
## 713 64 Resistant >128 Resistant 0.25  
## 714 32 Resistant 32 Resistant 0.03  
## 715 >64 Resistant 16 Resistant 0.12  
## 716 >64 Resistant 64 Resistant 0.12  
## 717 32 Resistant 32 Resistant 0.03  
## 718 32 Resistant 32 Resistant 0.06  
## 719 64 Resistant 32 Resistant 0.06  
## 720 64 Resistant 32 Resistant 0.12  
## 721 64 Resistant 64 Resistant 0.06  
## 722 >64 Resistant 32 Resistant 0.06  
## 723 64 Resistant 32 Resistant 0.06  
## 724 64 Resistant 64 Resistant 0.06  
## 725 64 Resistant 64 Resistant 0.06  
## 726 64 Resistant 32 Resistant 0.03  
## 727 32 Resistant 32 Resistant 0.06  
## 728 64 Resistant 32 Resistant 0.03  
## 729 16 Intermediate 32 Resistant 0.03  
## 730 64 Resistant 32 Resistant 0.06  
## 731 64 Resistant 32 Resistant 0.03  
## 732 64 Resistant >128 Resistant 0.25  
## 733 64 Resistant 128 Resistant 0.25  
## 734 64 Resistant 32 Resistant 0.03  
## 735 32 Resistant 32 Resistant 0.03  
## 736 64 Resistant 32 Resistant 0.03  
## 737 >64 Resistant 32 Resistant 0.03  
## 738 >64 Resistant 128 Resistant 0.06  
## 739 >64 Resistant 128 Resistant 0.25  
## 740 >64 Resistant 64 Resistant 0.06  
## 741 32 Resistant 32 Resistant <=0.015  
## 742 64 Resistant 16 Resistant 0.03  
## 743 32 Resistant 16 Resistant 0.03  
## 744 32 Resistant 64 Resistant 0.03  
## 745 16 Intermediate 32 Resistant 0.06  
## 746 64 Resistant 128 Resistant 0.06  
## 747 64 Resistant 64 Resistant <=0.015  
## 748 16 Intermediate 16 Resistant <=0.015  
## 749 32 Resistant 16 Resistant 0.03  
## 750 32 Resistant 32 Resistant 0.03  
## 751 64 Resistant 32 Resistant 0.06  
## 752 32 Resistant 16 Resistant <=0.015  
## 753 >64 Resistant 32 Resistant 0.03  
## 754 32 Resistant 16 Resistant 0.06  
## 755 32 Resistant 64 Resistant 0.03  
## 756 64 Resistant 16 Resistant 0.03  
## 757 >64 Resistant >128 Resistant 2  
## 758 >64 Resistant >128 Resistant 0.2500  
## 759 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 760 16.0000 Intermediate 4.0000 Susceptible 0.0300  
## 761 4.0000 Susceptible 8.0000 Intermediate 0.0300  
## 762 16.0000 Intermediate 128.0000 Resistant <=0.015  
## 763 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 764 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 765 4.0000 Susceptible 32.0000 Resistant 0.0600  
## 766 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 767 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 768 >64 Resistant 128.0000 Resistant 0.2500  
## 769 8.0000 Susceptible 8.0000 Intermediate 0.0600  
## 770 16.0000 Intermediate 2.0000 Susceptible 0.0300  
## 771 8.0000 Susceptible 16.0000 Resistant 0.0300  
## 772 2.0000 Susceptible 4.0000 Susceptible 0.0300  
## 773 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 774 8.0000 Susceptible 2.0000 Susceptible 0.0600  
## 775 >64 Resistant 64.0000 Resistant 0.1200  
## 776 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 777 16.0000 Intermediate 8.0000 Intermediate 0.0300  
## 778 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 779 16.0000 Intermediate 128.0000 Resistant 0.0600  
## 780 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 781 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 782 32.0000 Resistant 64.0000 Resistant 0.1200  
## 783 64.0000 Resistant 64.0000 Resistant 0.0600  
## 784 64.0000 Resistant 128.0000 Resistant 0.5000  
## 785 >64 Resistant 16.0000 Resistant 0.0300  
## 786 >64 Resistant 64.0000 Resistant 0.1200  
## 787 32.0000 Resistant 64.0000 Resistant 0.1200  
## 788 64.0000 Resistant 64.0000 Resistant 0.0300  
## 789 32.0000 Resistant 64.0000 Resistant 0.0600  
## 790 32.0000 Resistant 32.0000 Resistant 0.0300  
## 791 32.0000 Resistant 32.0000 Resistant 0.0600  
## 792 64.0000 Resistant 32.0000 Resistant 0.1200  
## 793 64.0000 Resistant 128.0000 Resistant 0.0600  
## 794 32.0000 Resistant 32.0000 Resistant 0.0600  
## 795 >64 Resistant 128.0000 Resistant 0.1200  
## 796 32.0000 Resistant 64.0000 Resistant 0.0600  
## 797 >64 Resistant >128 Resistant 2.0000  
## 798 64.0000 Resistant 64.0000 Resistant 0.1200  
## 799 8.0000 Susceptible 16.0000 Resistant 0.0600  
## 800 32.0000 Resistant 64.0000 Resistant 0.0600  
## 801 64.0000 Resistant 16.0000 Resistant 0.0300  
## 802 32.0000 Resistant 64.0000 Resistant 0.0600  
## 803 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 804 32.0000 Resistant 32.0000 Resistant 0.0300  
## 805 32.0000 Resistant 32.0000 Resistant 0.0300  
## 806 32.0000 Resistant 16.0000 Resistant 0.0600  
## 807 >64 Resistant >128 Resistant 2.0000  
## 808 >64 Resistant 128.0000 Resistant 0.1200  
## 809 32.0000 Resistant 32.0000 Resistant 0.0300  
## 810 32.0000 Resistant 64.0000 Resistant 0.1200  
## 811 >64 Resistant 64.0000 Resistant 0.1200  
## 812 64.0000 Resistant 64.0000 Resistant 0.1200  
## 813 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 814 8.0000 Susceptible 8.0000 Intermediate <=0.015  
## 815 64.0000 Resistant 128.0000 Resistant 0.2500  
## 816 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 817 >64 Resistant 128.0000 Resistant 0.2500  
## 818 32.0000 Resistant 128.0000 Resistant 0.1200  
## 819 32.0000 Resistant 128.0000 Resistant 0.1200  
## 820 8.0000 Susceptible 64.0000 Resistant <=0.015  
## 821 >64 Resistant 128.0000 Resistant 0.0600  
## 822 64.0000 Resistant 128.0000 Resistant 0.1200  
## 823 16.0000 Intermediate 64.0000 Resistant <=0.015  
## 824 >64 Resistant 128.0000 Resistant 0.1200  
## 825 >64 Resistant 32.0000 Resistant 0.0600  
## 826 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 827 >64 Resistant 64.0000 Resistant 0.0600  
## 828 64.0000 Resistant 128.0000 Resistant 0.2500  
## 829 >64 Resistant 64.0000 Resistant 0.1200  
## 830 64.0000 Resistant 128.0000 Resistant 0.2500  
## 831 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 832 64.0000 Resistant 64.0000 Resistant 0.0600  
## 833 >64 Resistant 128.0000 Resistant 0.0600  
## 834 32.0000 Resistant 32.0000 Resistant 0.0600  
## 835 16.0000 Intermediate 32.0000 Resistant 0.1200  
## 836 >64 Resistant 64.0000 Resistant 0.1200  
## 837 >64 Resistant 128.0000 Resistant 0.2500  
## 838 >64 Resistant 128.0000 Resistant 0.2500  
## 839 >64 Resistant 128.0000 Resistant 0.1200  
## 840 32.0000 Resistant 64.0000 Resistant <=0.015  
## 841 4.0000 Susceptible 4.0000 Susceptible 0.0300  
## 842 32.0000 Resistant 32.0000 Resistant 0.1200  
## 843 16.0000 Intermediate 32.0000 Resistant <=0.015  
## 844 64.0000 Resistant 16.0000 Resistant <=0.015  
## 845 >64 Resistant 128.0000 Resistant 0.2500  
## 846 16.0000 Intermediate 8.0000 Intermediate 0.0300  
## 847 16.0000 Intermediate 64.0000 Resistant <=0.015  
## 848 >64 Resistant 128.0000 Resistant 0.2500  
## 849 >64 Resistant 0.1200 Susceptible 0.0600  
## 850 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 851 32.0000 Resistant 128.0000 Resistant 0.0600  
## 852 16.0000 Intermediate 8.0000 Intermediate <=0.015  
## 853 32.0000 Resistant 32.0000 Resistant 0.0300  
## 854 >64 Resistant 1.0000 Susceptible 0.0600  
## 855 64.0000 Resistant 128.0000 Resistant 0.1200  
## 856 64.0000 Resistant 128.0000 Resistant 0.0600  
## 857 32.0000 Resistant 64.0000 Resistant 0.0300  
## 858 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 859 32.0000 Resistant 64.0000 Resistant 0.0300  
## 860 >64 Resistant 32.0000 Resistant 0.0300  
## 861 64.0000 Resistant 64.0000 Resistant 0.0600  
## 862 >64 Resistant 128.0000 Resistant 0.2500  
## 863 >64 Resistant 128.0000 Resistant 0.1200  
## 864 32.0000 Resistant 64.0000 Resistant 0.0300  
## 865 >64 Resistant 32.0000 Resistant 0.0300  
## 866 32.0000 Resistant 64.0000 Resistant 0.0600  
## 867 32.0000 Resistant 64.0000 Resistant 0.0600  
## 868 >64 Resistant >128 Resistant 0.2500  
## 869 64.0000 Resistant 64.0000 Resistant 0.1200  
## 870 >64 Resistant 64.0000 Resistant 0.1200  
## 871 32.0000 Resistant 2.0000 Susceptible 0.0300  
## 872 32.0000 Resistant 4.0000 Susceptible 0.0300  
## 873 16.0000 Intermediate 2.0000 Susceptible 0.0300  
## 874 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 875 32.0000 Resistant 64.0000 Resistant 0.0300  
## 876 64.0000 Resistant 16.0000 Resistant 0.0600  
## 877 32.0000 Resistant 32.0000 Resistant 0.0600  
## 878 4.0000 Susceptible 4.0000 Susceptible 0.0300  
## 879 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 880 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 881 >64 Resistant 128.0000 Resistant 0.5000  
## 882 32.0000 Resistant 16.0000 Resistant 0.0300  
## 883 >64 Resistant 128.0000 Resistant 0.1200  
## 884 8.0000 Susceptible 16.0000 Resistant 0.0300  
## 885 32.0000 Resistant 16.0000 Resistant <=0.015  
## 886 8.0000 Susceptible 4.0000 Susceptible 0.0300  
## 887 8.0000 Susceptible 8.0000 Intermediate 0.0600  
## 888 >64 Resistant 128.0000 Resistant 0.2500  
## 889 64.0000 Resistant 64.0000 Resistant 0.1200  
## 890 >64 Resistant >128 Resistant 2.0000  
## 891 >64 Resistant >128 Resistant 2.0000  
## 892 64.0000 Resistant 64.0000 Resistant 0.2500  
## 893 >64 Resistant 64.0000 Resistant 0.0600  
## 894 >64 Resistant 64.0000 Resistant 0.0600  
## 895 >64 Resistant 128.0000 Resistant 0.1200  
## 896 >64 Resistant 64.0000 Resistant 0.1200  
## 897 32.0000 Resistant 64.0000 Resistant 0.0600  
## 898 >64 Resistant 64.0000 Resistant 0.0600  
## 899 32.0000 Resistant 64.0000 Resistant 0.0600  
## 900 >64 Resistant 64.0000 Resistant 0.0600  
## 901 32.0000 Resistant 64.0000 Resistant 0.0600  
## 902 >64 Resistant 64.0000 Resistant 0.0600  
## 903 32.0000 Resistant 64.0000 Resistant 0.0600  
## 904 8.0000 Susceptible 64.0000 Resistant 0.2500  
## 905 16.0000 Intermediate 16.0000 Resistant 0.0300  
## 906 8.0000 Susceptible 64.0000 Resistant 0.0600  
## 907 32.0000 Resistant 128.0000 Resistant 0.1200  
## 908 8.0000 Susceptible 64.0000 Resistant 0.0600  
## 909 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 910 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 911 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 912 64.0000 Resistant 16.0000 Resistant 0.0600  
## 913 32.0000 Resistant 128.0000 Resistant 0.0600  
## 914 64.0000 Resistant 64.0000 Resistant 0.0600  
## 915 64.0000 Resistant >128 Resistant 1.0000  
## 916 >64 Resistant >128 Resistant 2.0000  
## 917 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 918 >64 Resistant 128.0000 Resistant 0.5000  
## 919 32.0000 Resistant >128 Resistant 0.5000  
## 920 8.0000 Susceptible 32.0000 Resistant 0.0600  
## 921 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 922 64.0000 Resistant 16.0000 Resistant 0.0300  
## 923 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 924 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 925 >64 Resistant 64.0000 Resistant 0.0600  
## 926 32.0000 Resistant 128.0000 Resistant 0.0600  
## 927 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 928 32.0000 Resistant 32.0000 Resistant 0.0600  
## 929 >64 Resistant 128.0000 Resistant 0.1200  
## 930 >64 Resistant 0.1200 Susceptible 0.1200  
## 931 >64 Resistant 128.0000 Resistant 0.1200  
## 932 >64 Resistant 64.0000 Resistant 0.0600  
## 933 32.0000 Resistant 32.0000 Resistant 0.0600  
## 934 32.0000 Resistant 64.0000 Resistant 0.0600  
## 935 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 936 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 937 >64 Resistant 128.0000 Resistant 0.1200  
## 938 32.0000 Resistant 32.0000 Resistant 0.0300  
## 939 16.0000 Intermediate 32.0000 Resistant 0.1200  
## 940 32.0000 Resistant 64.0000 Resistant 0.1200  
## 941 32.0000 Resistant 128.0000 Resistant 0.1200  
## 942 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 943 32.0000 Resistant 128.0000 Resistant <=0.015  
## 944 >64 Resistant 64.0000 Resistant 0.0300  
## 945 32.0000 Resistant 64.0000 Resistant 0.0300  
## 946 32.0000 Resistant 64.0000 Resistant 0.0600  
## 947 32.0000 Resistant 128.0000 Resistant 0.1200  
## 948 >64 Resistant 128.0000 Resistant 0.2500  
## 949 >64 Resistant >128 Resistant 0.1200  
## 950 4.0000 Susceptible 32.0000 Resistant 0.0300  
## 951 >64 Resistant >128 Resistant 0.1200  
## 952 32.0000 Resistant 64.0000 Resistant 0.1200  
## 953 32.0000 Resistant 64.0000 Resistant 0.0300  
## 954 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 955 64.0000 Resistant 16.0000 Resistant 0.0300  
## 956 >64 Resistant 128.0000 Resistant 0.1200  
## 957 >64 Resistant 128.0000 Resistant 0.1200  
## 958 32.0000 Resistant 32.0000 Resistant 0.0300  
## 959 64.0000 Resistant 64.0000 Resistant 0.0300  
## 960 64.0000 Resistant 32.0000 Resistant 0.0300  
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## 962 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 963 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 964 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 965 4.0000 Susceptible 8.0000 Intermediate 0.0300  
## 966 >64 Resistant >128 Resistant 0.1200  
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## 969 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 970 4.0000 Susceptible 8.0000 Intermediate 0.0300  
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## 973 16.0000 Intermediate 128.0000 Resistant 0.5000  
## 974 64.0000 Resistant 64.0000 Resistant 0.0600  
## 975 >64 Resistant 128.0000 Resistant 0.1200  
## 976 2.0000 Susceptible 16.0000 Resistant 0.0300  
## 977 32.0000 Resistant 32.0000 Resistant 0.0300  
## 978 8.0000 Susceptible 64.0000 Resistant 0.0300  
## 979 16.0000 Intermediate 64.0000 Resistant 0.1200  
## 980 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 981 64.0000 Resistant 128.0000 Resistant 0.1200  
## 982 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 983 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 984 32.0000 Resistant 32.0000 Resistant 0.0600  
## 985 64.0000 Resistant >128 Resistant 1.0000  
## 986 32.0000 Resistant 128.0000 Resistant 0.0300  
## 987 32.0000 Resistant 64.0000 Resistant 0.0300  
## 988 64.0000 Resistant 32.0000 Resistant 0.0600  
## 989 32.0000 Resistant 64.0000 Resistant 0.0600  
## 990 64.0000 Resistant >128 Resistant 8.0000  
## 991 64.0000 Resistant 64.0000 Resistant 0.0600  
## 992 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 993 16.0000 Intermediate 4.0000 Susceptible 0.0600  
## 994 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 995 >64 Resistant 64.0000 Resistant 0.2500  
## 996 32.0000 Resistant 64.0000 Resistant 0.1200  
## 997 2.0000 Susceptible 8.0000 Intermediate 0.0300  
## 998 >64 Resistant >128 Resistant 0.2500  
## 999 >64 Resistant >128 Resistant 0.1200  
## 1000 >64 Resistant 128.0000 Resistant 0.2500  
## 1001 >64 Resistant 64.0000 Resistant 0.0600  
## 1002 8.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1003 8.0000 Susceptible 16.0000 Resistant 0.0300  
## 1004 64.0000 Resistant 128.0000 Resistant 0.1200  
## 1005 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1006 8.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1007 16.0000 Intermediate 16.0000 Resistant <=0.015  
## 1008 16.0000 Intermediate 128.0000 Resistant 0.0300  
## 1009 16.0000 Intermediate 16.0000 Resistant 0.0300  
## 1010 2.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1011 >64 Resistant >128 Resistant 0.5000  
## 1012 64.0000 Resistant >128 Resistant 0.2500  
## 1013 32.0000 Resistant 128.0000 Resistant 0.1200  
## 1014 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 1015 >64 Resistant >128 Resistant 0.2500  
## 1016 >64 Resistant 128.0000 Resistant 0.1200  
## 1017 16.0000 Intermediate 64.0000 Resistant 0.1200  
## 1018 16.0000 Intermediate 16.0000 Resistant <=0.015  
## 1019 >64 Resistant 128.0000 Resistant 0.2500  
## 1020 32.0000 Resistant 128.0000 Resistant 0.1200  
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## 1022 16.0000 Intermediate 16.0000 Resistant <=0.015  
## 1023 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1024 >64 Resistant 64.0000 Resistant 0.2500  
## 1025 64.0000 Resistant 128.0000 Resistant 0.1200  
## 1026 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1027 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1028 >64 Resistant 64.0000 Resistant 0.0600  
## 1029 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1030 16.0000 Intermediate 64.0000 Resistant 0.1200  
## 1031 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1032 >64 Resistant 128.0000 Resistant 0.1200  
## 1033 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1034 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1035 >64 Resistant 64.0000 Resistant 0.1200  
## 1036 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1037 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 1038 >32 Resistant 32.0000 Resistant 0.0300  
## 1039 8.0000 Susceptible 32.0000 Resistant 0.0600  
## 1040 32.0000 Resistant >64 Resistant 0.1200  
## 1041 >32 Resistant >64 Resistant 1.0000  
## 1042 >32 Resistant >64 Resistant 0.1200  
## 1043 >32 Resistant >64 Resistant 1.0000  
## 1044 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1045 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1046 >32 Resistant 64.0000 Resistant 0.0600  
## 1047 32.0000 Resistant >64 Resistant 0.2500  
## 1048 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1049 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1050 >32 Resistant 32.0000 Resistant 0.0300  
## 1051 32.0000 Resistant >64 Resistant 0.0600  
## 1052 16.0000 Intermediate 128.0000 Resistant 0.0600  
## 1053 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1054 64.0000 Resistant 16.0000 Resistant 0.0600  
## 1055 4.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1056 32.0000 Resistant >128 Resistant 0.2500  
## 1057 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 1058 16.0000 Intermediate 16.0000 Resistant 0.0600  
## 1059 16.0000 Intermediate 16.0000 Resistant 0.0300  
## 1060 64.0000 Resistant 16.0000 Resistant 0.1200  
## 1061 32.0000 Resistant 128.0000 Resistant 0.1200  
## 1062 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 1063 64.0000 Resistant 128.0000 Resistant 0.1200  
## 1064 8.0000 Susceptible 32.0000 Resistant 0.0600  
## 1065 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1066 32.0000 Resistant >64 Resistant 0.0600  
## 1067 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1068 8.0000 Susceptible 32.0000 Resistant 0.0600  
## 1069 >32 Resistant 64.0000 Resistant 0.0600  
## 1070 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1071 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1072 >32 Resistant 32.0000 Resistant 0.0600  
## 1073 >32 Resistant >64 Resistant 0.2500  
## 1074 >32 Resistant >64 Resistant 0.2500  
## 1075 >32 Resistant >64 Resistant 0.5000  
## 1076 16.0000 Intermediate >64 Resistant 0.0600  
## 1077 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1078 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1079 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 1080 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 1081 8.0000 Susceptible 16.0000 Resistant 0.0300  
## 1082 32.0000 Resistant >64 Resistant 0.1200  
## 1083 32.0000 Resistant >64 Resistant 0.1200  
## 1084 32.0000 Resistant >64 Resistant 0.1200  
## 1085 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 1086 4.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1087 32.0000 Resistant 32.0000 Resistant <=0.015  
## 1088 >32 Resistant 0.2500 Susceptible 0.1200  
## 1089 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1090 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1091 16.0000 Intermediate 64.0000 Resistant 0.1200  
## 1092 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 1093 >32 Resistant >64 Resistant 0.2500  
## 1094 8.0000 Susceptible 4.0000 Susceptible <=0.015  
## 1095 >32 Resistant 64.0000 Resistant 0.1200  
## 1096 >32 Resistant 32.0000 Resistant 0.0300  
## 1097 >32 Resistant 32.0000 Resistant 0.0600  
## 1098 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1099 32.0000 Resistant >64 Resistant 0.1200  
## 1100 >32 Resistant 64.0000 Resistant 0.0600  
## 1101 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1102 32.0000 Resistant >64 Resistant 0.0600  
## 1103 8.0000 Susceptible 16.0000 Resistant 0.0300  
## 1104 2.0000 Susceptible 4.0000 Susceptible 0.0300  
## 1105 >32 Resistant >64 Resistant 0.0300  
## 1106 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1107 4.0000 Susceptible 8.0000 Intermediate <=0.015  
## 1108 >32 Resistant >64 Resistant 0.5000  
## 1109 32.0000 Resistant 64.0000 Resistant <=0.015  
## 1110 >32 Resistant 64.0000 Resistant 0.0600  
## 1111 16.0000 Intermediate >64 Resistant 0.0600  
## 1112 >32 Resistant >64 Resistant 0.1200  
## 1113 >32 Resistant >64 Resistant 0.2500  
## 1114 >32 Resistant >64 Resistant 0.5000  
## 1115 >32 Resistant >64 Resistant 1.0000  
## 1116 >32 Resistant >64 Resistant 0.1200  
## 1117 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1118 >32 Resistant >64 Resistant 0.1200  
## 1119 >32 Resistant >64 Resistant 1.0000  
## 1120 >32 Resistant >64 Resistant 1.0000  
## 1121 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1122 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1123 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1124 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1125 >32 Resistant 2.0000 Susceptible 0.0300  
## 1126 >32 Resistant 8.0000 Intermediate 0.0600  
## 1127 >32 Resistant 64.0000 Resistant 0.2500  
## 1128 >32 Resistant >64 Resistant 0.2500  
## 1129 >32 Resistant 64.0000 Resistant 0.2500  
## 1130 >32 Resistant >64 Resistant 0.2500  
## 1131 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1132 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1133 16.0000 Intermediate 16.0000 Resistant <=0.015  
## 1134 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1135 >32 Resistant 64.0000 Resistant 0.0600  
## 1136 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1137 16.0000 Intermediate >64 Resistant 0.0600  
## 1138 16.0000 Intermediate 32.0000 Resistant <=0.015  
## 1139 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1140 >32 Resistant >64 Resistant 0.1200  
## 1141 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1142 >32 Resistant >64 Resistant 0.5000  
## 1143 >32 Resistant >64 Resistant 0.1200  
## 1144 >32 Resistant >64 Resistant 0.2500  
## 1145 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1146 16.0000 Intermediate >64 Resistant 0.0600  
## 1147 16.0000 Intermediate >64 Resistant 0.0300  
## 1148 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1149 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1150 8.0000 Susceptible 32.0000 Resistant 0.0600  
## 1151 >32 Resistant 64.0000 Resistant 0.1200  
## 1152 >32 Resistant 64.0000 Resistant 0.0600  
## 1153 32.0000 Resistant >64 Resistant 0.0600  
## 1154 32.0000 Resistant >64 Resistant 0.1200  
## 1155 >32 Resistant 64.0000 Resistant 0.1200  
## 1156 32.0000 Resistant >64 Resistant 0.1200  
## 1157 32.0000 Resistant >64 Resistant 0.1200  
## 1158 32.0000 Resistant >64 Resistant 4.0000  
## 1159 >32 Resistant >64 Resistant 2.0000  
## 1160 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1161 >32 Resistant >64 Resistant 0.5000  
## 1162 8.0000 Susceptible >64 Resistant 0.1200  
## 1163 8.0000 Susceptible 64.0000 Resistant 0.0300  
## 1164 >32 Resistant >64 Resistant 0.0300  
## 1165 8.0000 Susceptible 16.0000 Resistant <=0.015  
## 1166 >32 Resistant >64 Resistant 0.0600  
## 1167 >32 Resistant >64 Resistant 0.2500  
## 1168 >32 Resistant >64 Resistant 0.1200  
## 1169 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1170 >32 Resistant 16.0000 Resistant 0.0300  
## 1171 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1172 >32 Resistant >64 Resistant 0.2500  
## 1173 >32 Resistant >64 Resistant 0.2500  
## 1174 32.0000 Resistant >64 Resistant 0.0600  
## 1175 >32 Resistant >64 Resistant 1.0000  
## 1176 32.0000 Resistant 16.0000 Resistant <=0.015  
## 1177 >32 Resistant >64 Resistant 0.0600  
## 1178 >32 Resistant >64 Resistant 0.2500  
## 1179 >32 Resistant 32.0000 Resistant 0.0600  
## 1180 >32 Resistant >64 Resistant 0.2500  
## 1181 >32 Resistant >64 Resistant 0.1200  
## 1182 >32 Resistant >64 Resistant 0.5000  
## 1183 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1184 >32 Resistant >64 Resistant 0.1200  
## 1185 >32 Resistant >64 Resistant 0.2500  
## 1186 >32 Resistant >64 Resistant 0.2500  
## 1187 32.0000 Resistant 64.0000 Resistant 0.1200  
## 1188 >32 Resistant 64.0000 Resistant 0.2500  
## 1189 >32 Resistant >64 Resistant 0.0600  
## 1190 32.0000 Resistant >64 Resistant 0.2500  
## 1191 32.0000 Resistant >64 Resistant 0.0600  
## 1192 >32 Resistant >64 Resistant 0.2500  
## 1193 >32 Resistant >64 Resistant 0.1200  
## 1194 >32 Resistant >64 Resistant 0.2500  
## 1195 >32 Resistant >64 Resistant 0.2500  
## 1196 >32 Resistant >64 Resistant 0.2500  
## 1197 >32 Resistant >64 Resistant 0.0600  
## 1198 >32 Resistant >64 Resistant 0.5000  
## 1199 >32 Resistant >64 Resistant 0.2500  
## 1200 >32 Resistant >64 Resistant 0.1200  
## 1201 >32 Resistant >64 Resistant 0.1200  
## 1202 32.0000 Resistant >64 Resistant 0.2500  
## 1203 >32 Resistant >64 Resistant 0.1200  
## 1204 32.0000 Resistant 64.0000 Resistant 0.1200  
## 1205 >32 Resistant >64 Resistant 0.2500  
## 1206 >32 Resistant >64 Resistant 0.1200  
## 1207 >32 Resistant >64 Resistant 0.2500  
## 1208 >32 Resistant >64 Resistant 0.1200  
## 1209 >32 Resistant >64 Resistant 0.2500  
## 1210 16.0000 Intermediate 16.0000 Resistant <=0.015  
## 1211 >32 Resistant 64.0000 Resistant 0.0600  
## 1212 >32 Resistant >64 Resistant 0.5000  
## 1213 32.0000 Resistant 64.0000 Resistant 0.1200  
## 1214 >32 Resistant >64 Resistant 0.2500  
## 1215 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1216 >32 Resistant >64 Resistant 0.2500  
## 1217 >32 Resistant >64 Resistant 0.2500  
## 1218 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1219 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1220 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1221 16.0000 Intermediate >64 Resistant 0.0600  
## 1222 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 1223 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1224 8.0000 Susceptible 64.0000 Resistant <=0.015  
## 1225 8.0000 Susceptible 4.0000 Susceptible <=0.015  
## 1226 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1227 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1228 4.0000 Susceptible 32.0000 Resistant <=0.015  
## 1229 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 1230 16.0000 Intermediate 32.0000 Resistant 0.1200  
## 1231 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 1232 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 1233 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1234 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1235 32.0000 Resistant 16.0000 Resistant 0.1200  
## 1236 16.0000 Intermediate 16.0000 Resistant 0.0300  
## 1237 8.0000 Susceptible 16.0000 Resistant 0.1200  
## 1238 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 1239 16.0000 Intermediate 16.0000 Resistant 0.0300  
## 1240 >32 Resistant >64 Resistant 0.1200  
## 1241 >32 Resistant >64 Resistant 0.1200  
## 1242 16.0000 Intermediate 16.0000 Resistant 0.0300  
## 1243 8.0000 Susceptible 8.0000 Intermediate <=0.015  
## 1244 32.0000 Resistant >64 Resistant 1.0000  
## 1245 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1246 16.0000 Intermediate 64.0000 Resistant 0.0600  
## 1247 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 1248 >32 Resistant >64 Resistant 1.0000  
## 1249 32.0000 Resistant 64.0000 Resistant 0.0600  
## 1250 32.0000 Resistant >64 Resistant 0.1200  
## 1251 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 1252 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1253 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1254 