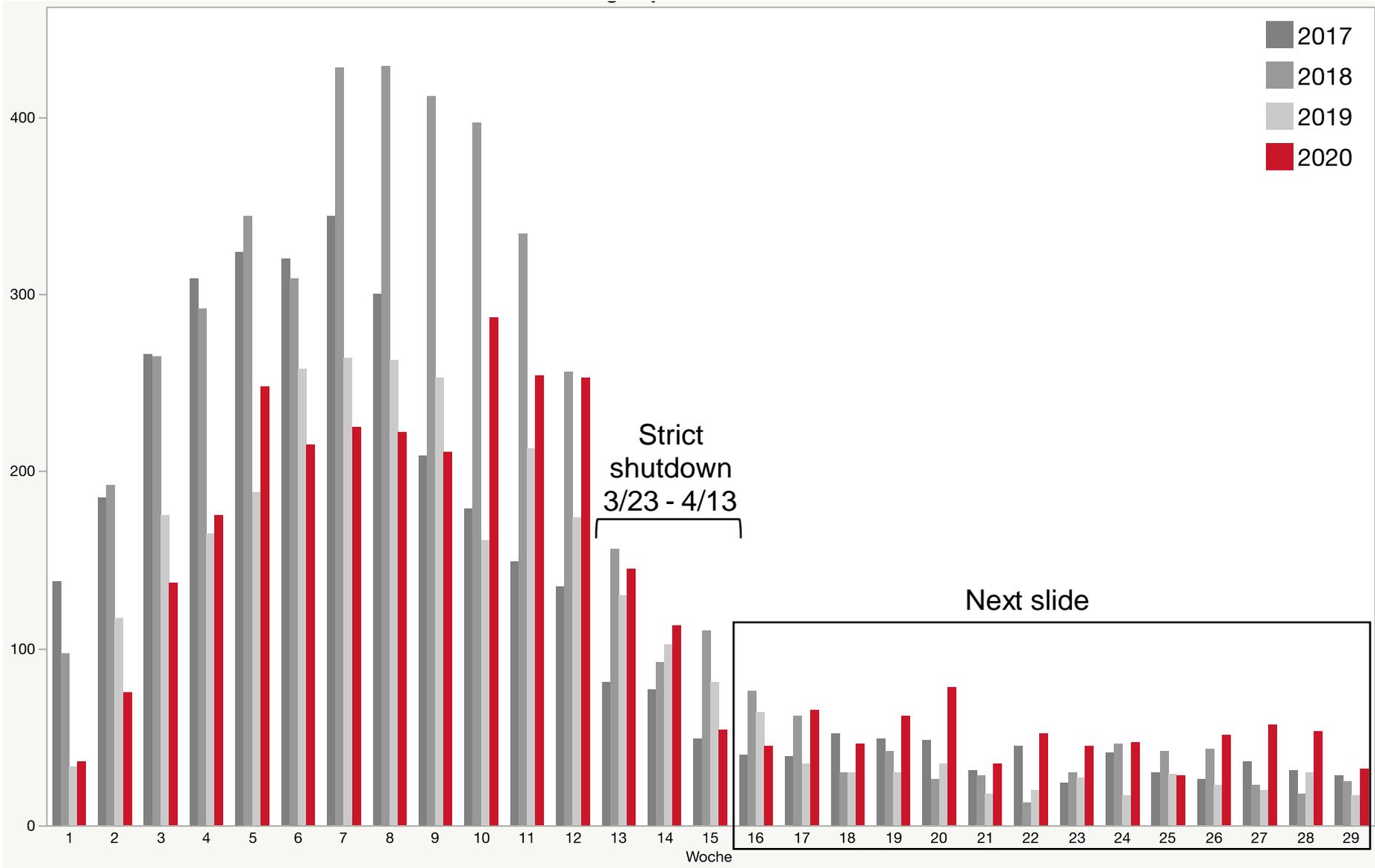


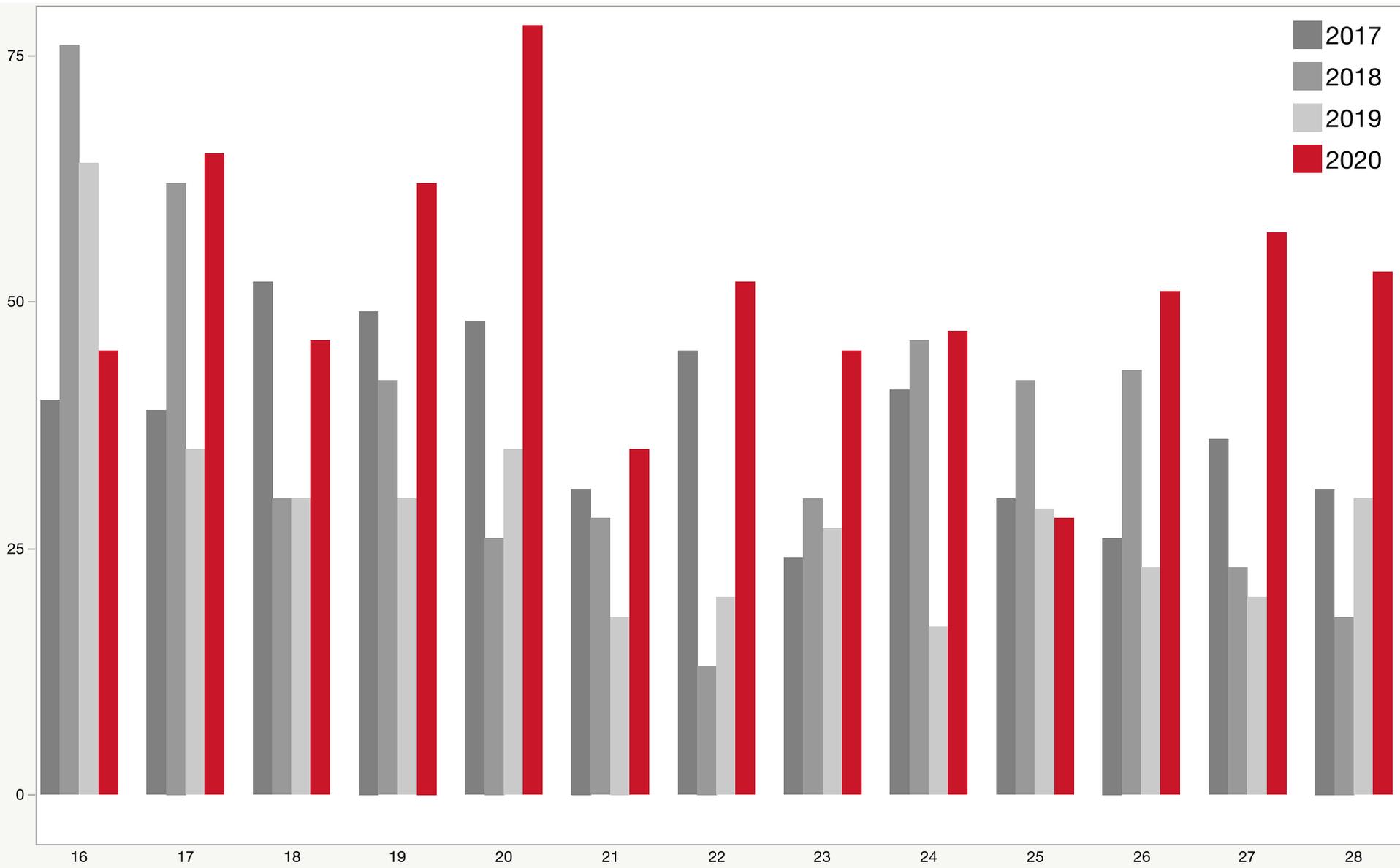
Virologische Surveillance am Nationalen Referenzzentrum für Influenzaviren

