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**SUPPLEMENTAL TABLE 1: Year-on-year percentage change in monthly counts of CVD medications for England, Scotland and Wales.**

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**SUPPLEMENTAL TABLE 2a: Year-on-year percentage change in monthly counts of dispensed CVD medications (antihypertensives, lipid-lowering medications, T2DM and insulin) in England, Scotland and Wales, stratified by age band, gender, region, ethnicity.**

**Table

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**SUPPLEMENTAL TABLE 2b: Year-on-year percentage change in monthly counts of dispensed CVD medications (AF, Angina, Anticoagulant, Antiplatelets & Heart Failure sub-groups) in England, Scotland and Wales, stratified by age band, gender, region, ethnicity .**

**Table

Description automatically generated**

**SUPPLEMENTAL TABLE 3: Difference in incident medications dispensed by month in England, Scotland and Wales by CVD medications sub-group: 2020/2021 versus 2019.**

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**SUPPLEMENTAL TABLE 4: Categorisation of medications (according to drug substance) by CVD medications sub-group category**

**Graphical user interface, text, application

Description automatically generated**

**EXTENDED FIGURE 1: Mean quantity of CVD medications per dispense by CVD medications sub-groups in England.** Vertical dotted lines indicate the timing of the first, second and third national lockdowns on 26th March 2020, 5th November 2020 and 6th January 2021, respectively.

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**EXTENDED FIGURE 2: Trends in dispensed CVD medications for England, Scotland and Wales***.* **(a,b)** Medication counts by month (**a**) and the year-on-year percentage change in medications (**b**) over the indicated time frames for the different subgroups of CVD medications**.** Vertical dotted lines indicate the timing of the first, second and third national lockdowns on 26th March 2020, 5th November 2020 and 6th January 2021, respectively.

1. **B)**

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**EXTENDED FIGURE 3: Trends in monthly counts of dispensed CVD medications (antihypertensives, lipid-lowering medications, T2DM and insulin) in England, Scotland and Wales, stratified by age, gender, region, ethnicity.** Vertical dotted lines indicate the timing of the first, second and third national lockdowns on 26th March 2020, 5th November 2020 and 6th January 2021, respectively. Ethnicity excludes “British” ethnic group due to scale.

****

**EXTENDED FIGURE 4: Trends in monthly counts of dispensed CVD medications (AF, Angina, Anticoagulant, Antiplatelets & Heart Failure sub-groups) stratified by age, gender, region, ethnicity.** Vertical dotted lines indicate the timing of the first, second and third national lockdowns on 26th March 2020, 5th November 2020 and 6th January 2021, respectively. Ethnicity excludes “British” ethnic group due to scale.

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**EXTENDED FIGURE 5: Comparison of monthly counts of dispensed CVD medications, by linkage status. “Unlinked” category includes medications dispensed with invalid (“null”) ID.** Null IDs may arise from a variety of reasons, including, but not limited to: problems scanning the NHS number from paper prescriptions, non-availability of date of birth for data linkage, deliberate removal of NHS ID from some sensitive medication.Vertical dotted lines indicate the timing of the first, second and third national lockdowns on 26th March 2020, 5th November 2020 and 6th January 2021, respectively.

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**EXTENDED FIGURE 6: Interrupted ARIMA time series analysis of weekly counts of prescribed CVD medications in England June 2018 to May 2021, by CVD medications sub-group (N = 153 weeks).** The following sub-periods were classified: before Christmas (2018, 2019, 2020), Christmas & New Year period (2018-19, 2019-20, 2020-21), before national lockdowns (first: 26th March 2020, second: 5th November 2020, third: 6th January 2021).

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**EXTENDED FIGURE 7: Forest plots of interrupted time series analysis coefficients of weekly counts of prescribed CVD medications in England June 2018 to May 2021, by CVD medications sub-group. (N = 153 weeks).** Point indicates the magnitude of beta coefficient showing change in count of prescribed medications and error bars lower and upper 95% confidence intervals associated with parameter of specified time period in the ITS.

**Graphical user interface

Description automatically generated with medium confidence**

**EXTENDED FIGURE 8: Count of incident medications dispensed by month (AF, Angina, Anticoagulant, Antiplatelets & Heart Failure sub-groups).** Vertical dotted lines indicate the timing of the first, second and third national lockdowns on 26th March 2020, 5th November 2020 and 6th January 2021, respectively.

****

**EXTENDED FIGURE 9: Count of “incident plus lapsing” medications dispensed by month, using one-year washout method for calculating incidence (antihypertensives, lipid-lowering medications, T2DM and insulin).** Vertical dotted lines indicate the timing of the first, second and third national lockdowns on 26th March 2020, 5th November 2020 and 6th January 2021, respectively.

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**EXTENDED FIGURE 10: Comparison of monthly counts in incident CVD medications (antihypertensives, lipid-lowering medications, T2DM and insulin) observed in all individuals and after exclusion of individuals identified as a fatality in England.** a) all individuals: b) excluding individuals identified as COVID-19*;* c) excluding individuals who died from any cause after 1st April 2018 representing an analysis of individuals alive for the duration of the study period. Vertical dotted lines indicate the timing of the first, second and third national lockdowns on 26th March 2020, 5th November 2020 and 6th January 2021, respectively.

**a) b) c))**

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