32.0000 Resistant >64 Resistant 0.2500  
## 1255 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 1256 4.0000 Susceptible 16.0000 Resistant 0.0300  
## 1257 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 1258 >32 Resistant 64.0000 Resistant 0.0300  
## 1259 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 1260 2.0000 Susceptible 2.0000 Susceptible <=0.015  
## 1261 >32 Resistant >64 Resistant <=0.015  
## 1262 4.0000 Susceptible 32.0000 Resistant 0.0300  
## 1263 16.0000 Intermediate 64.0000 Resistant 0.1200  
## 1264 >32 Resistant 32.0000 Resistant 0.0300  
## 1265 16.0000 Intermediate 16.0000 Resistant 0.0300  
## 1266 4.0000 Susceptible 8.0000 Intermediate 0.0300  
## 1267 >32 Resistant >64 Resistant 0.5000  
## 1268 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 1269 16.0000 Intermediate >64 Resistant 0.0300  
## 1270 >32 Resistant >64 Resistant 0.0600  
## 1271 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 1272 8.0000 Susceptible 16.0000 Resistant 0.0300  
## 1273 32.0000 Resistant 32.0000 Resistant 0.0300  
## 1274 8.0000 Susceptible 64.0000 Resistant 0.0600  
## 1275 8.0000 Susceptible 64.0000 Resistant 0.0600  
## 1276 16.0000 Intermediate 64.0000 Resistant 0.0300  
## 1277 32.0000 Resistant 16.0000 Resistant 0.0300  
## 1278 16.0000 Intermediate 64.0000 Resistant 0.1200  
## 1279 32.0000 Resistant >64 Resistant 0.1200  
## 1280 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1281 32.0000 Resistant 64.0000 Resistant 0.5000  
## 1282 >32 Resistant >64 Resistant 0.1200  
## 1283 >32 Resistant 64.0000 Resistant 0.0600  
## 1284 8.0000 Susceptible >64 Resistant 0.1200  
## 1285 16.0000 Intermediate 32.0000 Resistant 0.0600  
## 1286 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1287 >32 Resistant >64 Resistant 0.2500  
## 1288 >32 Resistant >64 Resistant 0.2500  
## 1289 >32 Resistant >64 Resistant 0.2500  
## 1290 >32 Resistant >64 Resistant 0.2500  
## 1291 32.0000 Resistant 32.0000 Resistant 0.0600  
## 1292 >32 Resistant >64 Resistant 0.2500  
## 1293 >32 Resistant 64.0000 Resistant 0.5000  
## 1294 >32 Resistant >64 Resistant 0.1200  
## 1295 >32 Resistant >64 Resistant 0.2500  
## 1296 16.0000 Intermediate 32.0000 Resistant 0.1200  
## 1297 >32 Resistant >64 Resistant 0.2500  
## 1298 >32 Resistant >64 Resistant 0.2500  
## 1299 >32 Resistant 64.0000 Resistant 0.1200  
## 1300 16.0000 Intermediate 16.0000 Resistant <=0.015  
## 1301 4.0000 Susceptible 8.0000 Intermediate 0.0600  
## 1302 >32 Resistant >64 Resistant 0.2500  
## 1303 >32 Resistant >64 Resistant 0.1200  
## 1304 32.0000 Resistant 64.0000 Resistant 0.0300  
## 1305 32.0000 Resistant 64.0000 Resistant 0.0300  
## 1306 16.0000 Intermediate 32.0000 Resistant 0.0300  
## 1307 8.0000 Susceptible 2.0000 Susceptible 0.0600  
## 1308 8.0000 Susceptible 4.0000 Susceptible <=0.015  
## 1309 8.0000 Susceptible 64.0000 Resistant 0.0600  
## 1310 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 1311 8.0000 Susceptible 32.0000 Resistant 0.0300  
## 1312 8.0000 Susceptible 64.0000 Resistant 0.0600  
## 1313 8.0000 Susceptible 64.0000 Resistant 0.0600  
## 1314 8.0000 Susceptible 64.0000 Resistant 0.0300  
## 1315 4.0000 Susceptible 16.0000 Resistant 0.0300  
## Ceftaroline Ceftaroline\_I Ceftaroline.avibactam Ceftazidime.avibactam Ceftazidime.avibactam\_I  
## 1 >128 Resistant 0.12 0.25 Susceptible  
## 2 >128 Resistant 0.06 0.25 Susceptible  
## 3 >128 Resistant 0.03 0.06 Susceptible  
## 4 >128 Resistant 0.06 0.12 Susceptible  
## 5 >128 Resistant 0.06 0.12 Susceptible  
## 6 >128 Resistant 0.12 0.25 Susceptible  
## 7 >128 Resistant 0.06 0.12 Susceptible  
## 8 >128 Resistant 0.06 0.25 Susceptible  
## 9 >128 Resistant 0.06 0.25 Susceptible  
## 10 >128 Resistant 0.12 0.25 Susceptible  
## 11 >128 Resistant 0.03 0.12 Susceptible  
## 12 >128 Resistant 0.03 0.12 Susceptible  
## 13 >128 Resistant 0.12 0.5 Susceptible  
## 14 >128 Resistant 0.06 0.25 Susceptible  
## 15 >128 Resistant 0.12 0.25 Susceptible  
## 16 >128 Resistant 0.12 0.25 Susceptible  
## 17 >128 Resistant 0.06 0.25 Susceptible  
## 18 >128 Resistant 0.06 0.25 Susceptible  
## 19 >128 Resistant 0.12 0.25 Susceptible  
## 20 >128 Resistant 0.03 0.12 Susceptible  
## 21 >128 Resistant 0.06 0.12 Susceptible  
## 22 >128 Resistant 0.06 0.12 Susceptible  
## 23 >128 Resistant 0.06 0.5 Susceptible  
## 24 >128 Resistant 0.12 0.12 Susceptible  
## 25 >128 Resistant 0.06 0.12 Susceptible  
## 26 >128 Resistant 0.12 0.25 Susceptible  
## 27 >128 Resistant 0.12 0.5 Susceptible  
## 28 >128 Resistant 0.25 1 Susceptible  
## 29 >128 Resistant 0.5 0.5 Susceptible  
## 30 >128 Resistant 0.25 0.12 Susceptible  
## 31 >128 Resistant 32 64 Resistant  
## 32 >128 Resistant 0.25 1 Susceptible  
## 33 >128 Resistant 0.12 0.25 Susceptible  
## 34 16 Resistant 0.12 0.5 Susceptible  
## 35 >128 Resistant 0.06 0.12 Susceptible  
## 36 >128 Resistant 0.06 0.12 Susceptible  
## 37 >128 Resistant 0.06 0.25 Susceptible  
## 38 >128 Resistant 128 >128 Resistant  
## 39 >128 Resistant 0.12 0.25 Susceptible  
## 40 >128 Resistant 0.12 0.25 Susceptible  
## 41 >128 Resistant 0.06 0.12 Susceptible  
## 42 >128 Resistant 0.06 0.5 Susceptible  
## 43 >128 Resistant 0.12 0.5 Susceptible  
## 44 >128 Resistant 0.06 0.25 Susceptible  
## 45 >128 Resistant 0.06 0.12 Susceptible  
## 46 >128 Resistant 0.5 0.12 Susceptible  
## 47 >128 Resistant 0.06 0.25 Susceptible  
## 48 >128 Resistant 2 4 Susceptible  
## 49 >128 Resistant 0.06 0.5 Susceptible  
## 50 >128 Resistant 0.06 0.25 Susceptible  
## 51 >128 Resistant 0.03 0.12 Susceptible  
## 52 >128 Resistant 0.06 0.25 Susceptible  
## 53 >128 Resistant 0.12 0.25 Susceptible  
## 54 >128 Resistant 0.06 0.12 Susceptible  
## 55 >128 Resistant 0.12 0.25 Susceptible  
## 56 >128 Resistant 0.03 0.12 Susceptible  
## 57 >128 Resistant 0.06 0.12 Susceptible  
## 58 >128 Resistant 0.12 0.25 Susceptible  
## 59 64 Resistant 0.03 0.06 Susceptible  
## 60 >128 Resistant 0.12 0.25 Susceptible  
## 61 >128 Resistant 0.25 0.25 Susceptible  
## 62 >128 Resistant 0.03 0.12 Susceptible  
## 63 >128 Resistant 0.03 0.12 Susceptible  
## 64 >128 Resistant 0.06 0.25 Susceptible  
## 65 >128 Resistant 0.03 0.12 Susceptible  
## 66 >128 Resistant 0.06 0.12 Susceptible  
## 67 >128 Resistant 0.12 0.25 Susceptible  
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## 69 >128 Resistant 0.12 0.25 Susceptible  
## 70 32 Resistant 0.06 0.25 Susceptible  
## 71 >128 Resistant 0.25 0.5 Susceptible  
## 72 >128 Resistant >128 >128 Resistant  
## 73 >128 Resistant 0.06 0.25 Susceptible  
## 74 >128 Resistant 0.12 0.5 Susceptible  
## 75 >128 Resistant 0.12 0.25 Susceptible  
## 76 >128 Resistant 0.06 0.25 Susceptible  
## 77 >128 Resistant 0.12 0.25 Susceptible  
## 78 >128 Resistant 0.12 1 Susceptible  
## 79 64 Resistant 0.06 0.25 Susceptible  
## 80 >128 Resistant 0.12 0.12 Susceptible  
## 81 >128 Resistant 0.06 0.25 Susceptible  
## 82 >128 Resistant 0.5 0.5 Susceptible  
## 83 >128 Resistant 0.06 0.25 Susceptible  
## 84 >128 Resistant 0.06 0.12 Susceptible  
## 85 >128 Resistant 0.12 0.5 Susceptible  
## 86 >128 Resistant 0.03 0.12 Susceptible  
## 87 8 Resistant 0.03 0.12 Susceptible  
## 88 >128 Resistant 2 1 Susceptible  
## 89 >128 Resistant 0.12 1 Susceptible  
## 90 4 Resistant 0.12 0.25 Susceptible  
## 91 >128 Resistant 0.25 1 Susceptible  
## 92 128 Resistant 0.03 0.12 Susceptible  
## 93 64 Resistant 0.03 0.06 Susceptible  
## 94 >128 Resistant 0.25 0.5 Susceptible  
## 95 32 Resistant 0.03 0.12 Susceptible  
## 96 >128 Resistant 0.03 0.03 Susceptible  
## 97 >128 Resistant 0.12 0.12 Susceptible  
## 98 >128 Resistant 0.12 0.5 Susceptible  
## 99 >128 Resistant 0.06 0.25 Susceptible  
## 100 >128 Resistant 0.06 0.25 Susceptible  
## 101 >128 Resistant 0.06 0.5 Susceptible  
## 102 >128 Resistant 0.03 0.12 Susceptible  
## 103 >128 Resistant 0.5 0.5 Susceptible  
## 104 >128 Resistant 0.03 0.12 Susceptible  
## 105 >128 Resistant 0.12 0.25 Susceptible  
## 106 >128 Resistant <=0.008 0.06 Susceptible  
## 107 >128 Resistant 0.12 0.25 Susceptible  
## 108 >128 Resistant 0.06 0.12 Susceptible  
## 109 >128 Resistant 0.12 0.25 Susceptible  
## 110 >128 Resistant 0.06 0.25 Susceptible  
## 111 >128 Resistant 0.06 0.12 Susceptible  
## 112 >128 Resistant 0.5 0.25 Susceptible  
## 113 >128 Resistant 0.06 0.12 Susceptible  
## 114 >128 Resistant 0.03 0.25 Susceptible  
## 115 >128 Resistant 0.03 0.25 Susceptible  
## 116 >128 Resistant 16 >128 Resistant  
## 117 >128 Resistant 0.25 0.12 Susceptible  
## 118 >128 Resistant 0.06 0.12 Susceptible  
## 119 >128 Resistant 0.12 0.25 Susceptible  
## 120 >128 Resistant 0.015 0.06 Susceptible  
## 121 >128 Resistant 0.06 0.06 Susceptible  
## 122 >128 Resistant 0.03 0.06 Susceptible  
## 123 >128 Resistant 0.06 0.12 Susceptible  
## 124 >128 Resistant 0.03 0.06 Susceptible  
## 125 >128 Resistant 0.12 0.12 Susceptible  
## 126 >128 Resistant 0.12 0.25 Susceptible  
## 127 >128 Resistant 0.12 0.12 Susceptible  
## 128 >128 Resistant 0.06 0.12 Susceptible  
## 129 >128 Resistant 0.06 0.12 Susceptible  
## 130 >128 Resistant 0.06 0.25 Susceptible  
## 131 64 Resistant 4 0.25 Susceptible  
## 132 >128 Resistant 0.12 0.12 Susceptible  
## 133 >128 Resistant 0.03 0.06 Susceptible  
## 134 >128 Resistant 0.06 0.12 Susceptible  
## 135 >128 Resistant 0.06 0.25 Susceptible  
## 136 32 Resistant 0.06 0.12 Susceptible  
## 137 >128 Resistant 0.06 0.12 Susceptible  
## 138 >128 Resistant 0.25 0.5 Susceptible  
## 139 32 Resistant 0.06 0.25 Susceptible  
## 140 >128 Resistant 0.06 0.25 Susceptible  
## 141 >128 Resistant 0.12 0.25 Susceptible  
## 142 128 Resistant 0.03 0.12 Susceptible  
## 143 >128 Resistant 0.06 0.25 Susceptible  
## 144 >128 Resistant 0.12 1 Susceptible  
## 145 128 Resistant 0.03 0.12 Susceptible  
## 146 128 Resistant 0.03 0.25 Susceptible  
## 147 >128 Resistant 0.015 0.12 Susceptible  
## 148 128 Resistant 0.015 0.12 Susceptible  
## 149 128 Resistant 0.06 0.12 Susceptible  
## 150 128 Resistant 0.25 0.5 Susceptible  
## 151 >128 Resistant 0.06 0.12 Susceptible  
## 152 >128 Resistant 0.06 0.5 Susceptible  
## 153 >128 Resistant 32 >128 Resistant  
## 154 >128 Resistant 0.12 0.5 Susceptible  
## 155 64 Resistant 0.06 0.12 Susceptible  
## 156 64 Resistant 0.03 0.06 Susceptible  
## 157 >128 Resistant 1 0.5 Susceptible  
## 158 128 Resistant 1 2 Susceptible  
## 159 >128 Resistant 0.12 0.5 Susceptible  
## 160 128 Resistant 1 0.5 Susceptible  
## 161 >128 Resistant 0.12 0.12 Susceptible  
## 162 128 Resistant 0.06 0.5 Susceptible  
## 163 128 Resistant 0.12 0.25 Susceptible  
## 164 64 Resistant 0.12 1 Susceptible  
## 165 4 Resistant 0.03 0.12 Susceptible  
## 166 8 Resistant 0.06 0.25 Susceptible  
## 167 128 Resistant <=0.008 0.12 Susceptible  
## 168 64 Resistant 0.06 0.12 Susceptible  
## 169 >128 Resistant 0.03 0.12 Susceptible  
## 170 64 Resistant 32 >128 Resistant  
## 171 128 Resistant 0.25 0.25 Susceptible  
## 172 2 Resistant 0.06 0.12 Susceptible  
## 173 2 Resistant 0.12 0.25 Susceptible  
## 174 >128 Resistant 0.12 0.25 Susceptible  
## 175 >128 Resistant <=0.008 0.03 Susceptible  
## 176 >128 Resistant <=0.008 0.03 Susceptible  
## 177 >128 Resistant 0.25 0.03 Susceptible  
## 178 >128 Resistant 0.12 0.03 Susceptible  
## 179 >128 Resistant 0.12 0.03 Susceptible  
## 180 >128 Resistant 0.06 0.03 Susceptible  
## 181 >128 Resistant 0.25 0.12 Susceptible  
## 182 >128 Resistant 0.12 0.12 Susceptible  
## 183 >128 Resistant 0.06 0.06 Susceptible  
## 184 >128 Resistant 0.12 0.12 Susceptible  
## 185 >128 Resistant 0.12 0.03 Susceptible  
## 186 >128 Resistant 0.12 0.12 Susceptible  
## 187 64 Resistant 32 >128 Resistant  
## 188 >128 Resistant 0.06 0.06 Susceptible  
## 189 >128 Resistant 0.03 0.06 Susceptible  
## 190 >128 Resistant 0.03 0.06 Susceptible  
## 191 128 Resistant 0.06 0.12 Susceptible  
## 192 >128 Resistant <=0.008 0.06 Susceptible  
## 193 >128 Resistant 0.06 0.12 Susceptible  
## 194 >128 Resistant 0.06 0.06 Susceptible  
## 195 >128 Resistant 0.06 0.06 Susceptible  
## 196 >128 Resistant 0.06 0.12 Susceptible  
## 197 >128 Resistant 0.25 0.25 Susceptible  
## 198 >128 Resistant 0.25 0.25 Susceptible  
## 199 >128 Resistant 0.06 0.06 Susceptible  
## 200 128 Resistant 0.12 0.12 Susceptible  
## 201 >128 Resistant 0.06 0.25 Susceptible  
## 202 >128 Resistant 0.06 0.12 Susceptible  
## 203 >128 Resistant 0.03 0.06 Susceptible  
## 204 >128 Resistant 0.12 0.12 Susceptible  
## 205 >128 Resistant 0.06 0.12 Susceptible  
## 206 >128 Resistant 0.06 0.25 Susceptible  
## 207 >128 Resistant 0.03 0.25 Susceptible  
## 208 >128 Resistant 128 >128 Resistant  
## 209 >128 Resistant 1 1 Susceptible  
## 210 >128 Resistant 0.03 0.25 Susceptible  
## 211 >128 Resistant 0.06 0.03 Susceptible  
## 212 >128 Resistant 0.12 0.03 Susceptible  
## 213 >128 Resistant 0.06 0.12 Susceptible  
## 214 >128 Resistant 2 2 Susceptible  
## 215 >128 Resistant 0.12 0.03 Susceptible  
## 216 >128 Resistant 0.06 0.03 Susceptible  
## 217 >128 Resistant 0.25 1 Susceptible  
## 218 >128 Resistant 0.12 0.03 Susceptible  
## 219 >128 Resistant 0.12 0.06 Susceptible  
## 220 >128 Resistant 0.25 0.03 Susceptible  
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## 222 >128 Resistant 0.06 0.03 Susceptible  
## 223 >128 Resistant 0.12 0.25 Susceptible  
## 224 >128 Resistant 0.25 1 Susceptible  
## 225 >128 Resistant >128 >128 Resistant  
## 226 >128 Resistant 0.03 0.12 Susceptible  
## 227 >128 Resistant 0.06 0.25 Susceptible  
## 228 >128 Resistant 0.03 0.12 Susceptible  
## 229 >128 Resistant 0.06 0.12 Susceptible  
## 230 >128 Resistant 0.06 0.12 Susceptible  
## 231 128 Resistant 0.06 0.12 Susceptible  
## 232 >128 Resistant 0.12 0.06 Susceptible  
## 233 >128 Resistant >128 >128 Resistant  
## 234 >128 Resistant 0.015 0.06 Susceptible  
## 235 >128 Resistant 0.03 0.06 Susceptible  
## 236 >128 Resistant <=0.008 0.06 Susceptible  
## 237 >128 Resistant 0.25 0.5 Susceptible  
## 238 >128 Resistant 0.06 0.12 Susceptible  
## 239 >128 Resistant 0.03 0.06 Susceptible  
## 240 >128 Resistant 0.06 0.12 Susceptible  
## 241 >128 Resistant 0.25 0.25 Susceptible  
## 242 >128 Resistant 32 >128 Resistant  
## 243 >128 Resistant 0.12 0.5 Susceptible  
## 244 >128 Resistant 0.03 0.12 Susceptible  
## 245 >128 Resistant >128 >128 Resistant  
## 246 128 Resistant 0.06 0.12 Susceptible  
## 247 >128 Resistant 0.03 0.06 Susceptible  
## 248 >128 Resistant 16 >128 Resistant  
## 249 >128 Resistant 0.12 0.12 Susceptible  
## 250 >128 Resistant 0.06 0.12 Susceptible  
## 251 8 Resistant 0.25 0.5 Susceptible  
## 252 >128 Resistant 0.06 0.12 Susceptible  
## 253 >128 Resistant 0.03 0.06 Susceptible  
## 254 >128 Resistant 0.06 0.25 Susceptible  
## 255 >128 Resistant 0.06 0.12 Susceptible  
## 256 >128 Resistant 0.06 0.12 Susceptible  
## 257 >128 Resistant 0.06 0.25 Susceptible  
## 258 >128 Resistant 0.06 0.12 Susceptible  
## 259 >128 Resistant 0.12 0.25 Susceptible  
## 260 >128 Resistant 0.12 0.5 Susceptible  
## 261 >128 Resistant 1 1 Susceptible  
## 262 >128 Resistant 0.03 0.06 Susceptible  
## 263 >128 Resistant 0.12 0.5 Susceptible  
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## 265 >128 Resistant 0.06 0.25 Susceptible  
## 266 >128 Resistant 0.03 0.12 Susceptible  
## 267 >128 Resistant 0.25 1 Susceptible  
## 268 >128 Resistant 0.12 0.25 Susceptible  
## 269 >128 Resistant 0.25 0.25 Susceptible  
## 270 >128 Resistant 0.06 0.25 Susceptible  
## 271 >128 Resistant 0.03 0.12 Susceptible  
## 272 >128 Resistant 0.03 0.12 Susceptible  
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## 841 >8 Resistant 0.1200 Susceptible  
## 842 >8 Resistant 0.2500 Susceptible  
## 843 >8 Resistant 0.2500 Susceptible  
## 844 >8 Resistant 0.2500 Susceptible  
## 845 >8 Resistant 1.0000 Susceptible  
## 846 >8 Resistant 0.1200 Susceptible  
## 847 >8 Resistant 0.2500 Susceptible  
## 848 >8 Resistant 1.0000 Susceptible  
## 849 >8 Resistant 128.0000 Resistant  
## 850 >8 Resistant 0.1200 Susceptible  
## 851 >8 Resistant 0.2500 Susceptible  
## 852 >8 Resistant 0.0600 Susceptible  
## 853 >8 Resistant 0.1200 Susceptible  
## 854 8.0000 Resistant 0.1200 Susceptible  
## 855 >8 Resistant 0.2500 Susceptible  
## 856 >8 Resistant 1.0000 Susceptible  
## 857 >8 Resistant 0.2500 Susceptible  
## 858 >8 Resistant 0.1200 Susceptible  
## 859 >8 Resistant 0.2500 Susceptible  
## 860 >8 Resistant 0.1200 Susceptible  
## 861 >8 Resistant 0.5000 Susceptible  
## 862 >8 Resistant 1.0000 Susceptible  
## 863 >8 Resistant >128 Resistant  
## 864 >8 Resistant 0.2500 Susceptible  
## 865 >8 Resistant 0.1200 Susceptible  
## 866 >8 Resistant 0.2500 Susceptible  
## 867 >8 Resistant 0.2500 Susceptible  
## 868 >8 Resistant >128 Resistant  
## 869 >8 Resistant 0.2500 Susceptible  
## 870 >8 Resistant >128 Resistant  
## 871 >8 Resistant 0.1200 Susceptible  
## 872 >8 Resistant 0.1200 Susceptible  
## 873 >8 Resistant 0.1200 Susceptible  
## 874 >8 Resistant 0.1200 Susceptible  
## 875 >8 Resistant 0.2500 Susceptible  
## 876 >8 Resistant 0.2500 Susceptible  
## 877 >8 Resistant 0.2500 Susceptible  
## 878 >8 Resistant 0.0600 Susceptible  
## 879 >8 Resistant 0.1200 Susceptible  
## 880 >8 Resistant 0.2500 Susceptible  
## 881 >8 Resistant >128 Resistant  
## 882 >8 Resistant 0.1200 Susceptible  
## 883 >8 Resistant >128 Resistant  
## 884 >8 Resistant 0.0600 Susceptible  
## 885 >8 Resistant 0.1200 Susceptible  
## 886 >8 Resistant 0.1200 Susceptible  
## 887 >8 Resistant 0.1200 Susceptible  
## 888 >8 Resistant >128 Resistant  
## 889 >8 Resistant 0.2500 Susceptible  
## 890 >8 Resistant 2.0000 Susceptible  
## 891 >8 Resistant 2.0000 Susceptible  
## 892 >8 Resistant 0.2500 Susceptible  
## 893 >8 Resistant >128 Resistant  
## 894 >8 Resistant 0.5000 Susceptible  
## 895 >8 Resistant >128 Resistant  
## 896 >8 Resistant >128 Resistant  
## 897 >8 Resistant 0.2500 Susceptible  
## 898 >8 Resistant 0.5000 Susceptible  
## 899 >8 Resistant 0.2500 Susceptible  
## 900 >8 Resistant 0.2500 Susceptible  
## 901 >8 Resistant 0.2500 Susceptible  
## 902 >8 Resistant 0.5000 Susceptible  
## 903 8.0000 Resistant 0.2500 Susceptible  
## 904 >8 Resistant 0.5000 Susceptible  
## 905 >8 Resistant 0.1200 Susceptible  
## 906 >8 Resistant 0.1200 Susceptible  
## 907 >8 Resistant 0.5000 Susceptible  
## 908 >8 Resistant 0.2500 Susceptible  
## 909 >8 Resistant 0.2500 Susceptible  
## 910 >8 Resistant 0.1200 Susceptible  
## 911 >8 Resistant 0.2500 Susceptible  
## 912 >8 Resistant 0.1200 Susceptible  
## 913 >8 Resistant 0.2500 Susceptible  
## 914 >8 Resistant 0.2500 Susceptible  
## 915 >8 Resistant 0.5000 Susceptible  
## 916 >8 Resistant >128 Resistant  
## 917 >8 Resistant 0.1200 Susceptible  
## 918 >8 Resistant >128 Resistant  
## 919 >8 Resistant 0.5000 Susceptible  
## 920 >8 Resistant 0.2500 Susceptible  
## 921 >8 Resistant 0.0600 Susceptible  
## 922 >8 Resistant 0.0600 Susceptible  
## 923 >8 Resistant 0.1200 Susceptible  
## 924 >8 Resistant 0.1200 Susceptible  
## 925 >8 Resistant 0.1200 Susceptible  
## 926 >8 Resistant 0.5000 Susceptible  
## 927 >8 Resistant 0.2500 Susceptible  
## 928 >8 Resistant 0.2500 Susceptible  
## 929 >8 Resistant 0.5000 Susceptible  
## 930 1.0000 Intermediate 0.2500 Susceptible  
## 931 >8 Resistant 0.5000 Susceptible  
## 932 >8 Resistant 0.1200 Susceptible  
## 933 >8 Resistant 0.2500 Susceptible  
## 934 >8 Resistant 0.2500 Susceptible  
## 935 >8 Resistant 0.1200 Susceptible  
## 936 >8 Resistant 0.2500 Susceptible  
## 937 >8 Resistant 0.5000 Susceptible  
## 938 >8 Resistant 0.1200 Susceptible  
## 939 >8 Resistant 0.2500 Susceptible  
## 940 >8 Resistant 0.5000 Susceptible  
## 941 >8 Resistant 0.5000 Susceptible  
## 942 >8 Resistant 0.1200 Susceptible  
## 943 >8 Resistant <=0.015 Susceptible  
## 944 >8 Resistant 0.1200 Susceptible  
## 945 >8 Resistant 0.1200 Susceptible  
## 946 >8 Resistant 0.2500 Susceptible  
## 947 >8 Resistant 0.5000 Susceptible  
## 948 >8 Resistant 2.0000 Susceptible  
## 949 >8 Resistant >128 Resistant  
## 950 >8 Resistant 0.1200 Susceptible  
## 951 >8 Resistant >128 Resistant  
## 952 >8 Resistant 0.5000 Susceptible  
## 953 >8 Resistant 0.1200 Susceptible  
## 954 >8 Resistant 0.0600 Susceptible  
## 955 >8 Resistant 0.1200 Susceptible  
## 956 >8 Resistant >128 Resistant  
## 957 >8 Resistant >128 Resistant  
## 958 >8 Resistant 0.1200 Susceptible  
## 959 >8 Resistant 0.2500 Susceptible  
## 960 >8 Resistant 0.1200 Susceptible  
## 961 >8 Resistant 0.5000 Susceptible  
## 962 >8 Resistant 0.1200 Susceptible  
## 963 >8 Resistant 0.1200 Susceptible  
## 964 >8 Resistant 0.2500 Susceptible  
## 965 >8 Resistant 0.0300 Susceptible  
## 966 >8 Resistant >128 Resistant  
## 967 >8 Resistant 0.5000 Susceptible  
## 968 >8 Resistant 0.2500 Susceptible  
## 969 >8 Resistant 0.1200 Susceptible  
## 970 >8 Resistant 0.1200 Susceptible  
## 971 >8 Resistant 0.2500 Susceptible  
## 972 >8 Resistant 0.2500 Susceptible  
## 973 >8 Resistant 1.0000 Susceptible  
## 974 >8 Resistant 0.1200 Susceptible  
## 975 0.0600 Susceptible >128 Resistant  
## 976 >8 Resistant 0.0300 Susceptible  
## 977 8.0000 Resistant 0.1200 Susceptible  
## 978 >8 Resistant 0.1200 Susceptible  
## 979 >8 Resistant 0.2500 Susceptible  
## 980 >8 Resistant 0.1200 Susceptible  
## 981 >8 Resistant 0.5000 Susceptible  
## 982 >8 Resistant 0.1200 Susceptible  
## 983 >8 Resistant 0.1200 Susceptible  
## 984 >8 Resistant 0.5000 Susceptible  
## 985 >8 Resistant 1.0000 Susceptible  
## 986 0.0600 Susceptible 0.2500 Susceptible  
## 987 >8 Resistant 0.2500 Susceptible  
## 988 >8 Resistant 0.2500 Susceptible  
## 989 >8 Resistant 0.2500 Susceptible  
## 990 >8 Resistant 4.0000 Susceptible  
## 991 >8 Resistant 0.2500 Susceptible  
## 992 >8 Resistant 0.1200 Susceptible  
## 993 >8 Resistant 0.1200 Susceptible  
## 994 >8 Resistant 0.1200 Susceptible  
## 995 >8 Resistant 0.2500 Susceptible  
## 996 >8 Resistant 0.5000 Susceptible  
## 997 8.0000 Resistant 0.1200 Susceptible  
## 998 >8 Resistant >128 Resistant  
## 999 >8 Resistant 2.0000 Susceptible  
## 1000 >8 Resistant >128 Resistant  
## 1001 >8 Resistant 0.2500 Susceptible  
## 1002 >8 Resistant 0.0600 Susceptible  
## 1003 >8 Resistant 0.0600 Susceptible  
## 1004 >8 Resistant 1.0000 Susceptible  
## 1005 >8 Resistant 0.2500 Susceptible  
## 1006 >8 Resistant 0.1200 Susceptible  
## 1007 >8 Resistant 0.0600 Susceptible  
## 1008 >8 Resistant 0.2500 Susceptible  
## 1009 >8 Resistant 0.1200 Susceptible  
## 1010 >8 Resistant 0.1200 Susceptible  
## 1011 >8 Resistant >128 Resistant  
## 1012 >8 Resistant 0.5000 Susceptible  
## 1013 >8 Resistant 0.5000 Susceptible  
## 1014 >8 Resistant 0.1200 Susceptible  
## 1015 >8 Resistant >128 Resistant  
## 1016 >8 Resistant >128 Resistant  
## 1017 >8 Resistant 0.2500 Susceptible  
## 1018 >8 Resistant 0.1200 Susceptible  
## 1019 >8 Resistant >128 Resistant  
## 1020 >8 Resistant 0.5000 Susceptible  
## 1021 >8 Resistant 0.1200 Susceptible  
## 1022 >8 Resistant 0.1200 Susceptible  
## 1023 >8 Resistant 0.1200 Susceptible  
## 1024 >8 Resistant >128 Resistant  
## 1025 >8 Resistant 0.5000 Susceptible  
## 1026 >8 Resistant 0.1200 Susceptible  
## 1027 >8 Resistant 0.2500 Susceptible  
## 1028 >8 Resistant 0.5000 Susceptible  
## 1029 >8 Resistant 0.1200 Susceptible  
## 1030 >8 Resistant 0.5000 Susceptible  
## 1031 >8 Resistant 0.2500 Susceptible  
## 1032 >8 Resistant >128 Resistant  
## 1033 >8 Resistant 0.1200 Susceptible  
## 1034 >8 Resistant 0.1200 Susceptible  
## 1035 >8 Resistant >128 Resistant  
## 1036 >8 Resistant 0.2500 Susceptible  
## 1037 >8 Resistant 0.1200 Susceptible  
## 1038 >4 Resistant >64 Resistant  
## 1039 >4 Resistant 0.1200 Susceptible  
## 1040 >4 Resistant 0.5000 Susceptible  
## 1041 >4 Resistant >64 Resistant  
## 1042 >4 Resistant >64 Resistant  
## 1043 >4 Resistant >64 Resistant  
## 1044 >4 Resistant 0.2500 Susceptible  
## 1045 >4 Resistant 0.2500 Susceptible  
## 1046 >4 Resistant >64 Resistant  
## 1047 >4 Resistant 1.0000 Susceptible  
## 1048 >4 Resistant 0.1200 Susceptible  
## 1049 >4 Resistant 0.2500 Susceptible  
## 1050 >4 Resistant 0.0600 Susceptible  
## 1051 >4 Resistant 0.2500 Susceptible  
## 1052 >8 Resistant 0.1200 Susceptible  
## 1053 >8 Resistant 0.1200 Susceptible  
## 1054 >8 Resistant 0.0600 Susceptible  
## 1055 >8 Resistant 0.0600 Susceptible  
## 1056 >8 Resistant 0.2500 Susceptible  
## 1057 >8 Resistant 0.0600 Susceptible  
## 1058 >8 Resistant 0.1200 Susceptible  
## 1059 >8 Resistant 0.1200 Susceptible  
## 1060 >8 Resistant 0.5000 Susceptible  
## 1061 >8 Resistant 0.5000 Susceptible  
## 1062 >8 Resistant 0.1200 Susceptible  
## 1063 >8 Resistant 1.0000 Susceptible  
## 1064 >4 Resistant 0.1200 Susceptible  
## 1065 >4 Resistant 0.1200 Susceptible  
## 1066 >4 Resistant 0.5000 Susceptible  
## 1067 >4 Resistant 0.2500 Susceptible  
## 1068 >4 Resistant 0.1200 Susceptible  
## 1069 >4 Resistant 0.2500 Susceptible  
## 1070 >4 Resistant 0.5000 Susceptible  
## 1071 >4 Resistant 0.5000 Susceptible  
## 1072 >4 Resistant 0.2500 Susceptible  
## 1073 >4 Resistant >64 Resistant  
## 1074 >4 Resistant 0.5000 Susceptible  
## 1075 >4 Resistant 1.0000 Susceptible  
## 1076 >4 Resistant 0.2500 Susceptible  
## 1077 >4 Resistant 0.1200 Susceptible  
## 1078 >4 Resistant 0.1200 Susceptible  
## 1079 >4 Resistant 0.1200 Susceptible  
## 1080 >4 Resistant 0.0600 Susceptible  
## 1081 >4 Resistant 0.1200 Susceptible  
## 1082 >4 Resistant 0.5000 Susceptible  
## 1083 >4 Resistant 0.5000 Susceptible  
## 1084 >4 Resistant 0.5000 Susceptible  
## 1085 >4 Resistant 0.2500 Susceptible  
## 1086 >4 Resistant 0.1200 Susceptible  
## 1087 >4 Resistant <=0.03 Susceptible  
## 1088 >4 Resistant >64 Resistant  
## 1089 >4 Resistant 0.5000 Susceptible  
## 1090 >4 Resistant 0.2500 Susceptible  
## 1091 >4 Resistant 0.2500 Susceptible  
## 1092 >4 Resistant 0.1200 Susceptible  
## 1093 >4 Resistant >64 Resistant  
## 1094 >4 Resistant 0.0600 Susceptible  
## 1095 >4 Resistant >64 Resistant  
## 1096 >4 Resistant 0.1200 Susceptible  
## 1097 >4 Resistant >64 Resistant  
## 1098 >4 Resistant 0.2500 Susceptible  
## 1099 >4 Resistant 0.2500 Susceptible  
## 1100 >4 Resistant 0.2500 Susceptible  
## 1101 >4 Resistant 0.2500 Susceptible  
## 1102 >4 Resistant 0.5000 Susceptible  
## 1103 >4 Resistant 0.0600 Susceptible  
## 1104 >4 Resistant 0.0600 Susceptible  
## 1105 >4 Resistant 0.5000 Susceptible  
## 1106 >4 Resistant 0.2500 Susceptible  
## 1107 >4 Resistant <=0.03 Susceptible  
## 1108 >4 Resistant 0.5000 Susceptible  
## 1109 >4 Resistant <=0.03 Susceptible  
## 1110 >4 Resistant >64 Resistant  
## 1111 >4 Resistant 0.1200 Susceptible  
## 1112 >4 Resistant >64 Resistant  
## 1113 >4 Resistant >64 Resistant  
## 1114 >4 Resistant 1.0000 Susceptible  
## 1115 >4 Resistant >64 Resistant  
## 1116 >4 Resistant >64 Resistant  
## 1117 >4 Resistant 0.5000 Susceptible  
## 1118 >4 Resistant >64 Resistant  
## 1119 >4 Resistant >64 Resistant  
## 1120 >4 Resistant >64 Resistant  
## 1121 >4 Resistant 0.1200 Susceptible  
## 1122 >4 Resistant 0.2500 Susceptible  
## 1123 >4 Resistant 0.1200 Susceptible  
## 1124 >4 Resistant 0.5000 Susceptible  
## 1125 >4 Resistant >64 Resistant  
## 1126 >4 Resistant >64 Resistant  
## 1127 >4 Resistant >64 Resistant  
## 1128 >4 Resistant 1.0000 Susceptible  
## 1129 >4 Resistant >64 Resistant  
## 1130 >4 Resistant 0.5000 Susceptible  
## 1131 >4 Resistant 0.2500 Susceptible  
## 1132 >4 Resistant 0.2500 Susceptible  
## 1133 >4 Resistant 0.0600 Susceptible  
## 1134 >4 Resistant 0.2500 Susceptible  
## 1135 >4 Resistant 