1.-29. Kalenderwoche 2020 im Vergleich zu Vorjahren

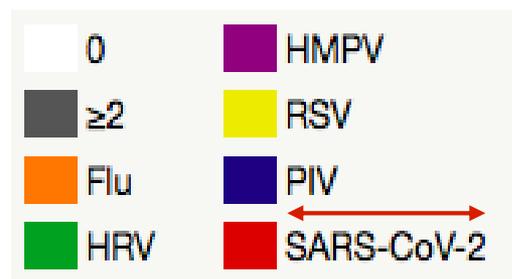
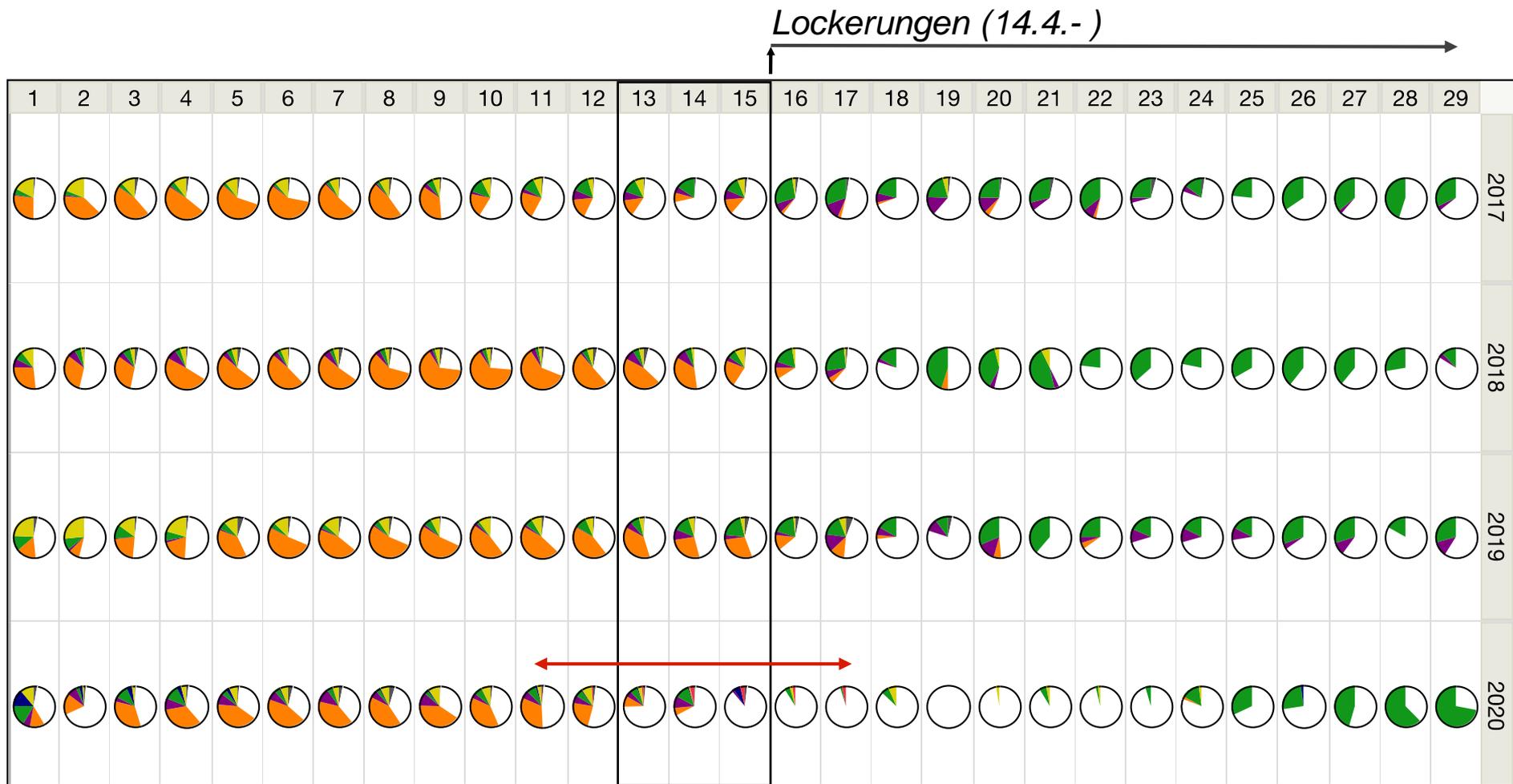
Einsendungen pro Kalenderwoche (1)



