Week 14
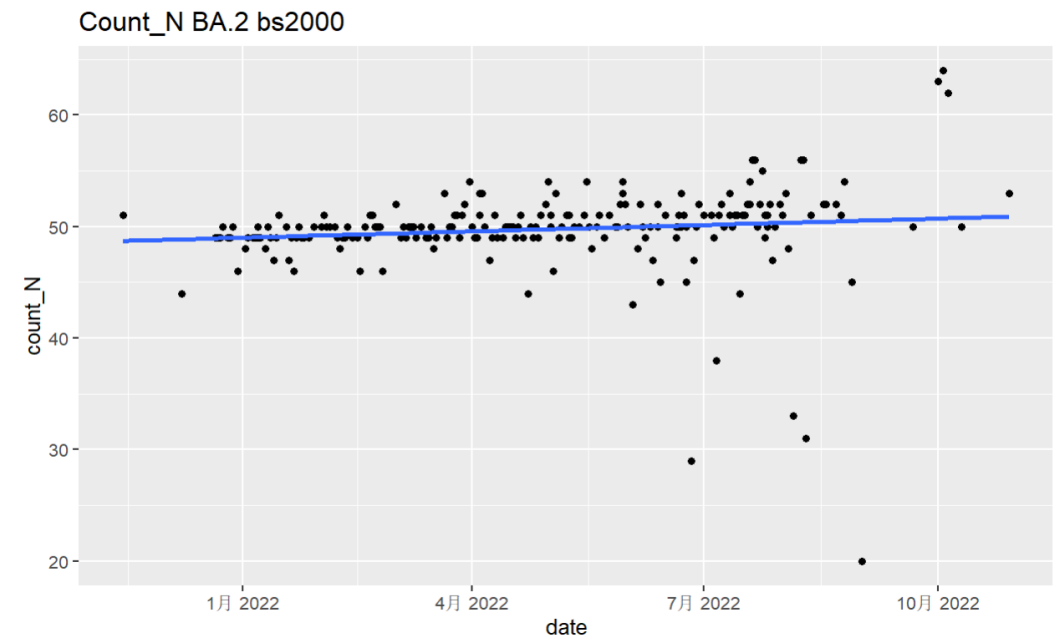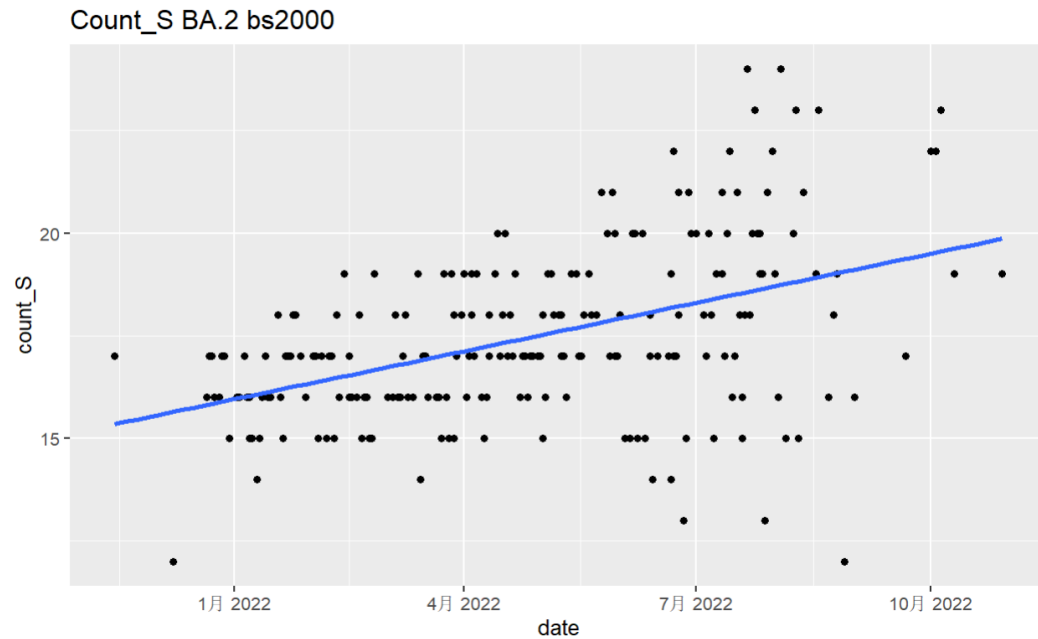
Formula for dnds

