

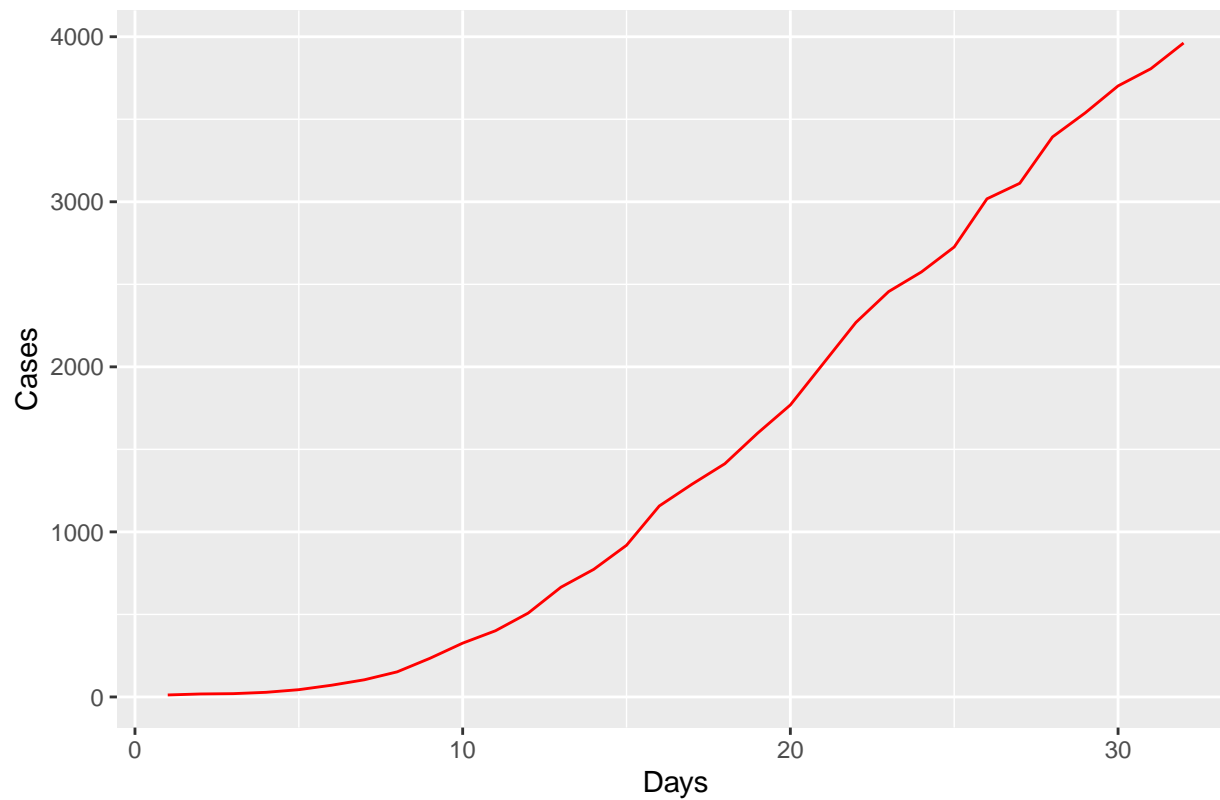
# Arizona/US/India Corona Trends- 15th April 2020 with tomorrow's prediction