Einsendungen pro Kalenderwoche (2)



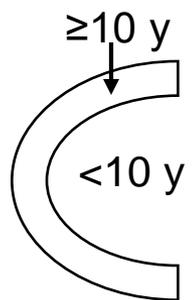
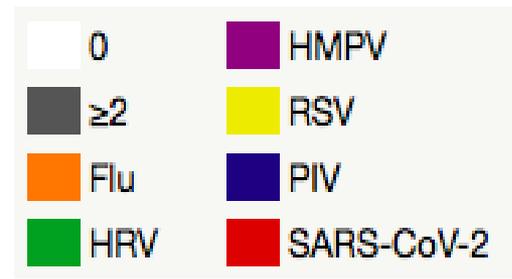
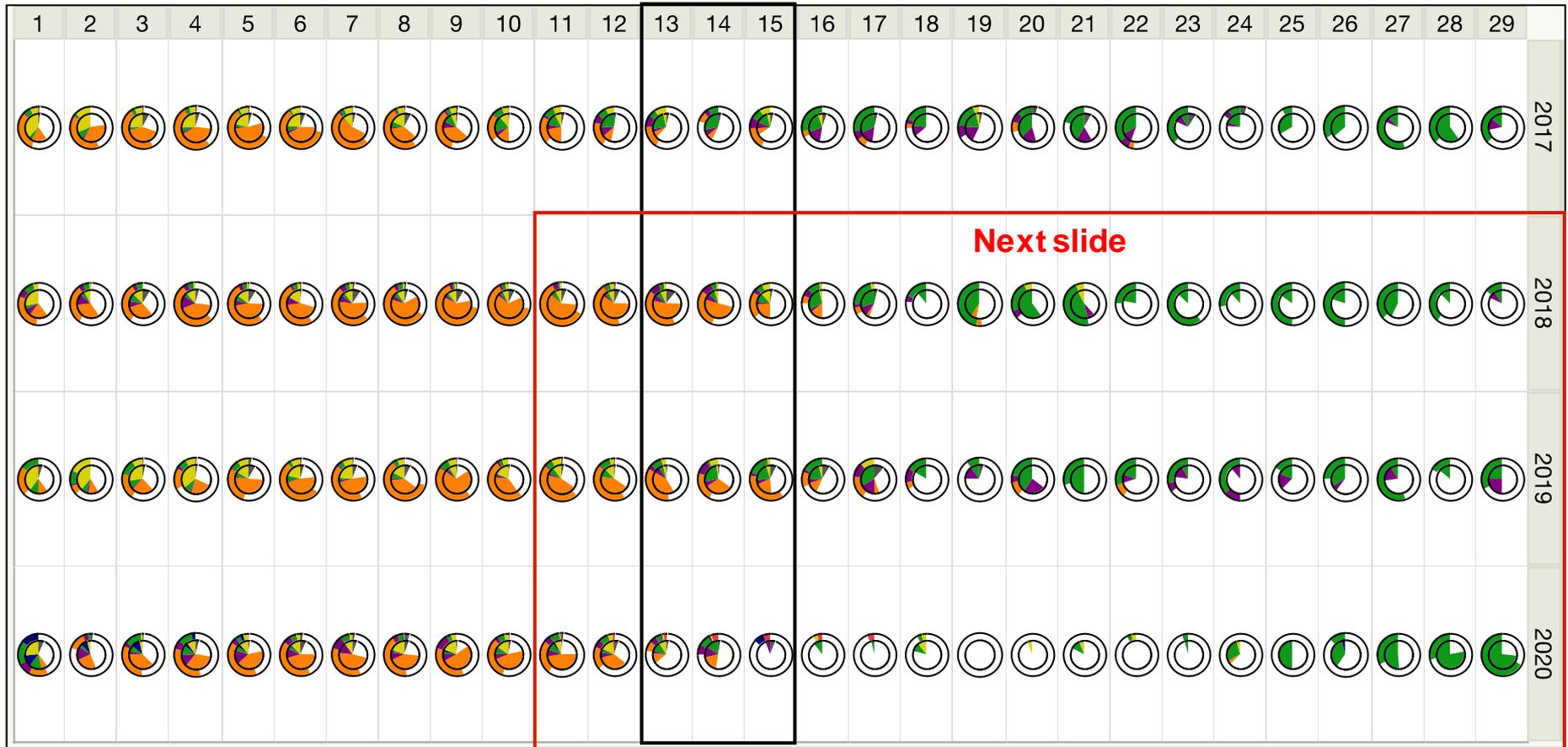
Rückgang und Wiederkehr viraler Erreger