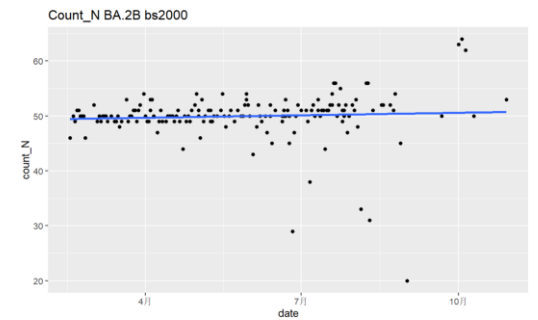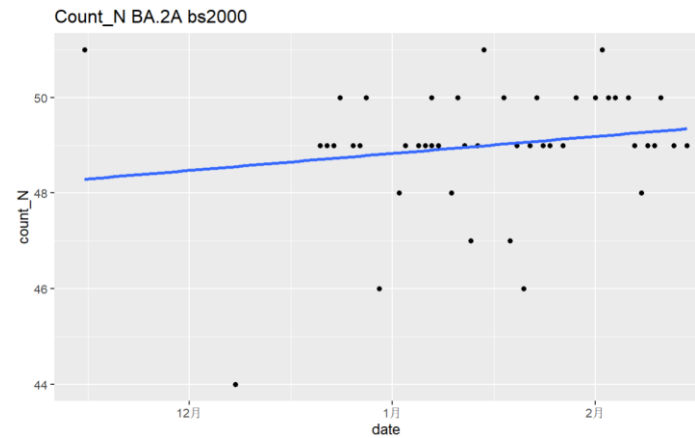- Kn / Ks

- K calculated by linear regression.

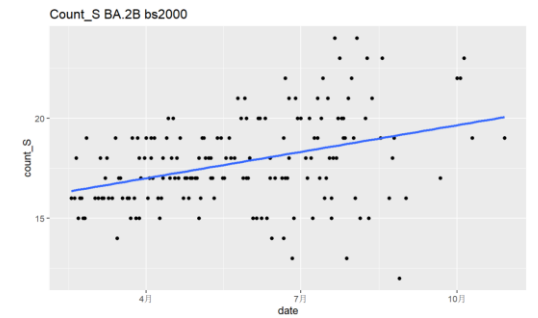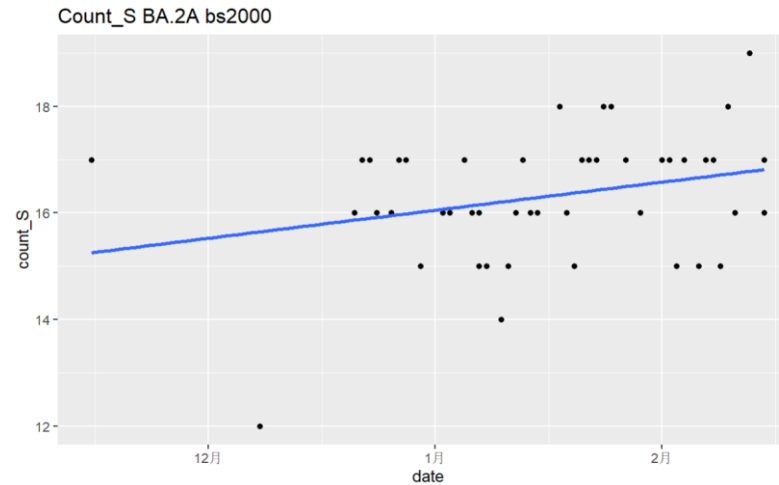# 1. Bootstrap on lineages, for 2000 – 5000 times
BA.2(with separating into BA.2A and BA.2B, if date < Feb.15)

