**Supplementary materials**

**Evaluating the effect of COVID-19 on dispensing patterns: a national cohort analysis**

Authorship list

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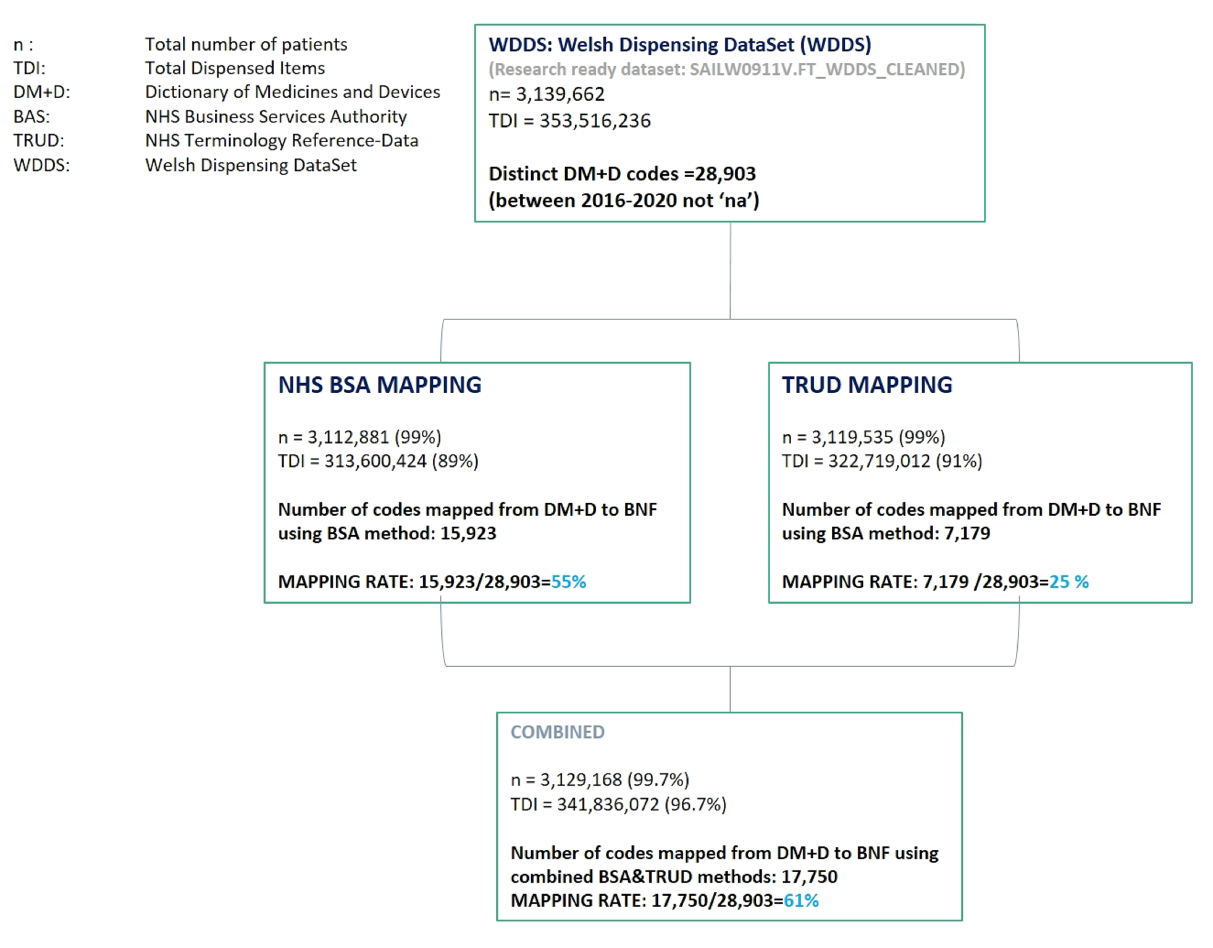
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