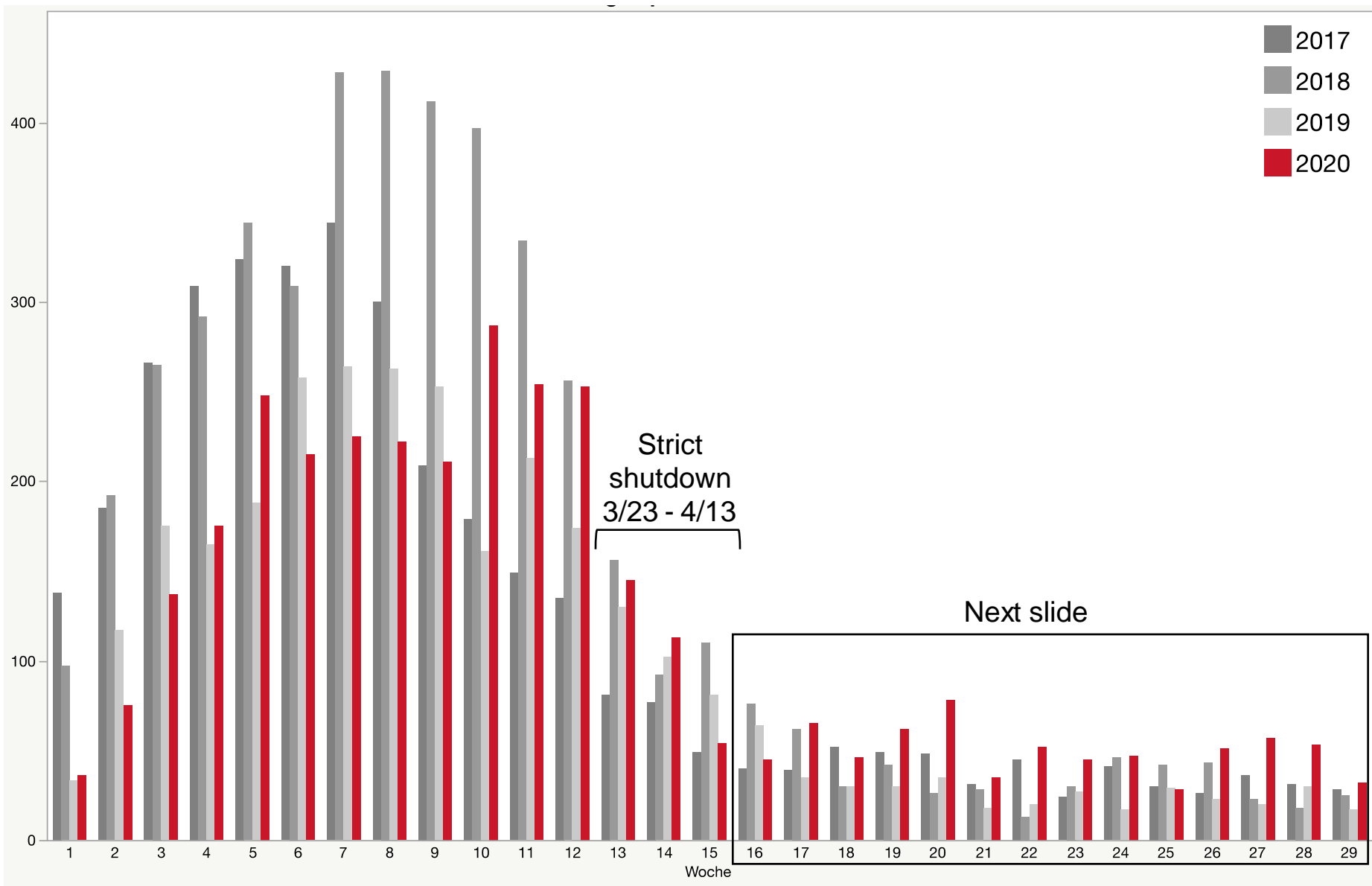


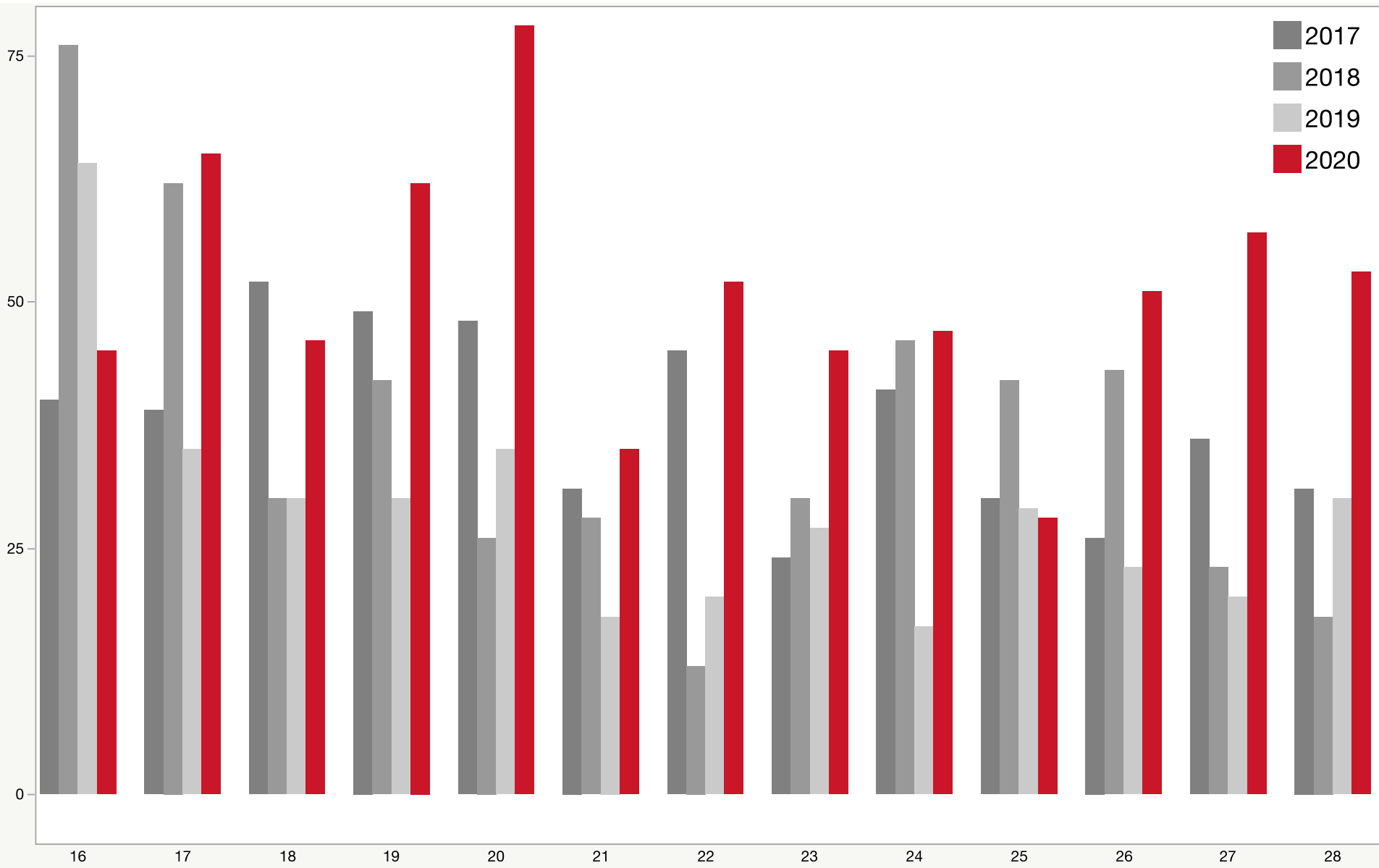
# Virologische Surveillance am Nationalen Referenzzentrum für Influenzaviren

