The French Covid-19 vaccination policy did not solve vaccination inequities: a nationwide longitudinal study on 64.5 million individuals

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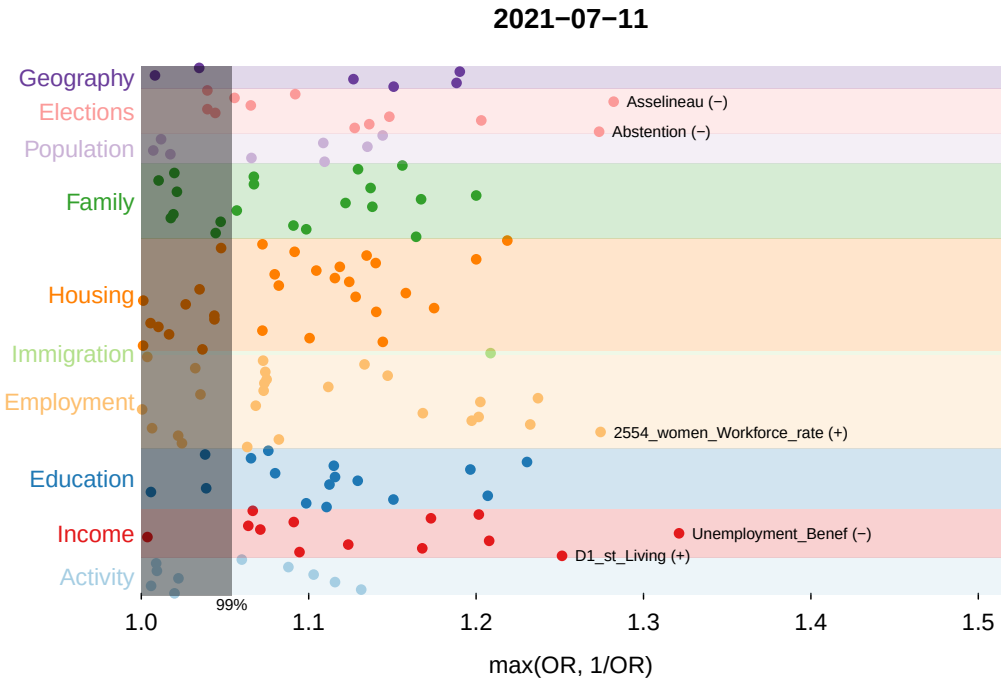
```
# Done only once

# Extract only key columns
tmp <- outLR[, c("varPred", "typePredFull", "thedate", "OR", "OR.CI.min", "OR.CI.max")]
# Rename the columns
names(tmp) <- c("predictor", "class of predictor", "date", "OR", "OR CI min", "OR CI max")

# Save as csv
write.csv(tmp, file = "../ms/SuppTable_OR.csv", row.names = FALSE)
```

```
plotManhattan(outLR, ntop = 5)
```