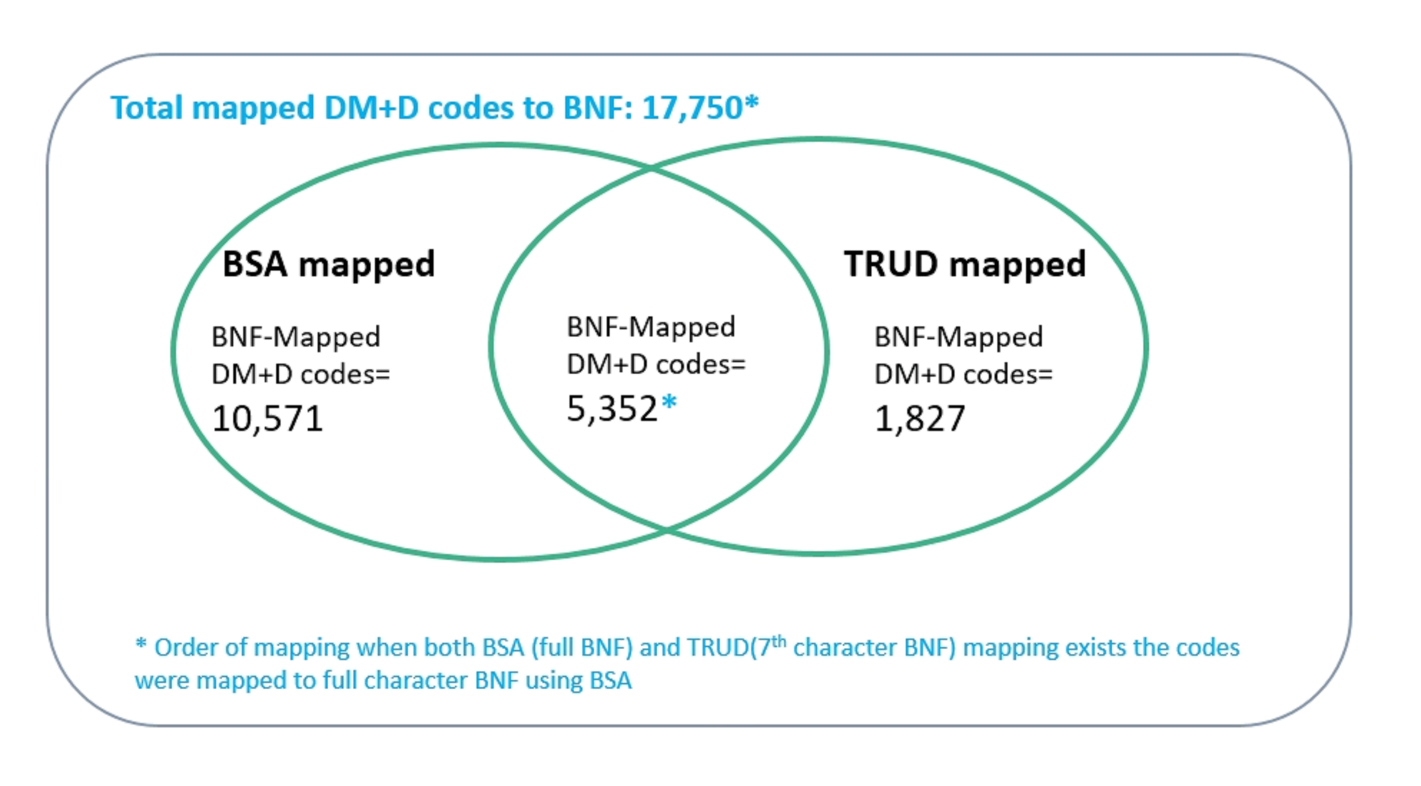
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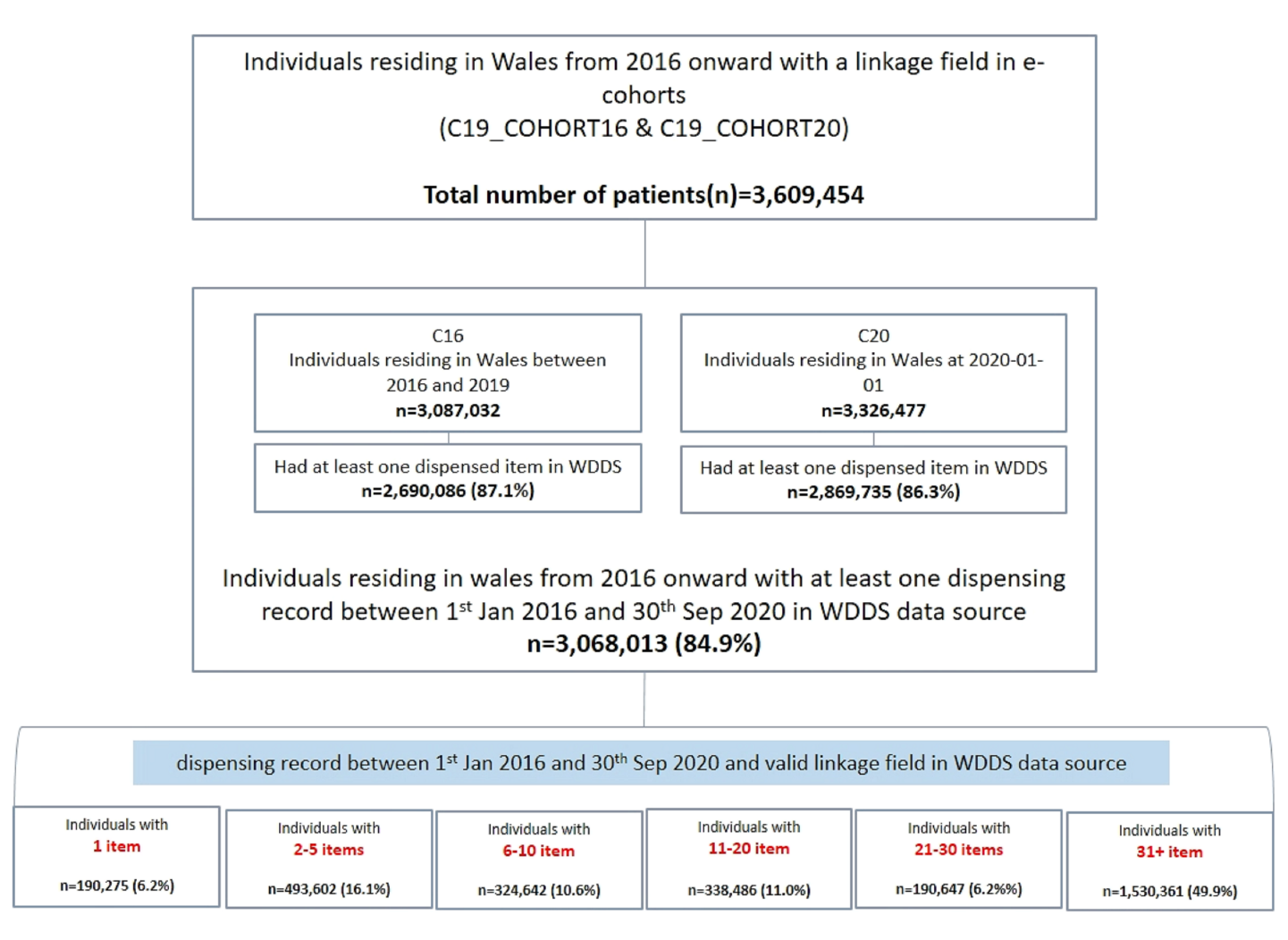
# Supplementary information