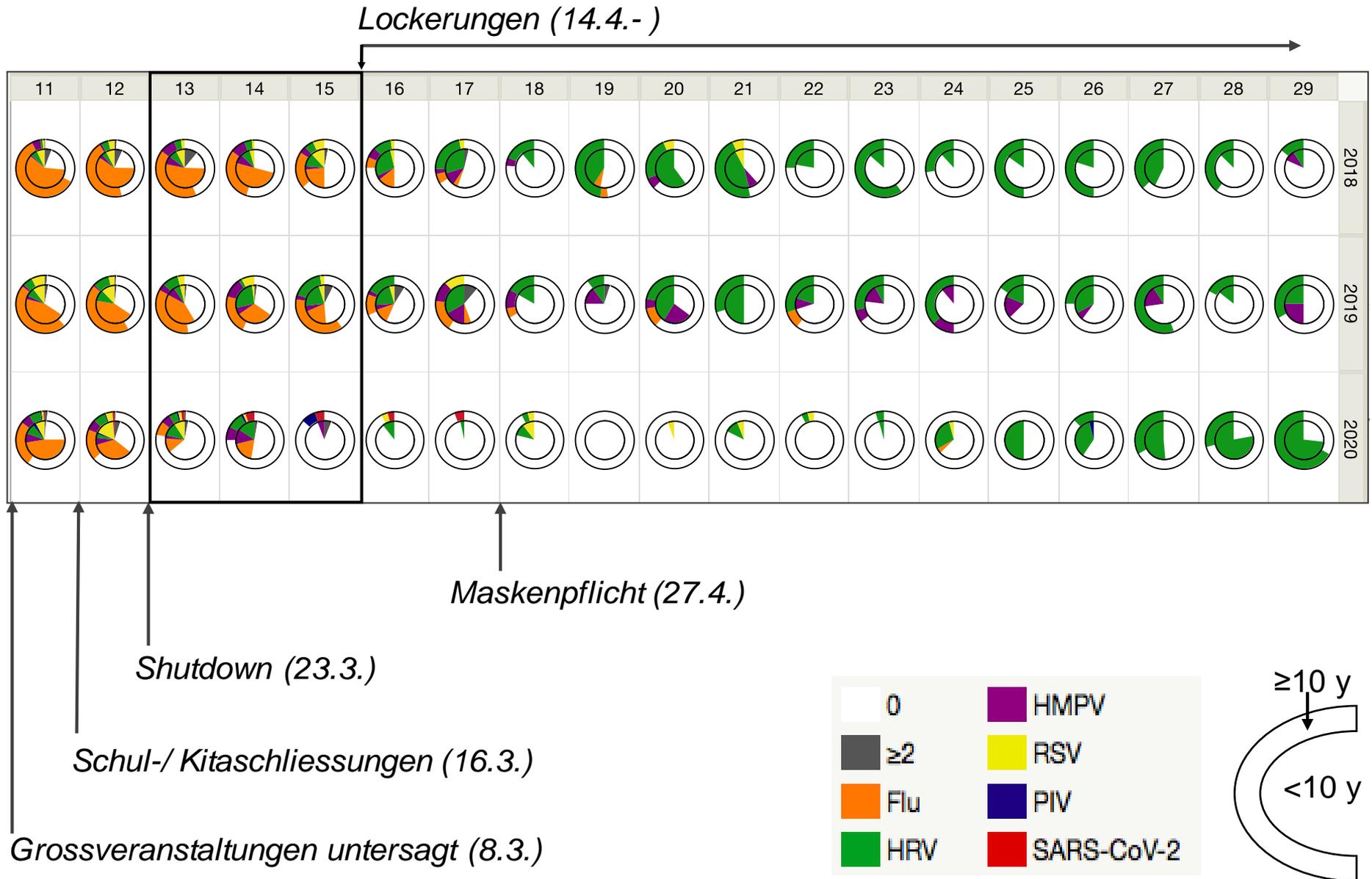
↑
 Grossveranstaltungen untersagt (8.3.)
 ↑
 Schul-/ Kitaschliessungen (16.3.)
 ↑
 Shutdown (23.3.)
 ↑
 Maskenpflicht (27.4.)

Altersabhängigkeit?

Lockerungen (14.4.-)



Rückgang und Wiederkehr viraler Erreger: Altersabhängigkeit?