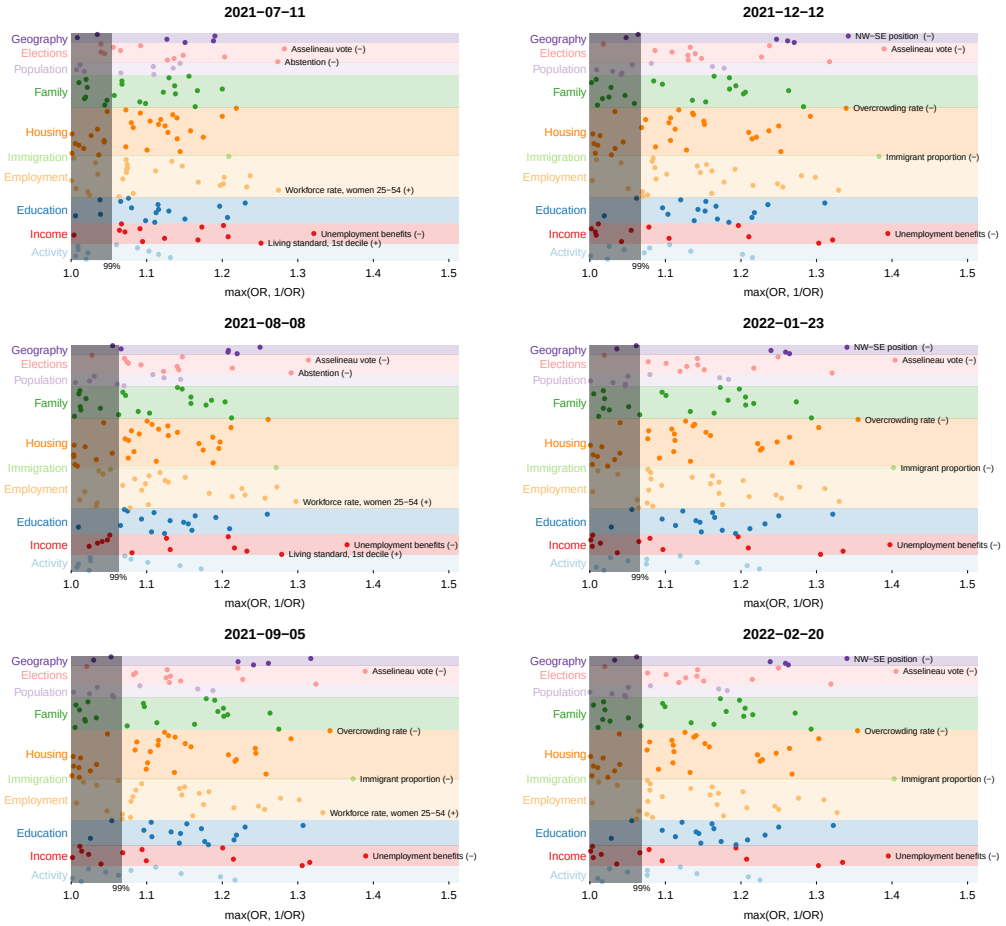
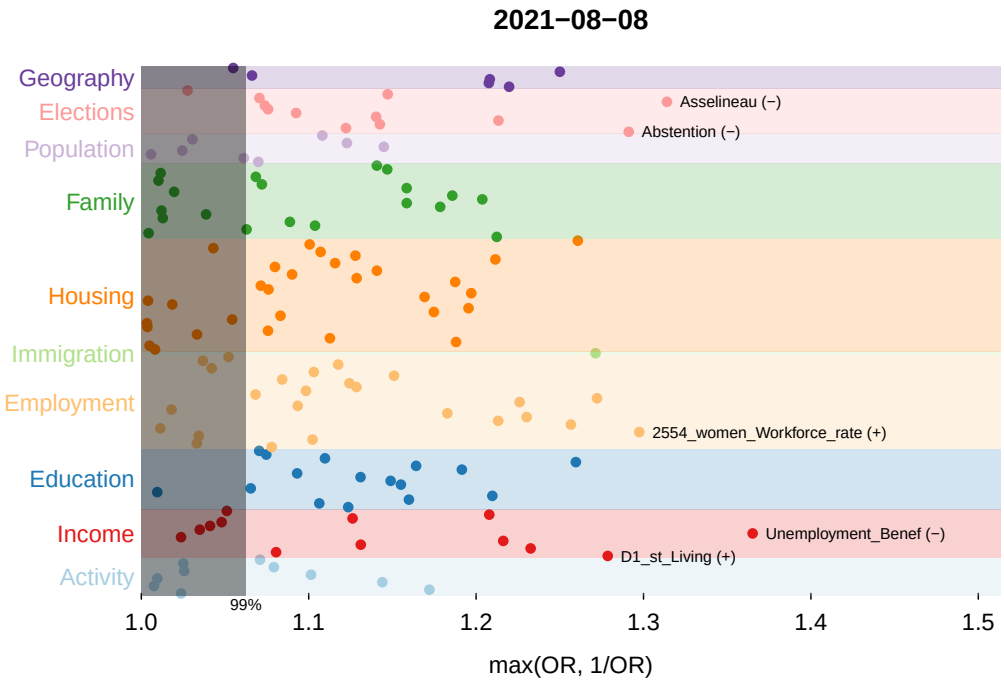
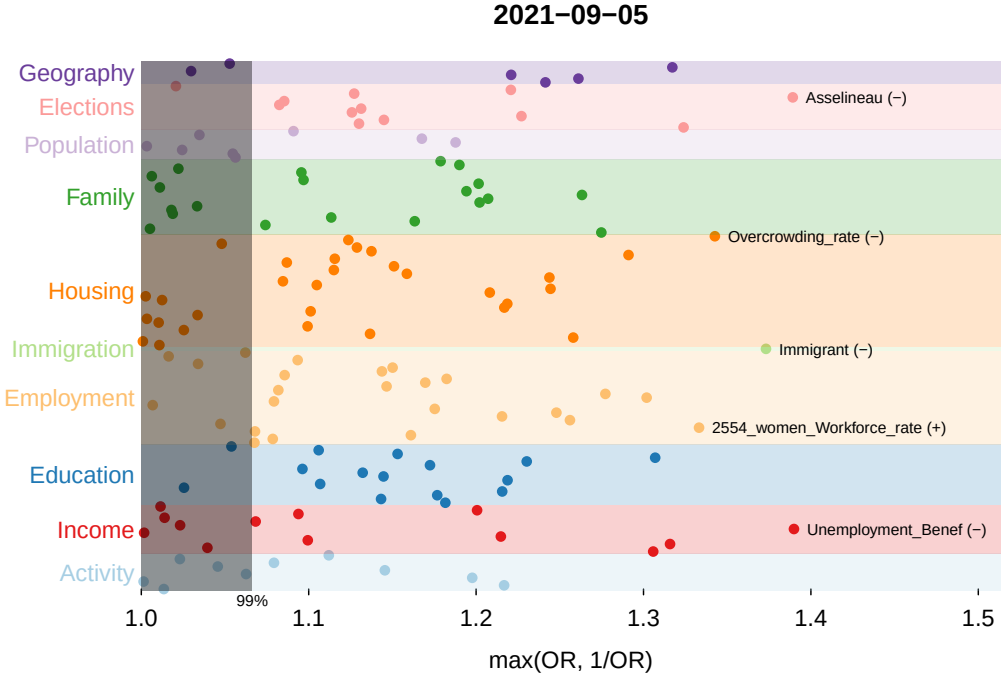