Supplementary Figure 1

*1. a: Mapping of DM+D codes from WDDS to BNF codes*



*1.b: Number of dispensed items for individuals residing in Wales and linked to WDDS*



**List of abbreviations**

|  |  |
| --- | --- |
| Full term | Abbreviation |
| D | Difference |
| RC | Relative Change |
| WDDS | Welsh Dispensing DataSet |
| C16 | Electronic cohort for period of 2016-2019 (3) |
| C20 | Electronic cohort for 2020 |
| WDDS | Welsh Dispensing DataSet |
| CVS | Cardiovascular Systems |
| CNS | Central Nervous Systems |
| IVP | Immunological Products and Vaccines |
| NHS TRUD | Terminology Reference-Data Update Distribution |
| NHS BSA | NHS Business Services Authority |
| TDI | Total Dispensed Items |
| DM+D | Dictionary of medicines and devices |
| BNF | British National Formulary |
| Pop’n | Population |

## Supplementary Figure 2.1- Number of dispensed items per BNF chapter-**2020 vs 2019 harmonized scale**

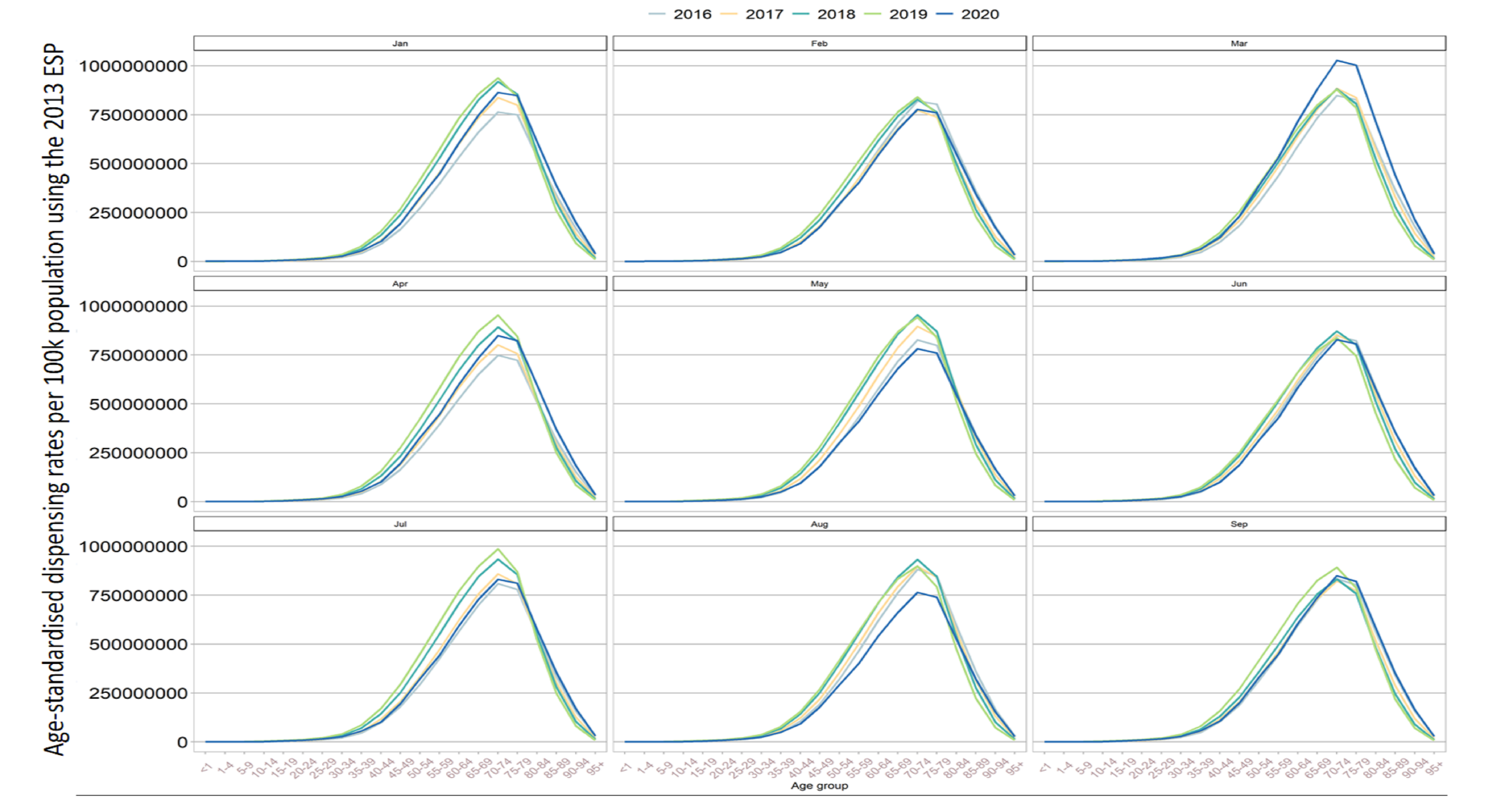