0.2500 Susceptible  
## 1136 >4 Resistant 0.2500 Susceptible  
## 1137 >4 Resistant 0.2500 Susceptible  
## 1138 >4 Resistant 0.1200 Susceptible  
## 1139 >4 Resistant 0.1200 Susceptible  
## 1140 >4 Resistant 0.5000 Susceptible  
## 1141 >4 Resistant 0.2500 Susceptible  
## 1142 >4 Resistant >64 Resistant  
## 1143 >4 Resistant >64 Resistant  
## 1144 >4 Resistant >64 Resistant  
## 1145 >4 Resistant 0.1200 Susceptible  
## 1146 >4 Resistant 0.2500 Susceptible  
## 1147 >4 Resistant 0.2500 Susceptible  
## 1148 >4 Resistant 0.2500 Susceptible  
## 1149 >4 Resistant 0.2500 Susceptible  
## 1150 >4 Resistant 0.1200 Susceptible  
## 1151 >4 Resistant >64 Resistant  
## 1152 >4 Resistant 0.2500 Susceptible  
## 1153 >4 Resistant 0.2500 Susceptible  
## 1154 >4 Resistant 0.5000 Susceptible  
## 1155 >4 Resistant 0.5000 Susceptible  
## 1156 >4 Resistant 0.5000 Susceptible  
## 1157 >4 Resistant 0.2500 Susceptible  
## 1158 >4 Resistant 2.0000 Susceptible  
## 1159 >4 Resistant >64 Resistant  
## 1160 >4 Resistant 0.5000 Susceptible  
## 1161 >4 Resistant 1.0000 Susceptible  
## 1162 >4 Resistant 1.0000 Susceptible  
## 1163 >4 Resistant 0.1200 Susceptible  
## 1164 >4 Resistant 0.5000 Susceptible  
## 1165 >4 Resistant 0.1200 Susceptible  
## 1166 >4 Resistant 0.5000 Susceptible  
## 1167 >4 Resistant >64 Resistant  
## 1168 >4 Resistant 64.0000 Resistant  
## 1169 >4 Resistant 0.2500 Susceptible  
## 1170 >4 Resistant 0.0600 Susceptible  
## 1171 >4 Resistant 0.1200 Susceptible  
## 1172 >4 Resistant 0.5000 Susceptible  
## 1173 >4 Resistant 0.5000 Susceptible  
## 1174 >4 Resistant 0.2500 Susceptible  
## 1175 >4 Resistant 1.0000 Susceptible  
## 1176 >4 Resistant <=0.03 Susceptible  
## 1177 >4 Resistant 0.2500 Susceptible  
## 1178 >4 Resistant 1.0000 Susceptible  
## 1179 >4 Resistant >64 Resistant  
## 1180 >4 Resistant 1.0000 Susceptible  
## 1181 >4 Resistant 0.5000 Susceptible  
## 1182 >4 Resistant 1.0000 Susceptible  
## 1183 >4 Resistant 0.1200 Susceptible  
## 1184 >4 Resistant 0.5000 Susceptible  
## 1185 >4 Resistant 2.0000 Susceptible  
## 1186 >4 Resistant 1.0000 Susceptible  
## 1187 >4 Resistant 0.5000 Susceptible  
## 1188 >4 Resistant 0.5000 Susceptible  
## 1189 >4 Resistant 0.5000 Susceptible  
## 1190 >4 Resistant 0.5000 Susceptible  
## 1191 >4 Resistant 0.2500 Susceptible  
## 1192 >4 Resistant 1.0000 Susceptible  
## 1193 >4 Resistant 0.5000 Susceptible  
## 1194 >4 Resistant 0.5000 Susceptible  
## 1195 >4 Resistant 1.0000 Susceptible  
## 1196 >4 Resistant 0.5000 Susceptible  
## 1197 >4 Resistant 0.2500 Susceptible  
## 1198 >4 Resistant 2.0000 Susceptible  
## 1199 >4 Resistant 1.0000 Susceptible  
## 1200 >4 Resistant 0.5000 Susceptible  
## 1201 >4 Resistant 1.0000 Susceptible  
## 1202 >4 Resistant 1.0000 Susceptible  
## 1203 >4 Resistant 0.5000 Susceptible  
## 1204 >4 Resistant 0.2500 Susceptible  
## 1205 >4 Resistant 0.5000 Susceptible  
## 1206 >4 Resistant 0.5000 Susceptible  
## 1207 >4 Resistant 1.0000 Susceptible  
## 1208 >4 Resistant >64 Resistant  
## 1209 >4 Resistant >64 Resistant  
## 1210 >4 Resistant 0.0600 Susceptible  
## 1211 >4 Resistant 0.2500 Susceptible  
## 1212 >4 Resistant >64 Resistant  
## 1213 >4 Resistant 0.2500 Susceptible  
## 1214 >4 Resistant >64 Resistant  
## 1215 >4 Resistant 0.2500 Susceptible  
## 1216 >4 Resistant 1.0000 Susceptible  
## 1217 >4 Resistant >64 Resistant  
## 1218 >4 Resistant 0.2500 Susceptible  
## 1219 >4 Resistant 0.2500 Susceptible  
## 1220 >4 Resistant 0.1200 Susceptible  
## 1221 >4 Resistant 0.2500 Susceptible  
## 1222 >4 Resistant 0.1200 Susceptible  
## 1223 >4 Resistant 0.1200 Susceptible  
## 1224 >4 Resistant <=0.03 Susceptible  
## 1225 >4 Resistant <=0.03 Susceptible  
## 1226 >4 Resistant 0.1200 Susceptible  
## 1227 >4 Resistant 0.2500 Susceptible  
## 1228 >4 Resistant <=0.03 Susceptible  
## 1229 >4 Resistant 0.1200 Susceptible  
## 1230 >4 Resistant 0.2500 Susceptible  
## 1231 >4 Resistant 0.2500 Susceptible  
## 1232 >4 Resistant 0.1200 Susceptible  
## 1233 >4 Resistant 0.2500 Susceptible  
## 1234 >4 Resistant 0.2500 Susceptible  
## 1235 >4 Resistant 0.1200 Susceptible  
## 1236 >4 Resistant 0.1200 Susceptible  
## 1237 >4 Resistant 0.1200 Susceptible  
## 1238 >4 Resistant 0.1200 Susceptible  
## 1239 >4 Resistant 0.1200 Susceptible  
## 1240 >4 Resistant >64 Resistant  
## 1241 >4 Resistant >64 Resistant  
## 1242 >4 Resistant 0.1200 Susceptible  
## 1243 >4 Resistant 0.0600 Susceptible  
## 1244 >4 Resistant 1.0000 Susceptible  
## 1245 >4 Resistant 0.1200 Susceptible  
## 1246 >4 Resistant 0.2500 Susceptible  
## 1247 >4 Resistant 0.1200 Susceptible  
## 1248 >4 Resistant 1.0000 Susceptible  
## 1249 >4 Resistant 0.2500 Susceptible  
## 1250 >4 Resistant 0.5000 Susceptible  
## 1251 >4 Resistant 0.1200 Susceptible  
## 1252 >4 Resistant 0.1200 Susceptible  
## 1253 >4 Resistant 0.1200 Susceptible  
## 1254 >4 Resistant 0.2500 Susceptible  
## 1255 >4 Resistant 0.1200 Susceptible  
## 1256 >4 Resistant 0.1200 Susceptible  
## 1257 >4 Resistant 0.0600 Susceptible  
## 1258 >4 Resistant 0.0600 Susceptible  
## 1259 >4 Resistant 0.2500 Susceptible  
## 1260 >4 Resistant 1.0000 Susceptible  
## 1261 >4 Resistant 0.1200 Susceptible  
## 1262 >4 Resistant 0.1200 Susceptible  
## 1263 >4 Resistant 0.1200 Susceptible  
## 1264 >4 Resistant >64 Resistant  
## 1265 >4 Resistant 0.1200 Susceptible  
## 1266 >4 Resistant 0.0600 Susceptible  
## 1267 >4 Resistant >64 Resistant  
## 1268 >4 Resistant 0.1200 Susceptible  
## 1269 >4 Resistant 0.2500 Susceptible  
## 1270 >4 Resistant >64 Resistant  
## 1271 >4 Resistant 0.2500 Susceptible  
## 1272 >4 Resistant 0.1200 Susceptible  
## 1273 >4 Resistant 0.1200 Susceptible  
## 1274 >4 Resistant 0.2500 Susceptible  
## 1275 >4 Resistant 0.2500 Susceptible  
## 1276 >4 Resistant 0.1200 Susceptible  
## 1277 >4 Resistant 0.1200 Susceptible  
## 1278 >4 Resistant 0.2500 Susceptible  
## 1279 >4 Resistant 0.5000 Susceptible  
## 1280 >4 Resistant 0.2500 Susceptible  
## 1281 >4 Resistant 2.0000 Susceptible  
## 1282 >4 Resistant >64 Resistant  
## 1283 >4 Resistant 0.2500 Susceptible  
## 1284 >4 Resistant 0.5000 Susceptible  
## 1285 >4 Resistant 0.1200 Susceptible  
## 1286 >4 Resistant 0.2500 Susceptible  
## 1287 >4 Resistant >64 Resistant  
## 1288 >4 Resistant 1.0000 Susceptible  
## 1289 >4 Resistant 1.0000 Susceptible  
## 1290 >4 Resistant 0.5000 Susceptible  
## 1291 >4 Resistant 0.2500 Susceptible  
## 1292 >4 Resistant 1.0000 Susceptible  
## 1293 >4 Resistant >64 Resistant  
## 1294 >4 Resistant 0.5000 Susceptible  
## 1295 >4 Resistant >64 Resistant  
## 1296 >4 Resistant 0.2500 Susceptible  
## 1297 >4 Resistant 1.0000 Susceptible  
## 1298 >4 Resistant 1.0000 Susceptible  
## 1299 >4 Resistant >64 Resistant  
## 1300 >4 Resistant 0.0600 Susceptible  
## 1301 >4 Resistant 0.2500 Susceptible  
## 1302 >4 Resistant >64 Resistant  
## 1303 >4 Resistant 0.5000 Susceptible  
## 1304 >4 Resistant 0.2500 Susceptible  
## 1305 >4 Resistant 0.1200 Susceptible  
## 1306 >4 Resistant 0.1200 Susceptible  
## 1307 >4 Resistant 0.1200 Susceptible  
## 1308 >4 Resistant <=0.03 Susceptible  
## 1309 >4 Resistant 0.2500 Susceptible  
## 1310 >4 Resistant 0.1200 Susceptible  
## 1311 >4 Resistant 0.2500 Susceptible  
## 1312 >4 Resistant 0.2500 Susceptible  
## 1313 >4 Resistant 0.2500 Susceptible  
## 1314 >4 Resistant 0.1200 Susceptible  
## 1315 >4 Resistant 0.0600 Susceptible  
## Ciprofloxacin Ciprofloxacin\_I Colistin Colistin\_I Doripenem Doripenem\_I Ertapenem  
## 1 0.03 Susceptible 0.06  
## 2 0.03 Susceptible 0.06  
## 3 0.03 Susceptible 0.06  
## 4 0.03 Susceptible 0.25  
## 5 0.03 Susceptible 0.12  
## 6 0.03 Susceptible 0.5  
## 7 0.03 Susceptible 0.25  
## 8 1 Susceptible >1  
## 9 0.03 Susceptible 0.25  
## 10 0.06 Susceptible 0.06  
## 11 0.03 Susceptible 0.06  
## 12 0.03 Susceptible 0.06  
## 13 0.06 Susceptible 0.12  
## 14 0.03 Susceptible 0.5  
## 15 0.03 Susceptible 0.06  
## 16 0.03 Susceptible 1  
## 17 0.06 Susceptible 0.12  
## 18 0.03 Susceptible 0.25  
## 19 0.03 Susceptible 0.25  
## 20 0.03 Susceptible 0.12  
## 21 0.03 Susceptible 0.12  
## 22 0.06 Susceptible 0.12  
## 23 0.06 Susceptible 0.25  
## 24 0.12 Susceptible 0.06  
## 25 0.06 Susceptible 0.06  
## 26 0.06 Susceptible 0.06  
## 27 0.06 Susceptible 0.25  
## 28 0.12 Susceptible 1  
## 29 0.06 Susceptible 0.25  
## 30 0.03 Susceptible 0.12  
## 31 >4 Resistant >1  
## 32 0.25 Susceptible 0.5  
## 33 0.06 Susceptible 0.12  
## 34 0.06 Susceptible 0.12  
## 35 0.03 Susceptible 0.12  
## 36 0.06 Susceptible 0.12  
## 37 0.03 Susceptible 0.12  
## 38 >4 Resistant >1  
## 39 0.12 Susceptible 0.25  
## 40 4 Resistant >1  
## 41 0.03 Susceptible 0.12  
## 42 0.06 Susceptible 0.25  
## 43 0.06 Susceptible 0.5  
## 44 0.06 Susceptible 0.06  
## 45 0.03 Susceptible 0.06  
## 46 0.03 Susceptible 0.06  
## 47 0.06 Susceptible 0.06  
## 48 0.12 Susceptible 1  
## 49 0.06 Susceptible 0.06  
## 50 0.03 Susceptible 0.12  
## 51 0.03 Susceptible 0.06  
## 52 0.03 Susceptible 0.12  
## 53 0.06 Susceptible 0.25  
## 54 0.03 Susceptible 0.12  
## 55 0.03 Susceptible 0.5  
## 56 0.03 Susceptible 0.12  
## 57 0.06 Susceptible 0.06  
## 58 0.03 Susceptible 0.12  
## 59 0.03 Susceptible 0.03  
## 60 0.06 Susceptible 0.5  
## 61 0.06 Susceptible 1  
## 62 0.03 Susceptible 0.06  
## 63 0.03 Susceptible 0.06  
## 64 0.06 Susceptible 0.12  
## 65 0.03 Susceptible 0.06  
## 66 0.03 Susceptible 0.06  
## 67 0.03 Susceptible 0.5  
## 68 0.12 Susceptible 1  
## 69 0.06 Susceptible 0.25  
## 70 0.06 Susceptible 0.03  
## 71 >4 Resistant >1  
## 72 >4 Resistant >1  
## 73 0.12 Susceptible 0.06  
## 74 0.03 Susceptible 0.5  
## 75 0.06 Susceptible 0.06  
## 76 0.06 Susceptible 0.12  
## 77 0.06 Susceptible 0.12  
## 78 0.12 Susceptible 0.5  
## 79 0.06 Susceptible 0.06  
## 80 0.03 Susceptible 1  
## 81 0.03 Susceptible 0.06  
## 82 0.12 Susceptible 1  
## 83 0.03 Susceptible 0.12  
## 84 0.03 Susceptible 0.12  
## 85 0.06 Susceptible 0.25  
## 86 0.5 Intermediate 0.03 Susceptible   
## 87 1 Intermediate 0.06 Susceptible   
## 88 0.5 Intermediate 2 Intermediate   
## 89 1 Intermediate 0.25 Susceptible   
## 90 1 Intermediate 0.03 Susceptible   
## 91 1 Intermediate 0.06 Susceptible   
## 92 1 Intermediate 0.06 Susceptible   
## 93 1 Intermediate 0.06 Susceptible   
## 94 0.5 Intermediate 0.06 Susceptible   
## 95 1 Intermediate 0.06 Susceptible   
## 96 1 Intermediate 0.03 Susceptible   
## 97 1 Intermediate 0.06 Susceptible   
## 98 0.5 Intermediate 0.06 Susceptible   
## 99 1 Intermediate 0.12 Susceptible   
## 100 1 Intermediate 0.06 Susceptible   
## 101 0.5 Intermediate 0.06 Susceptible   
## 102 0.5 Intermediate 0.06 Susceptible   
## 103 0.5 Intermediate 0.06 Susceptible   
## 104 1 Intermediate 0.03 Susceptible   
## 105 2 Intermediate 0.06 Susceptible   
## 106 1 Intermediate 0.03 Susceptible   
## 107 1 Intermediate 0.25 Susceptible   
## 108 1 Intermediate 0.06 Susceptible   
## 109 1 Intermediate 0.06 Susceptible   
## 110 2 Intermediate 0.12 Susceptible   
## 111 1 Intermediate 0.06 Susceptible   
## 112 2 Intermediate 0.06 Susceptible   
## 113 1 Intermediate 0.25 Susceptible   
## 114 0.5 Intermediate 0.12 Susceptible   
## 115 0.5 Intermediate 0.06 Susceptible   
## 116 0.5 Intermediate >4 Resistant   
## 117 1 Intermediate 0.06 Susceptible   
## 118 1 Intermediate 0.06 Susceptible   
## 119 1 Intermediate 0.06 Susceptible   
## 120 0.5 Intermediate 0.03 Susceptible   
## 121 0.5 Intermediate 0.03 Susceptible   
## 122 0.5 Intermediate 0.06 Susceptible   
## 123 2 Intermediate 0.06 Susceptible   
## 124 0.5 Intermediate 0.03 Susceptible   
## 125 0.5 Intermediate 0.03 Susceptible   
## 126 1 Intermediate 0.06 Susceptible   
## 127 1 Intermediate 0.06 Susceptible   
## 128 2 Intermediate 0.06 Susceptible   
## 129 1 Intermediate 0.06 Susceptible   
## 130 2 Intermediate 0.12 Susceptible   
## 131 1 Intermediate 0.5 Susceptible   
## 132 1 Intermediate 0.06 Susceptible   
## 133 0.5 Intermediate 0.06 Susceptible   
## 134 0.5 Intermediate 0.06 Susceptible   
## 135 1 Intermediate 0.06 Susceptible   
## 136 0.5 Intermediate 0.03 Susceptible   
## 137 1 Intermediate 0.06 Susceptible   
## 138 0.5 Intermediate 0.12 Susceptible   
## 139 0.5 Intermediate 0.06 Susceptible   
## 140 1 Intermediate 0.03 Susceptible   
## 141 0.5 Intermediate 0.03 Susceptible   
## 142 0.5 Intermediate 0.03 Susceptible   
## 143 0.25 Intermediate 0.25 Susceptible   
## 144 0.25 Intermediate 0.06 Susceptible   
## 145 0.25 Intermediate 0.03 Susceptible   
## 146 0.25 Intermediate 0.03 Susceptible   
## 147 0.25 Intermediate 0.03 Susceptible   
## 148 2 Intermediate 0.12 Susceptible   
## 149 0.25 Intermediate 0.06 Susceptible   
## 150 0.5 Intermediate 0.06 Susceptible   
## 151 0.5 Intermediate 0.12 Susceptible   
## 152 0.5 Intermediate 0.06 Susceptible   
## 153 0.5 Intermediate >4 Resistant   
## 154 0.5 Intermediate 0.06 Susceptible   
## 155 0.5 Intermediate 0.06 Susceptible   
## 156 0.5 Intermediate 0.03 Susceptible   
## 157 0.5 Intermediate >4 Resistant   
## 158 0.5 Intermediate >4 Resistant   
## 159 0.5 Intermediate 0.06 Susceptible   
## 160 0.5 Intermediate >4 Resistant   
## 161 0.5 Intermediate 0.12 Susceptible   
## 162 0.5 Intermediate 0.06 Susceptible   
## 163 0.5 Intermediate 0.03 Susceptible   
## 164 0.5 Intermediate 0.12 Susceptible   
## 165 0.5 Intermediate 0.12 Susceptible   
## 166 0.25 Intermediate 0.06 Susceptible   
## 167 0.5 Intermediate 0.03 Susceptible   
## 168 0.5 Intermediate 0.12 Susceptible   
## 169 0.25 Intermediate 0.06 Susceptible   
## 170 0.5 Intermediate >4 Resistant   
## 171 0.5 Intermediate >4 Resistant   
## 172 1 Intermediate 0.12 Susceptible   
## 173 1 Intermediate 0.06 Susceptible   
## 174 1 Intermediate 0.06 Susceptible   
## 175 0.5 Intermediate 0.06 Susceptible   
## 176 1 Intermediate 0.03 Susceptible   
## 177 0.5 Intermediate 0.06 Susceptible   
## 178 0.5 Intermediate 0.06 Susceptible   
## 179 0.5 Intermediate 0.06 Susceptible   
## 180 0.5 Intermediate 0.06 Susceptible   
## 181 0.5 Intermediate 0.06 Susceptible   
## 182 1 Intermediate 0.06 Susceptible   
## 183 1 Intermediate 0.06 Susceptible   
## 184 1 Intermediate 0.06 Susceptible   
## 185 4 Resistant 0.06 Susceptible   
## 186 1 Intermediate 0.06 Susceptible   
## 187 2 Intermediate >4 Resistant   
## 188 2 Intermediate 0.06 Susceptible   
## 189 0.5 Intermediate 0.06 Susceptible   
## 190 1 Intermediate 0.03 Susceptible   
## 191 1 Intermediate 0.06 Susceptible   
## 192 1 Intermediate 0.03 Susceptible   
## 193 0.5 Intermediate 0.06 Susceptible   
## 194 0.5 Intermediate 0.06 Susceptible   
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## 196 0.5 Intermediate 0.06 Susceptible   
## 197 0.5 Intermediate 0.06 Susceptible   
## 198 0.5 Intermediate 0.06 Susceptible   
## 199 0.5 Intermediate 0.06 Susceptible   
## 200 0.5 Intermediate 0.12 Susceptible   
## 201 0.5 Intermediate 0.06 Susceptible   
## 202 0.5 Intermediate 0.06 Susceptible   
## 203 0.5 Intermediate 0.06 Susceptible   
## 204 1 Intermediate 0.06 Susceptible   
## 205 1 Intermediate 0.06 Susceptible   
## 206 0.5 Intermediate 0.06 Susceptible   
## 207 0.5 Intermediate 0.06 Susceptible   
## 208 1 Intermediate >4 Resistant   
## 209 0.5 Intermediate 0.06 Susceptible   
## 210 0.5 Intermediate 0.06 Susceptible   
## 211 0.5 Intermediate 0.06 Susceptible   
## 212 1 Intermediate 0.06 Susceptible   
## 213 0.5 Intermediate 0.06 Susceptible   
## 214 0.5 Intermediate 0.06 Susceptible   
## 215 0.5 Intermediate 0.06 Susceptible   
## 216 0.5 Intermediate 0.06 Susceptible   
## 217 4 Resistant 0.06 Susceptible   
## 218 0.5 Intermediate 0.06 Susceptible   
## 219 1 Intermediate 0.03 Susceptible   
## 220 0.5 Intermediate 0.06 Susceptible   
## 221 0.5 Intermediate 0.06 Susceptible   
## 222 0.5 Intermediate 0.03 Susceptible   
## 223 1 Intermediate 0.06 Susceptible   
## 224 1 Intermediate 0.12 Susceptible   
## 225 1 Intermediate >4 Resistant   
## 226 1 Intermediate 0.03 Susceptible   
## 227 1 Intermediate 0.06 Susceptible   
## 228 1 Intermediate 0.03 Susceptible   
## 229 1 Intermediate 0.06 Susceptible   
## 230 1 Intermediate 0.06 Susceptible   
## 231 1 Intermediate 0.06 Susceptible   
## 232 1 Intermediate 0.12 Susceptible   
## 233 1 Intermediate >4 Resistant   
## 234 0.5 Intermediate 0.03 Susceptible   
## 235 1 Intermediate 0.03 Susceptible   
## 236 1 Intermediate 0.03 Susceptible   
## 237 1 Intermediate 0.06 Susceptible   
## 238 1 Intermediate 0.06 Susceptible   
## 239 0.5 Intermediate 0.06 Susceptible   
## 240 1 Intermediate 0.12 Susceptible   
## 241 >4 Resistant 0.06 Susceptible   
## 242 1 Intermediate >4 Resistant   
## 243 1 Intermediate 0.06 Susceptible   
## 244 2 Intermediate 0.03 Susceptible   
## 245 1 Intermediate >4 Resistant   
## 246 1 Intermediate 0.06 Susceptible   
## 247 0.5 Intermediate 0.03 Susceptible   
## 248 1 Intermediate >4 Resistant   
## 249 1 Intermediate 0.06 Susceptible   
## 250 1 Intermediate 0.06 Susceptible   
## 251 1 Intermediate 0.06 Susceptible   
## 252 1 Intermediate 0.06 Susceptible   
## 253 1 Intermediate 0.06 Susceptible   
## 254 1 Intermediate 0.06 Susceptible   
## 255 1 Intermediate 0.12 Susceptible   
## 256 1 Intermediate 0.06 Susceptible   
## 257 2 Intermediate 0.06 Susceptible   
## 258 1 Intermediate 0.06 Susceptible   
## 259 1 Intermediate 0.06 Susceptible   
## 260 1 Intermediate 0.06 Susceptible   
## 261 1 Intermediate 0.5 Susceptible   
## 262 1 Intermediate 0.03 Susceptible   
## 263 1 Intermediate 0.12 Susceptible   
## 264 1 Intermediate 0.12 Susceptible   
## 265 1 Intermediate 0.06 Susceptible   
## 266 1 Intermediate 0.03 Susceptible   
## 267 1 Intermediate 0.06 Susceptible   
## 268 1 Intermediate 0.03 Susceptible   
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## 270 1 Intermediate 0.03 Susceptible   
## 271 1 Intermediate 0.03 Susceptible   
## 272 1 Intermediate 0.06 Susceptible   
## 273 1 Intermediate 0.06 Susceptible   
## 274 1 Intermediate 0.03 Susceptible   
## 275 1 Intermediate 0.06 Susceptible   
## 276 1 Intermediate 0.12 Susceptible   
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## 278 0.25 Intermediate 0.06 Susceptible   
## 279 0.5 Intermediate 0.06 Susceptible   
## 280 0.5 Intermediate 0.06 Susceptible   
## 281 0.5 Intermediate 0.03 Susceptible   
## 282 0.5 Intermediate 0.06 Susceptible   
## 283 1 Intermediate 0.06 Susceptible   
## 284 1 Intermediate 0.06 Susceptible   
## 285 0.25 Intermediate 0.03 Susceptible   
## 286 0.25 Intermediate 0.25 Susceptible   
## 287 1 Intermediate 0.06 Susceptible   
## 288 1 Intermediate 1 Susceptible   
## 289 0.5 Intermediate 0.06 Susceptible   
## 290 0.25 Intermediate >8 Resistant   
## 291 1 Intermediate 0.06 Susceptible   
## 292 0.5 Intermediate 0.03 Susceptible   
## 293 0.5 Intermediate 0.06 Susceptible   
## 294 0.5 Intermediate 0.03 Susceptible   
## 295 0.25 Intermediate 0.06 Susceptible   
## 296 0.5 Intermediate 0.03 Susceptible   
## 297 0.5 Intermediate 0.03 Susceptible   
## 298 0.5 Intermediate 0.06 Susceptible   
## 299 0.5 Intermediate 0.03 Susceptible   
## 300 0.5 Intermediate 0.03 Susceptible   
## 301 0.25 Intermediate 0.03 Susceptible   
## 302 1 Intermediate 0.06 Susceptible   
## 303 0.5 Intermediate 0.06 Susceptible   
## 304 1 Intermediate 0.06 Susceptible   
## 305 0.5 Intermediate 0.06 Susceptible   
## 306 0.5 Intermediate 0.25 Susceptible   
## 307 0.5 Intermediate 0.06 Susceptible   
## 308 0.5 Intermediate 0.06 Susceptible   
## 309 0.5 Intermediate 0.06 Susceptible   
## 310 0.5 Intermediate 0.06 Susceptible   
## 311 0.5 Intermediate 0.06 Susceptible   
## 312 0.5 Intermediate 0.06 Susceptible   
## 313 0.25 Intermediate >8 Resistant   
## 314 0.25 Intermediate 0.06 Susceptible   
## 315 0.25 Intermediate 0.06 Susceptible   
## 316 0.25 Intermediate 0.06 Susceptible   
## 317 0.5 Intermediate 0.06 Susceptible   
## 318 0.25 Intermediate 0.06 Susceptible   
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## 322 0.25 Intermediate 0.06 Susceptible   
## 323 0.5 Intermediate 0.06 Susceptible   
## 324 0.25 Intermediate 0.06 Susceptible   
## 325 0.25 Intermediate 0.12 Susceptible   
## 326 1 Intermediate 0.12 Susceptible   
## 327 >8 Resistant 0.06 Susceptible   
## 328 0.25 Intermediate 0.06 Susceptible   
## 329 0.5 Intermediate 0.06 Susceptible   
## 330 0.5 Intermediate 0.06 Susceptible   
## 331 0.25 Intermediate 0.12 Susceptible   
## 332 0.25 Intermediate 0.06 Susceptible   
## 333 0.25 Intermediate 0.06 Susceptible   
## 334 0.25 Intermediate 0.12 Susceptible   
## 335 0.25 Intermediate 0.06 Susceptible   
## 336 0.25 Intermediate 0.06 Susceptible   
## 337 0.25 Intermediate 0.12 Susceptible   
## 338 0.25 Intermediate 0.12 Susceptible   
## 339 0.25 Intermediate 0.12 Susceptible   
## 340 0.5 Intermediate 0.12 Susceptible   
## 341 0.25 Intermediate 0.06 Susceptible   
## 342 0.25 Intermediate 0.06 Susceptible   
## 343 0.5 Intermediate 0.12 Susceptible   
## 344 0.5 Intermediate 0.12 Susceptible   
## 345 0.25 Intermediate 0.12 Susceptible   
## 346 0.25 Intermediate 0.06 Susceptible   
## 347 0.25 Intermediate 0.06 Susceptible   
## 348 0.25 Intermediate 0.03 Susceptible   
## 349 0.25 Intermediate 0.06 Susceptible   
## 350 0.25 Intermediate 0.03 Susceptible   
## 351 0.25 Intermediate 0.03 Susceptible   
## 352 0.25 Intermediate 0.06 Susceptible   
## 353 0.12 Intermediate 0.03 Susceptible   
## 354 0.12 Intermediate 0.03 Susceptible   
## 355 0.25 Intermediate 0.06 Susceptible   
## 356 0.25 Intermediate 4 Resistant   
## 357 0.25 Intermediate 0.06 Susceptible   
## 358 0.25 Intermediate 0.06 Susceptible   
## 359 0.25 Intermediate 0.5 Susceptible   
## 360 2 Intermediate 0.25 Susceptible   
## 361 0.25 Intermediate 0.12 Susceptible   
## 362 2 Intermediate 1 Susceptible   
## 363 0.25 Intermediate 2 Intermediate   
## 364 0.25 Intermediate 0.12 Susceptible   
## 365 0.5 Intermediate 1 Susceptible   
## 366 0.5 Intermediate 0.12 Susceptible   
## 367 0.25 Intermediate 0.12 Susceptible   
## 368 0.25 Intermediate 0.12 Susceptible   
## 369 0.25 Intermediate 0.12 Susceptible   
## 370 0.25 Intermediate 0.06 Susceptible   
## 371 0.25 Intermediate 4 Resistant   
## 372 0.5 Intermediate 0.5 Susceptible   
## 373 0.5 Intermediate 1 Susceptible   
## 374 0.5 Intermediate 0.06 Susceptible   
## 375 0.25 Intermediate 0.06 Susceptible   
## 376 0.5 Intermediate 0.12 Susceptible   
## 377 0.25 Intermediate 0.06 Susceptible   
## 378 0.12 Intermediate 0.03 Susceptible   
## 379 1 Intermediate 0.5 Susceptible   
## 380 0.5 Intermediate 0.12 Susceptible   
## 381 0.25 Intermediate 0.06 Susceptible   
## 382 0.5 Intermediate 0.06 Susceptible   
## 383 0.25 Intermediate 0.06 Susceptible   
## 384 0.5 Intermediate 0.25 Susceptible   
## 385 0.12 Intermediate 0.03 Susceptible   
## 386 0.25 Intermediate 0.03 Susceptible   
## 387 0.25 Intermediate 0.25 Susceptible   
## 388 0.12 Intermediate 0.06 Susceptible   
## 389 0.5 Intermediate 0.06 Susceptible   
## 390 0.5 Intermediate 0.06 Susceptible   
## 391 0.25 Intermediate 1 Susceptible   
## 392 0.25 Intermediate 0.06 Susceptible   
## 393 0.5 Intermediate 0.06 Susceptible   
## 394 0.5 Intermediate 0.06 Susceptible   
## 395 0.5 Intermediate 0.12 Susceptible   
## 396 0.25 Intermediate 0.12 Susceptible   
## 397 0.12 Intermediate 0.5 Susceptible   
## 398 0.25 Intermediate >8 Resistant   
## 399 0.25 Intermediate 0.06 Susceptible   
## 400 1 Intermediate 0.06 Susceptible   
## 401 0.25 Intermediate 0.06 Susceptible   
## 402 0.25 Intermediate 0.06 Susceptible   
## 403 0.5 Intermediate 0.06 Susceptible   
## 404 0.25 Intermediate 0.06 Susceptible   
## 405 0.25 Intermediate 0.03 Susceptible   
## 406 0.25 Intermediate 1 Susceptible   
## 407 0.25 Intermediate 0.03 Susceptible   
## 408 0.25 Intermediate 0.03 Susceptible   
## 409 0.25 Intermediate 0.03 Susceptible   
## 410 0.25 Intermediate 0.06 Susceptible   
## 411 0.12 Intermediate 0.03 Susceptible   
## 412 0.25 Intermediate 0.03 Susceptible   
## 413 0.25 Intermediate 0.06 Susceptible   
## 414 0.25 Intermediate 0.03 Susceptible   
## 415 0.25 Intermediate 1 Susceptible   
## 416 0.5 Intermediate 0.03 Susceptible   
## 417 0.25 Intermediate 0.03 Susceptible   
## 418 1 Intermediate >8 Resistant   
## 419 0.25 Intermediate 0.03 Susceptible   
## 420 0.5 Intermediate 0.06 Susceptible   
## 421 0.25 Intermediate 0.06 Susceptible   
## 422 0.5 Intermediate 0.03 Susceptible   
## 423 0.5 Intermediate 0.06 Susceptible   
## 424 0.5 Intermediate 0.06 Susceptible   
## 425 0.5 Intermediate 0.12 Susceptible   
## 426 0.5 Intermediate 0.03 Susceptible   
## 427 0.25 Intermediate 0.03 Susceptible   
## 428 0.25 Intermediate 0.03 Susceptible   
## 429 0.25 Intermediate 0.06 Susceptible   
## 430 0.25 Intermediate 0.06 Susceptible   
## 431 0.25 Intermediate 0.06 Susceptible   
## 432 0.25 Intermediate 0.03 Susceptible   
## 433 0.12 Intermediate 0.03 Susceptible   
## 434 0.25 Intermediate 0.03 Susceptible   
## 435 0.25 Intermediate 0.03 Susceptible   
## 436 0.25 Intermediate 0.03 Susceptible   
## 437 0.25 Intermediate 0.03 Susceptible   
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## 439 0.25 Intermediate 0.03 Susceptible   