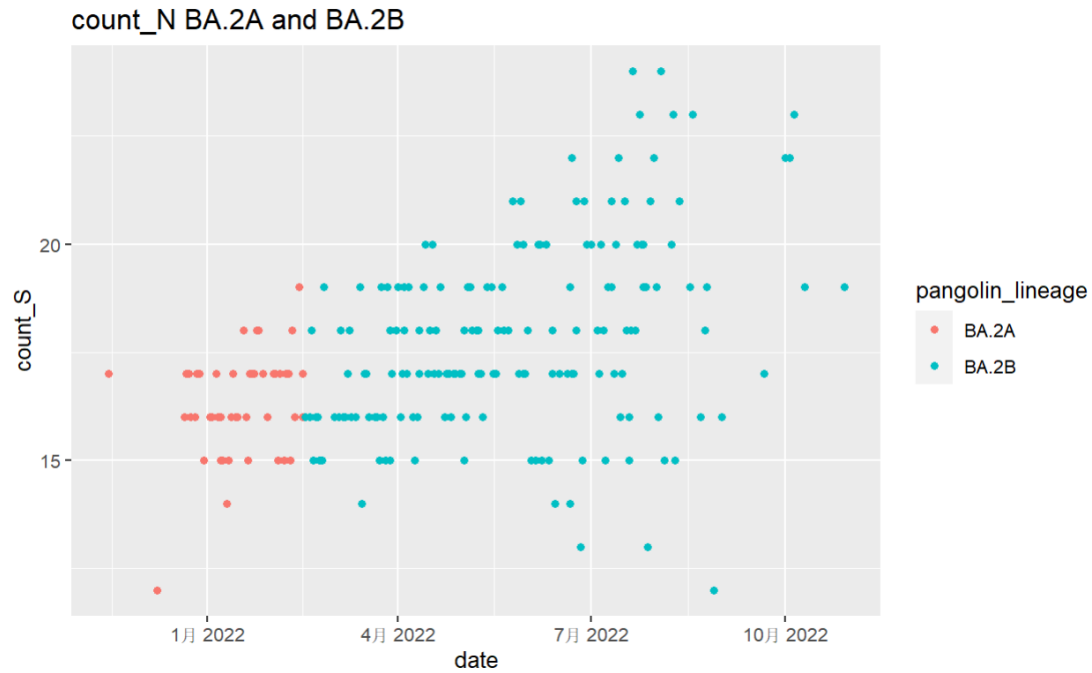# 1. Bootstrap on lineages, for 2000 – 5000 times

- BA.2A and BA.2B,
- if date < Feb.15?

1. Bootstrap on lineages, for 2000 – 5000 times

- dnds_new ba.2

- .