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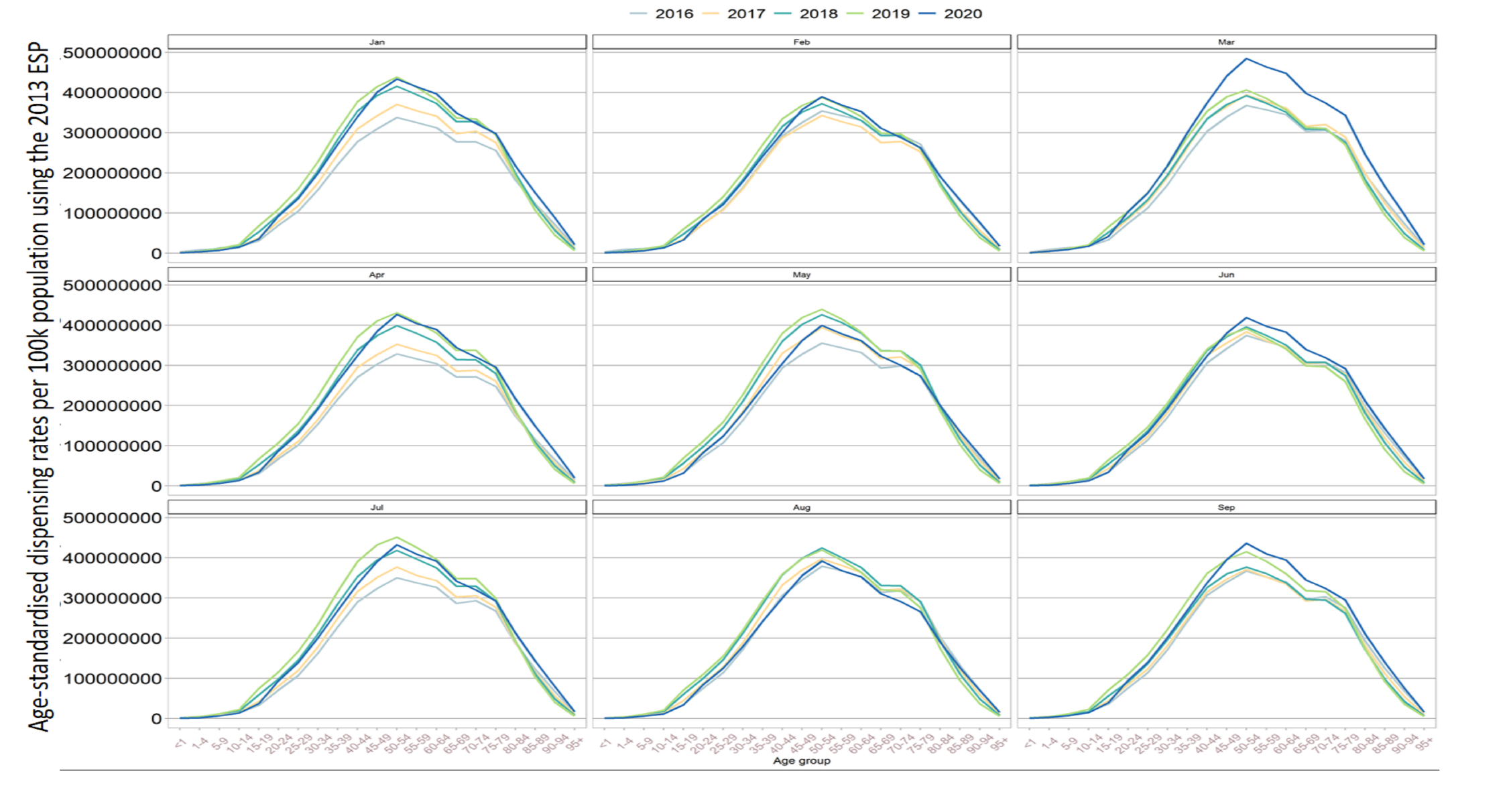
#### Supplementary Figure 2.2- Number of dispensed items per BNF chapter per month –**in all years (numbers of each chapter are individually scaled)**

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#### Supplementary Figure 2.3- Number of dispensed items per BNF chapter per month –**in all years - harmonized scale**



*Supplementary Figure 3.1-**Age-standardized dispensing rates for* ***cardiovascular system*** *in per 100,000 pop’n per year and month* 

*Supplementary Figure 3.2- Age-standardized dispensing rates for* ***Central Nervous System*** *in per 100,000 pop’n per year and month*

*Supplementary Figure3.3- Age-standardized dispensing rates for* ***Immunological Products & Vaccines*** *in per 100,000 pop’n per year and month*