## 440 0.25 Intermediate 0.06 Susceptible   
## 441 0.25 Intermediate 0.03 Susceptible   
## 442 0.25 Intermediate 0.06 Susceptible   
## 443 0.25 Intermediate 0.12 Susceptible   
## 444 0.25 Intermediate 0.03 Susceptible   
## 445 0.25 Intermediate 0.03 Susceptible   
## 446 0.25 Intermediate 0.06 Susceptible   
## 447 0.5 Intermediate 0.06 Susceptible   
## 448 0.25 Intermediate 0.03 Susceptible   
## 449 0.25 Intermediate 0.03 Susceptible   
## 450 0.25 Intermediate 0.03 Susceptible   
## 451 0.5 Intermediate 0.06 Susceptible   
## 452 <=0.06 Intermediate 8 Resistant   
## 453 0.25 Intermediate >8 Resistant   
## 454 0.25 Intermediate 0.5 Susceptible   
## 455 0.25 Intermediate >8 Resistant   
## 456 0.25 Intermediate 0.12 Susceptible   
## 457 0.12 Intermediate 0.015 Susceptible   
## 458 0.5 Intermediate 0.03 Susceptible   
## 459 0.12 Intermediate >8 Resistant   
## 460 0.25 Intermediate 0.03 Susceptible   
## 461 0.25 Intermediate 0.12 Susceptible   
## 462 0.25 Intermediate 1 Susceptible   
## 463 0.25 Intermediate 0.03 Susceptible   
## 464 0.25 Intermediate 0.5 Susceptible   
## 465 0.25 Intermediate >8 Resistant   
## 466 0.25 Intermediate 0.03 Susceptible   
## 467 0.25 Intermediate 0.03 Susceptible   
## 468 0.5 Intermediate 0.03 Susceptible   
## 469 0.25 Intermediate 0.03 Susceptible   
## 470 0.5 Intermediate 0.03 Susceptible   
## 471 0.25 Intermediate 0.03 Susceptible   
## 472 0.5 Intermediate 0.015 Susceptible   
## 473 0.25 Intermediate >8 Resistant   
## 474 0.5 Intermediate 0.03 Susceptible   
## 475 0.25 Intermediate >8 Resistant   
## 476 0.25 Intermediate 0.03 Susceptible   
## 477 0.5 Intermediate 0.06 Susceptible   
## 478 0.25 Intermediate 0.06 Susceptible   
## 479 0.25 Intermediate 0.25 Susceptible   
## 480 0.25 Intermediate >8 Resistant   
## 481 0.25 Intermediate >8 Resistant   
## 482   
## 483   
## 484   
## 485 0.25 Intermediate 0.5 Susceptible   
## 486 0.25 Intermediate 2 Intermediate   
## 487 0.25 Intermediate 0.03 Susceptible   
## 488 0.25 Intermediate 0.03 Susceptible   
## 489 2 Intermediate 0.03 Susceptible   
## 490 0.25 Intermediate 0.06 Susceptible   
## 491 0.25 Intermediate 0.06 Susceptible   
## 492 0.5 Intermediate 0.12 Susceptible   
## 493 0.25 Intermediate 0.06 Susceptible   
## 494 0.25 Intermediate 4 Resistant   
## 495 0.25 Intermediate 0.03 Susceptible   
## 496 0.25 Intermediate 0.03 Susceptible   
## 497 0.25 Intermediate 0.25 Susceptible   
## 498 0.5 Intermediate 0.06 Susceptible   
## 499 0.25 Intermediate 0.03 Susceptible   
## 500 2 Intermediate 0.06 Susceptible   
## 501 0.25 Intermediate 0.25 Susceptible   
## 502 0.25 Intermediate 0.06 Susceptible   
## 503 0.25 Intermediate 1 Susceptible   
## 504 0.25 Intermediate 0.5 Susceptible   
## 505 0.25 Intermediate 0.03 Susceptible   
## 506 0.25 Intermediate 0.12 Susceptible   
## 507 1 Intermediate 0.06 Susceptible   
## 508 0.25 Intermediate 0.03 Susceptible   
## 509 0.25 Intermediate 0.03 Susceptible   
## 510 0.25 Intermediate 0.5 Susceptible   
## 511 0.25 Intermediate 0.06 Susceptible   
## 512 0.25 Intermediate 0.03 Susceptible   
## 513 0.25 Intermediate 0.25 Susceptible   
## 514 0.25 Intermediate 0.015 Susceptible   
## 515 0.25 Intermediate 0.25 Susceptible   
## 516 0.25 Intermediate 0.03 Susceptible   
## 517 0.5 Intermediate 2 Intermediate   
## 518   
## 519 >4 Resistant 0.25 Intermediate   
## 520 >4 Resistant 0.25 Intermediate   
## 521 >4 Resistant 0.12 Intermediate   
## 522 >4 Resistant 0.5 Intermediate   
## 523 >4 Resistant 0.25 Intermediate   
## 524 >4 Resistant 0.25 Intermediate   
## 525 0.5 Intermediate 0.5 Intermediate   
## 526 4 Resistant 0.5 Intermediate   
## 527 >4 Resistant 0.25 Intermediate   
## 528 >4 Resistant 0.25 Intermediate   
## 529 2 Resistant 0.5 Intermediate   
## 530 1 Resistant 0.5 Intermediate   
## 531 4 Resistant 0.5 Intermediate   
## 532 4 Resistant 0.5 Intermediate   
## 533 <=0.12 Susceptible 0.25 Intermediate   
## 534 2 Resistant 0.25 Intermediate   
## 535 <=0.12 Susceptible 0.5 Intermediate   
## 536 >4 Resistant 0.5 Intermediate   
## 537 >4 Resistant 0.5 Intermediate   
## 538 >4 Resistant 0.25 Intermediate   
## 539 >4 Resistant 0.5 Intermediate   
## 540 >4 Resistant 0.5 Intermediate   
## 541 0.5 Intermediate 0.5 Intermediate   
## 542 4 Resistant 0.5 Intermediate   
## 543 <=0.12 Susceptible 1 Intermediate   
## 544 0.5 Intermediate 0.5 Intermediate   
## 545 >4 Resistant 1 Intermediate   
## 546 <=0.12 Susceptible 1 Intermediate   
## 547 >4 Resistant 0.5 Intermediate   
## 548 2 Resistant 1 Intermediate   
## 549 2 Resistant 0.5 Intermediate   
## 550 >4 Resistant 1 Intermediate   
## 551 1 Resistant 0.5 Intermediate   
## 552 >4 Resistant 1 Intermediate   
## 553 >4 Resistant 0.5 Intermediate   
## 554 >4 Resistant 0.5 Intermediate   
## 555 <=0.12 Susceptible 0.5 Intermediate   
## 556 >4 Resistant 0.25 Intermediate   
## 557 1 Resistant 1 Intermediate   
## 558 >4 Resistant 1 Intermediate   
## 559 >4 Resistant 0.5 Intermediate   
## 560 >4 Resistant 0.5 Intermediate   
## 561 1 Resistant 2 Intermediate   
## 562 >4 Resistant 1 Intermediate   
## 563 >4 Resistant 0.5 Intermediate   
## 564 >4 Resistant 0.5 Intermediate   
## 565 >4 Resistant 0.12 Intermediate   
## 566 >4 Resistant 0.5 Intermediate   
## 567 >4 Resistant 0.25 Intermediate   
## 568 >4 Resistant 0.5 Intermediate   
## 569 >4 Resistant 0.5 Intermediate   
## 570 >4 Resistant <=0.06 Intermediate   
## 571 >4 Resistant 0.5 Intermediate   
## 572 >4 Resistant 0.25 Intermediate   
## 573 >4 Resistant 0.12 Intermediate   
## 574 >4 Resistant 0.5 Intermediate   
## 575 >4 Resistant 0.5 Intermediate   
## 576 >4 Resistant 0.5 Intermediate   
## 577 >4 Resistant 0.5 Intermediate   
## 578 >4 Resistant 0.25 Intermediate   
## 579 1 Resistant 1 Intermediate   
## 580 >4 Resistant 0.5 Intermediate   
## 581 >4 Resistant 0.25 Intermediate   
## 582 1 Resistant 0.5 Intermediate   
## 583 >4 Resistant 0.5 Intermediate   
## 584 0.5 Intermediate 0.5 Intermediate   
## 585 >4 Resistant <=0.06 Intermediate   
## 586 4 Resistant <=0.06 Intermediate   
## 587 >4 Resistant <=0.06 Intermediate   
## 588 4 Resistant 0.25 Intermediate   
## 589 4 Resistant 1 Intermediate   
## 590 2 Resistant 0.5 Intermediate   
## 591 >4 Resistant 0.5 Intermediate   
## 592 >4 Resistant <=0.06 Intermediate   
## 593 >4 Resistant 0.25 Intermediate   
## 594 2 Resistant 0.5 Intermediate   
## 595 4 Resistant 0.5 Intermediate   
## 596 0.25 Susceptible 0.25 Intermediate   
## 597 >4 Resistant 0.25 Intermediate   
## 598 >4 Resistant 0.5 Intermediate   
## 599 4 Resistant 0.5 Intermediate   
## 600 4 Resistant 0.5 Intermediate   
## 601 >4 Resistant 0.5 Intermediate   
## 602 2 Resistant 0.25 Intermediate   
## 603 2 Resistant 0.5 Intermediate   
## 604 >4 Resistant 0.12 Intermediate   
## 605 >4 Resistant 0.25 Intermediate   
## 606 >4 Resistant 0.5 Intermediate   
## 607 1 Resistant 0.5 Intermediate   
## 608 2 Resistant 0.5 Intermediate   
## 609 >4 Resistant 0.25 Intermediate   
## 610 >4 Resistant 0.25 Intermediate   
## 611 0.5 Intermediate 0.5 Intermediate   
## 612 >4 Resistant 0.5 Intermediate   
## 613 >4 Resistant 0.25 Intermediate   
## 614 2 Resistant 0.25 Intermediate   
## 615 1 Resistant 0.12 Intermediate   
## 616 2 Resistant 0.25 Intermediate   
## 617 >4 Resistant 0.5 Intermediate   
## 618 >4 Resistant 0.12 Intermediate   
## 619 2 Resistant 0.5 Intermediate   
## 620 >4 Resistant 0.25 Intermediate   
## 621 >4 Resistant 0.25 Intermediate   
## 622 >4 Resistant 1 Intermediate   
## 623 0.25 Susceptible 0.5 Intermediate   
## 624 >4 Resistant 0.5 Intermediate   
## 625 >4 Resistant 0.5 Intermediate   
## 626 >4 Resistant 0.5 Intermediate   
## 627 <=0.12 Susceptible 0.25 Intermediate   
## 628 1 Resistant 1 Intermediate   
## 629 2 Resistant 0.5 Intermediate   
## 630 >4 Resistant 0.5 Intermediate   
## 631 >4 Resistant 0.25 Intermediate   
## 632 >4 Resistant 0.5 Intermediate   
## 633 >4 Resistant 0.5 Intermediate   
## 634 >4 Resistant 0.5 Intermediate   
## 635 >4 Resistant 0.5 Intermediate   
## 636 >4 Resistant 0.5 Intermediate   
## 637 0.25 Susceptible 0.25 Intermediate   
## 638 >4 Resistant 0.5 Intermediate   
## 639 >4 Resistant 0.25 Intermediate   
## 640 >4 Resistant 0.5 Intermediate   
## 641 1 Resistant 1 Intermediate   
## 642 >4 Resistant 0.25 Intermediate   
## 643 >4 Resistant 0.25 Intermediate   
## 644 >4 Resistant 0.25 Intermediate   
## 645 >4 Resistant 0.25 Intermediate   
## 646 >4 Resistant 0.25 Intermediate   
## 647 >4 Resistant 0.5 Intermediate   
## 648 1 Resistant 0.25 Intermediate   
## 649 >4 Resistant 0.5 Intermediate   
## 650 >4 Resistant 0.25 Intermediate   
## 651 >4 Resistant 0.25 Intermediate   
## 652 >4 Resistant 0.25 Intermediate   
## 653 2 Resistant 0.5 Intermediate   
## 654 >4 Resistant 0.25 Intermediate   
## 655 >4 Resistant 0.5 Intermediate   
## 656 >4 Resistant 0.25 Intermediate   
## 657 1 Resistant 0.25 Intermediate   
## 658 <=0.12 Susceptible 0.25 Intermediate   
## 659 4 Resistant 0.25 Intermediate   
## 660 >4 Resistant 0.25 Intermediate   
## 661 1 Resistant 0.5 Intermediate   
## 662 2 Resistant 0.5 Intermediate   
## 663 >4 Resistant 0.25 Intermediate   
## 664 >4 Resistant 0.12 Intermediate   
## 665 2 Resistant 0.25 Intermediate   
## 666 0.5 Intermediate 0.5 Intermediate   
## 667 >4 Resistant 0.25 Intermediate   
## 668 >4 Resistant 0.25 Intermediate   
## 669 <=0.12 Susceptible 0.5 Intermediate   
## 670 2 Resistant 0.5 Intermediate   
## 671 2 Resistant 0.5 Intermediate   
## 672 <=0.12 Susceptible 0.5 Intermediate   
## 673 4 Resistant 0.5 Intermediate   
## 674 >4 Resistant 0.5 Intermediate   
## 675 >4 Resistant 0.5 Intermediate   
## 676 1 Resistant 0.5 Intermediate   
## 677 >4 Resistant 0.5 Intermediate   
## 678 2 Resistant 1 Intermediate   
## 679 >4 Resistant 1 Intermediate   
## 680 2 Resistant 0.5 Intermediate   
## 681 >4 Resistant 0.5 Intermediate   
## 682 >4 Resistant 0.5 Intermediate   
## 683 4 Resistant 0.5 Intermediate   
## 684 0.25 Susceptible 0.5 Intermediate   
## 685 >4 Resistant 0.12 Intermediate   
## 686 >4 Resistant 0.5 Intermediate   
## 687 0.25 Susceptible 0.5 Intermediate   
## 688 >4 Resistant 0.12 Intermediate   
## 689 0.25 Susceptible 0.12 Intermediate   
## 690 >4 Resistant 0.12 Intermediate   
## 691 >4 Resistant 0.25 Intermediate   
## 692 >4 Resistant 0.5 Intermediate   
## 693 >4 Resistant 0.5 Intermediate   
## 694 >4 Resistant 1 Intermediate   
## 695 >4 Resistant 0.5 Intermediate   
## 696 >4 Resistant 0.5 Intermediate   
## 697 >4 Resistant 0.5 Intermediate   
## 698 >4 Resistant 1 Intermediate   
## 699 >4 Resistant 0.5 Intermediate   
## 700 0.25 Susceptible 0.25 Intermediate   
## 701 >4 Resistant 0.5 Intermediate   
## 702 >4 Resistant 0.5 Intermediate   
## 703 >4 Resistant 1 Intermediate   
## 704 1 Resistant 1 Intermediate   
## 705 0.5 Intermediate 0.5 Intermediate   
## 706 >4 Resistant 0.5 Intermediate   
## 707 >4 Resistant 0.5 Intermediate   
## 708 0.5 Intermediate 0.25 Intermediate   
## 709 2 Resistant 0.12 Intermediate   
## 710 2 Resistant 0.12 Intermediate   
## 711 >4 Resistant 0.5 Intermediate   
## 712 >4 Resistant 0.5 Intermediate   
## 713 >4 Resistant 0.5 Intermediate   
## 714 >4 Resistant 0.5 Intermediate   
## 715 >4 Resistant 1 Intermediate   
## 716 >4 Resistant 2 Intermediate   
## 717 2 Resistant 0.5 Intermediate   
## 718 2 Resistant 0.5 Intermediate   
## 719 >4 Resistant 0.5 Intermediate   
## 720 2 Resistant 0.5 Intermediate   
## 721 2 Resistant 0.5 Intermediate   
## 722 4 Resistant 0.5 Intermediate   
## 723 2 Resistant 0.5 Intermediate   
## 724 2 Resistant 1 Intermediate   
## 725 0.25 Susceptible 0.5 Intermediate   
## 726 2 Resistant 0.5 Intermediate   
## 727 >4 Resistant 1 Intermediate   
## 728 2 Resistant 0.5 Intermediate   
## 729 <=0.12 Susceptible 0.5 Intermediate   
## 730 2 Resistant 0.5 Intermediate   
## 731 2 Resistant 0.5 Intermediate   
## 732 2 Resistant 0.5 Intermediate   
## 733 2 Resistant 0.5 Intermediate   
## 734 2 Resistant 0.5 Intermediate   
## 735 2 Resistant 0.5 Intermediate   
## 736 <=0.12 Susceptible 1 Intermediate   
## 737 <=0.12 Susceptible 1 Intermediate   
## 738 <=0.12 Susceptible 0.5 Intermediate   
## 739 4 Resistant 1 Intermediate   
## 740 >4 Resistant 1 Intermediate   
## 741 1 Resistant 0.5 Intermediate   
## 742 >4 Resistant 0.5 Intermediate   
## 743 >4 Resistant 0.5 Intermediate   
## 744 2 Resistant 0.5 Intermediate   
## 745 0.5 Intermediate 0.5 Intermediate   
## 746 2 Resistant 0.5 Intermediate   
## 747 0.5 Intermediate 0.5 Intermediate   
## 748 0.5 Intermediate 1 Intermediate   
## 749 <=0.12 Susceptible 0.5 Intermediate   
## 750 2 Resistant 0.5 Intermediate   
## 751 >4 Resistant 0.5 Intermediate   
## 752 >4 Resistant 0.5 Intermediate   
## 753 0.5 Intermediate 0.5 Intermediate   
## 754 >4 Resistant 1 Intermediate   
## 755 <=0.12 Susceptible 0.25 Intermediate   
## 756 <=0.12 Susceptible 0.5 Intermediate   
## 757 2 Resistant 0.5 Intermediate   
## 758 >4 Resistant 0.5000 Intermediate   
## 759 1.0000 Resistant 0.2500 Intermediate   
## 760 1.0000 Resistant 0.5000 Intermediate   
## 761 >4 Resistant 0.5000 Intermediate   
## 762 >4 Resistant 0.2500 Intermediate   
## 763 >4 Resistant 0.5000 Intermediate   
## 764 >4 Resistant 0.5000 Intermediate   
## 765 <=0.12 Susceptible 0.5000 Intermediate   
## 766 2.0000 Resistant 0.5000 Intermediate   
## 767 >4 Resistant 0.5000 Intermediate   
## 768 >4 Resistant 0.2500 Intermediate   
## 769 0.5000 Intermediate 0.2500 Intermediate   
## 770 1.0000 Resistant 0.5000 Intermediate   
## 771 0.5000 Intermediate 0.2500 Intermediate   
## 772 >4 Resistant 0.1200 Intermediate   
## 773 >4 Resistant 0.2500 Intermediate   
## 774 0.2500 Susceptible 0.1200 Intermediate   
## 775 >4 Resistant 0.2500 Intermediate   
## 776 >4 Resistant 0.2500 Intermediate   
## 777 >4 Resistant 0.1200 Intermediate   
## 778 >4 Resistant 0.2500 Intermediate   
## 779 <=0.12 Susceptible 0.2500 Intermediate   
## 780 <=0.12 Susceptible 0.5000 Intermediate   
## 781 0.2500 Susceptible 0.5000 Intermediate   
## 782 >4 Resistant 1.0000 Intermediate   
## 783 >4 Resistant 0.5000 Intermediate   
## 784 >4 Resistant 0.5000 Intermediate   
## 785 >4 Resistant 0.5000 Intermediate   
## 786 >4 Resistant 0.5000 Intermediate   
## 787 >4 Resistant 1.0000 Intermediate   
## 788 <=0.12 Susceptible 1.0000 Intermediate   
## 789 2.0000 Resistant 0.5000 Intermediate   
## 790 4.0000 Resistant 1.0000 Intermediate   
## 791 >4 Resistant 1.0000 Intermediate   
## 792 >4 Resistant 0.5000 Intermediate   
## 793 >4 Resistant 0.5000 Intermediate   
## 794 >4 Resistant 0.5000 Intermediate   
## 795 >4 Resistant 0.5000 Intermediate   
## 796 <=0.12 Susceptible 0.5000 Intermediate   
## 797 >4 Resistant 0.2500 Intermediate   
## 798 >4 Resistant 0.5000 Intermediate   
## 799 0.5000 Intermediate 0.5000 Intermediate   
## 800 >4 Resistant 0.2500 Intermediate   
## 801 >4 Resistant 2.0000 Intermediate   
## 802 >4 Resistant 0.5000 Intermediate   
## 803 1.0000 Resistant 1.0000 Intermediate   
## 804 0.5000 Intermediate 0.5000 Intermediate   
## 805 2.0000 Resistant 0.5000 Intermediate   
## 806 4.0000 Resistant 1.0000 Intermediate   
## 807 >4 Resistant 0.5000 Intermediate   
## 808 >4 Resistant 1.0000 Intermediate   
## 809 >4 Resistant 0.5000 Intermediate   
## 810 >4 Resistant 0.5000 Intermediate   
## 811 >4 Resistant 0.2500 Intermediate   
## 812 >4 Resistant 0.5000 Intermediate   
## 813 0.2500 Susceptible 0.5000 Intermediate   
## 814 0.5000 Intermediate 0.5000 Intermediate   
## 815 >4 Resistant 0.5000 Intermediate   
## 816 <=0.12 Susceptible 0.5000 Intermediate   
## 817 >4 Resistant 0.5000 Intermediate   
## 818 >4 Resistant 0.5000 Intermediate   
## 819 >4 Resistant 0.5000 Intermediate   
## 820 1.0000 Resistant 0.5000 Intermediate   
## 821 >4 Resistant 0.5000 Intermediate   
## 822 >4 Resistant 0.5000 Intermediate   
## 823 >4 Resistant 0.5000 Intermediate   
## 824 >4 Resistant 0.5000 Intermediate   
## 825 >4 Resistant 1.0000 Intermediate   
## 826 >4 Resistant 1.0000 Intermediate   
## 827 >4 Resistant 0.5000 Intermediate   
## 828 >4 Resistant 1.0000 Intermediate   
## 829 >4 Resistant 0.5000 Intermediate   
## 830 1.0000 Resistant 0.5000 Intermediate   
## 831 0.5000 Intermediate 0.2500 Intermediate   
## 832 >4 Resistant 0.2500 Intermediate   
## 833 >4 Resistant 0.5000 Intermediate   
## 834 >4 Resistant 0.2500 Intermediate   
## 835 >4 Resistant 0.5000 Intermediate   
## 836 >4 Resistant 0.5000 Intermediate   
## 837 >4 Resistant 0.5000 Intermediate   
## 838 >4 Resistant 0.5000 Intermediate   
## 839 4.0000 Resistant 0.5000 Intermediate   
## 840 >4 Resistant 0.5000 Intermediate   
## 841 >4 Resistant 0.5000 Intermediate   
## 842 1.0000 Resistant 0.2500 Intermediate   
## 843 1.0000 Resistant 0.5000 Intermediate   
## 844 <=0.12 Susceptible 0.5000 Intermediate   
## 845 >4 Resistant 0.5000 Intermediate   
## 846 >4 Resistant 0.2500 Intermediate   
## 847 >4 Resistant 0.5000 Intermediate   
## 848 >4 Resistant 0.5000 Intermediate   
## 849 >4 Resistant 0.5000 Intermediate   
## 850 1.0000 Resistant 0.5000 Intermediate   
## 851 0.2500 Susceptible 2.0000 Intermediate   
## 852 2.0000 Resistant 0.2500 Intermediate   
## 853 >4 Resistant 2.0000 Intermediate   
## 854 <=0.12 Susceptible 0.5000 Intermediate   
## 855 <=0.12 Susceptible 0.5000 Intermediate   
## 856 1.0000 Resistant 0.5000 Intermediate   
## 857 1.0000 Resistant 1.0000 Intermediate   
## 858 4.0000 Resistant 0.5000 Intermediate   
## 859 2.0000 Resistant 1.0000 Intermediate   
## 860 1.0000 Resistant 0.5000 Intermediate   
## 861 1.0000 Resistant 1.0000 Intermediate   
## 862 >4 Resistant 0.5000 Intermediate   
## 863 2.0000 Resistant 0.5000 Intermediate   
## 864 <=0.12 Susceptible 0.5000 Intermediate   
## 865 >4 Resistant 0.5000 Intermediate   
## 866 2.0000 Resistant 1.0000 Intermediate   
## 867 1.0000 Resistant 0.5000 Intermediate   
## 868 >4 Resistant 1.0000 Intermediate   
## 869 >4 Resistant 0.5000 Intermediate   
## 870 4.0000 Resistant 0.5000 Intermediate   
## 871 >4 Resistant 0.2500 Intermediate   
## 872 >4 Resistant 0.5000 Intermediate   
## 873 2.0000 Resistant 0.5000 Intermediate   
## 874 0.2500 Susceptible 0.2500 Intermediate   
## 875 >4 Resistant 1.0000 Intermediate   
## 876 >4 Resistant 1.0000 Intermediate   
## 877 2.0000 Resistant 0.5000 Intermediate   
## 878 >4 Resistant 0.2500 Intermediate   
## 879 1.0000 Resistant 0.5000 Intermediate   
## 880 4.0000 Resistant 0.2500 Intermediate   
## 881 >4 Resistant 0.5000 Intermediate   
## 882 >4 Resistant 0.2500 Intermediate   
## 883 >4 Resistant 0.5000 Intermediate   
## 884 <=0.12 Susceptible 0.5000 Intermediate   
## 885 2.0000 Resistant 1.0000 Intermediate   
## 886 >4 Resistant 0.5000 Intermediate   
## 887 >4 Resistant 0.5000 Intermediate   
## 888 >4 Resistant 0.5000 Intermediate   
## 889 >4 Resistant 0.5000 Intermediate   
## 890 >4 Resistant 0.5000 Intermediate   
## 891 >4 Resistant 0.5000 Intermediate   
## 892 >4 Resistant 0.5000 Intermediate   
## 893 4.0000 Resistant 0.5000 Intermediate   
## 894 4.0000 Resistant 1.0000 Intermediate   
## 895 >4 Resistant 0.5000 Intermediate   
## 896 >4 Resistant 0.5000 Intermediate   
## 897 >4 Resistant 0.5000 Intermediate   
## 898 4.0000 Resistant 1.0000 Intermediate   
## 899 1.0000 Resistant 0.5000 Intermediate   
## 900 4.0000 Resistant 0.5000 Intermediate   
## 901 >4 Resistant 0.5000 Intermediate   
## 902 4.0000 Resistant 0.5000 Intermediate   
## 903 2.0000 Resistant 1.0000 Intermediate   
## 904 >4 Resistant 0.2500 Intermediate   
## 905 >4 Resistant 0.5000 Intermediate   
## 906 >4 Resistant 0.2500 Intermediate   
## 907 2.0000 Resistant 0.5000 Intermediate   
## 908 >4 Resistant 0.2500 Intermediate   
## 909 >4 Resistant 0.5000 Intermediate   
## 910 >4 Resistant 0.2500 Intermediate   
## 911 2.0000 Resistant 1.0000 Intermediate   
## 912 2.0000 Resistant 0.5000 Intermediate   
## 913 >4 Resistant 0.2500 Intermediate   
## 914 >4 Resistant 0.2500 Intermediate   
## 915 >4 Resistant 0.2500 Intermediate   
## 916 >4 Resistant 0.5000 Intermediate   
## 917 >4 Resistant 0.2500 Intermediate   
## 918 >4 Resistant 0.5000 Intermediate   
## 919 >4 Resistant 0.5000 Intermediate   
## 920 0.5000 Intermediate 0.5000 Intermediate   
## 921 >4 Resistant 0.2500 Intermediate   
## 922 >4 Resistant 1.0000 Intermediate   
## 923 0.2500 Susceptible 0.2500 Intermediate   
## 924 >4 Resistant 0.2500 Intermediate   
## 925 >4 Resistant 1.0000 Intermediate   
## 926 >4 Resistant 1.0000 Intermediate   
## 927 <=0.12 Susceptible 0.5000 Intermediate   
## 928 <=0.12 Susceptible 1.0000 Intermediate   
## 929 4.0000 Resistant 1.0000 Intermediate   
## 930 1.0000 Resistant 1.0000 Intermediate   
## 931 2.0000 Resistant 1.0000 Intermediate   
## 932 >4 Resistant 1.0000 Intermediate   
## 933 <=0.12 Susceptible 1.0000 Intermediate   
## 934 <=0.12 Susceptible 1.0000 Intermediate   
## 935 <=0.12 Susceptible 0.5000 Intermediate   
## 936 <=0.12 Susceptible 0.5000 Intermediate   
## 937 1.0000 Resistant 0.5000 Intermediate   
## 938 <=0.12 Susceptible 1.0000 Intermediate   
## 939 >4 Resistant 1.0000 Intermediate   
## 940 >4 Resistant 0.5000 Intermediate   
## 941 >4 Resistant 0.5000 Intermediate   
## 942 0.5000 Intermediate 0.2500 Intermediate   
## 943 >4 Resistant 0.2500 Intermediate   
## 944 >4 Resistant 0.2500 Intermediate   
## 945 >4 Resistant 0.2500 Intermediate   
## 946 >4 Resistant 0.2500 Intermediate   
## 947 >4 Resistant 1.0000 Intermediate   
## 948 >4 Resistant 0.5000 Intermediate   
## 949 <=0.12 Susceptible 1.0000 Intermediate   
## 950 1.0000 Resistant 0.2500 Intermediate   
## 951 0.2500 Susceptible 1.0000 Intermediate   
## 952 >4 Resistant 0.2500 Intermediate   
## 953 >4 Resistant 0.2500 Intermediate   
## 954 0.5000 Intermediate 0.5000 Intermediate   
## 955 <=0.12 Susceptible 1.0000 Intermediate   
## 956 >4 Resistant 1.0000 Intermediate   
## 957 0.2500 Susceptible 1.0000 Intermediate   
## 958 >4 Resistant 0.5000 Intermediate   
## 959 <=0.12 Susceptible 0.5000 Intermediate   
## 960 <=0.12 Susceptible 1.0000 Intermediate   
## 961 >4 Resistant 0.5000 Intermediate   
## 962 >4 Resistant 0.5000 Intermediate   
## 963 >4 Resistant 0.5000 Intermediate   
## 964 >4 Resistant 0.5000 Intermediate   
## 965 >4 Resistant 0.5000 Intermediate   
## 966 <=0.12 Susceptible 0.5000 Intermediate   
## 967 >4 Resistant 0.5000 Intermediate   
## 968 >4 Resistant 0.5000 Intermediate   
## 969 >4 Resistant 1.0000 Intermediate   
## 970 0.5000 Intermediate 0.2500 Intermediate   
## 971 >4 Resistant >8 Resistant   
## 972 >4 Resistant 0.5000 Intermediate   
## 973 >4 Resistant 0.5000 Intermediate   
## 974 >4 Resistant 0.2500 Intermediate   
## 975 >4 Resistant 0.5000 Intermediate   
## 976 <=0.12 Susceptible 0.5000 Intermediate   
## 977 >4 Resistant 0.5000 Intermediate   
## 978 >4 Resistant 0.5000 Intermediate   
## 979 >4 Resistant 0.5000 Intermediate   
## 980 >4 Resistant 1.0000 Intermediate   
## 981 4.0000 Resistant 0.5000 Intermediate   
## 982 >4 Resistant 0.5000 Intermediate   
## 983 >4 Resistant 0.5000 Intermediate   
## 984 >4 Resistant 1.0000 Intermediate   
## 985 >4 Resistant 1.0000 Intermediate   
## 986 >4 Resistant 0.5000 Intermediate   
## 987 2.0000 Resistant 0.5000 Intermediate   
## 988 >4 Resistant 0.5000 Intermediate   
## 989 >4 Resistant 2.0000 Intermediate   
## 990 >4 Resistant 0.5000 Intermediate   
## 991 >4 Resistant 0.5000 Intermediate   
## 992 0.5000 Intermediate 0.5000 Intermediate   
## 993 1.0000 Resistant 2.0000 Intermediate   
## 994 2.0000 Resistant 0.5000 Intermediate   
## 995 >4 Resistant 1.0000 Intermediate   
## 996 >4 Resistant 1.0000 Intermediate   
## 997 >4 Resistant 0.5000 Intermediate   
## 998 >4 Resistant 0.5000 Intermediate   
## 999 >4 Resistant 0.5000 Intermediate   
## 1000 >4 Resistant 1.0000 Intermediate   
## 1001 >4 Resistant >8 Resistant   
## 1002 >4 Resistant 1.0000 Intermediate   
## 1003 >4 Resistant 1.0000 Intermediate   
## 1004 >4 Resistant 1.0000 Intermediate   
## 1005 >4 Resistant 0.5000 Intermediate   
## 1006 >4 Resistant 0.5000 Intermediate   
## 1007 >4 Resistant 0.5000 Intermediate   
## 1008 >4 Resistant 1.0000 Intermediate   
## 1009 0.5000 Intermediate 0.5000 Intermediate   
## 1010 >4 Resistant 1.0000 Intermediate   
## 1011 >4 Resistant 1.0000 Intermediate   
## 1012 >4 Resistant 0.5000 Intermediate   
## 1013 >4 Resistant 0.5000 Intermediate   
## 1014 2.0000 Resistant 0.5000 Intermediate   
## 1015 >4 Resistant 0.5000 Intermediate   
## 1016 >4 Resistant 0.5000 Intermediate   
## 1017 >4 Resistant 0.5000 Intermediate   
## 1018 4.0000 Resistant 0.5000 Intermediate   
## 1019 >4 Resistant 0.5000 Intermediate   
## 1020 >4 Resistant 0.5000 Intermediate   
## 1021 4.0000 Resistant 0.5000 Intermediate   
## 1022 4.0000 Resistant 1.0000 Intermediate   
## 1023 >4 Resistant 0.5000 Intermediate   
## 1024 2.0000 Resistant 0.5000 Intermediate   
## 1025 >4 Resistant 0.5000 Intermediate   
## 1026 >4 Resistant 0.5000 Intermediate   
## 1027 >4 Resistant 0.5000 Intermediate   
## 1028 <=0.12 Susceptible 0.5000 Intermediate   
## 1029 4.0000 Resistant 0.5000 Intermediate   
## 1030 4.0000 Resistant 0.5000 Intermediate   
## 1031 2.0000 Resistant 0.5000 Intermediate   
## 1032 2.0000 Resistant 0.5000 Intermediate   
## 1033 2.0000 Resistant 0.5000 Intermediate   
## 1034 2.0000 Resistant 0.5000 Intermediate   
## 1035 1.0000 Resistant 1.0000 Intermediate   
## 1036 2.0000 Resistant 0.5000 Intermediate   
## 1037 >4 Resistant 0.5000 Intermediate   
## 1038 >4 Resistant <=0.12 Intermediate   
## 1039 0.5000 Intermediate <=0.12 Intermediate   
## 1040 >4 Resistant <=0.12 Intermediate   
## 1041 >4 Resistant 0.5000 Intermediate   
## 1042 >4 Resistant <=0.12 Intermediate   
## 1043 >4 Resistant <=0.12 Intermediate   
## 1044 >4 Resistant <=0.12 Intermediate   
## 1045 >4 Resistant 0.2500 Intermediate   
## 1046 >4 Resistant <=0.12 Intermediate   
## 1047 2.0000 Resistant <=0.12 Intermediate   
## 1048 1.0000 Resistant <=0.12 Intermediate   
## 1049 >4 Resistant <=0.12 Intermediate   
## 1050 >4 Resistant <=0.12 Intermediate   
## 1051 >4 Resistant <=0.12 Intermediate   
## 1052 >4 Resistant 0.5000 Intermediate   
## 1053 >4 Resistant 0.2500 Intermediate   
## 1054 >4 Resistant 0.5000 Intermediate   
## 1055 >4 Resistant 0.5000 Intermediate   
## 1056 >4 Resistant 0.5000 Intermediate   
## 1057 >4 Resistant 0.5000 Intermediate   
## 1058 >4 Resistant 0.5000 Intermediate   
## 1059 >4 Resistant 0.5000 Intermediate   
## 1060 1.0000 Resistant 0.5000 Intermediate   
## 1061 >4 Resistant 0.5000 Intermediate   
## 1062 >4 Resistant 0.5000 Intermediate   
## 1063 >4 Resistant 0.5000 Intermediate   
## 1064 >4 Resistant <=0.12 Intermediate   
## 1065 >4 Resistant <=0.12 Intermediate   
## 1066 >4 Resistant <=0.12 Intermediate   
## 1067 >4 Resistant <=0.12 Intermediate   
## 1068 <=0.06 Susceptible <=0.12 Intermediate   
## 1069 >4 Resistant <=0.12 Intermediate   
## 1070 >4 Resistant <=0.12 Intermediate   
## 1071 2.0000 Resistant <=0.12 Intermediate   
## 1072 4.0000 Resistant <=0.12 Intermediate   
## 1073 >4 Resistant 0.2500 Intermediate   
## 1074 >4 Resistant 0.2500 Intermediate   
## 1075 >4 Resistant 0.2500 Intermediate   
## 1076 >4 Resistant <=0.12 Intermediate   
## 1077 >4 Resistant <=0.12 Intermediate   
## 1078 0.5000 Intermediate <=0.12 Intermediate   
## 1079 0.5000 Intermediate <=0.12 Intermediate   
## 1080 0.2500 Susceptible <=0.12 Intermediate   
## 1081 >4 Resistant <=0.12 Intermediate   
## 1082 >4 Resistant <=0.12 Intermediate   
## 1083 >4 Resistant <=0.12 Intermediate   
## 1084 >4 Resistant <=0.12 Intermediate   
## 1085 <=0.06 Susceptible 0.2500 Intermediate   
## 1086 >4 Resistant 0.2500 Intermediate   
## 1087 >4 Resistant 0.2500 Intermediate   
## 1088 >4 Resistant 0.2500 Intermediate   
## 1089 >4 Resistant <=0.12 Intermediate   
## 1090 >4 Resistant <=0.12 Intermediate   
## 1091 >4 Resistant <=0.12 Intermediate   
## 1092 >4 Resistant <=0.12 Intermediate   
## 1093 >4 Resistant <=0.12 Intermediate   
## 1094 <=0.06 Susceptible <=0.12 Intermediate   
## 1095 >4 Resistant <=0.12 Intermediate   
## 1096 >4 Resistant <=0.12 Intermediate   
## 1097 2.0000 Resistant <=0.12 Intermediate   
## 1098 >4 Resistant <=0.12 Intermediate   
## 1099 >4 Resistant <=0.12 Intermediate   
## 1100 >4 Resistant <=0.12 Intermediate   
## 1101 >4 Resistant <=0.12 Intermediate   
## 1102 1.0000 Resistant <=0.12 Intermediate   
## 1103 >4 Resistant <=0.12 Intermediate   
## 1104 >4 Resistant <=0.12 Intermediate   
## 1105 >4 Resistant <=0.12 Intermediate   
## 1106 >4 Resistant <=0.12 Intermediate   
## 1107 <=0.06 Susceptible <=0.12 Intermediate   
## 1108 >4 Resistant 0.5000 Intermediate   
## 1109 >4 Resistant <=0.12 Intermediate   
## 1110 >4 Resistant <=0.12 Intermediate   
## 1111 >4 Resistant <=0.12 Intermediate   
## 1112 >4 Resistant 0.2500 Intermediate   
## 1113 >4 Resistant <=0.12 Intermediate   
## 1114 >4 Resistant <=0.12 Intermediate   
## 1115 >4 Resistant <=0.12 Intermediate   
## 1116 >4 Resistant 0.2500 Intermediate   
## 1117 >4 Resistant 0.2500 Intermediate   
## 1118 >4 Resistant 1.0000 Intermediate   
## 1119 >4 Resistant 0.2500 Intermediate   
## 1120 >4 Resistant 0.2500 Intermediate   
## 1121 >4 Resistant 0.2500 Intermediate   
## 1122 >4 Resistant 0.2500 Intermediate   
## 1123 >4 Resistant <=0.12 Intermediate   
## 1124 0.2500 Susceptible 0.2500 Intermediate   
## 1125 0.2500 Susceptible 0.2500 Intermediate   
## 1126 1.0000 Resistant 0.2500 Intermediate   
## 1127 >4 Resistant 0.2500 Intermediate   
## 1128 >4 Resistant 0.2500 Intermediate   
## 1129 >4 Resistant 0.2500 Intermediate   
## 1130 >4 Resistant 0.2500 Intermediate   
## 1131 >4 Resistant 0.2500 Intermediate   
## 1132 0.5000 Intermediate 0.2500 Intermediate   
## 1133 2.0000 Resistant 0.2500 Intermediate   
## 1134 <=0.06 Susceptible 0.2500 Intermediate   
## 1135 2.0000 