count_N BA.2A and BA.2B

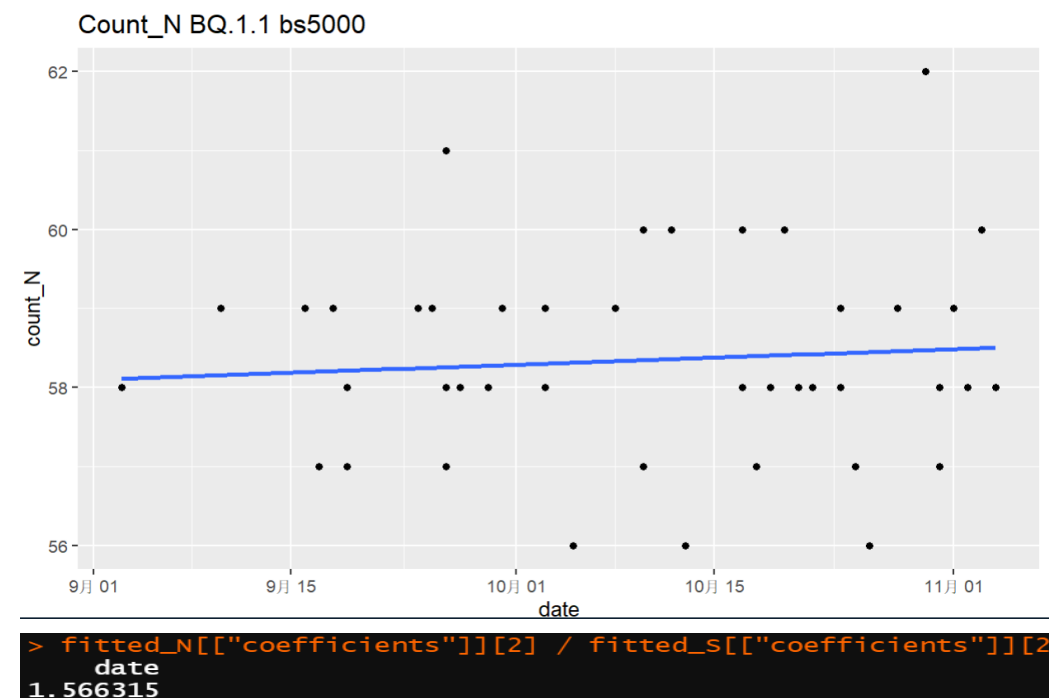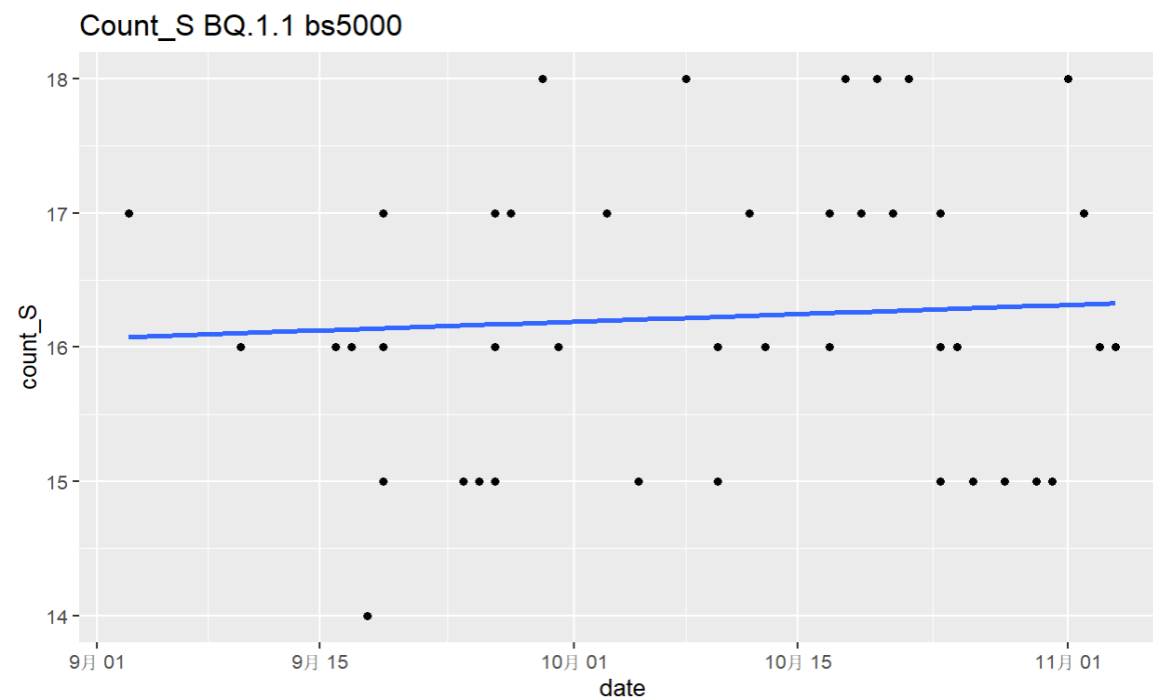