1.-29. Kalenderwoche 2020 im Vergleich zu Vorjahren

# Einsendungen pro Kalenderwoche (1)

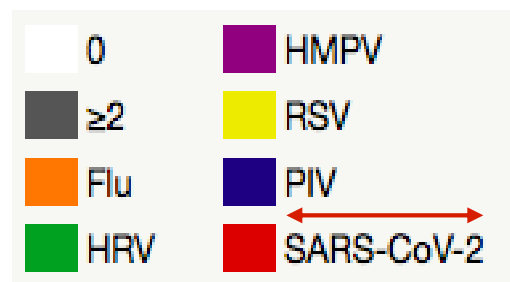
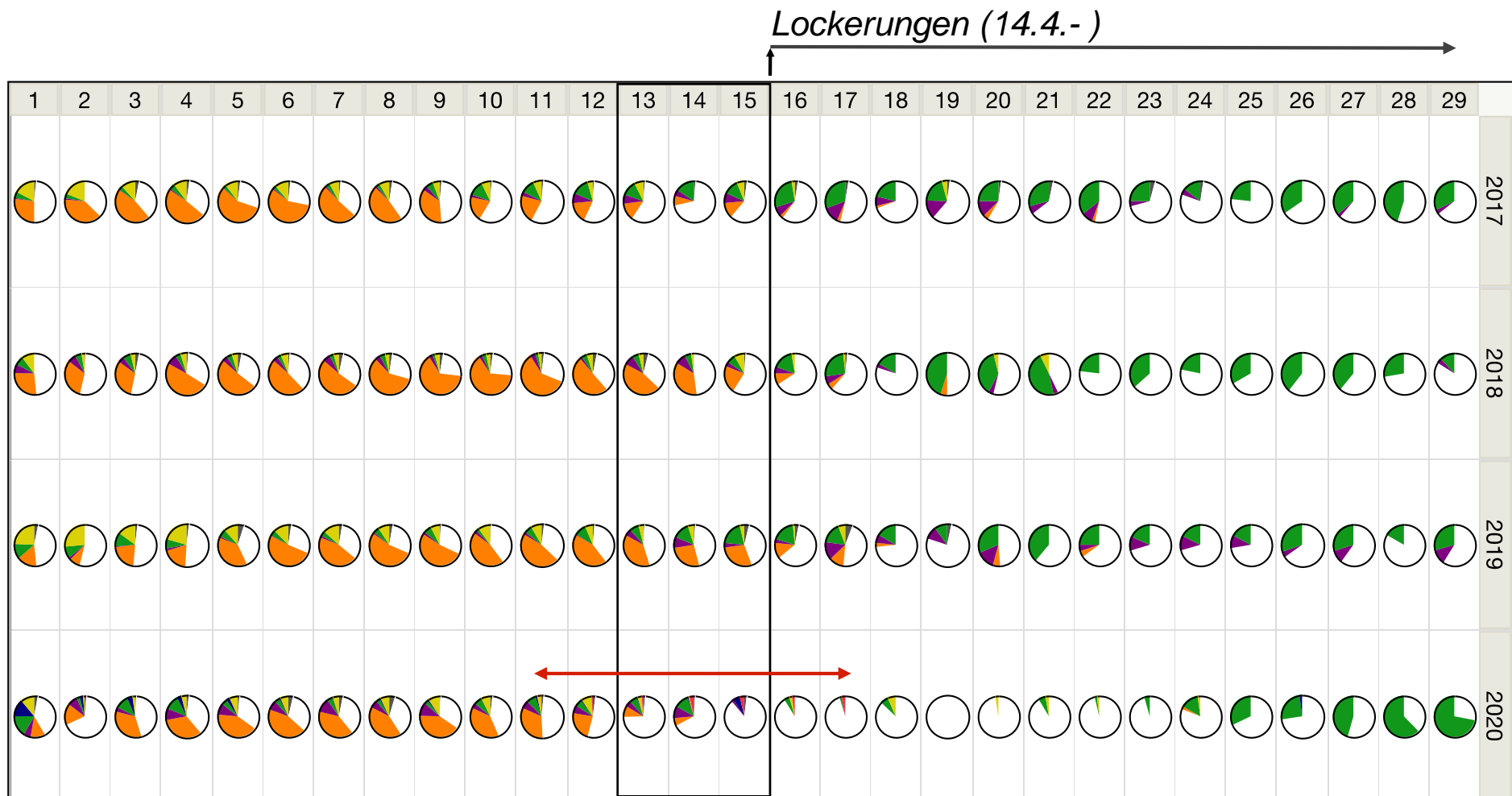