Resistant 0.5000 Intermediate   
## 1136 >4 Resistant 0.2500 Intermediate   
## 1137 >4 Resistant 0.2500 Intermediate   
## 1138 0.1200 Susceptible <=0.12 Intermediate   
## 1139 >4 Resistant <=0.12 Intermediate   
## 1140 >4 Resistant 0.2500 Intermediate   
## 1141 >4 Resistant <=0.12 Intermediate   
## 1142 >4 Resistant <=0.12 Intermediate   
## 1143 >4 Resistant 0.2500 Intermediate   
## 1144 >4 Resistant <=0.12 Intermediate   
## 1145 <=0.06 Susceptible 0.2500 Intermediate   
## 1146 >4 Resistant 0.2500 Intermediate   
## 1147 >4 Resistant 0.2500 Intermediate   
## 1148 >4 Resistant 0.5000 Intermediate   
## 1149 >4 Resistant 0.5000 Intermediate   
## 1150 >4 Resistant 0.2500 Intermediate   
## 1151 <=0.06 Susceptible <=0.12 Intermediate   
## 1152 1.0000 Resistant 0.2500 Intermediate   
## 1153 >4 Resistant 1.0000 Intermediate   
## 1154 >4 Resistant 0.2500 Intermediate   
## 1155 >4 Resistant 0.2500 Intermediate   
## 1156 >4 Resistant <=0.12 Intermediate   
## 1157 >4 Resistant 0.2500 Intermediate   
## 1158 >4 Resistant <=0.12 Intermediate   
## 1159 >4 Resistant <=0.12 Intermediate   
## 1160 >4 Resistant <=0.12 Intermediate   
## 1161 >4 Resistant 0.2500 Intermediate   
## 1162 4.0000 Resistant 0.2500 Intermediate   
## 1163 >4 Resistant <=0.12 Intermediate   
## 1164 4.0000 Resistant <=0.12 Intermediate   
## 1165 0.2500 Susceptible <=0.12 Intermediate   
## 1166 >4 Resistant <=0.12 Intermediate   
## 1167 >4 Resistant 0.2500 Intermediate   
## 1168 >4 Resistant <=0.12 Intermediate   
## 1169 4.0000 Resistant <=0.12 Intermediate   
## 1170 0.5000 Intermediate <=0.12 Intermediate   
## 1171 >4 Resistant <=0.12 Intermediate   
## 1172 >4 Resistant <=0.12 Intermediate   
## 1173 >4 Resistant 0.2500 Intermediate   
## 1174 >4 Resistant <=0.12 Intermediate   
## 1175 >4 Resistant 0.2500 Intermediate   
## 1176 2.0000 Resistant <=0.12 Intermediate   
## 1177 >4 Resistant <=0.12 Intermediate   
## 1178 >4 Resistant 0.2500 Intermediate   
## 1179 4.0000 Resistant <=0.12 Intermediate   
## 1180 >4 Resistant 0.2500 Intermediate   
## 1181 >4 Resistant 0.2500 Intermediate   
## 1182 >4 Resistant 0.2500 Intermediate   
## 1183 >4 Resistant 0.2500 Intermediate   
## 1184 >4 Resistant 0.2500 Intermediate   
## 1185 >4 Resistant <=0.12 Intermediate   
## 1186 >4 Resistant <=0.12 Intermediate   
## 1187 >4 Resistant 0.2500 Intermediate   
## 1188 >4 Resistant <=0.12 Intermediate   
## 1189 >4 Resistant 0.2500 Intermediate   
## 1190 >4 Resistant <=0.12 Intermediate   
## 1191 >4 Resistant <=0.12 Intermediate   
## 1192 >4 Resistant 0.2500 Intermediate   
## 1193 >4 Resistant <=0.12 Intermediate   
## 1194 >4 Resistant 0.2500 Intermediate   
## 1195 >4 Resistant <=0.12 Intermediate   
## 1196 4.0000 Resistant <=0.12 Intermediate   
## 1197 >4 Resistant 0.2500 Intermediate   
## 1198 >4 Resistant <=0.12 Intermediate   
## 1199 0.5000 Intermediate 0.5000 Intermediate   
## 1200 >4 Resistant 0.2500 Intermediate   
## 1201 >4 Resistant 1.0000 Intermediate   
## 1202 0.5000 Intermediate 0.2500 Intermediate   
## 1203 2.0000 Resistant 0.2500 Intermediate   
## 1204 >4 Resistant <=0.12 Intermediate   
## 1205 >4 Resistant <=0.12 Intermediate   
## 1206 2.0000 Resistant 0.2500 Intermediate   
## 1207 0.5000 Intermediate 2.0000 Intermediate   
## 1208 >4 Resistant <=0.12 Intermediate   
## 1209 >4 Resistant <=0.12 Intermediate   
## 1210 <=0.06 Susceptible 0.2500 Intermediate   
## 1211 2.0000 Resistant 0.2500 Intermediate   
## 1212 >4 Resistant <=0.12 Intermediate   
## 1213 >4 Resistant <=0.12 Intermediate   
## 1214 >4 Resistant <=0.12 Intermediate   
## 1215 >4 Resistant <=0.12 Intermediate   
## 1216 4.0000 Resistant 0.2500 Intermediate   
## 1217 >4 Resistant <=0.12 Intermediate   
## 1218 2.0000 Resistant <=0.12 Intermediate   
## 1219 >4 Resistant 0.5000 Intermediate   
## 1220 >4 Resistant <=0.12 Intermediate   
## 1221 0.5000 Intermediate 0.5000 Intermediate   
## 1222 >4 Resistant <=0.12 Intermediate   
## 1223 >4 Resistant <=0.12 Intermediate   
## 1224 >4 Resistant <=0.12 Intermediate   
## 1225 1.0000 Resistant <=0.12 Intermediate   
## 1226 4.0000 Resistant <=0.12 Intermediate   
## 1227 0.5000 Intermediate <=0.12 Intermediate   
## 1228 0.5000 Intermediate 0.2500 Intermediate   
## 1229 0.2500 Susceptible <=0.12 Intermediate   
## 1230 4.0000 Resistant 0.2500 Intermediate   
## 1231 4.0000 Resistant 0.2500 Intermediate   
## 1232 <=0.06 Susceptible 0.2500 Intermediate   
## 1233 1.0000 Resistant 0.2500 Intermediate   
## 1234 >4 Resistant 0.2500 Intermediate   
## 1235 1.0000 Resistant 0.5000 Intermediate   
## 1236 <=0.06 Susceptible 0.5000 Intermediate   
## 1237 <=0.06 Susceptible 0.5000 Intermediate   
## 1238 <=0.06 Susceptible 0.5000 Intermediate   
## 1239 >4 Resistant 0.5000 Intermediate   
## 1240 >4 Resistant <=0.12 Intermediate   
## 1241 >4 Resistant <=0.12 Intermediate   
## 1242 <=0.06 Susceptible <=0.12 Intermediate   
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## 1247 <=0.06 Susceptible <=0.12 Intermediate   
## 1248 >4 Resistant <=0.12 Intermediate   
## 1249 >4 Resistant 0.2500 Intermediate   
## 1250 >4 Resistant 0.2500 Intermediate   
## 1251 0.5000 Intermediate 0.2500 Intermediate   
## 1252 4.0000 Resistant 0.2500 Intermediate   
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## 1254 >4 Resistant 0.2500 Intermediate   
## 1255 >4 Resistant 0.2500 Intermediate   
## 1256 >4 Resistant 0.2500 Intermediate   
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## 1268 >4 Resistant 0.2500 Intermediate   
## 1269 >4 Resistant <=0.12 Intermediate   
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## 1279 >4 Resistant 0.2500 Intermediate   
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## 1283 2.0000 Resistant <=0.12 Intermediate   
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## 1296 <=0.06 Susceptible 0.2500 Intermediate   
## 1297 4.0000 Resistant <=0.12 Intermediate   
## 1298 4.0000 Resistant 0.2500 Intermediate   
## 1299 >4 Resistant >8 Resistant   
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## 1301 >4 Resistant 0.2500 Intermediate   
## 1302 >4 Resistant 0.2500 Intermediate   
## 1303 >4 Resistant 0.5000 Intermediate   
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## 1305 0.5000 Intermediate 0.2500 Intermediate   
## 1306 <=0.06 Susceptible 0.2500 Intermediate   
## 1307 >4 Resistant 0.2500 Intermediate   
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## Ertapenem\_I Gentamicin Gentamicin\_I Trimethoprim.sulfa Trimethoprim.sulfa\_I  
## 1 Susceptible   
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## 519 >16 Resistant >32 Resistant  
## 520 >16 Resistant <=1 Susceptible  
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## 529 >16 Resistant >32 Resistant  
## 530 0.5 Susceptible <=1 Susceptible  
## 531 >16 Resistant >32 Resistant  
## 532 0.25 Susceptible >32 Resistant  
## 533 >16 Resistant >32 Resistant  
## 534 0.25 Susceptible >32 Resistant  
## 535 >16 Resistant >32 Resistant  
## 536 1 Susceptible 32 Resistant  
## 537 1 Susceptible >32 Resistant  
## 538 1 Susceptible <=1 Susceptible  
## 539 1 Susceptible >32 Resistant  
## 540 >16 Resistant >32 Resistant  
## 541 0.5 Susceptible 16 Resistant  
## 542 0.25 Susceptible 8 Resistant  
## 543 16 Resistant >32 Resistant  
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## 581 0.5 Susceptible >32 Resistant  
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## 583 >16 Resistant >32 Resistant  
## 584 16 Resistant >32 Resistant  
## 585 >16 Resistant >32 Resistant  
## 586 >16 Resistant >32 Resistant  
## 587 1 Susceptible >32 Resistant  
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## 609 1 Susceptible >32 Resistant  
## 610 >16 Resistant >32 Resistant  
## 611 0.25 Susceptible <=1 Susceptible  
## 612 2 Susceptible >32 Resistant  
## 613 >16 Resistant >32 Resistant  
## 614 0.25 Susceptible >32 Resistant  
## 615 >16 Resistant >32 Resistant  
## 616 16 Resistant >32 Resistant  
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## 620 1 Susceptible >32 Resistant  
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## 623 2 Susceptible 8 Resistant  
## 624 >16 Resistant >32 Resistant  
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## 627 0.25 Susceptible >32 Resistant  
## 628 1 Susceptible 32 Resistant  
## 629 4 Intermediate 8 Resistant  
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## 635 >16 Resistant >32 Resistant  
## 636 >16 Resistant <=1 Susceptible  
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## 639 4 Intermediate >32 Resistant  
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## 647 >16 Resistant >32 Resistant  
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## 650 1 Susceptible <=1 Susceptible  
## 651 >16 Resistant 4 Resistant  
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## 653 >16 Resistant >32 Resistant  
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## 655 0.5 Susceptible >32 Resistant  
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## 658 >16 Resistant <=1 Susceptible  
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## 691 >16 Resistant <=1 Susceptible  
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## 711 1 Susceptible >32 Resistant  
## 712 1 Susceptible <=1 Susceptible  
## 713 0.5 Susceptible >32 Resistant  
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## 736 >16 Resistant <=1 Susceptible  
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## 738 >16 Resistant <=1 Susceptible  
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## 765 0.5000 Susceptible >32 Resistant  
## 766 >16 Resistant >32 Resistant  
## 767 >16 Resistant >32 Resistant  
## 768 >16 Resistant >32 Resistant  
## 769 1.0000 Susceptible >32 Resistant  
## 770 0.2500 Susceptible >32 Resistant  
## 771 0.5000 Susceptible <=1 Susceptible  
## 772 1.0000 Susceptible <=1 Susceptible  
## 773 0.5000 Susceptible >32 Resistant  
## 774 0.5000 Susceptible 2.0000 Susceptible  
## 775 0.2500 Susceptible <=1 Susceptible  
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## 777 >16 Resistant 4.0000 Resistant  
## 778 1.0000 Susceptible >32 Resistant  
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## 787 >16 Resistant >32 Resistant  
## 788 1.0000 Susceptible >32 Resistant  
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## 790 0.2500 Susceptible >32 Resistant  
## 791 16.0000 Resistant >32 Resistant  
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## 799 0.2500 Susceptible >32 Resistant  
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## 811 >16 Resistant <=1 Susceptible  
## 812 >16 Resistant >32 Resistant  
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## 818 16.0000 Resistant >32 Resistant  
## 819 >16 Resistant >32 Resistant  
## 820 0.5000 Susceptible >32 Resistant  
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## 828 >16 Resistant >32 Resistant  
## 829 >16 Resistant <=1 Susceptible  
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## 831 1.0000 Susceptible >32 Resistant  
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## 834 >16 Resistant >32 Resistant  
## 835 >16 Resistant <=1 Susceptible  
## 836 >16 Resistant >32 Resistant  
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## 839 >16 Resistant >32 Resistant  
## 840 >16 Resistant >32 Resistant  
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## 851 0.2500 Susceptible >32 Resistant  
## 852 >16 Resistant <=1 Susceptible  
## 853 0.5000 Susceptible 32.0000 Resistant  
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## Ceftolozane.tazobactam Ceftolozane.tazobactam\_I Cefoperazone.sulbactam Meropenem.vaborbactam  
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## 407 0.25 Susceptible   
## 408 0.5 Susceptible   
## 409 0.5 Susceptible   
## 410 0.25 Susceptible   
## 411 0.12 Susceptible   
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## 413 0.5 Susceptible   
## 414 0.5 Susceptible   
## 415 2 Susceptible   
## 416 0.25 Susceptible   
## 417 0.5 Susceptible   
## 418 >32 Resistant   
## 419 0.5 Susceptible   
## 420 2 Susceptible   
## 421 1 Susceptible   
## 422 0.5 Susceptible   
## 423 0.5 Susceptible   
## 424 32 Resistant   
## 425 2 Susceptible   
## 426 1 Susceptible   
## 427 8 Resistant   
## 428 1 Susceptible   
## 429 >32 Resistant   
## 430 1 Susceptible   
## 431 0.5 Susceptible   
## 432 8 Resistant   
## 433 0.5 Susceptible   
## 434 0.25 Susceptible   
## 435 0.12 Susceptible   
## 436 0.5 Susceptible   
## 437 8 Resistant   
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## 442 0.25 Susceptible   
## 443 32 Resistant   
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## 445 0.25 Susceptible   
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## 448 0.25 Susceptible   
## 449 0.25 Susceptible   
## 450 0.25 Susceptible   
## 451 >32 Resistant   
## 452 8 Resistant   
## 453 >32 Resistant   
## 454 8 Resistant   
## 455 >32 Resistant   
## 456 0.5 Susceptible   
## 457 0.25 Susceptible   
## 458 0.25 Susceptible   
## 459 >32 Resistant   
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## 461 4 Intermediate   
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## 471 1 Susceptible   
## 472 0.12 Susceptible   
## 473 >32 Resistant   
## 474 0.5 Susceptible   
## 475 >32 Resistant   
## 476 0.5 Susceptible   
## 477 8 Resistant   
## 478 4 Intermediate   
## 479 16 Resistant   
## 480 >32 Resistant   
## 481 >32 Resistant   
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## 485 >32 Resistant   
## 486 >32 Resistant   
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## 488 1 Susceptible   
## 489 1 Susceptible   
## 490 0.5 Susceptible   
## 491 2 Susceptible   
## 492 0.5 Susceptible   
## 493 1 Susceptible   
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## 496 0.5 Susceptible   
## 497 >32 Resistant   
## 498 0.5 Susceptible   
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## 500 1 Susceptible   
## 501 4 Intermediate   
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## 508 1 Susceptible   
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## 510 >32 Resistant   
## 511 1 Susceptible   
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## 513 >32 Resistant   
## 514 0.25 Susceptible   
## 515 >32 Resistant   
## 516 0.5 Susceptible   
## 517 >32 Resistant   
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## 1037 2.0000   
## 1038 >16 Resistant >64 16.0000  
## 1039 0.2500 Susceptible 8.0000 <=0.06  
## 1040 1.0000 Susceptible 16.0000 <=0.06  
## 1041 >16 Resistant >64 >16  
## 1042 >16 Resistant >64 4.0000  
## 1043 >16 Resistant >64 >16  
## 1044 1.0000 Susceptible 8.0000 <=0.06  
## 1045 0.5000 Susceptible 8.0000 <=0.06  
## 1046 >16 Resistant >64 16.0000  
## 1047 8.0000 Resistant 32.0000 <=0.06  
## 1048 0.5000 Susceptible 8.0000 <=0.06  
## 1049 0.5000 Susceptible 8.0000 <=0.06  
## 1050 0.5000 Susceptible 8.0000 <=0.06  
## 1051 4.0000 Intermediate 32.0000 <=0.06  
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## 1053 8.0000   
## 1054 16.0000   
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## 1057 2.0000   
## 1058 8.0000   
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## 1062 8.0000   
## 1063 32.0000   
## 1064 0.2500 Susceptible 4.0000 <=0.06  
## 1065 0.2500 Susceptible 8.0000 <=0.06  
## 1066 4.0000 Intermediate 32.0000 <=0.06  
## 1067 0.5000 Susceptible 8.0000 <=0.06  
## 1068 0.2500 Susceptible 4.0000 <=0.06  
## 1069 4.0000 Intermediate 32.0000 <=0.06  
## 1070 1.0000 Susceptible 8.0000 <=0.06  
## 1071 2.0000 Susceptible 16.0000 <=0.06  
## 1072 8.0000 Resistant 16.0000 1.0000  
## 1073 >16 Resistant >64 >16  
## 1074 >16 Resistant >64 >16  
## 1075 >16 Resistant >64 >16  
## 1076 1.0000 Susceptible 8.0000 <=0.06  
## 1077 0.5000 Susceptible 8.0000 <=0.06  
## 1078 0.5000 Susceptible 8.0000 <=0.06  
## 1079 0.5000 Susceptible 2.0000 <=0.06  
## 1080 0.5000 Susceptible 1.0000 <=0.06  
## 1081 0.5000 Susceptible 4.0000 <=0.06  
## 1082 4.0000 Intermediate 16.0000 <=0.06  
## 1083 2.0000 Susceptible 32.0000 <=0.06  
## 1084 8.0000 Resistant 32.0000 <=0.06  
## 1085 0.5000 Susceptible 8.0000 <=0.06  
## 1086 0.2500 Susceptible 2.0000 <=0.06  
## 1087 0.5000 Susceptible 4.0000 <=0.06  
## 1088 >16 Resistant >64 16.0000  
## 1089 1.0000 Susceptible 8.0000 <=0.06  
## 1090 1.0000 Susceptible 8.0000 <=0.06  
## 1091 1.0000 Susceptible 16.0000 <=0.06  
## 1092 0.2500 Susceptible 2.0000 <=0.06  
## 1093 >16 Resistant >64 >16  
## 1094 0.2500 Susceptible 2.0000 <=0.06  
## 1095 >16 Resistant >64 >16  
## 1096 0.5000 Susceptible 8.0000 <=0.06  
## 1097 >16 Resistant >64 >16  
## 1098 1.0000 Susceptible 8.0000 <=0.06  
## 1099 2.0000 Susceptible 16.0000 <=0.06  
## 1100 2.0000 Susceptible 16.0000 <=0.06  
## 1101 0.5000 Susceptible 8.0000 <=0.06  
## 1102 4.0000 Intermediate 16.0000 <=0.06  
## 1103 0.5000 Susceptible 4.0000 <=0.06  
## 1104 0.2500 Susceptible 2.0000 <=0.06  
## 1105 4.0000 Intermediate 16.0000 <=0.06  
## 1106 1.0000 Susceptible 16.0000 <=0.06  
## 1107 0.1200 Susceptible 2.0000 <=0.06  
## 1108 >16 Resistant 64.0000 <=0.06  
## 1109 1.0000 Susceptible 16.0000 <=0.06  
## 1110 >16 Resistant >64 >16  
## 1111 1.0000 Susceptible 8.0000 <=0.06  
## 1112 >16 Resistant >64 8.0000  
## 1113 >16 Resistant >64 >16  
## 1114 >16 Resistant >64 0.5000  
## 1115 >16 Resistant >64 >16  
## 1116 >16 Resistant >64 4.0000  
## 1117 0.5000 Susceptible 8.0000 <=0.06  
## 1118 >16 Resistant >64 4.0000  
## 1119 >16 Resistant >64 8.0000  
## 1120 >16 Resistant >64 >16  
## 1121 0.5000 Susceptible 8.0000 <=0.06  
## 1122 0.5000 Susceptible 8.0000 <=0.06  
## 1123 0.5000 Susceptible 8.0000 <=0.06  
## 1124 1.0000 Susceptible 8.0000 <=0.06  
## 1125 >16 Resistant >64 4.0000  
## 1126 >16 Resistant >64 2.0000  
## 1127 >16 Resistant >64 >16  
## 1128 >16 Resistant >64 16.0000  
## 1129 >16 Resistant >64 >16  
## 1130 >16 Resistant >64 16.0000  
## 1131 0.5000 Susceptible 16.0000 <=0.06  
## 1132 0.5000 Susceptible 8.0000 <=0.06  
## 1133 0.5000 Susceptible 8.0000 <=0.06  
## 1134 0.5000 Susceptible 8.0000 <=0.06  
## 1135 16.0000 Resistant 32.0000 0.5000  
## 1136 0.2500 Susceptible 16.0000 <=0.06  
## 1137 1.0000 Susceptible 16.0000 <=0.06  
## 1138 0.5000 Susceptible 16.0000 <=0.06  
## 1139 1.0000 Susceptible 4.0000 <=0.06  
## 1140 >16 Resistant 32.0000 4.0000  
## 1141 0.5000 Susceptible 16.0000 <=0.06  
## 1142 >16 Resistant >64 >16  
## 1143 >16 Resistant >64 >16  
## 1144 >16 Resistant >64 >16  
## 1145 1.0000 Susceptible 4.0000 <=0.06  
## 1146 1.0000 Susceptible 16.0000 <=0.06  
## 1147 1.0000 Susceptible 16.0000 <=0.06  
## 1148 0.5000 Susceptible 16.0000 <=0.06  
## 1149 1.0000 Susceptible 16.0000 <=0.06  
## 1150 0.2500 Susceptible 4.0000 <=0.06  
## 1151 >16 Resistant >64 >16  
## 1152 2.0000 Susceptible 32.0000 <=0.06  
## 1153 0.5000 Susceptible 8.0000 <=0.06  
## 1154 1.0000 Susceptible 16.0000 <=0.06  
## 1155 2.0000 Susceptible 16.0000 <=0.06  
## 1156 0.5000 Susceptible 8.0000 <=0.06  
## 1157 0.5000 Susceptible 8.0000 <=0.06  
## 1158 16.0000 Resistant 16.0000 <=0.06  
## 1159 >16 Resistant >64 0.1200  
## 1160 1.0000 Susceptible 16.0000 <=0.06  
## 1161 4.0000 Intermediate 16.0000 <=0.06  
## 1162 0.5000 Susceptible 8.0000 <=0.06  
## 1163 0.5000 Susceptible 4.0000 <=0.06  
## 1164 16.0000 Resistant 32.0000 0.5000  
## 1165 0.2500 Susceptible 8.0000 <=0.06  
## 1166 >16 Resistant 32.0000 2.0000  
## 1167 >16 Resistant >64 >16  
## 1168 >16 Resistant >64 >16  
## 1169 8.0000 Resistant 16.0000 0.5000  
## 1170 4.0000 Intermediate 8.0000 0.2500  
## 1171 0.5000 Susceptible 8.0000 <=0.06  
## 1172 >16 Resistant >64 16.0000  
## 1173 >16 Resistant >64 16.0000  
## 1174 4.0000 Intermediate 32.0000 <=0.06  
## 1175 >16 Resistant >64 16.0000  
## 1176 0.5000 Susceptible 32.0000 <=0.06  
## 1177 >16 Resistant 32.0000 1.0000  
## 1178 >16 Resistant >64 >16  
## 1179 >16 Resistant >64 8.0000  
## 1180 >16 Resistant >64 >16  
## 1181 >16 Resistant >64 16.0000  
## 1182 >16 Resistant >64 >16  
## 1183 0.2500 Susceptible 4.0000 <=0.06  
## 1184 16.0000 Resistant 32.0000 <=0.06  
## 1185 >16 Resistant >64 16.0000  
## 1186 >16 Resistant >64 >16  
## 1187 1.0000 Susceptible 8.0000 <=0.06  
## 1188 >16 Resistant >64 >16  
## 1189 >16 Resistant 32.0000 1.0000  
## 1190 >16 Resistant 64.0000 16.0000  
## 1191 1.0000 Susceptible 16.0000 <=0.06  
## 1192 >16 Resistant 64.0000 0.2500  
## 1193 >16 Resistant >64 2.0000  
## 1194 >16 Resistant 64.0000 0.1200  
## 1195 >16 Resistant >64 0.2500  
## 1196 >16 Resistant >64 16.0000  
## 1197 >16 Resistant 32.0000 1.0000  
## 1198 >16 Resistant >64 8.0000  
## 1199 >16 Resistant 64.0000 8.0000  
## 1200 >16 Resistant 32.0000 1.0000  
## 1201 >16 Resistant 64.0000 <=0.06  
## 1202 >16 Resistant >64 16.0000  
## 1203 >16 Resistant 32.0000 0.2500  
## 1204 2.0000 Susceptible 16.0000 <=0.06  
## 1205 >16 Resistant 64.0000 16.0000  
## 1206 >16 Resistant 64.0000 0.5000  
## 1207 >16 Resistant >64 16.0000  
## 1208 >16 Resistant >64 4.0000  
## 1209 >16 Resistant >64 4.0000  
## 1210 0.2500 Susceptible 4.0000 <=0.06  
## 1211 16.0000 Resistant 32.0000 0.5000  
## 1212 >16 Resistant >64 >16  
## 1213 >16 Resistant 32.0000 0.5000  
## 1214 >16 Resistant >64 >16  
## 1215 16.0000 Resistant 32.0000 0.5000  
## 1216 >16 Resistant >64 16.0000  
## 1217 >16 Resistant >64 >16  
## 1218 1.0000 Susceptible 8.0000 <=0.06  
## 1219 1.0000 Susceptible 16.0000 <=0.06  
## 1220 0.5000 Susceptible 8.0000 <=0.06  
## 1221 1.0000 Susceptible 16.0000 <=0.06  
## 1222 0.5000 Susceptible 4.0000 <=0.06  
## 1223 0.5000 Susceptible 8.0000 <=0.06  
## 1224 1.0000 Susceptible 4.0000 <=0.06  
## 1225 0.1200 Susceptible 2.0000 <=0.06  
## 1226 0.5000 Susceptible 8.0000 <=0.06  
## 1227 1.0000 Susceptible 16.0000 <=0.06  
## 1228 0.5000 Susceptible 4.0000 <=0.06  
## 1229 0.2500 Susceptible 1.0000 <=0.06  
## 1230 0.5000 Susceptible 8.0000 <=0.06  
## 1231 0.5000 Susceptible 4.0000 <=0.06  
## 1232 0.2500 Susceptible 8.0000 <=0.06  
## 1233 0.5000 Susceptible 8.0000 <=0.06  
## 1234 0.5000 Susceptible 8.0000 <=0.06  
## 1235 4.0000 Intermediate 8.0000 <=0.06  
## 1236 0.5000 Susceptible 4.0000 <=0.06  
## 1237 0.5000 Susceptible 4.0000 <=0.06  
## 1238 0.5000 Susceptible 4.0000 <=0.06  
## 1239 0.5000 Susceptible 8.0000 <=0.06  
## 1240 >16 Resistant >64 4.0000  
## 1241 >16 Resistant >64 4.0000  
## 1242 0.2500 Susceptible 8.0000 <=0.06  
## 1243 0.2500 Susceptible 2.0000 <=0.06  
## 1244 16.0000 Resistant 16.0000 <=0.06  
## 1245 0.5000 Susceptible 8.0000 <=0.06  
## 1246 1.0000 Susceptible 16.0000 <=0.06  
## 1247 0.2500 Susceptible 4.0000 <=0.06  
## 1248 >16 Resistant 32.0000 0.5000  
## 1249 2.0000 Susceptible 16.0000 <=0.06  
## 1250 2.0000 Susceptible 32.0000 <=0.06  
## 1251 1.0000 Susceptible 4.0000 <=0.06  
## 1252 0.5000 Susceptible 8.0000 <=0.06  
## 1253 1.0000 Susceptible 4.0000 <=0.06  
## 1254 8.0000 Resistant 32.0000 <=0.06  
## 1255 0.5000 Susceptible 4.0000 <=0.06  
## 1256 0.2500 Susceptible 4.0000 <=0.06  
## 1257 0.2500 Susceptible 2.0000 <=0.06  
## 1258 16.0000 Resistant 64.0000 0.1200  
## 1259 1.0000 Susceptible 16.0000 <=0.06  
## 1260 0.1200 Susceptible 1.0000 <=0.06  
## 1261 2.0000 Susceptible 32.0000 <=0.06  
## 1262 0.2500 Susceptible 2.0000 <=0.06  
## 1263 0.5000 Susceptible 8.0000 <=0.06  
## 1264 >16 Resistant >64 >16  
## 1265 0.2500 Susceptible 4.0000 <=0.06  
## 1266 0.2500 Susceptible 4.0000 <=0.06  
## 1267 >16 Resistant >64 16.0000  
## 1268 0.5000 Susceptible 2.0000 <=0.06  
## 1269 1.0000 Susceptible 4.0000 <=0.06  
## 1270 >16 Resistant >64 >16  
## 1271 1.0000 Susceptible 16.0000 <=0.06  
## 1272 0.2500 Susceptible 8.0000 <=0.06  
## 1273 0.5000 Susceptible 16.0000 <=0.06  
## 1274 0.5000 Susceptible 8.0000 <=0.06  
## 1275 0.5000 Susceptible 4.0000 <=0.06  
## 1276 0.5000 Susceptible 4.0000 <=0.06  
## 1277 0.2500 Susceptible 8.0000 <=0.06  
## 1278 0.5000 Susceptible 8.0000 <=0.06  
## 1279 8.0000 Resistant 16.0000 0.1200  
## 1280 0.5000 Susceptible 8.0000 <=0.06  
## 1281 1.0000 Susceptible 8.0000 <=0.06  
## 1282 >16 Resistant >64 16.0000  
## 1283 8.0000 Resistant 32.0000 <=0.06  
## 1284 1.0000 Susceptible 8.0000 <=0.06  
## 1285 0.5000 Susceptible 8.0000 <=0.06  
## 1286 1.0000 Susceptible 8.0000 <=0.06  
## 1287 >16 Resistant >64 >16  
## 1288 >16 Resistant >64 >16  
## 1289 >16 Resistant >64 16.0000  
## 1290 >16 Resistant >64 16.0000  
## 1291 0.5000 Susceptible 16.0000 <=0.06  
## 1292 >16 Resistant >64 >16  
## 1293 >16 Resistant >64 >16  
## 1294 >16 Resistant 32.0000 1.0000  
## 1295 >16 Resistant >64 >16  
## 1296 0.5000 Susceptible 16.0000 <=0.06  
## 1297 2.0000 Susceptible >64 >16  
## 1298 >16 Resistant >64 >16  
## 1299 >16 Resistant >64 >16  
## 1300 0.2500 Susceptible 8.0000 <=0.06  
## 1301 0.2500 Susceptible 2.0000 <=0.06  
## 1302 >16 Resistant >64 >16  
## 1303 >16 Resistant >64 >16  
## 1304 2.0000 Susceptible 16.0000 <=0.06  
## 1305 1.0000 Susceptible 16.0000 <=0.06  
## 1306 0.5000 Susceptible 8.0000 <=0.06  
## 1307 0.5000 Susceptible 8.0000 <=0.06  
## 1308 0.1200 Susceptible 1.0000 <=0.06  
## 1309 0.5000 Susceptible 8.0000 <=0.06  
## 1310 0.5000 Susceptible 4.0000 <=0.06  
## 1311 0.5000 Susceptible 8.0000 <=0.06  
## 1312 0.5000 Susceptible 4.0000 <=0.06  
## 1313 0.5000 Susceptible 8.0000 <=0.06  
## 1314 0.5000 Susceptible 4.0000 <=0.06  
## 1315 0.2500 Susceptible 2.0000 <=0.06  
## Meropenem.vaborbactam\_I AMPC SHV TEM CTXM1 CTXM2 CTXM9  
## 1 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 2 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 3 NEG NEG CTX-M-15 NEG NEG  
## 4 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 5 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 6 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 7 NEG NEG CTX-M-15 NEG NEG  
## 8 NEG TEM-OSBL NEG NEG NEG  
## 9 NEG NEG CTX-M-15 NEG NEG  
## 10 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 11 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 12 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 13 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 14 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 15 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 16 NEG TEM-OSBL NEG NEG NEG  
## 17 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 18 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 19 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 20 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 21 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 22 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 23 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 24 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 25 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 26 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 27 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 28 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 29 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 30 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 31 NEG NEG CTX-M-15 NEG NEG  
## 32 SHV-12 TEM-OSBL CTX-M-15 NEG NEG  
## 33 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 34 SHV-OSBL TEM-OSBL NEG NEG NEG  
## 35 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 36 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 37 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 38 SHV-55 TEM-OSBL CTX-M-15 NEG NEG  
## 39 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 40 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 41 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 42 