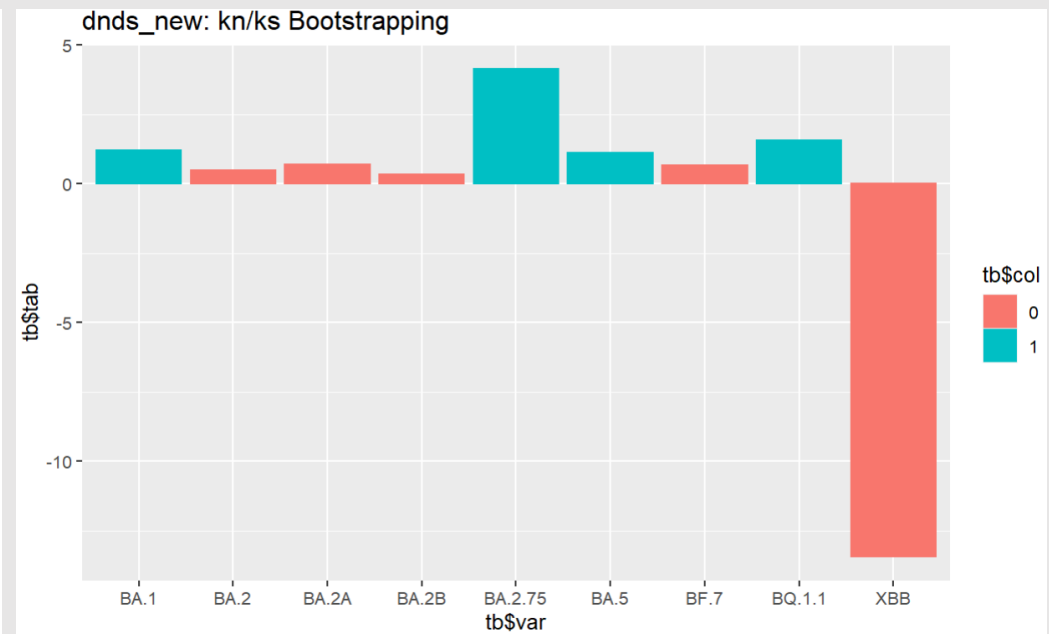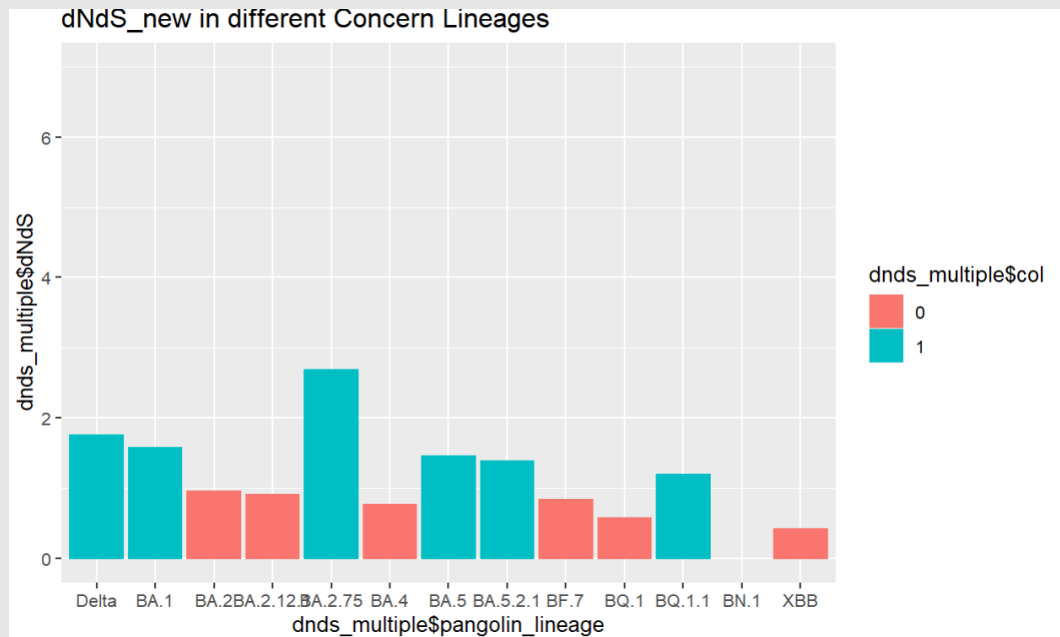| BA.2	BA.2A	BA.2B
0.48	0.68	0.34