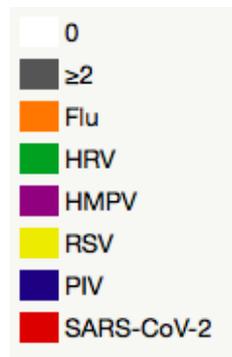


Zusammenfassung

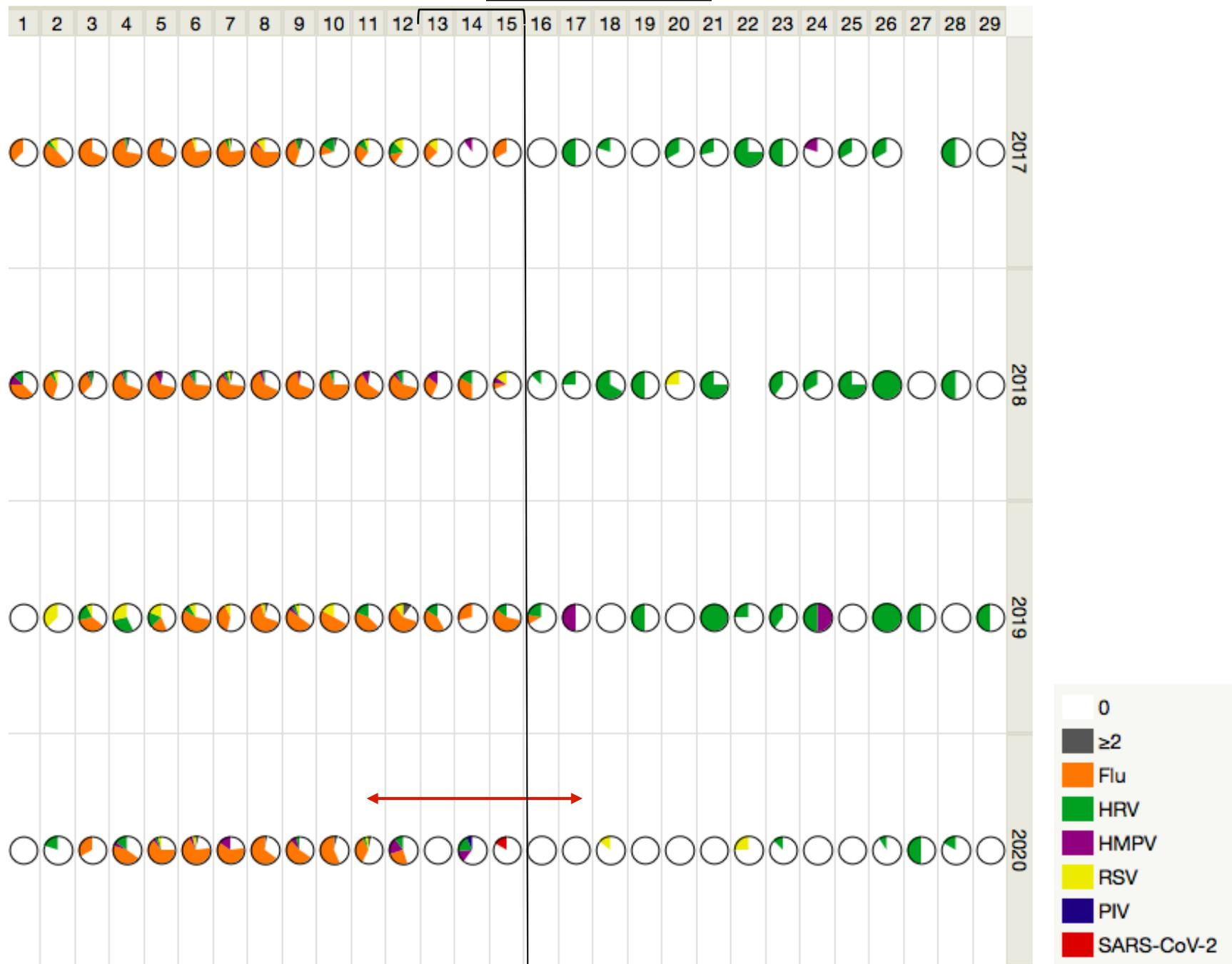
- Seit Anfang März hohe Zahl an Einsendungen
- Seit Anfang Mitte Juni hoher Anteil Kinder <10 Jahre, Tendenz steigend
- SARS-CoV-2 wurde in der 11.-17. Kalenderwoche nachgewiesen
- Ab ~12. Kalenderwoche Rückgang aller viralen Erreger und frühzeitiges Ende der Grippesaison
- Seit ~24. Kalenderwoche Rebound 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