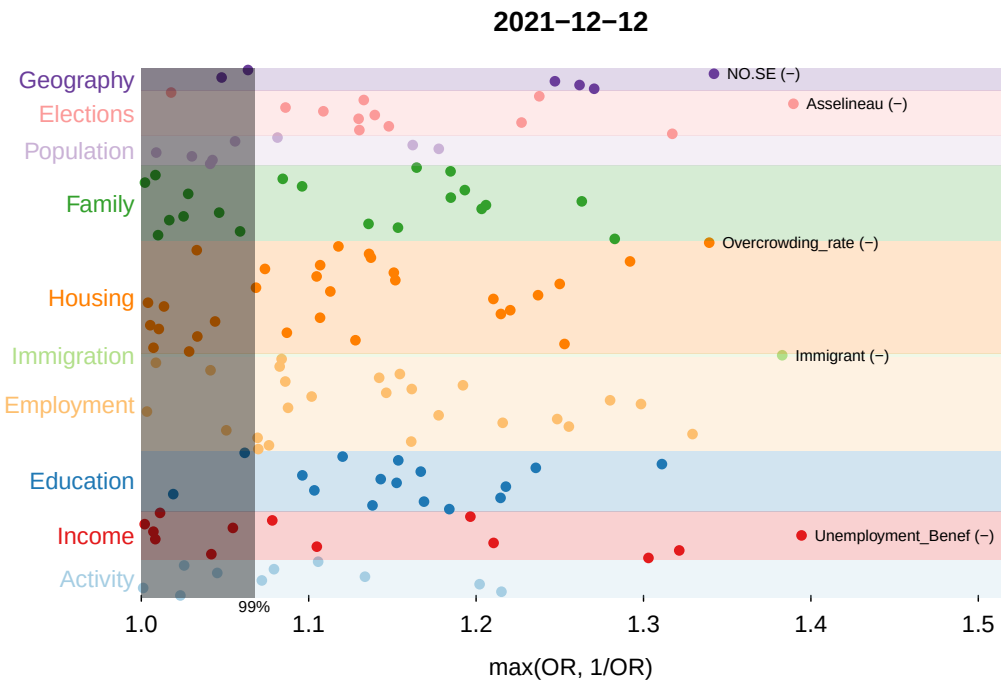
Figure 1: *Manhattan plots of the Odds ratios for each of the indicator of our dataset, by date. Left column: around the Sanitary Pass implementation; right column: around the Vaccine Pass implementation. The top odds ratios are labelled at each time point; the symbol next to the name indicates the direction of the effect. The gray rectangle corresponds to the 99% percentile of odds ratios in the permuted data; points falling in the rectangle are considered as non-significant.*