1. Bootstrap on lineages, for 2000 – 5000 times

- Cor coef & QQ-plot
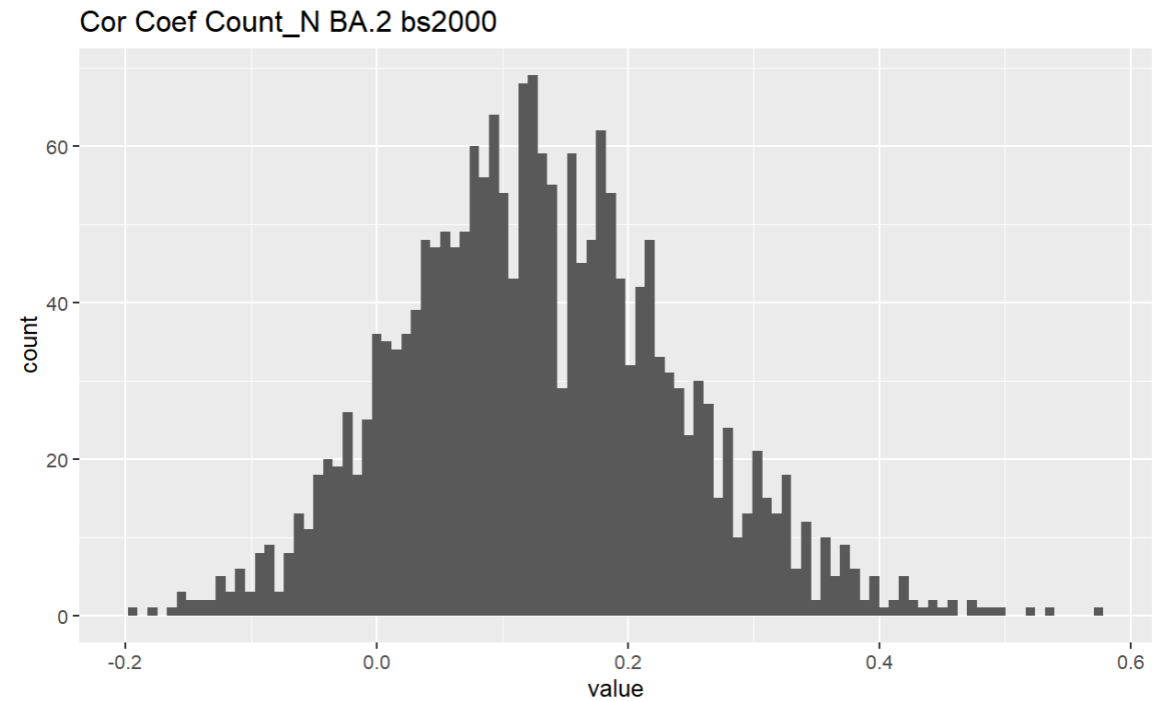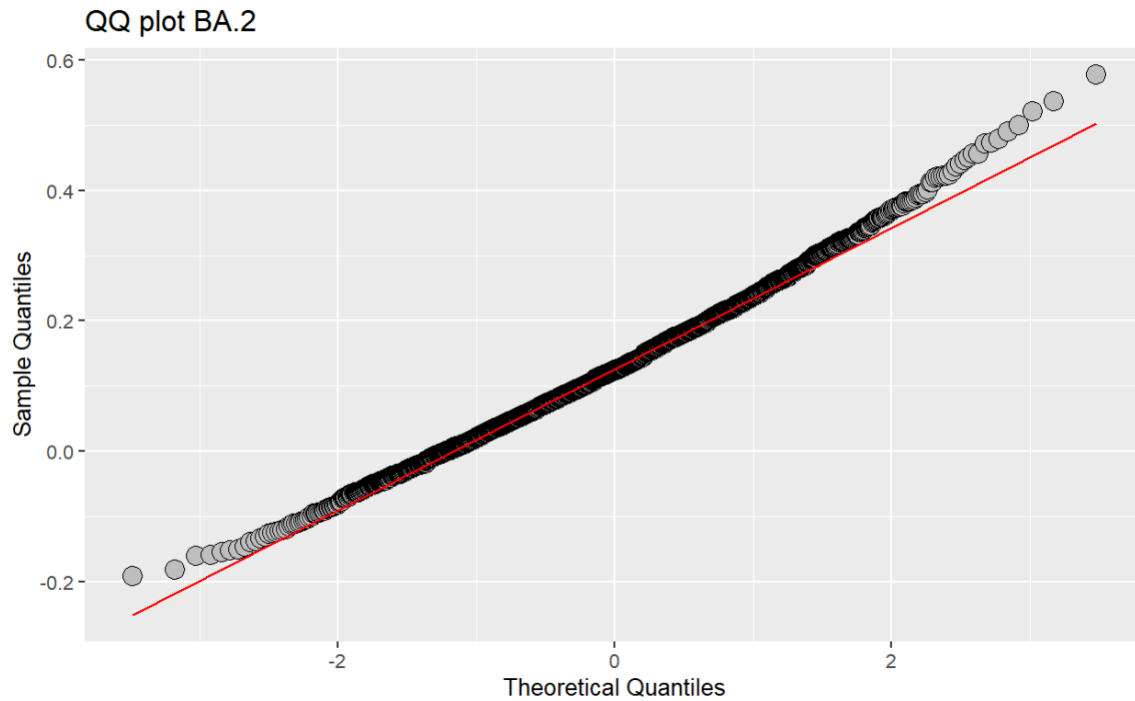
2. BQ.1.1
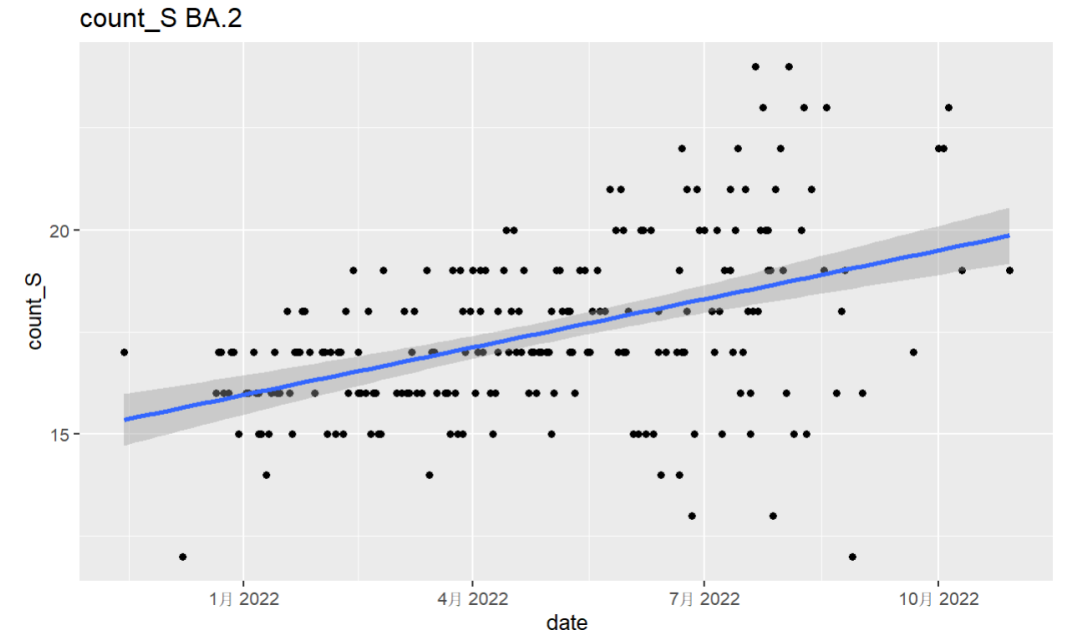