



Table S1. Top 10 antibiotic combinations in patients of different sex according to the number of prescriptions and number of prescriptions per 1000 persons per year.

| Sex | ATC (INN) | No (%) | Rate* |
|--------------|-----------------------------------------------------------|---------------|--------|
| Female | J01CR02+J01DD04 (Coamoxiclav+Ceftriaxone) | 981(16.20%) | 19.37 |
| | J01CR02+J01DD63 (Amoxicillin and BLI+Ceftriaxone and BLI) | 486(8.03%) | 9.60 |
| | J01DD63+J01FA09 (Ceftriaxone and BLI+Clarithromycin) | 255(4.21%) | 5.04 |
| | J01DD04+J01DD08 (Ceftriaxone+Cefixime) | 233(3.85%) | 4.60 |
| | J01DC02+J01DD04 (Cefuroxime+Ceftriaxone) | 230(3.80%) | 4.54 |
| | J01DD04+J01FA09 (Ceftriaxone+Clarithromycin) | 214(3.53%) | 4.23 |
| | J01DD04+J01DD15 (Ceftriaxone+Cefdinir) | 185(3.06%) | 3.65 |
| | J01DD08+J01DD63 (Cefixime+Ceftriaxone and BLI) | 162(2.68%) | 3.20 |
| | J01DC02+J01DD63 (Cefuroxime+Ceftriaxone and BLI) | 162(2.68%) | 3.20 |
| | J01CR02+J01FF02 (Amoxicillin and BLI+Lincomycin) | 136(2.25%) | 2.69 |
| | Top 10 Total | 3044(50.27%) | 60.11 |
| | Other | 3011(49.73%) | 59.46 |
| Total Female | | 6055(100.00%) | 119.56 |
| Male | J01CR02+J01DD04 (Amoxicillin and BLI+Ceftriaxone) | 586(20.60%) | 19.11 |
| | J01CR02+J01DD63 (Amoxicillin and BLI+Ceftriaxone and BLI) | 237(8.33%) | 7.73 |
| | J01DD63+J01FA09 (Ceftriaxone and BLI+Clarithromycin) | 136(4.78%) | 4.43 |
| | J01DD04+J01FA09 (Ceftriaxone+Clarithromycin) | 116(4.08%) | 3.78 |
| | J01DD04+J01DD08 (Ceftriaxone+Cefixime) | 103(3.62%) | 3.36 |
| | J01CR02+J01FF02 (Amoxicillin and BLI+Lincomycin) | 82(2.88%) | 2.67 |
| | J01DD04+J01FA10 (Ceftriaxone+Azithromycin) | 79(2.78%) | 2.58 |
| | J01DD08+J01DD63 (Cefixime+Ceftriaxone and BLI) | 69(2.43%) | 2.25 |
| | J01CA04+J01FA09 (Amoxicillin+Clarithromycin) | 68(2.39%) | 2.22 |
| | J01DC02+J01DD04 (Cefuroxime+Ceftriaxone) | 68(2.39%) | 2.22 |
| | Top 10 Yotal | 1544(54.29%) | 50.34 |
| | Other | 1300(45.71%) | 42.39 |
| Total Male | | 2844(100.00%) | 92.73 |

*No of prescriptions per 1000 persons/ year.