# Einsendungen pro Kalenderwoche (2)





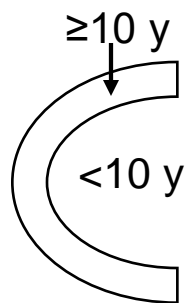
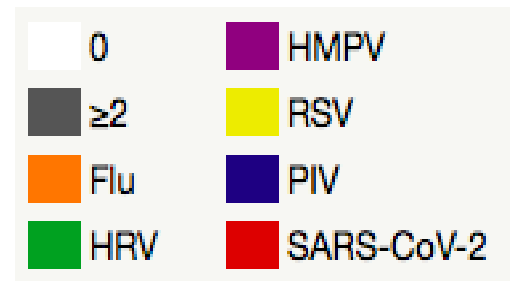
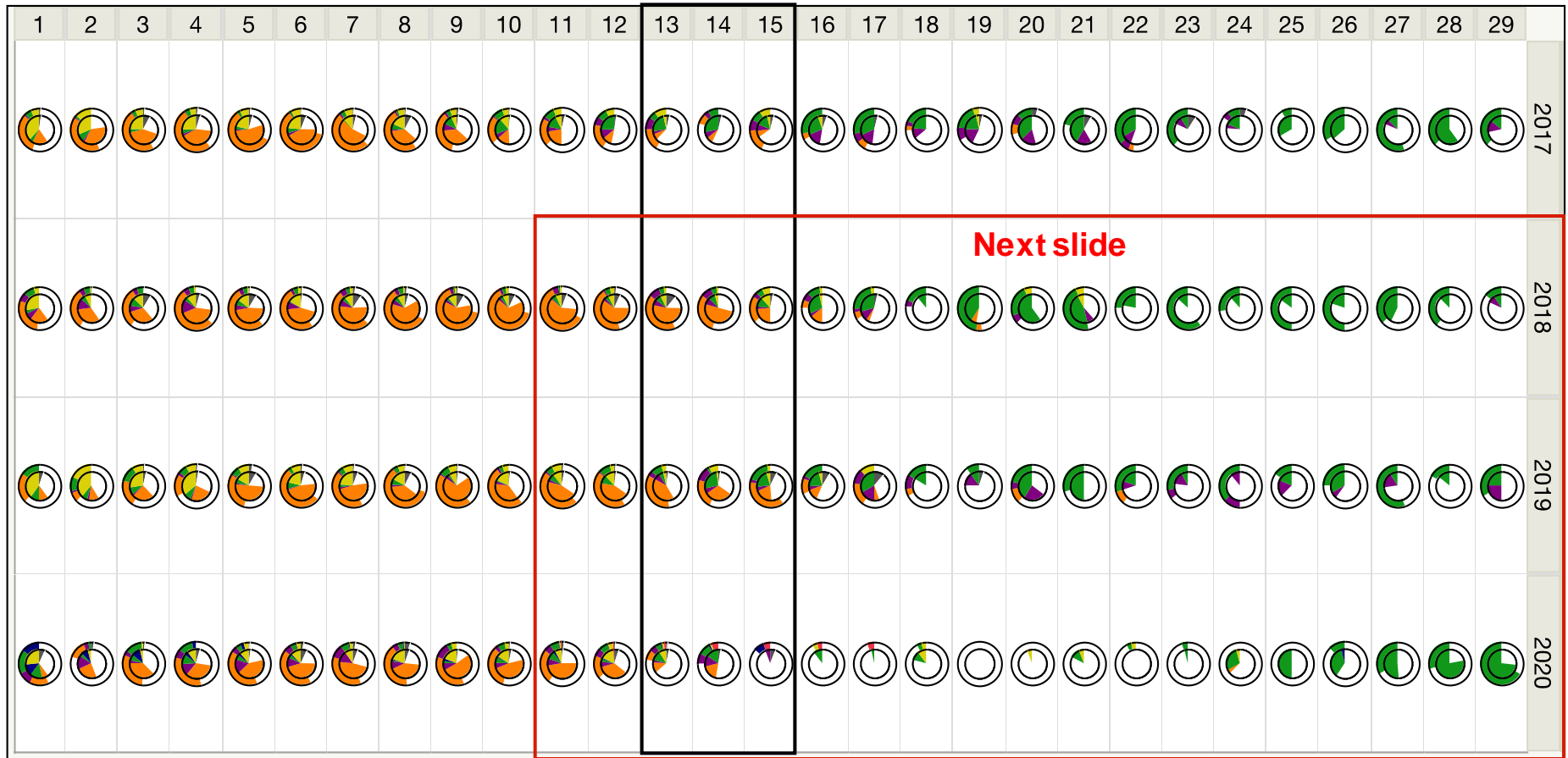
# Rückgang und Wiederkehr viraler Erreger