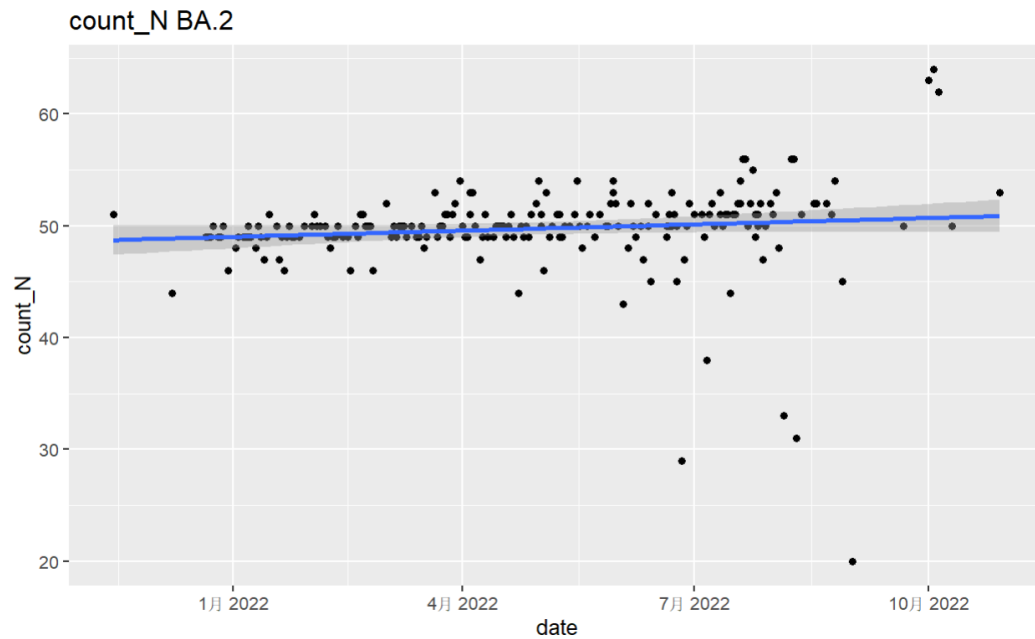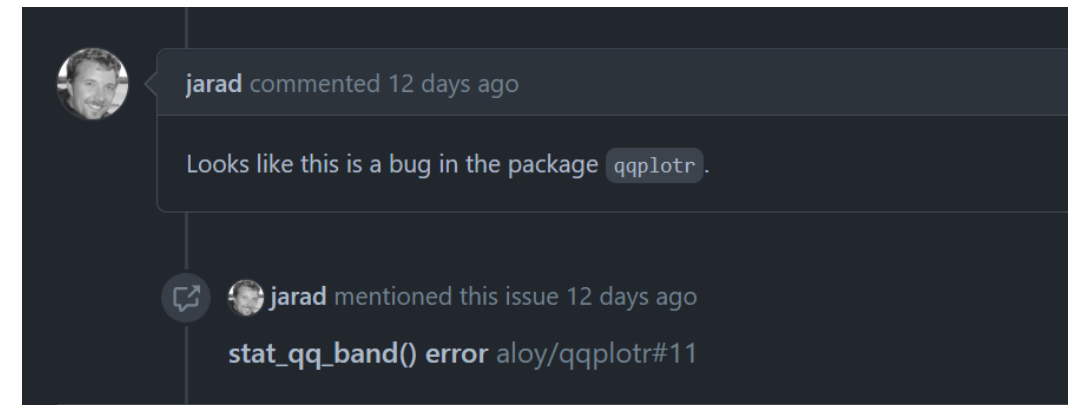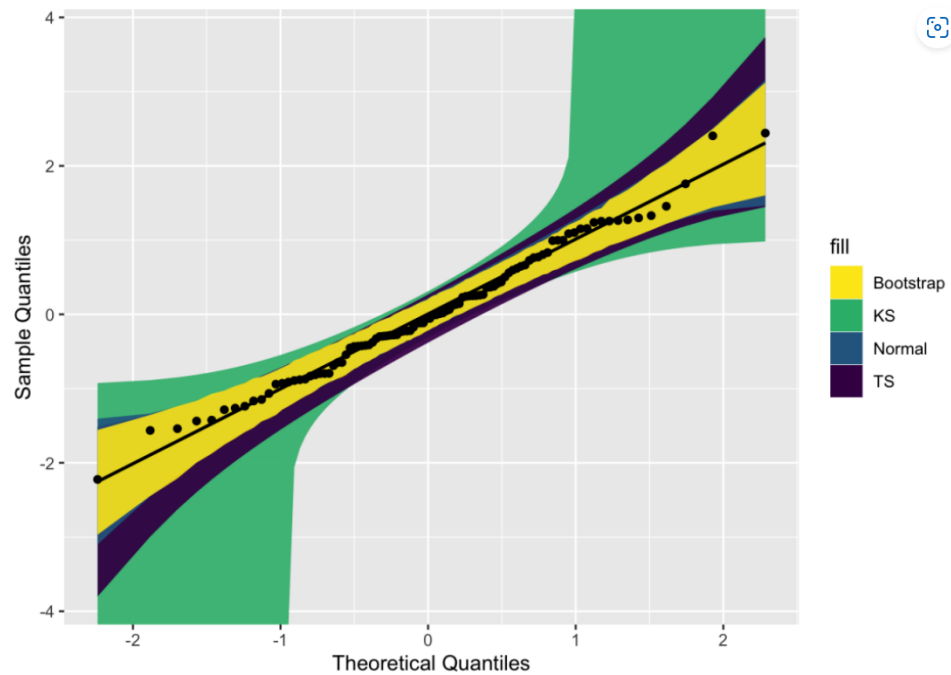
3. Comparing dnds(with or without BS)

4. Technical Problems

1. lm() and geom(lm), results are different
2. As result ba.2 by lm() = 0.95, which is obviously wrong

4. Technical Problems

- 2. I wished to use library::qqplotr() to draw bootstrapping scale in qqplot, while it has some bugs recently.

Writing Project Report