2021−08−08
Geography
Elections
Population
Family
Housing
Immigration
Employment
Education
Income
Activity
Asselineau (−)
Abstention (−)
2554_women_Workforce_rate (+)
Unemployment_Benef (−)
D1_st_Living (+)
99%
1.0
1.1
1.2
1.3
1.4
1.5
max(OR, 1/OR)

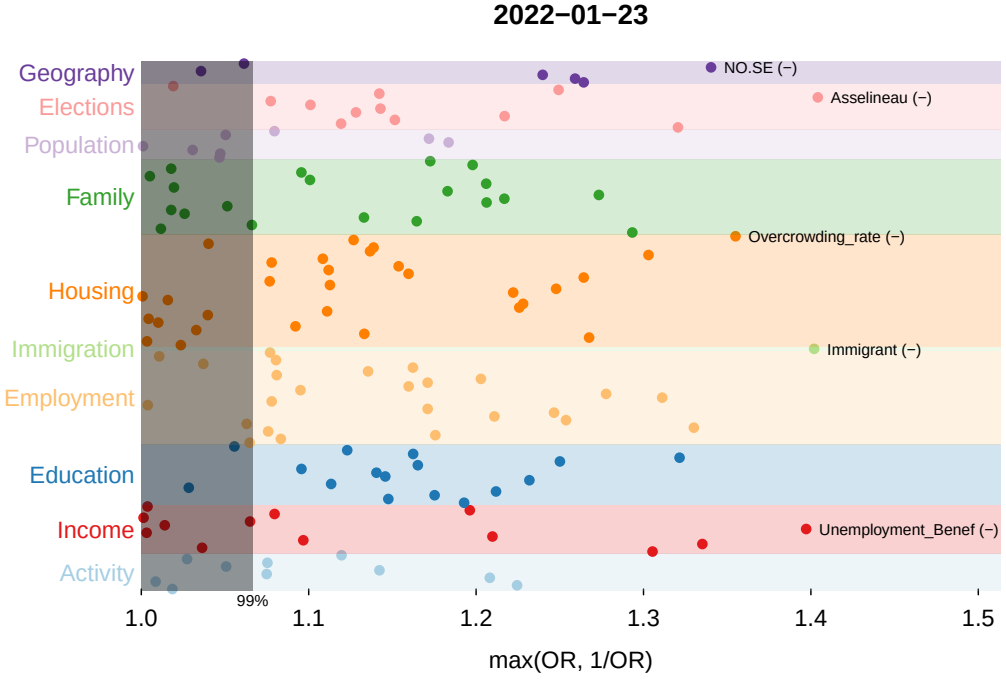
6


2021−09−05
Geography
Elections
Population
Family
Housing
Immigration
Employment
Education
Income
Activity
Asselineau (−)
Overcrowding_rate (−)
Immigrant (−)
2554_women_Workforce_rate (+)
Unemployment_Benef (−)
99%
1.0
1.1
1.2
1.3
1.4
1.5
max(OR, 1/OR)