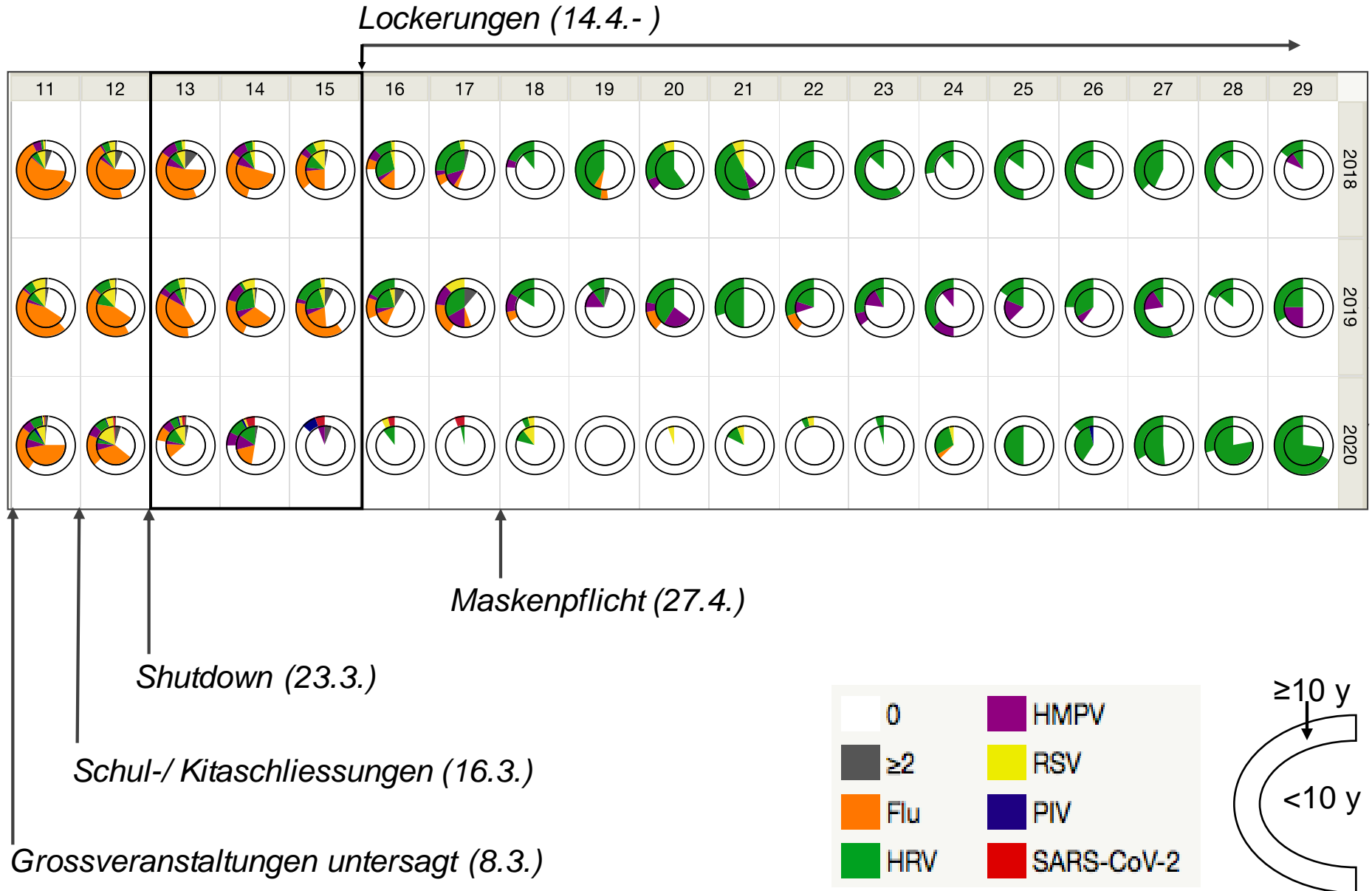
↑  
 Grossveranstaltungen untersagt (8.3.)  
 ↑  
 Schul-/ Kitaschliessungen (16.3.)  
 ↑  
 Shutdown (23.3.)  
 ↑  
 Maskenpflicht (27.4.)

# Altersabhängigkeit?

Lockerungen (14.4.- )



# Rückgang und Wiederkehr viraler Erreger: Altersabhängigkeit?



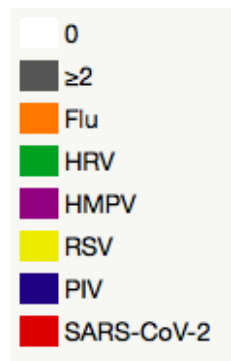
# Zusammenfassung

- Seit Anfang März hohe Zahl an Einsendungen
- Seit Anfang Mitte Juni hoher Anteil Kinder <10 Jahre, Tendenz steigend
- SARS-CoV-2 wurde in der 11.-17. Kalenderwoche nachgewiesen
- Ab ~12. Kalenderwoche Rückgang aller viralen Erreger und frühzeitiges Ende der Grippesaison
- Seit ~24. Kalenderwoche Rebound respiratorischer Viren
  - Geringe Diversität: ausschliesslich Rhinoviren
  - Initial in Kindern <10 Jahre, mittlerweile auch in Erwachsenen
  - Prävalenz > Vorjahresprävalenz
    - Fehlende Boosterung?
    - Niedrige Testschwelle bei einsendenden Ärzten?
  - Hinweis auf geringere Effektivität der Massnahmen ab ~ 22-23. Kalenderwoche