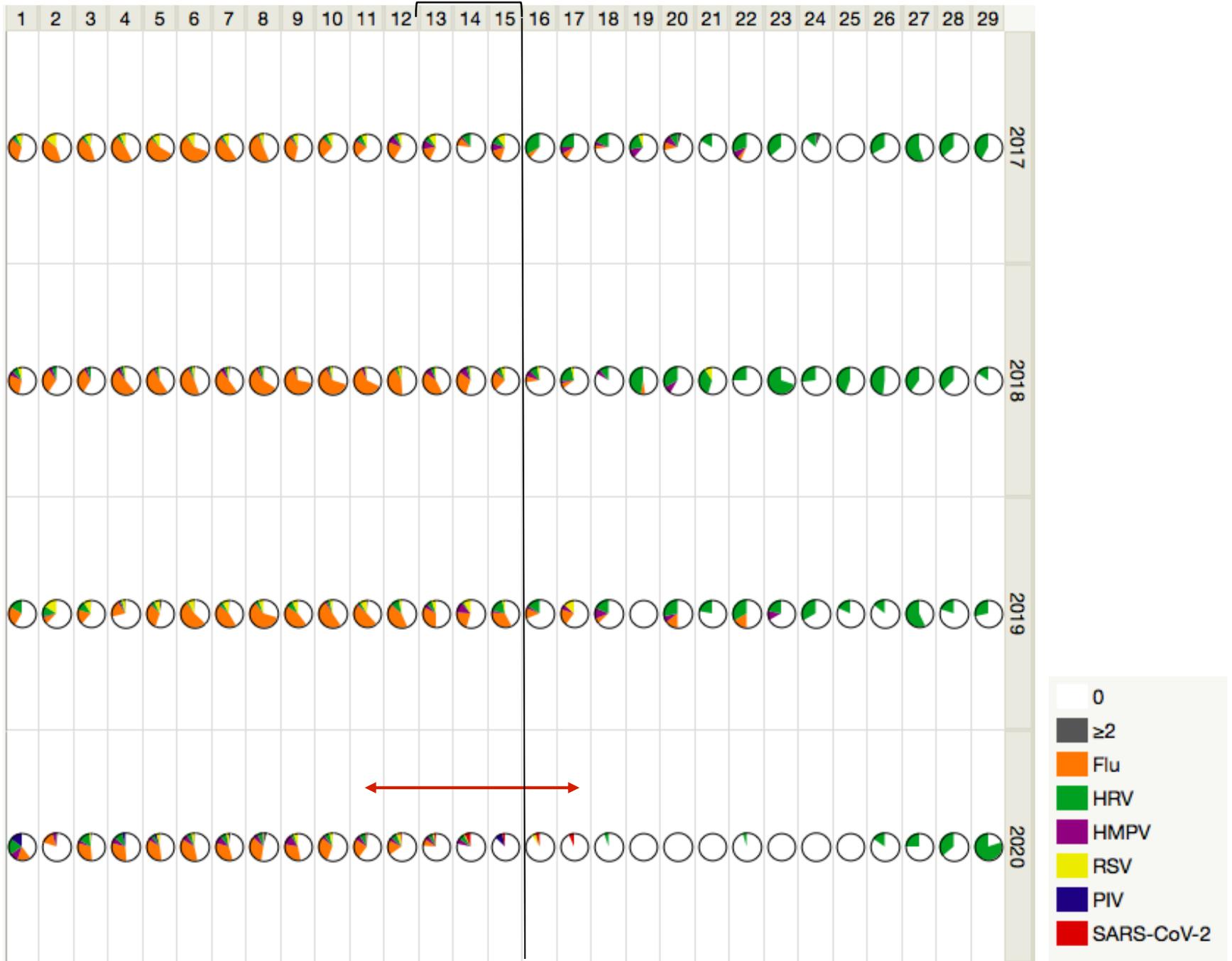
Kinder <10 Jahre



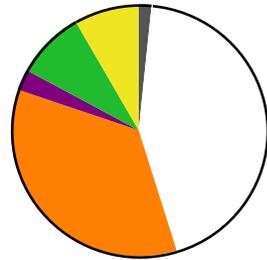
10-19 Jahre



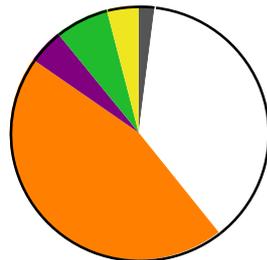
20+ Jahre



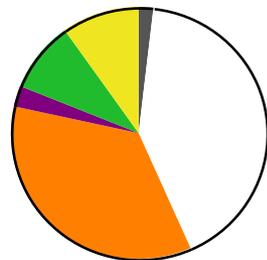
Virus_



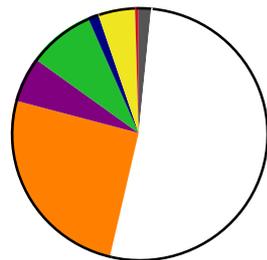
2017



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

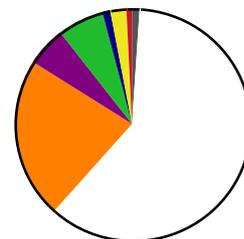
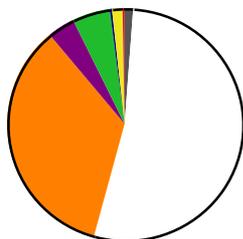
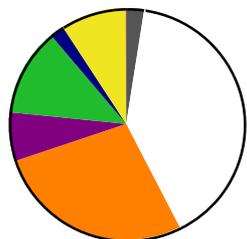
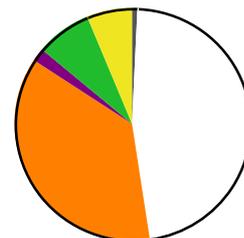
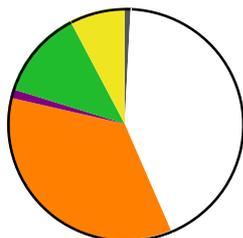
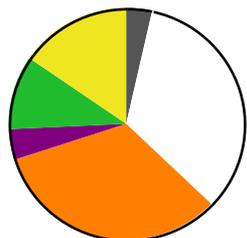
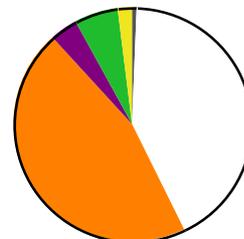
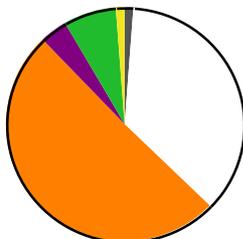
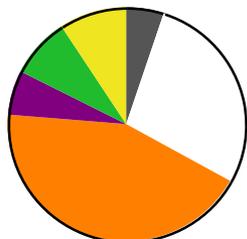
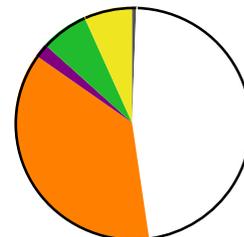
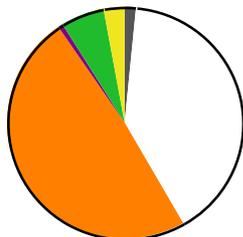
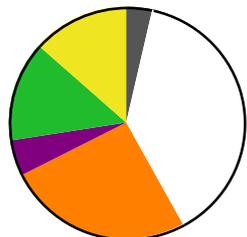
2017