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 43 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 44 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 45 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 46 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 47 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 48 NEG NEG NEG NEG NEG  
## 49 NEG NEG CTX-M-15 NEG NEG  
## 50 NEG NEG CTX-M-15 NEG NEG  
## 51 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 52 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 53 NEG NEG CTX-M-15 NEG NEG  
## 54 NEG NEG CTX-M-15 NEG NEG  
## 55 NEG TEM-OSBL NEG NEG CTX-M-14  
## 56 NEG NEG CTX-M-15 NEG NEG  
## 57 NEG NEG CTX-M-15 NEG NEG  
## 58 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 59 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 60 NEG NEG CTX-M-15 NEG NEG  
## 61 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 62 NEG NEG CTX-M-15 NEG NEG  
## 63 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 64 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 65 NEG NEG CTX-M-15 NEG NEG  
## 66 NEG NEG CTX-M-15 NEG NEG  
## 67 NEG NEG CTX-M-15 NEG NEG  
## 68 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 69 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 70 SHV-12 NEG NEG NEG NEG  
## 71 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 72 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 73 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 74 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 75 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 76 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 77 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 78 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 79 SHV-12 NEG NEG NEG NEG  
## 80 NEG NEG CTX-M-15 NEG NEG  
## 81 NEG TEM-OSBL NEG NEG CTX-M-14  
## 82 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 83 NEG NEG CTX-M-15 NEG NEG  
## 84 NEG NEG CTX-M-15 NEG NEG  
## 85 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 86 NEG NEG CTX-M-15 NEG NEG  
## 87 NEG NEG NEG NEG NEG  
## 88 NEG NEG CTX-M-15 NEG NEG  
## 89 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 90 SHV-12 TEM-OSBL NEG NEG NEG  
## 91 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 92 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 93 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 94 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 95 SHV-12 NEG NEG NEG NEG  
## 96 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 98 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 99 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 100 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 101 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 102 NEG NEG CTX-M-15 NEG NEG  
## 103 NEG NEG CTX-M-15 NEG NEG  
## 104 NEG NEG NEG NEG CTX-M-14  
## 105 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 106 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 107 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 108 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 109 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 110 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 111 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 112 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 113 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 114 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 115 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 116 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 117 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 118 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 119 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 120 NEG NEG CTX-M-15 NEG NEG  
## 121 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 122 NEG NEG CTX-M-15 NEG NEG  
## 123 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 124 NEG NEG NEG NEG CTX-M-14  
## 125 NEG NEG CTX-M-15 NEG NEG  
## 126 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 127 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 130 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 131 SHV-12-52 TEM-OSBL NEG NEG NEG  
## 132 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 134 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 135 SHV-OSBL NEG NEG NEG NEG  
## 136 SHV-12 TEM-OSBL NEG NEG NEG  
## 137 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 138 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 139 NEG NEG NEG NEG NEG  
## 140 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 141 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 142 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 143 NEG NEG CTX-M-15 NEG NEG  
## 144 SHV-12 TEM-OSBL CTX-M-15 NEG NEG  
## 145 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 146 NEG NEG CTX-M-15 NEG NEG  
## 147 NEG NEG CTX-M-15 NEG NEG  
## 148 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 149 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 150 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 151 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 154 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 155 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 156 NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 158 SHV-OSBL NEG CTX-M-15 NEG NEG  
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## 160 SHV-OSBL NEG CTX-M-15 NEG NEG  
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## 163 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 164 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 165 SHV-12 NEG NEG NEG NEG  
## 166 SHV-12 NEG NEG NEG NEG  
## 167 NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 169 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 172 NEG TEM-OSBL NEG NEG NEG  
## 173 SHV-12 TEM-OSBL NEG NEG NEG  
## 174 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 175 NEG NEG CTX-M-15 NEG NEG  
## 176 NEG NEG CTX-M-15 NEG NEG  
## 177 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 178 NEG NEG CTX-M-15 NEG NEG  
## 179 NEG NEG CTX-M-15 NEG NEG  
## 180 NEG NEG CTX-M-15 NEG NEG  
## 181 NEG NEG CTX-M-15 NEG NEG  
## 182 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 183 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 184 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 185 NEG NEG CTX-M-15 NEG NEG  
## 186 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 187 SHV-OSBL NEG NEG NEG NEG  
## 188 NEG TEM-OSBL NEG NEG CTX-M-14  
## 189 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 190 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 191 SHV-12-115 TEM-OSBL CTX-M-15 NEG NEG  
## 192 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 193 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 194 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 195 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 196 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 197 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 198 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 199 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 200 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 201 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 202 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 203 NEG NEG CTX-M-15 NEG NEG  
## 204 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 205 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 206 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 207 NEG NEG CTX-M-15 NEG NEG  
## 208 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 209 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 210 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 211 NEG TEM-OSBL CTX-M-15-3 NEG NEG  
## 212 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 213 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 214 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 215 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 216 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 217 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 218 NEG NEG CTX-M-15 NEG NEG  
## 219 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 220 SHV-12 TEM-OSBL CTX-M-15 NEG NEG  
## 221 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 222 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 223 NEG NEG CTX-M-15 NEG NEG  
## 224 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 225 SHV-134 TEM-OSBL CTX-M-15 NEG NEG  
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## 242 SHV-12 TEM-OSBL CTX-M-15 NEG NEG  
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## 247 NEG NEG CTX-M-15 NEG NEG  
## 248 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 249 SHV-38 TEM-OSBL CTX-M-15 NEG NEG  
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## 255 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 284 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 308 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 319 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 320 NEG TEM-OSBL CTX-M-3 NEG NEG  
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## 342 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 367 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 368 SHV-OSBL TEM-OSBL CTX-M-3 NEG NEG  
## 369 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 370 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 371 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 483 NEG SHV-12(e) TEM-OSBL(b) NEG NEG NEG  
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## 589 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 591 NEG TEM-OSBL NEG NEG CTX-M-27  
## 592 NEG TEM-OSBL NEG NEG CTX-M-65  
## 593 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 594 SHV-OSBL NEG CTX-M-15 NEG NEG  
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## 596 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 597 NEG TEM-OSBL NEG NEG CTX-M-27  
## 598 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 605 NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 611 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 612 NEG NEG NEG NEG CTX-M-27  
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## 614 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 615 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 616 SHV-OSBL NEG CTX-M-15 NEG NEG  
## 617 NEG NEG CTX-M-15 NEG NEG  
## 618 NEG NEG CTX-M-15 NEG NEG  
## 619 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 620 NEG NEG CTX-M-15 NEG NEG  
## 621 NEG NEG CTX-M-15 NEG NEG  
## 622 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 627 NEG NEG CTX-M-15 NEG NEG  
## 628 NEG TEM-OSBL CTX-M-55 NEG NEG  
## 629 NEG NEG CTX-M-15 NEG NEG  
## 630 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 631 NEG TEM-OSBL CTX-M-15 NEG NEG  
## 632 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 654 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 655 NEG NEG NEG NEG CTX-M-27  
## 656 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 657 SHV-OSBL TEM-OSBL CTX-M-3 NEG NEG  
## 658 SHV-ESBL NEG NEG NEG NEG  
## 659 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 662 SHV-OSBL NEG CTX-M-15 NEG NEG  
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## 665 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 667 NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 672 SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 687 NEG NEG NEG NEG CTX-M-14  
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## 692 NEG NEG NEG NEG CTX-M-27  
## 693 NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 696 NEG NEG NEG NEG CTX-M-27  
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## 708 NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 712 NEG NEG CTX-M-15 NEG NEG  
## 713 NEG NEG CTX-M-15 NEG NEG  
## 714 NEG NEG CTX-M-15 NEG NEG  
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## 733 SHV-12 TEM-OSBL NEG NEG NEG  
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## 763 NEG NEG NEG CTX-M-15 NEG NEG  
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## 773 NEG NEG NEG CTX-M-15 NEG NEG  
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## 845 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 891 POS NEG TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 906 NEG NEG NEG CTX-M-15 NEG NEG  
## 907 NEG SHV-ESBL(e) TEM-OSBL(b) CTX-M-15 NEG NEG  
## 908 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG  
## 909 NEG NEG NEG CTX-M-15 NEG NEG  
## 910 NEG NEG NEG CTX-M-15 NEG NEG  
## 911 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 913 NEG NEG NEG CTX-M-15 NEG NEG  
## 914 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG  
## 915 POS NEG TEM-OSBL(b) CTX-M-15 NEG NEG  
## 916 POS NEG TEM-OSBL(b) CTX-M-15 NEG NEG  
## 917 NEG NEG NEG CTX-M-15 NEG NEG  
## 918 NEG SHV-ESBL(e) TEM-OSBL(b) CTX-M-15 NEG NEG  
## 919 NEG NEG NEG CTX-M-15 NEG NEG  
## 920 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG  
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## 924 NEG NEG NEG NEG NEG CTX-M-27  
## 925 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
## 926 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 931 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 954 NEG NEG NEG CTX-M-15 NEG NEG  
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## 957 NEG SHV-ESBL(e) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 963 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG  
## 964 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG  
## 965 NEG NEG NEG NEG NEG CTX-M-27  
## 966 NEG SHV-ESBL(e) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 968 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
## 969 NEG SHV-ESBL(e) TEM-OSBL(b) CTX-M-15 NEG NEG  
## 970 NEG NEG NEG NEG NEG CTX-M-14  
## 971 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 977 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 980 NEG NEG NEG CTX-M-15 NEG NEG  
## 981 POS SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 984 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-3 NEG NEG  
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## 990 NEG NEG NEG CTX-M-55 NEG NEG  
## 991 NEG SHV-OSBL(b) NEG CTX-M-15 NEG CTX-M-27  
## 992 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG  
## 993 NEG NEG TEM-OSBL(b) NEG NEG CTX-M-14  
## 994 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 1003 NEG NEG NEG CTX-M-15 NEG NEG  
## 1004 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 1008 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG  
## 1009 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG  
## 1010 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG  
## 1011 POS SHV-ESBL(e) TEM-OSBL(b) NEG NEG NEG  
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## 1013 NEG SHV-OSBL(b) NEG CTX-M-15 NEG NEG  
## 1014 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 1016 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
## 1017 NEG NEG NEG CTX-M-15 NEG NEG  
## 1018 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 1039 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 1041 Resistant NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 1048 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1055 NEG NEG NEG NEG NEG CTX-M-27  
## 1056 NEG NEG TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 1058 NEG SHV-OSBL(b) TEM-OSBL(b) CTX-M-15 NEG NEG  
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## 1067 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 1077 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 1089 Susceptible NEG NEG CTX-M-15 NEG NEG  
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## 1092 Susceptible NEG NEG NEG NEG CTX-M-27  
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## 1103 Susceptible NEG NEG CTX-M-15 NEG NEG  
## 1104 Susceptible NEG NEG NEG NEG CTX-M-27  
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## 1107 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
## 1108 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 1113 Resistant NEG TEM-OSBL CTX-M-15 NEG NEG  
## 1114 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
## 1115 Resistant NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 1117 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 1122 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
## 1123 Susceptible NEG NEG NEG NEG CTX-M-27  
## 1124 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1127 Resistant SHV-OSBL NEG CTX-M-15 NEG NEG  
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## 1132 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1133 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1134 Susceptible SHV-OSBL NEG CTX-M-15 NEG NEG  
## 1135 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1136 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1139 Susceptible NEG TEM-OSBL NEG NEG CTX-M-65  
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## 1141 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1142 Resistant SHV-ESBL TEM-OSBL NEG NEG NEG  
## 1143 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1144 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1148 Susceptible SHV-OSBL NEG CTX-M-15 NEG NEG  
## 1149 Susceptible SHV-OSBL NEG CTX-M-15 NEG NEG  
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## 1153 Susceptible SHV-ESBL TEM-OSBL CTX-M-15 NEG NEG  
## 1154 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1156 Susceptible SHV-ESBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1163 Susceptible NEG NEG CTX-M-15 NEG NEG  
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## 1171 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
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## 1177 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1178 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1179 Intermediate SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1180 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1182 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1183 Susceptible NEG TEM-OSBL CTX-M-15 NEG NEG  
## 1184 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1185 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
## 1186 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1193 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1195 Susceptible SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1197 Susceptible SHV-OSBL NEG CTX-M-15 NEG NEG  
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## 1199 Intermediate SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1202 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1207 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1209 Susceptible SHV-ESBL TEM-OSBL NEG NEG CTX-M-65  
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## 1216 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG CTX-M-14  
## 1217 Resistant SHV-OSBL TEM-OSBL CTX-M-15 NEG NEG  
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## 1093 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1094 NEG NEG NEG NEG NEG NEG NEG  
## 1095 NEG NEG NEG NEG NEG NDM-5 NEG  
## 1096 NEG NEG NEG NEG NEG NEG NEG  
## 1097 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1098 NEG NEG NEG NEG NEG NEG NEG  
## 1099 NEG NEG NEG NEG NEG NEG NEG  
## 1100 NEG NEG NEG NEG NEG NEG NEG  
## 1101 NEG NEG NEG NEG NEG NEG NEG  
## 1102 NEG NEG NEG NEG NEG NEG NEG  
## 1103 NEG NEG NEG NEG NEG NEG NEG  
## 1104 NEG NEG NEG NEG NEG NEG NEG  
## 1105 NEG NEG NEG NEG NEG NEG NEG  
## 1106 NEG NEG NEG NEG NEG NEG NEG  
## 1107 NEG NEG NEG NEG NEG NEG NEG  
## 1108 NEG CMY-2 NEG NEG NEG NEG NEG  
## 1109 NEG NEG NEG NEG NEG NEG NEG  
## 1110 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1111 NEG NEG NEG NEG NEG NEG NEG  
## 1112 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1113 NEG NEG NEG NEG NEG NDM-5 NEG  
## 1114 NEG CMY-2 NEG NEG OXA-181 NEG NEG  
## 1115 NEG CMY-2 NEG NEG NEG NDM-5 NEG  
## 1116 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1117 NEG NEG NEG NEG NEG NEG NEG  
## 1118 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1119 NEG CMY-2 NEG NEG NEG NDM-5 NEG  
## 1120 NEG CMY-2 NEG NEG NEG NDM-5 NEG  
## 1121 NEG NEG NEG NEG NEG NEG NEG  
## 1122 NEG NEG NEG NEG NEG NEG NEG  
## 1123 NEG NEG NEG NEG NEG NEG NEG  
## 1124 NEG NEG NEG NEG NEG NEG NEG  
## 1125 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1126 NEG NEG NEG NEG NEG NEG VIM-1  
## 1127 NEG NEG NEG NEG OXA-232 NDM-1 NEG  
## 1128 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1129 NEG NEG NEG NEG OXA-232 NDM-1 NEG  
## 1130 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1131 NEG NEG NEG NEG NEG NEG NEG  
## 1132 NEG NEG NEG NEG NEG NEG NEG  
## 1133 NEG NEG NEG NEG NEG NEG NEG  
## 1134 NEG NEG NEG NEG NEG NEG NEG  
## 1135 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1136 NEG NEG NEG NEG NEG NEG NEG  
## 1137 NEG NEG NEG NEG NEG NEG NEG  
## 1138 NEG NEG NEG NEG NEG NEG NEG  
## 1139 NEG NEG NEG NEG NEG NEG NEG  
## 1140 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1141 NEG NEG NEG NEG NEG NEG NEG  
## 1142 NEG CMY-4 NEG NEG OXA-48 NDM-1 NEG  
## 1143 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1144 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1145 NEG NEG NEG NEG NEG NEG NEG  
## 1146 NEG NEG NEG NEG NEG NEG NEG  
## 1147 NEG NEG NEG NEG NEG NEG NEG  
## 1148 NEG NEG NEG NEG NEG NEG NEG  
## 1149 NEG NEG NEG NEG NEG NEG NEG  
## 1150 NEG NEG NEG NEG NEG NEG NEG  
## 1151 NEG NEG NEG NEG NEG NDM-7 NEG  
## 1152 NEG NEG NEG NEG NEG NEG NEG  
## 1153 NEG NEG NEG NEG NEG NEG NEG  
## 1154 NEG NEG NEG NEG NEG NEG NEG  
## 1155 NEG NEG NEG NEG NEG NEG NEG  
## 1156 NEG NEG NEG NEG NEG NEG NEG  
## 1157 NEG NEG NEG NEG NEG NEG NEG  
## 1158 NEG NEG NEG NEG NEG NEG NEG  
## 1159 NEG NEG NEG NEG NEG NEG NEG  
## 1160 NEG NEG NEG NEG NEG NEG NEG  
## 1161 NEG NEG NEG NEG NEG NEG NEG  
## 1162 NEG NEG NEG NEG NEG NEG NEG  
## 1163 NEG NEG NEG NEG NEG NEG NEG  
## 1164 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1165 NEG NEG NEG NEG NEG NEG NEG  
## 1166 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1167 NEG NEG NEG NEG NEG NEG NEG  
## 1168 NEG NEG NEG NEG NEG NDM-7 NEG  
## 1169 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1170 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1171 NEG NEG NEG NEG NEG NEG NEG  
## 1172 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1173 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1174 NEG NEG NEG NEG NEG NEG NEG  
## 1175 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1176 NEG NEG NEG NEG NEG NEG NEG  
## 1177 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1178 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1179 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1180 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1181 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1182 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1183 NEG NEG NEG NEG NEG NEG NEG  
## 1184 NEG NEG NEG KPC-2 NEG NEG NEG  
## 1185 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1186 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1187 NEG NEG NEG NEG NEG NEG NEG  
## 1188 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1189 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1190 NEG NEG NEG NEG OXA-181 NEG NEG  
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## 1193 NEG NEG NEG NEG OXA-181 NEG NEG  
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## 1196 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1197 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1198 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1199 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1200 NEG NEG NEG NEG OXA-181 NEG NEG  
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## 1202 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1203 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1204 NEG NEG NEG NEG NEG NEG NEG  
## 1205 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1206 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1207 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1208 NEG CMY-4 NEG NEG OXA-48 NDM-1 NEG  
## 1209 NEG CMY-4 NEG NEG OXA-48 NDM-1 NEG  
## 1210 NEG NEG NEG NEG NEG NEG NEG  
## 1211 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1212 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1213 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1214 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1215 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1216 NEG NEG NEG NEG OXA-48 NEG NEG  
## 1217 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1218 NEG NEG NEG NEG NEG NEG NEG  
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## 1234 NEG NEG NEG NEG NEG NEG NEG  
## 1235 NEG NEG DHA-1 NEG NEG NEG NEG  
## 1236 NEG NEG NEG NEG NEG NEG NEG  
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## 1238 NEG NEG NEG NEG NEG NEG NEG  
## 1239 NEG NEG NEG NEG NEG NEG NEG  
## 1240 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1241 NEG NEG NEG NEG OXA-181 NDM-1 NEG  
## 1242 NEG NEG NEG NEG NEG NEG NEG  
## 1243 NEG NEG NEG NEG NEG NEG NEG  
## 1244 NEG NEG NEG NEG NEG NEG NEG  
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## 1246 NEG NEG NEG NEG NEG NEG NEG  
## 1247 NEG NEG NEG NEG NEG NEG NEG  
## 1248 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1249 NEG NEG NEG NEG NEG NEG NEG  
## 1250 NEG NEG NEG NEG NEG NEG NEG  
## 1251 NEG NEG NEG NEG NEG NEG NEG  
## 1252 NEG NEG NEG NEG NEG NEG NEG  
## 1253 NEG NEG NEG NEG NEG NEG NEG  
## 1254 NEG CMY-2 NEG NEG NEG NEG NEG  
## 1255 NEG NEG NEG NEG NEG NEG NEG  
## 1256 NEG NEG NEG NEG NEG NEG NEG  
## 1257 NEG NEG NEG NEG NEG NEG NEG  
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## 1262 NEG NEG NEG NEG NEG NEG NEG  
## 1263 NEG NEG NEG NEG NEG NEG NEG  
## 1264 NEG NEG NEG NEG NEG NDM-1 NEG  
## 1265 NEG NEG NEG NEG NEG NEG NEG  
## 1266 NEG NEG NEG NEG NEG NEG NEG  
## 1267 NEG NEG NEG NEG NEG NDM-5 NEG  
## 1268 NEG NEG NEG NEG NEG NEG NEG  
## 1269 NEG NEG NEG NEG NEG NEG NEG  
## 1270 NEG NEG NEG NEG NEG NDM-5 NEG  
## 1271 NEG NEG NEG NEG NEG NEG NEG  
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## 1281 NEG NEG NEG NEG NEG NEG NEG  
## 1282 NEG NEG NEG NEG NEG NDM-5 NEG  
## 1283 NEG NEG NEG NEG NEG NEG NEG  
## 1284 NEG NEG NEG NEG NEG NEG NEG  
## 1285 NEG NEG NEG NEG NEG NEG NEG  
## 1286 NEG NEG NEG NEG NEG NEG NEG  
## 1287 NEG NEG NEG NEG OXA-181 NDM-1 NEG  
## 1288 NEG NEG NEG NEG OXA-232 NEG NEG  
## 1289 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1290 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1291 NEG NEG NEG NEG NEG NEG NEG  
## 1292 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1293 NEG NEG NEG NEG OXA-232 NDM-1 NEG  
## 1294 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1295 NEG NEG NEG NEG OXA-232 NDM-1 NEG  
## 1296 NEG NEG NEG NEG NEG NEG NEG  
## 1297 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1298 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1299 NEG NEG NEG NEG OXA-232 NDM-1 NEG  
## 1300 NEG NEG NEG NEG NEG NEG NEG  
## 1301 NEG NEG NEG NEG NEG NEG NEG  
## 1302 NEG NEG NEG NEG OXA-232 NDM-1 NEG  
## 1303 NEG NEG NEG NEG OXA-181 NEG NEG  
## 1304 NEG NEG NEG NEG NEG NEG NEG  
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## 1312 NEG NEG NEG NEG NEG NEG NEG  
## 1313 NEG NEG NEG NEG NEG NEG NEG  
## 1314 NEG NEG NEG NEG NEG NEG NEG  
## 1315 NEG NEG NEG NEG NEG NEG NEG  
## [ reached 'max' / getOption("max.print") -- omitted 505 rows ]