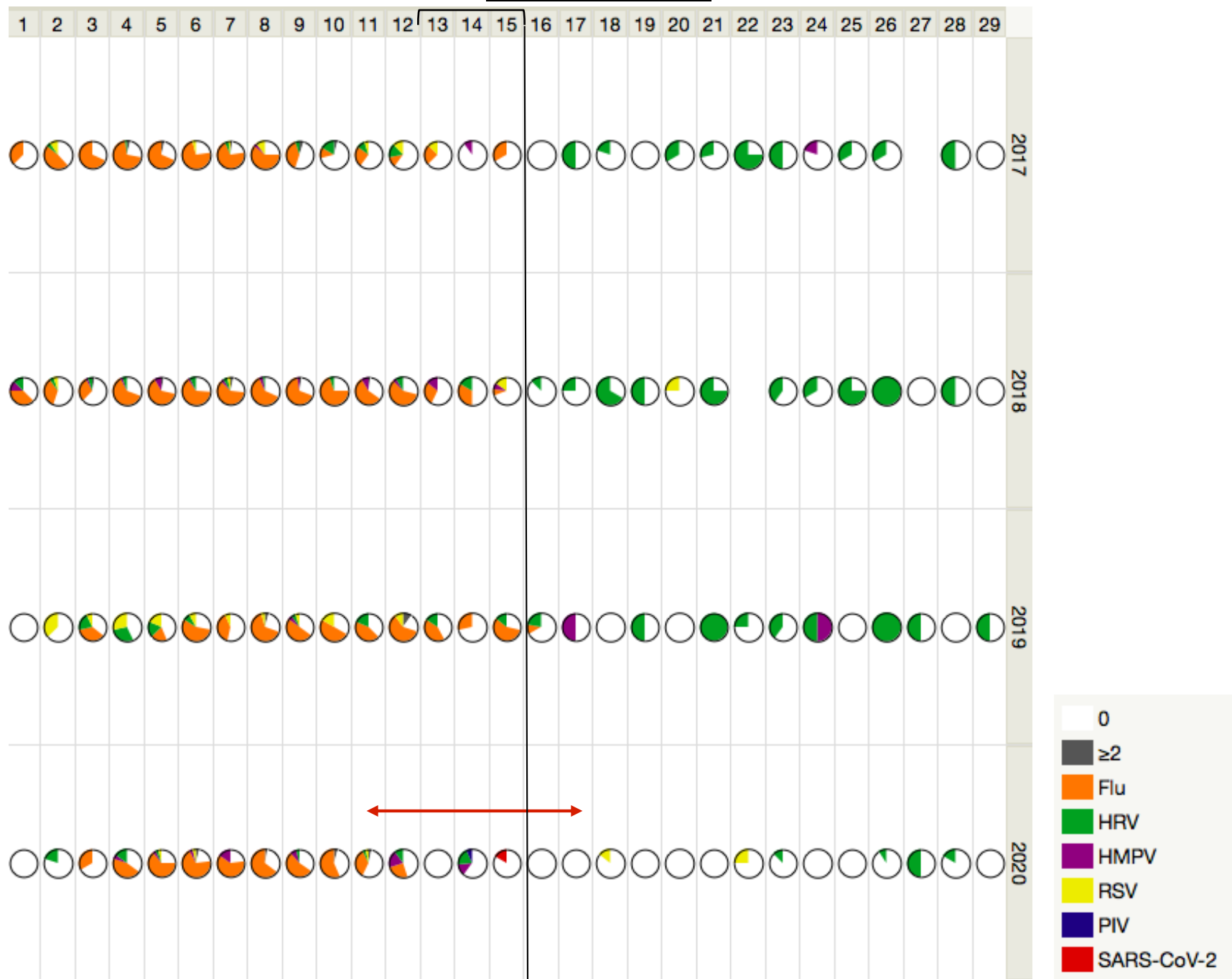


Extra Slides

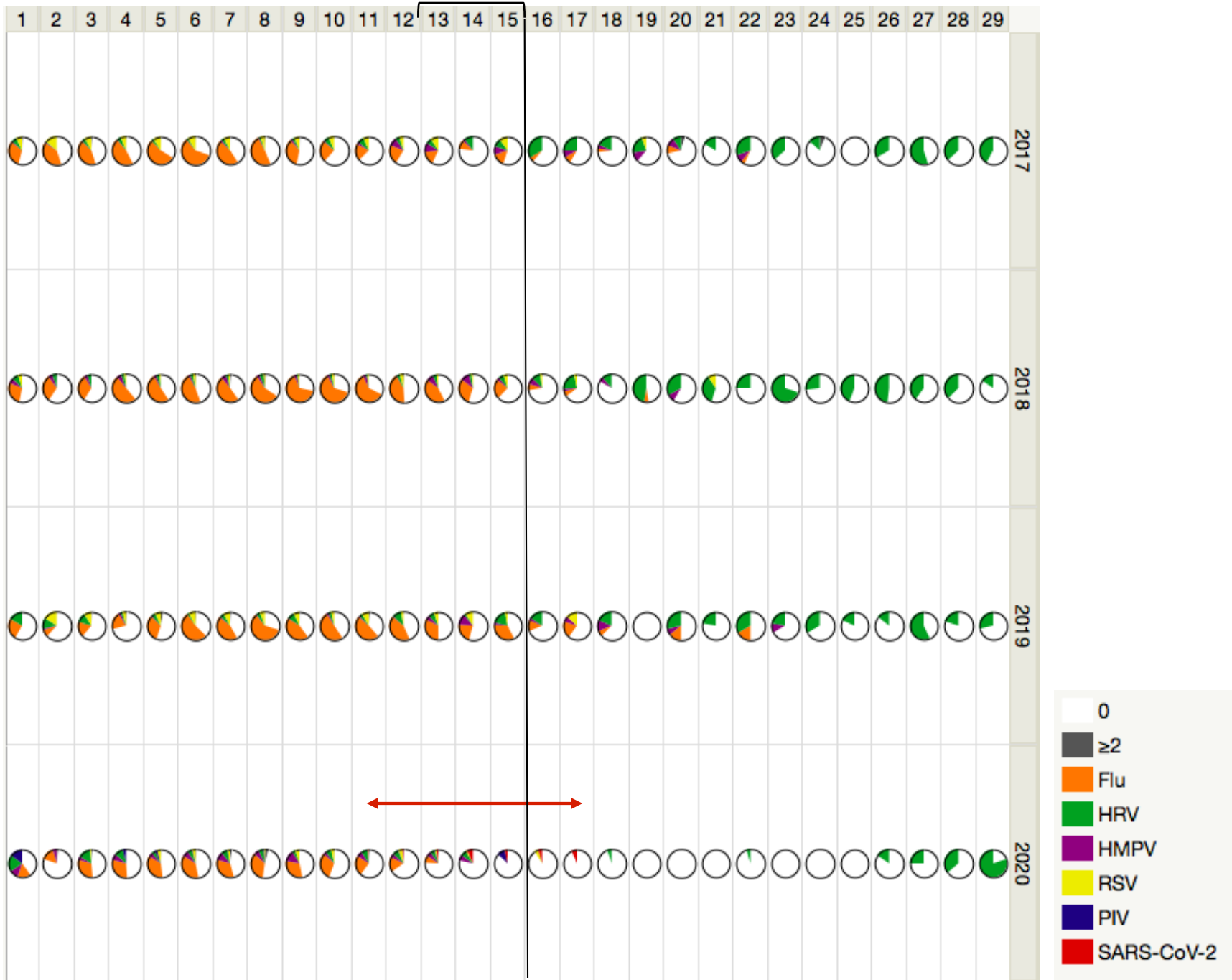
# Kinder <10 Jahre



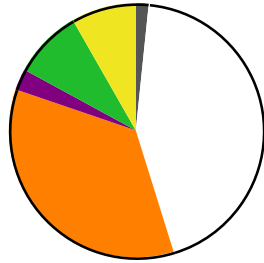
# 10-19 Jahre



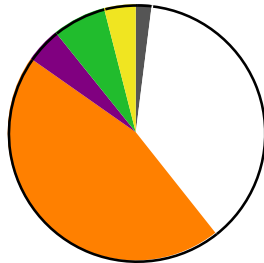
# 20+ Jahre



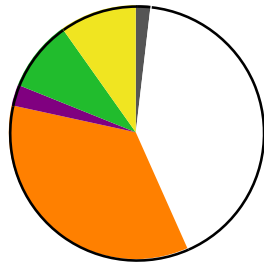
Virus\_



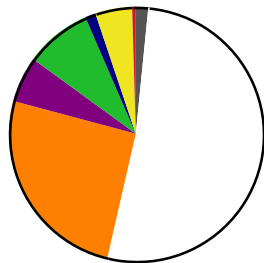
2017



2018



2019



2020

Jahr

Virus\_

0

≥2

Flu

HRV

HMPV

RSV

PIV

SARS-CoV-2

Virus\_

# Virus\_

## AgeGroup

0-9 years

10-19 years

20+ years

Virus\_

0

≥2

Flu

HRV

HMPV