2018

2019

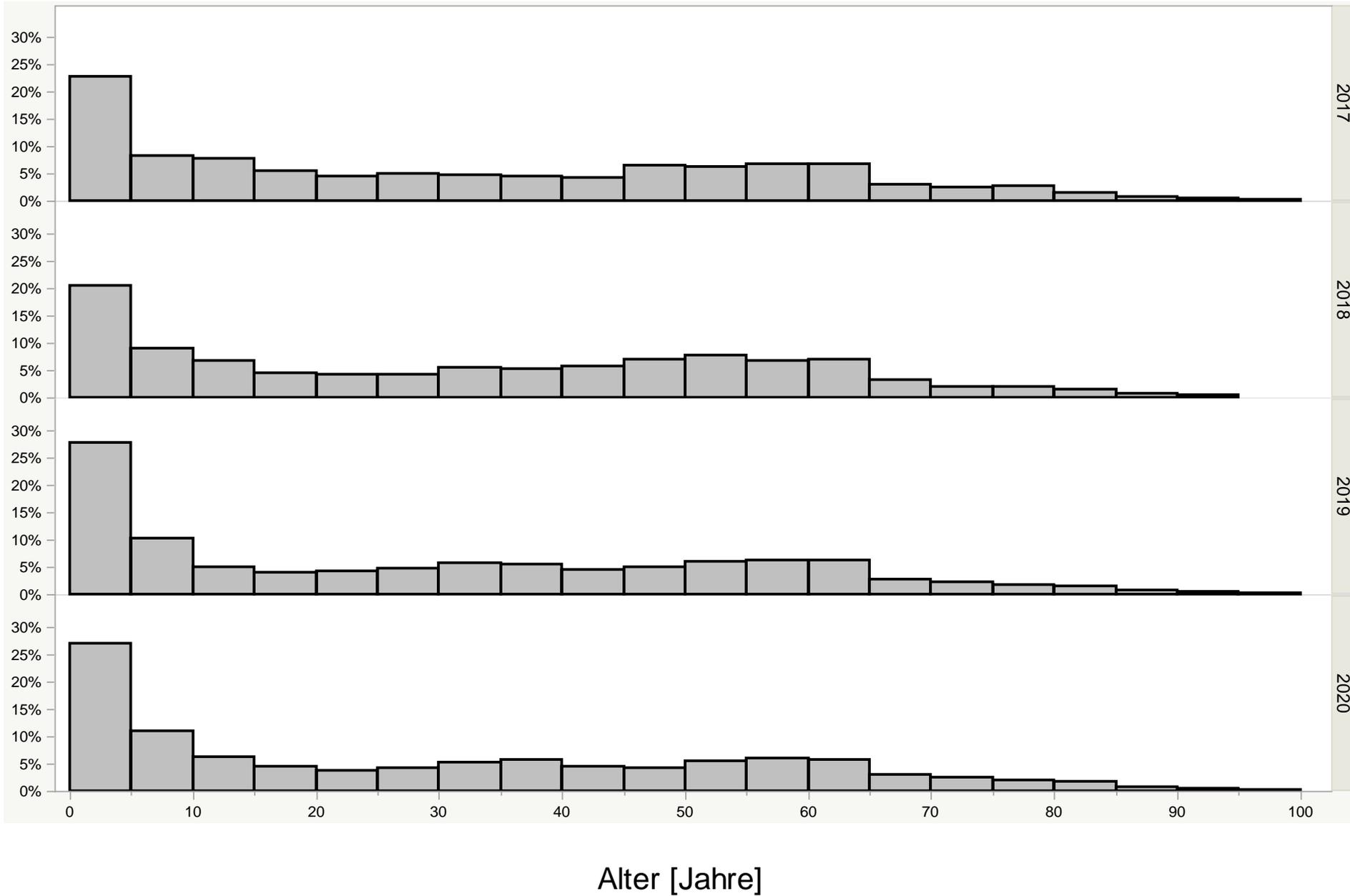
2020

Jahr

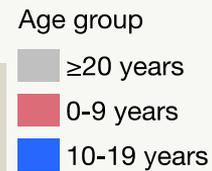
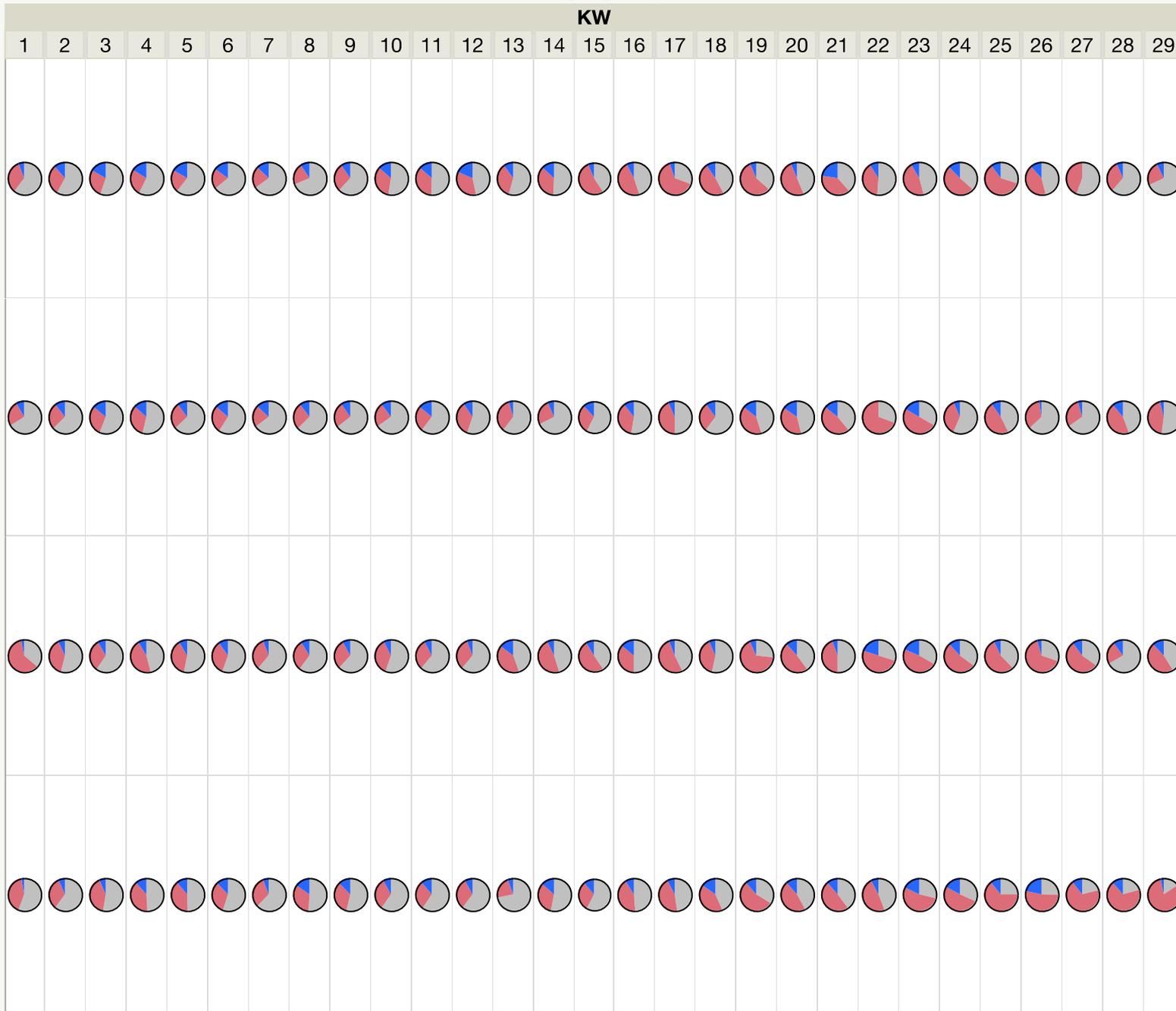