Africa\_data <- read.csv("D:/AMR challenge/Datasets/Africa data cleaned.csv")

mapdata <- map\_data("world")  
colnames(mapdata)[colnames(mapdata) == "region"] <- "Country"  
  
africa\_mapdata <- mapdata %>% filter(Country %in% c("Algeria", "Angola", "Benin", "Botswana", "Burkina Faso", "Burundi", "Cabo Verde",   
 "Cameroon", "Central African Republic", "Chad", "Comoros", "Democratic Republic of the Congo",  
 "Djibouti", "Egypt", "Equatorial Guinea", "Eritrea", "Eswatini", "Ethiopia", "Gabon",   
 "Gambia", "Ghana", "Guinea", "Guinea-Bissau", "Ivory Coast", "Kenya", "Lesotho",   
 "Liberia", "Libya", "Madagascar", "Malawi", "Mali", "Mauritania", "Mauritius",   
 "Morocco", "Mozambique", "Namibia", "Niger", "Nigeria", "Republic of the Congo",   
 "Rwanda", "Sao Tome and Principe", "Senegal", "Seychelles", "Sierra Leone",   
 "Somalia", "South Africa", "South Sudan", "Sudan", "Tanzania", "Togo", "Tunisia",   
 "Uganda", "Zambia", "Zimbabwe"))