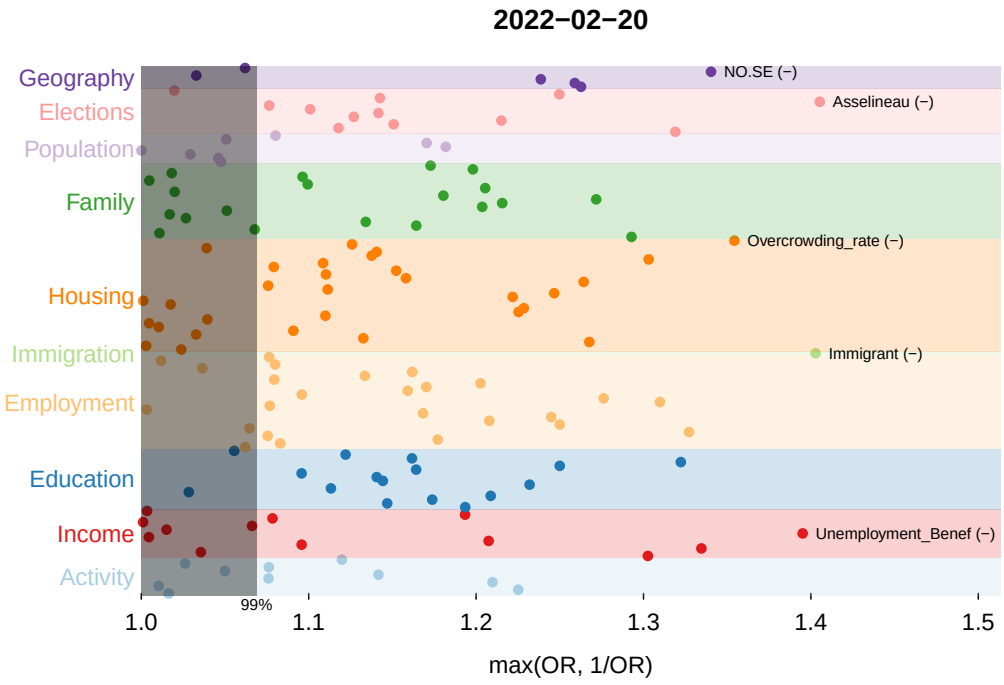
7


2021−12−12
Geography
Elections
Population
Family
Housing
Immigration
Employment
Education
Income
Activity
NO.SE (−)
Asselineau (−)
Overcrowding_rate (−)
Immigrant (−)
Unemployment_Benef (−)
99%
1.0
1.1
1.2
1.3
1.4
1.5
max(OR, 1/OR)

8

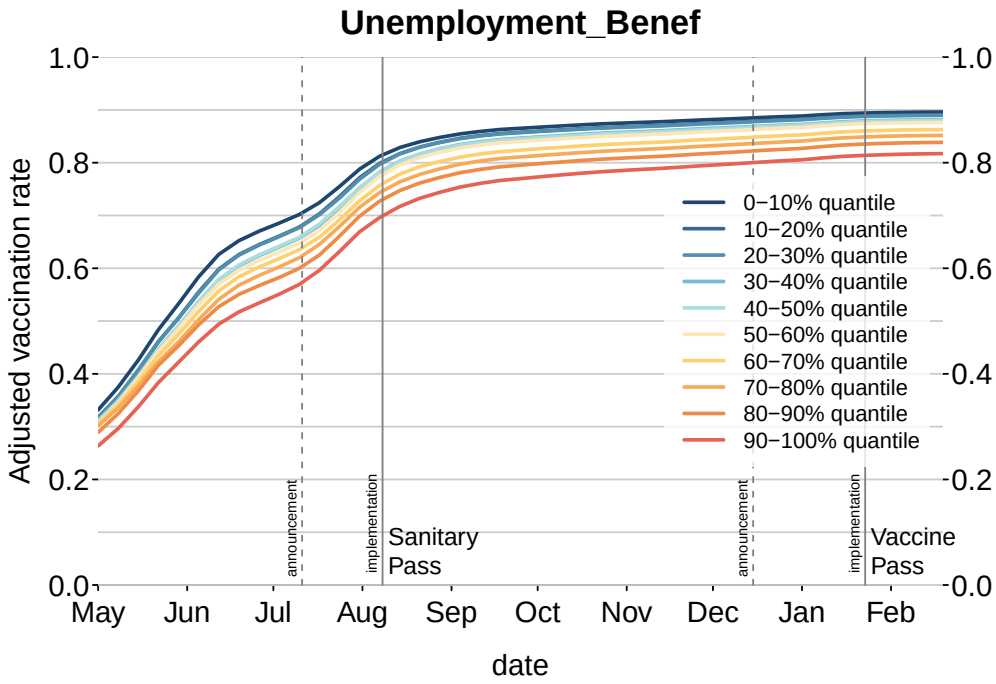

2022−01−23
Geography
Elections
Population
Family
Housing
Immigration
Employment
Education
Income
Activity
NO.SE (−)
Asselineau (−)
Overcrowding_rate (−)
Immigrant (−)
Unemployment_Benef (−)
99%
1.0
1.1
1.2
1.3
1.4
1.5
max(OR, 1/OR)