Virus_

Altersverteilung



Age group



2017

2018

2019

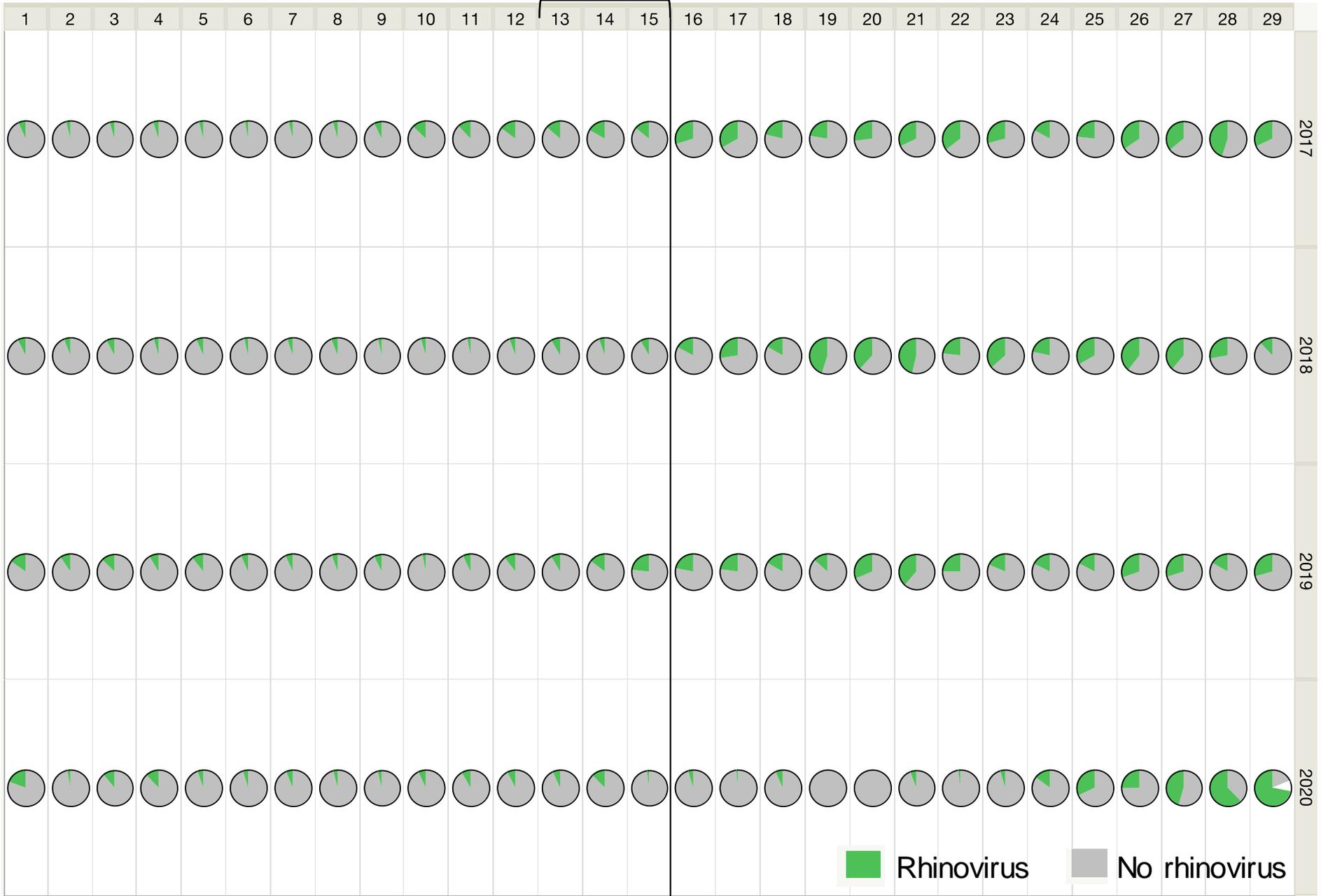
2020

Jahr

Age group

↑ Rhinoviren

3/23 - 4/13



Time lag: Erkrankungsbeginn - Probeneingang