RSV

PIV

SARS-CoV-2

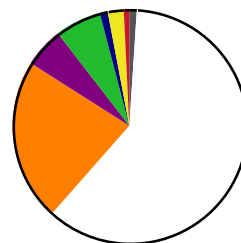
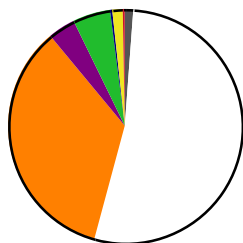
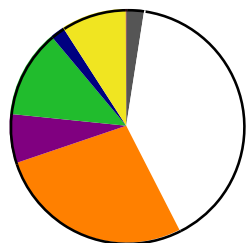
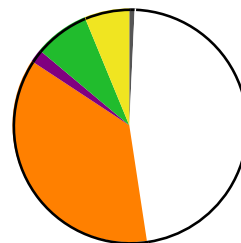
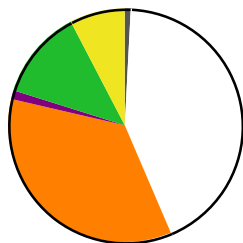
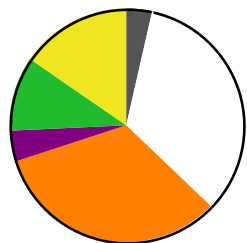
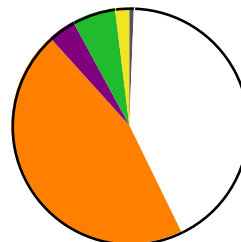
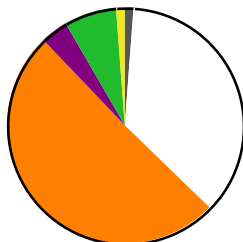
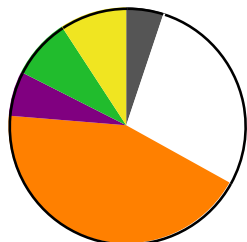
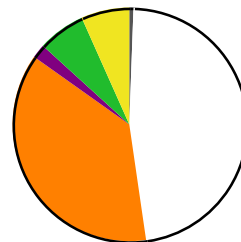
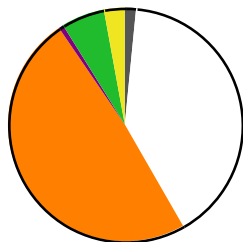
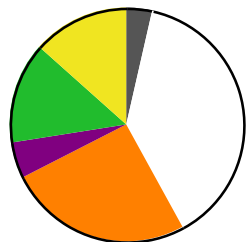
2017