9



10

```
plotPropTime(outA, plotDates = TRUE, plotGraduations = TRUE)
```



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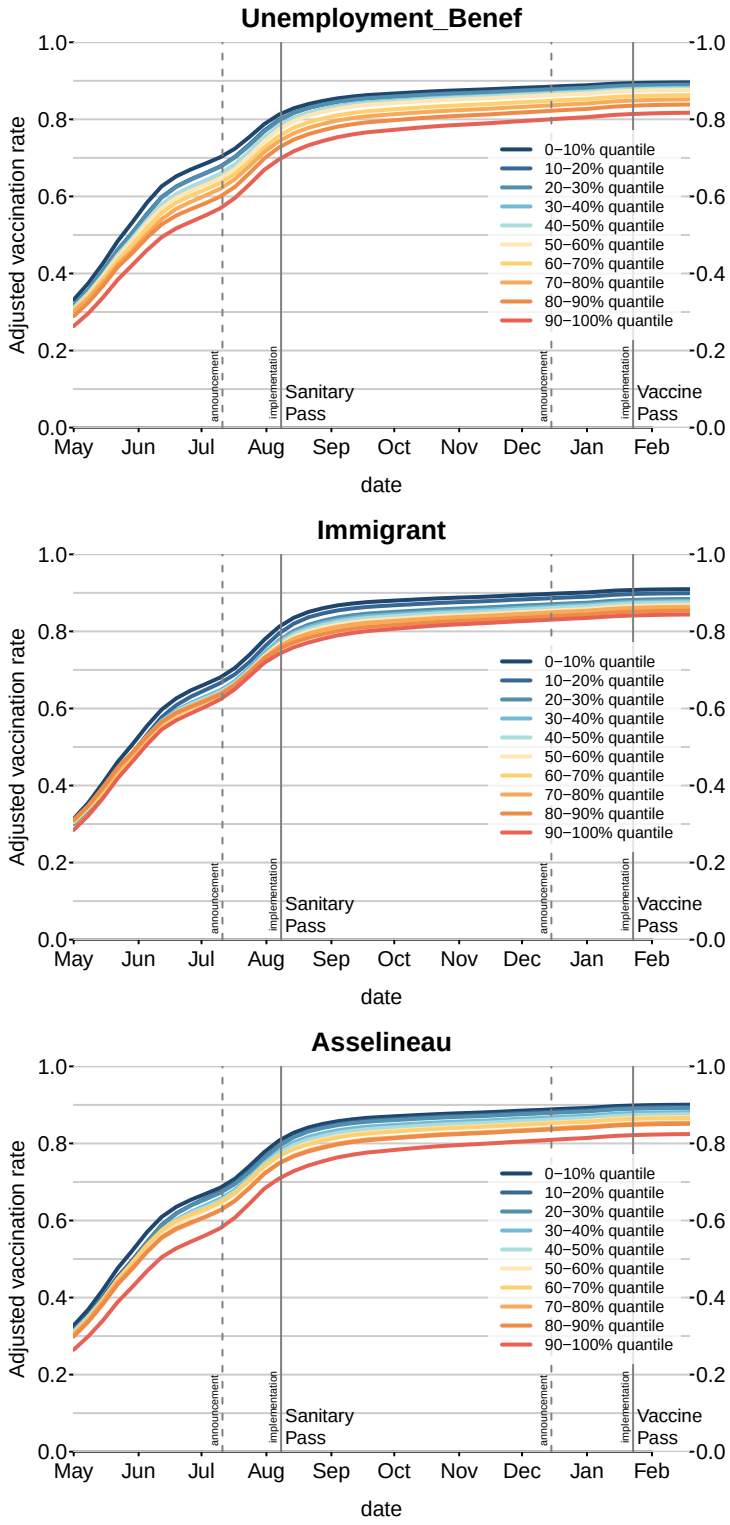
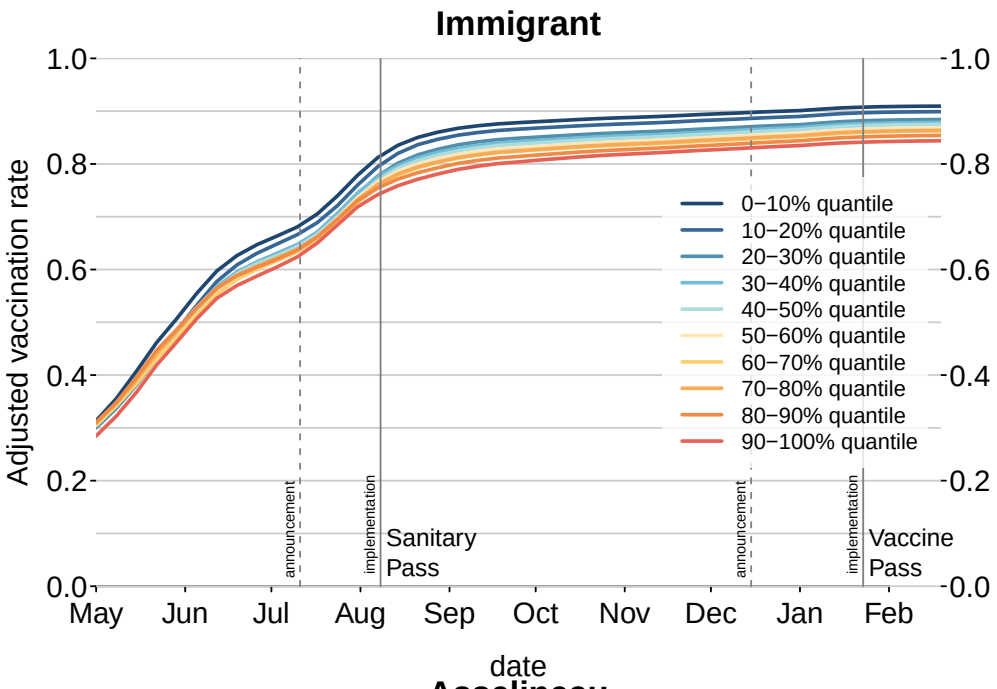
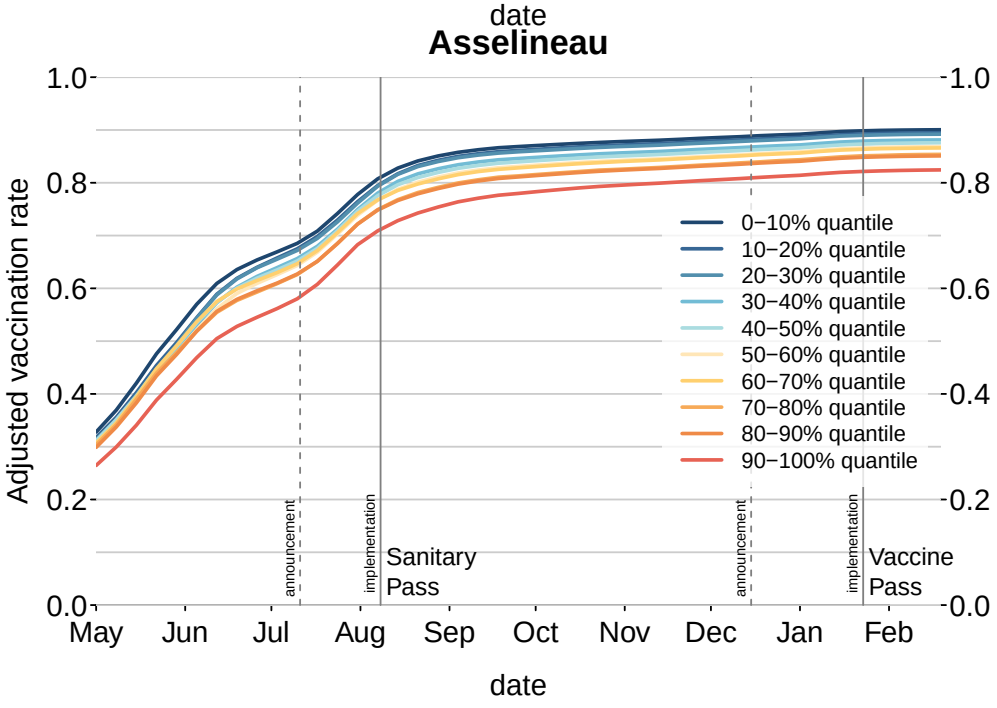