africadata1 <- Africa\_data %>%   
 mutate(Agecat = case\_when(  
 Age.Group %in% c("0 to 2 Years", "13 to 18 Years") ~ "0-18",  
 Age.Group == "19 to 64 Years" ~ "19-64",  
 Age.Group %in% c("65 to 84 Years", "85 and Over") ~ "≥65",  
 Age.Group == "Unknown" ~ "Unknown"  
 ))  
  
table(africadata1$Agecat)

##   
## ≥65 0-18 19-64 Unknown   
## 435 305 947 53

africadata2 <- africadata1 %>%  
 mutate(SourceCat = case\_when(  
 Source %in% c("Bronchoalveolar lavage", "Bronchus", "Endotracheal aspirate", "Lungs", "Pleural Fluid",   
 "Respiratory: Other", "Sputum", "Throat", "Trachea", "Thoracentesis Fluid") ~ "Respiratory",  
 Source %in% c("Abdominal Fluid", "Appendix", "Colon", "Diverticulum", "Gall Bladder", "Gastric Abscess",   
 "Intestinal: Other", "Pancreas", "Peritoneal Fluid", "Stomach") ~ "Gastrointestinal",  
 Source %in% c("Bladder", "Kidney", "Ureter", "Urethra", "Urine") ~ "Urinary",  
 Source %in% c("Abscess", "Burn", "Carbuncle", "Cellulitis", "Impetiginous lesions", "Skin", "Skin: Other",   
 "Ulcer", "Wound", "Tissue Fluid", "Exudate") ~ "Skin and Soft Tissue",  
 Source %in% c("CNS: Other", "CSF") ~ "Central Nervous System",  
 Source %in% c("Blood", "Circulatory: Other") ~ "Blood and Cardiovascular",  
 Source %in% c("Prostate", "Vagina", "Genitourinary (non-urinary)") ~ "Genitourinary (non-urinary)",  
 Source %in% c("Catheters", "Drains", "Eye", "HEENT: Other", "Liver", "Synovial Fluid", "Bone") ~ "Other"  
 ))  
  
table(africadata2$SourceCat)

##   
## Blood and Cardiovascular Central Nervous System   
## 405 4   
## Gastrointestinal Genitourinary (non-urinary)   
## 186 11   
## Other Respiratory   
## 11 320   
## Skin and Soft Tissue Urinary   
## 389 482

africadata3 <- africadata2 %>%   
 mutate(Yearcat = case\_when(  
 Year %in% c("2005", "2006", "2007", "2011") ~ "2005-2011",  
 Year %in% c("2012", "2013", "2014", "2015", "2016") ~ "2012-2016",  
 Year %in% c("2017", "2018", "2019", "2020", "2021") ~ "2017-2021"  
 ))  
  
table(africadata3$Yearcat)

##   
## 2005-2011 2012-2016 2017-2021   
## 33 684 1103

africadata7 <- Africa\_data %>%  
 mutate(across(c("AMPC", "SHV", "TEM", "CTXM1", "CTXM2", "CTXM9", "PER", "CMY11", "DHA", "KPC", "OXA", "NDM", "VIM"), ~ ifelse(. == "NEG", 0, 1))) %>%  
 rowwise() %>%   
 mutate(Totalgenes = sum(c\_across(c("AMPC", "SHV", "TEM", "CTXM1", "CTXM2", "CTXM9", "PER", "CMY11", "DHA", "KPC", "OXA", "NDM", "VIM")), na.rm = TRUE)) %>%   
 ungroup()  
  
print(africadata7, width = 100)

## # A tibble: 1,820 × 77  
## Isolate.Id Study Species Family Country Gender Age.Group Speciality Source  
## <int> <chr> <chr> <chr> <chr> <chr> <chr> <chr> <chr>   
## 1 1043173 Inform Klebsiel… Enter… Nigeria Male 19 to 64… Surgery G… Wound   
## 2 1043175 Inform Escheric… Enter… Nigeria Female Unknown Surgery G… Wound   
## 3 1043176 Inform Escheric… Enter… Nigeria Female 19 to 64… Surgery G… Wound   
## 4 1043177 Inform Escheric… Enter… Nigeria Female 19 to 64… Medicine … Urine   
## 5 1043178 Inform Escheric… Enter… Nigeria Male Unknown Surgery G… Urine   
## 6 1043182 Inform Escheric… Enter… Nigeria Female 19 to 64… Surgery G… None …  
## 7 1043183 Inform Escheric… Enter… Nigeria Female 19 to 64… Surgery G… Urine   
## 8 1043184 Inform Escheric… Enter… Nigeria Female 0 to 2 Y… Pediatric… Wound   
## 9 1043185 Inform Escheric… Enter… Nigeria Male 19 to 64… Medicine … Urine   
## 10 1043188 Inform Klebsiel… Enter… Nigeria Male 0 to 2 Y… Emergency… Wound   
## In...Out.Patient Year Phenotype Amikacin Amikacin\_I Amoxycillin.clavulan…¹  
## <chr> <int> <chr> <chr> <chr> <chr>   
## 1 Inpatient 2013 ESBL 4 Susceptible 16   
## 2 Inpatient 2013 ESBL 8 Intermediate >16   
## 3 Inpatient 2013 ESBL 2 Susceptible 8   
## 4 Inpatient 2013 ESBL 4 Susceptible 16   
## 5 Inpatient 2013 ESBL 4 Susceptible 8   
## 6 Inpatient 2013 ESBL 8 Intermediate 16   
## 7 Inpatient 2013 ESBL 8 Intermediate 16   
## 8 Inpatient 2013 ESBL 8 Intermediate >16   
## 9 Inpatient 2013 ESBL 4 Susceptible 16   
## 10 Outpatient 2013 ESBL 4 Susceptible 16   
## # ℹ 1,810 more rows  
## # ℹ abbreviated name: ¹​Amoxycillin.clavulanate  
## # ℹ 62 more variables: Amoxycillin.clavulanate\_I <chr>, Ampicillin <chr>, Ampicillin\_I <chr>,  
## # Cefepime <chr>, Cefepime\_I <chr>, Ceftazidime <chr>, Ceftazidime\_I <chr>, Ceftriaxone <chr>,  
## # Ceftriaxone\_I <chr>, Imipenem <chr>, Imipenem\_I <chr>, Levofloxacin <chr>,  
## # Levofloxacin\_I <chr>, Meropenem <chr>, Meropenem\_I <chr>, Minocycline <chr>,  
## # Minocycline\_I <chr>, Piperacillin.tazobactam <chr>, Piperacillin.tazobactam\_I <chr>, …

africadata8 <- africadata7 %>%   
 dplyr::select(Country, AMPC, SHV, TEM, CTXM1, CTXM2, CTXM9, PER, CMY11, DHA, KPC, OXA, NDM, VIM, Totalgenes)

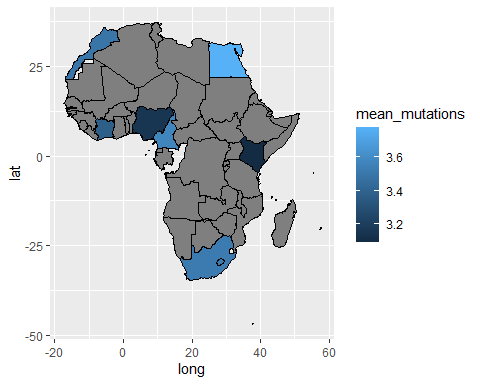
africadata9 <- africadata8 %>%   
 group\_by(Country) %>%   
 summarise(mean\_mutations = mean(Totalgenes, na.rm = TRUE)) %>%   
 ungroup()  
  
print(africadata9)

## # A tibble: 7 × 2  
## Country mean\_mutations  
## <chr> <dbl>  
## 1 Cameroon 3.57  
## 2 Egypt 3.78  
## 3 Ivory Coast 3.38  
## 4 Kenya 3.09  
## 5 Morocco 3.49  
## 6 Nigeria 3.15  
## 7 South Africa 3.52

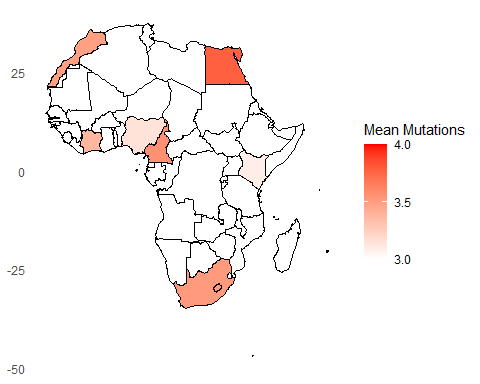
africadata10 <- left\_join(africa\_mapdata, africadata9, by="Country")  
  
print(africadata10, wide = 100)

## long lat group order Country  
## 1 23.966503143 -10.87177753 3 423 Angola  
## 2 23.988281250 -11.00283241 3 424 Angola  
## 3 24.010057449 -11.18476582 3 425 Angola  
## 4 24.025587082 -11.31562519 3 426 Angola  
## 5 24.041406631 -11.37412071 3 427 Angola  
## 6 24.046680450 -11.40537071 3 428 Angola  
## 7 24.029296875 -11.43915939 3 429 Angola  
## 8 24.014648438 -11.51767540 3 430 Angola  
## 9 23.986816406 -11.58720684 3 431 Angola  
## 10 23.970996857 -11.63584042 3 432 Angola  
## 11 23.983886719 -11.72499943 3 433 Angola  
## 12 23.973438263 -11.85293007 3 434 Angola  
## 13 23.962305069 -11.98789024 3 435 Angola  
## 14 23.958887100 -12.11777306 3 436 Angola  
## 15 23.996484756 -12.35068321 3 437 Angola  
## 16 23.991310120 -12.42216778 3 438 Angola  
## 17 23.944726944 -12.54374981 3 439 Angola  
## 18 23.909376144 -12.63613224 3 440 Angola  
## 19 23.886524200 -12.74326134 3 441 Angola  
## 20 23.882421494 -12.79902363 3 442 Angola  
## 21 23.968065262 -12.95693398 3 443 Angola  
## 22 23.962987900 -12.98847675 3 444 Angola  
## 23 23.897460938 -12.99824142 3 445 Angola  
## 24 23.843164444 -13.00097656 3 446 Angola  
## 25 23.635841370 -13.00097656 3 447 Angola  
## 26 23.338672638 -13.00097656 3 448 Angola  
## 27 23.041503906 -13.00097656 3 449 Angola  
## 28 22.744335175 -13.00097656 3 450 Angola  
## 29 22.470996857 -13.00097656 3 451 Angola  
## 30 22.209569931 -13.00097656 3 452 Angola  
## 31 21.978906631 -13.00097656 3 453 Angola  
## 32 21.979003906 -13.15683651 3 454 Angola  
## 33 21.979101181 -13.47773361 3 455 Angola  
## 34 21.979101181 -13.79873085 3 456 Angola  
## 35 21.979297638 -14.11962795 3 457 Angola  
## 36 21.979394913 -14.44052792 3 458 Angola  
## 37 21.979492188 -14.76142502 3 459 Angola  
## 38 21.979589462 -15.08232498 3 460 Angola  
## 39 21.979686737 -15.40322208 3 461 Angola  
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map3 <- ggplot(africadata10, aes(x = long, y = lat, group = group)) +  
 geom\_polygon(aes(fill = mean\_mutations), color = "Black")  
map3



map4 <- map3 +   
 scale\_fill\_gradient(  
 name = "Mean Mutations",  
 low = "white",   
 high = "red",   
 na.value = "white",  
 limits = c(3,4),  
 breaks = seq(3,4, by = 0.5)  
 ) +  
 theme(axis.text.x = element\_blank(),  
 axis.title.y = element\_blank(),  
 axis.ticks = element\_blank(),  
 axis.title.x = element\_blank(),  
 rect = element\_blank())  
map4



ggsave(filename = "Mean Mutations.png", plot = map4, width = 10, height = 8, dpi = 300)

africadataA <- Africa\_data %>%  
 dplyr::select(Country, Amikacin\_I, Amoxycillin.clavulanate\_I, Ampicillin\_I, Gentamicin\_I, Trimethoprim.sulfa\_I, Cefepime\_I, Ceftazidime\_I, Ceftriaxone\_I, Imipenem\_I, Levofloxacin\_I, Meropenem\_I, Piperacillin.tazobactam\_I, Ciprofloxacin\_I, Ertapenem\_I)

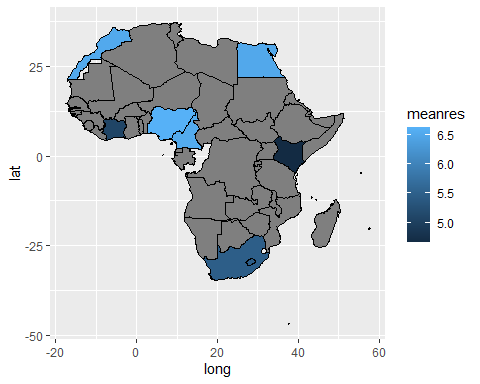
africadataB <- africadataA %>%   
 mutate(across(c("Amikacin\_I", "Amoxycillin.clavulanate\_I", "Ampicillin\_I", "Gentamicin\_I", "Trimethoprim.sulfa\_I", "Cefepime\_I", "Ceftazidime\_I", "Ceftriaxone\_I", "Imipenem\_I", "Levofloxacin\_I", "Meropenem\_I", "Piperacillin.tazobactam\_I", "Ciprofloxacin\_I", "Ertapenem\_I"), ~ ifelse(.== "Resistant", 1,0))) %>%   
 rowwise() %>%   
 mutate(totalres = sum(c\_across(c("Amikacin\_I", "Amoxycillin.clavulanate\_I", "Ampicillin\_I", "Gentamicin\_I", "Trimethoprim.sulfa\_I", "Cefepime\_I", "Ceftazidime\_I", "Ceftriaxone\_I", "Imipenem\_I", "Levofloxacin\_I", "Meropenem\_I", "Piperacillin.tazobactam\_I", "Ciprofloxacin\_I", "Ertapenem\_I")), na.rm = TRUE)) %>%  
ungroup()

africadataC <- africadataB %>%   
 group\_by(Country) %>%   
 summarise(meanres = mean(totalres, na.rm = TRUE)) %>%   
 ungroup()  
  
print(africadataC)

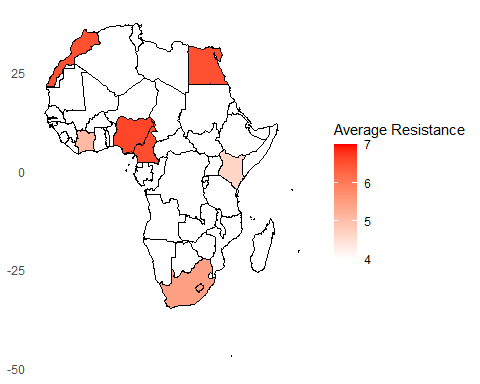
## # A tibble: 7 × 2  
## Country meanres  
## <chr> <dbl>  
## 1 Cameroon 6.54  
## 2 Egypt 6.51  
## 3 Ivory Coast 5.08  
## 4 Kenya 4.66  
## 5 Morocco 6.52  
## 6 Nigeria 6.63  
## 7 South Africa 5.46

africadataD <- left\_join(africa\_mapdata, africadataC, by="Country")

mapA <- ggplot(africadataD, aes(x = long, y = lat, group = group)) +  
 geom\_polygon(aes(fill = meanres), color = "Black")  
mapA



mapB <- mapA +   
 scale\_fill\_gradient(  
 name = "Average Resistance",  
 low = "white",   
 high = "red",   
 na.value = "white",  
 limits = c(4,7),  
 breaks = seq(4,7, by = 1)  
 ) +  
 theme(axis.text.x = element\_blank(),  
 axis.title.y = element\_blank(),  
 axis.ticks = element\_blank(),  
 axis.title.x = element\_blank(),  
 rect = element\_blank())  
mapB



ggsave(filename = "Average resistance.png", plot = mapB, width = 10, height = 8, dpi = 300)

africadataE <- left\_join(africadata9, africadataC, by = "Country")  
  
print(africadataE)

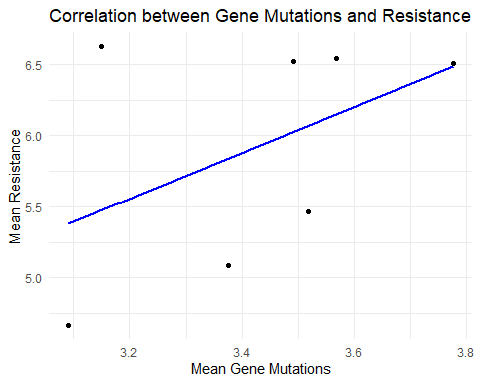
## # A tibble: 7 × 3  
## Country mean\_mutations meanres  
## <chr> <dbl> <dbl>  
## 1 Cameroon 3.57 6.54  
## 2 Egypt 3.78 6.51  
## 3 Ivory Coast 3.38 5.08  
## 4 Kenya 3.09 4.66  
## 5 Morocco 3.49 6.52  
## 6 Nigeria 3.15 6.63  
## 7 South Africa 3.52 5.46

africadataF\_spearman <- cor.test(africadataE$meanres, africadataE$mean\_mutations, method = "spearman", exact = FALSE)  
  
print(paste("Spearman correlation: ", africadataF\_spearman))

## [1] "Spearman correlation: c(S = 40)"   
## [2] "Spearman correlation: NULL"   
## [3] "Spearman correlation: 0.534509228601041"   
## [4] "Spearman correlation: c(rho = 0.285714285714286)"   
## [5] "Spearman correlation: c(rho = 0)"   
## [6] "Spearman correlation: two.sided"   
## [7] "Spearman correlation: Spearman's rank correlation rho"   
## [8] "Spearman correlation: africadataE$meanres and africadataE$mean\_mutations"

ggplot(africadataE, aes(x = mean\_mutations, y = meanres)) +  
 geom\_point() +  
 geom\_smooth(method = "lm", se = FALSE, color = "blue") +  
 labs(x = "Mean Gene Mutations", y = "Mean Resistance",   
 title = "Correlation between Gene Mutations and Resistance") +  
 theme\_minimal()

## `geom\_smooth()` using formula = 'y ~ x'



print(africadataF\_spearman)

##   
## Spearman's rank correlation rho  
##   
## data: africadataE$meanres and africadataE$mean\_mutations  
## S = 40, p-value = 0.5345  
## alternative hypothesis: true rho is not equal to 0  
## sample estimates:  
## rho   
## 0.2857143