2018

2019

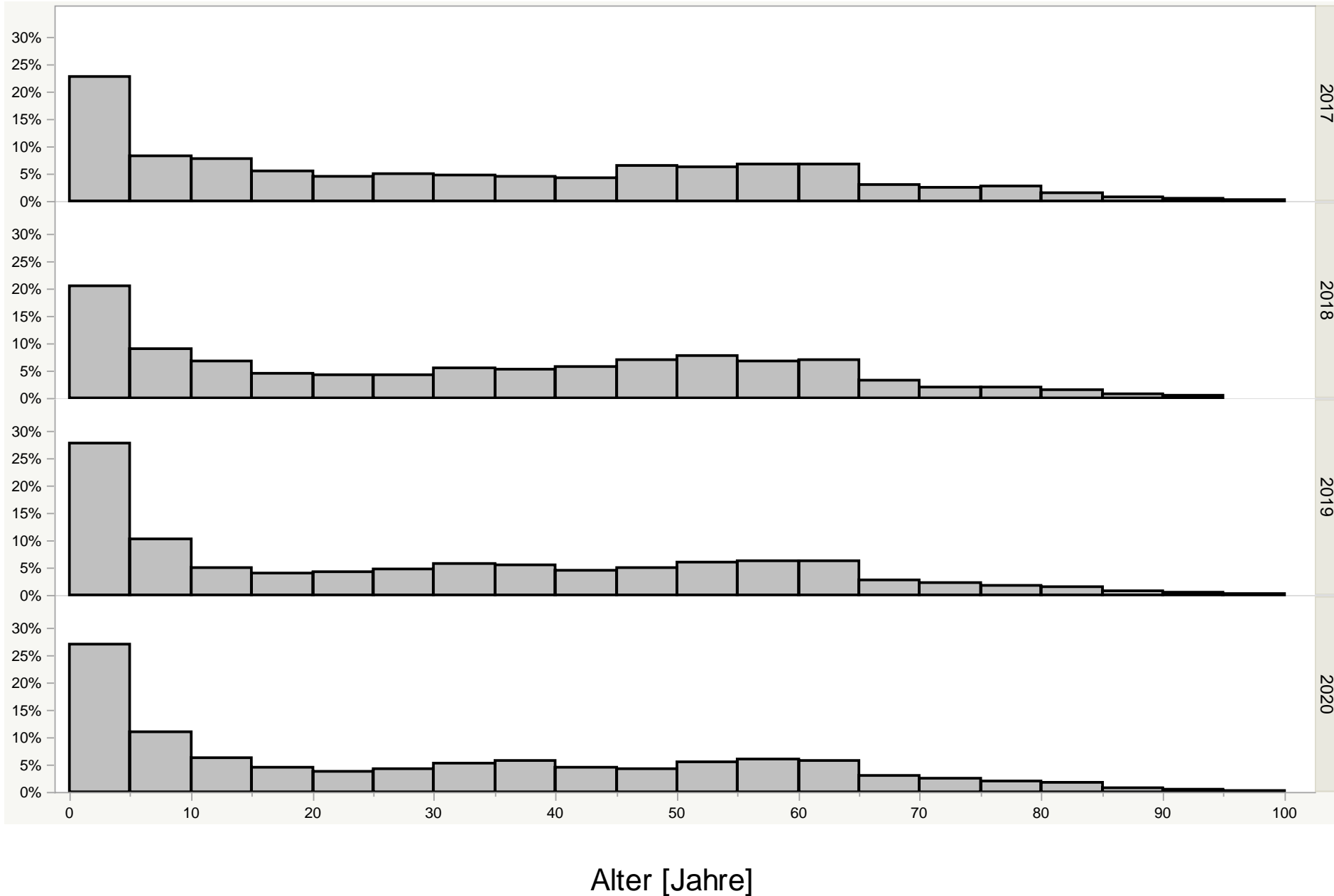
2020

Jahr

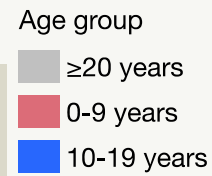
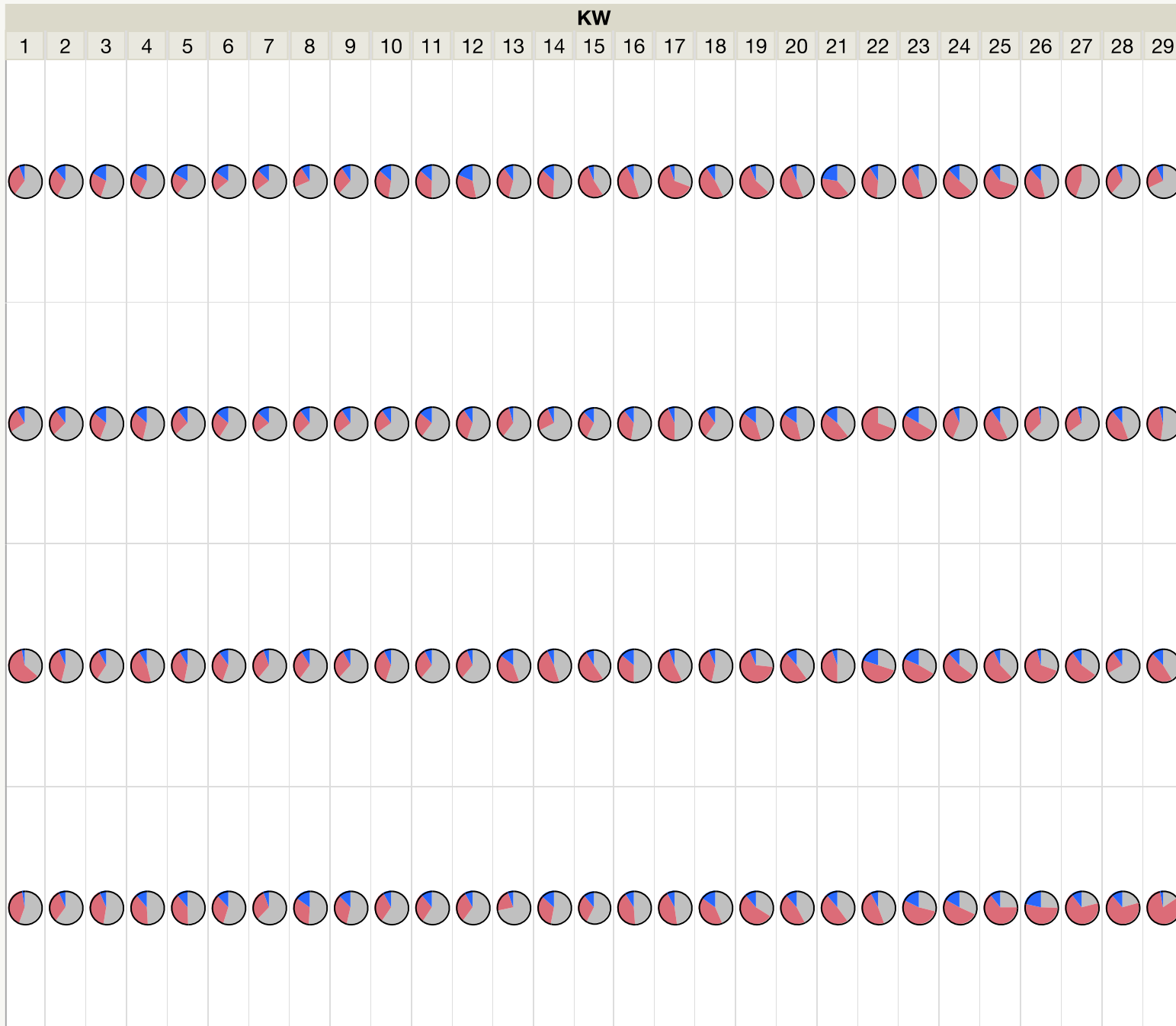