Figure 2: *Age-adjusted vaccination rates among adults, over time, by decile of each indicator (presented by a color gradient). The vertical lines indicate the dates of announcements and implementations of the sanitary and vaccine passes.*


Immigrant
Adjusted vaccination rate
1.0
0.8
0.6
0.4
0.2
0.0
0−10% quantile
10−20% quantile
20−30% quantile
30−40% quantile
40−50% quantile
50−60% quantile
60−70% quantile
70−80% quantile
80−90% quantile
90−100% quantile
announcement
implementation
Sanitary Pass
announcement
implementation
Vaccine Pass
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
date

12


Asselineau
Adjusted vaccination rate
1.0
0.8
0.6
0.4
0.2
0.0
0−10% quantile
10−20% quantile
20−30% quantile
30−40% quantile
40−50% quantile
50−60% quantile
60−70% quantile
70−80% quantile
80−90% quantile
90−100% quantile
announcement
implementation
Sanitary Pass
announcement
implementation
Vaccine Pass
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
date

13

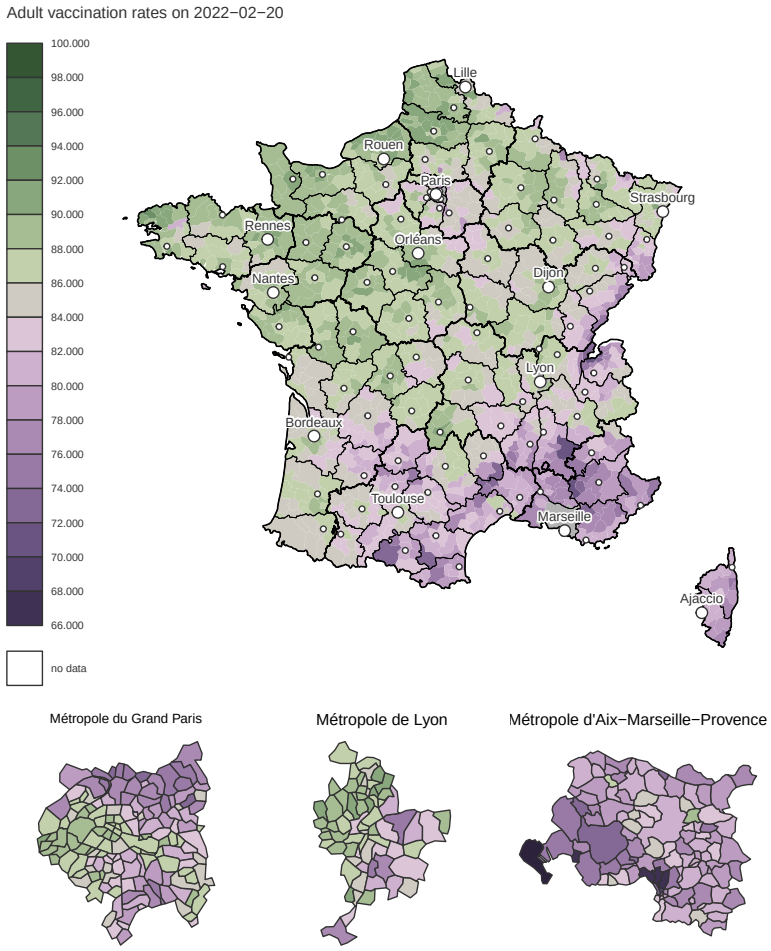


Figure 3: *Adult vaccination rates by district of mainland France*