Virus\_

# Altersverteilung



# Age group



2017

2018

2019

2020

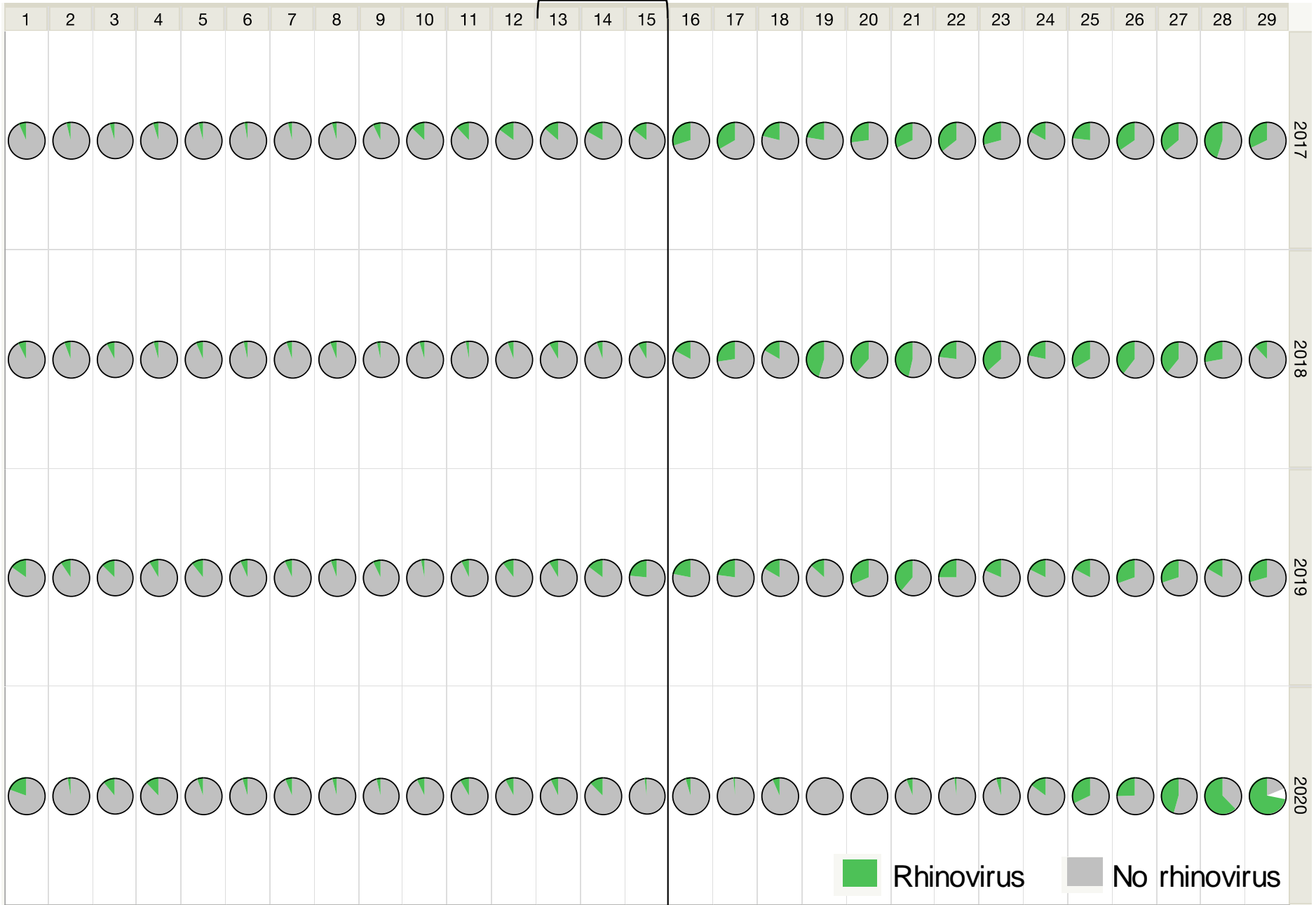
Jahr

Age group



# ↑ Rhinoviren

3/23 - 4/13



# Time lag: Erkrankungsbeginn - Probeneingang