Whitchurch Muthumani

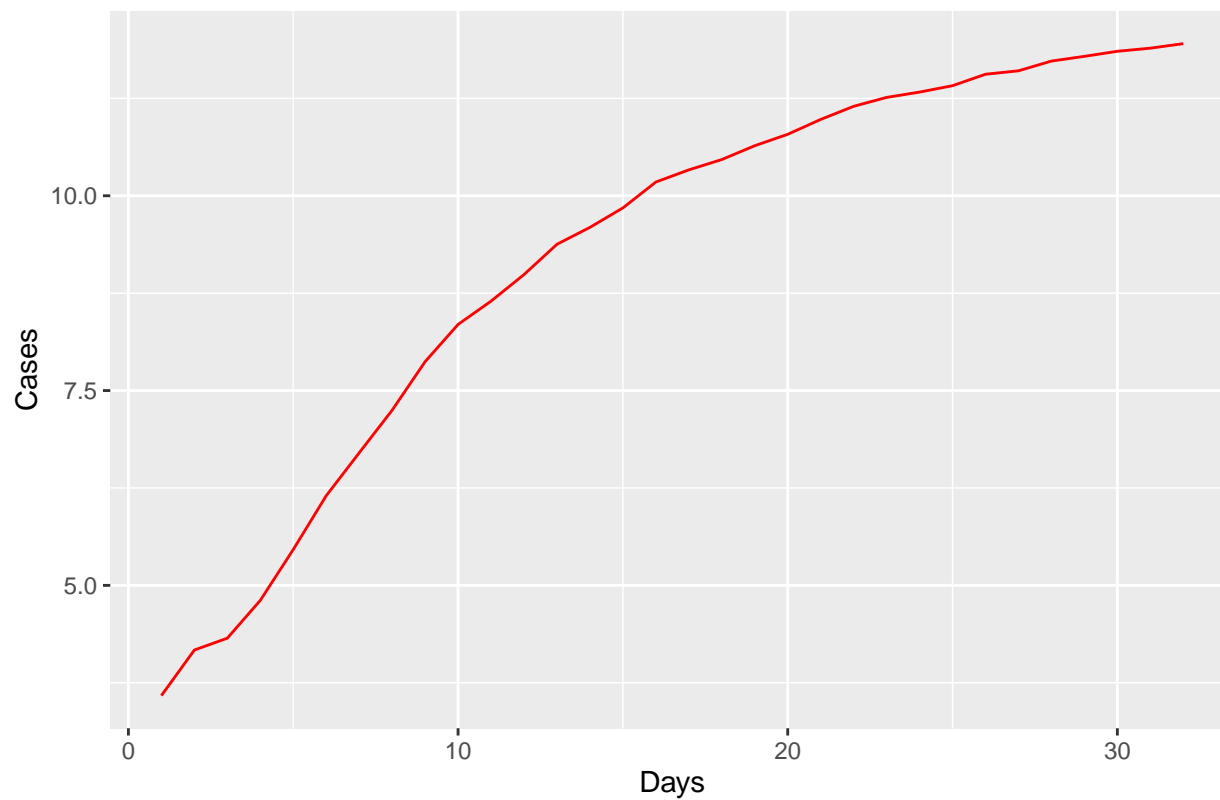
4/15/2020

## Arizona Corona Dashboard

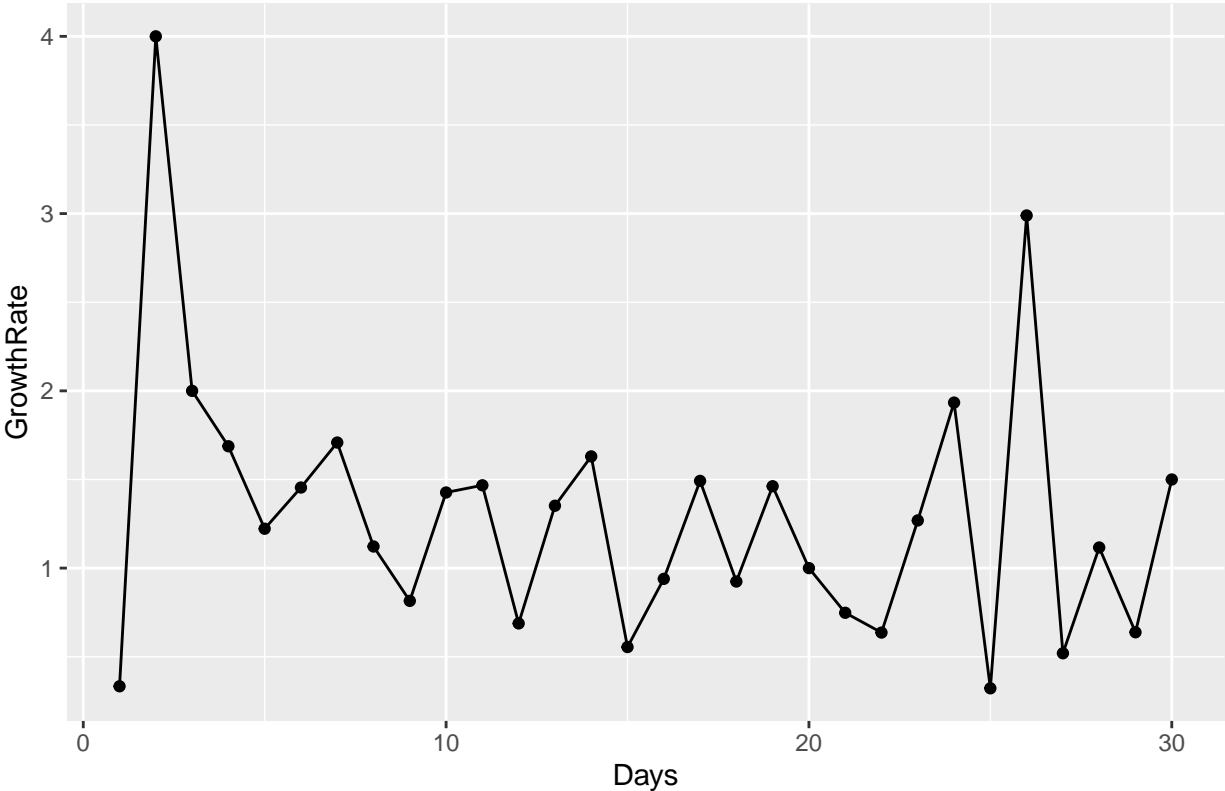
### Arizona: Daily Cases

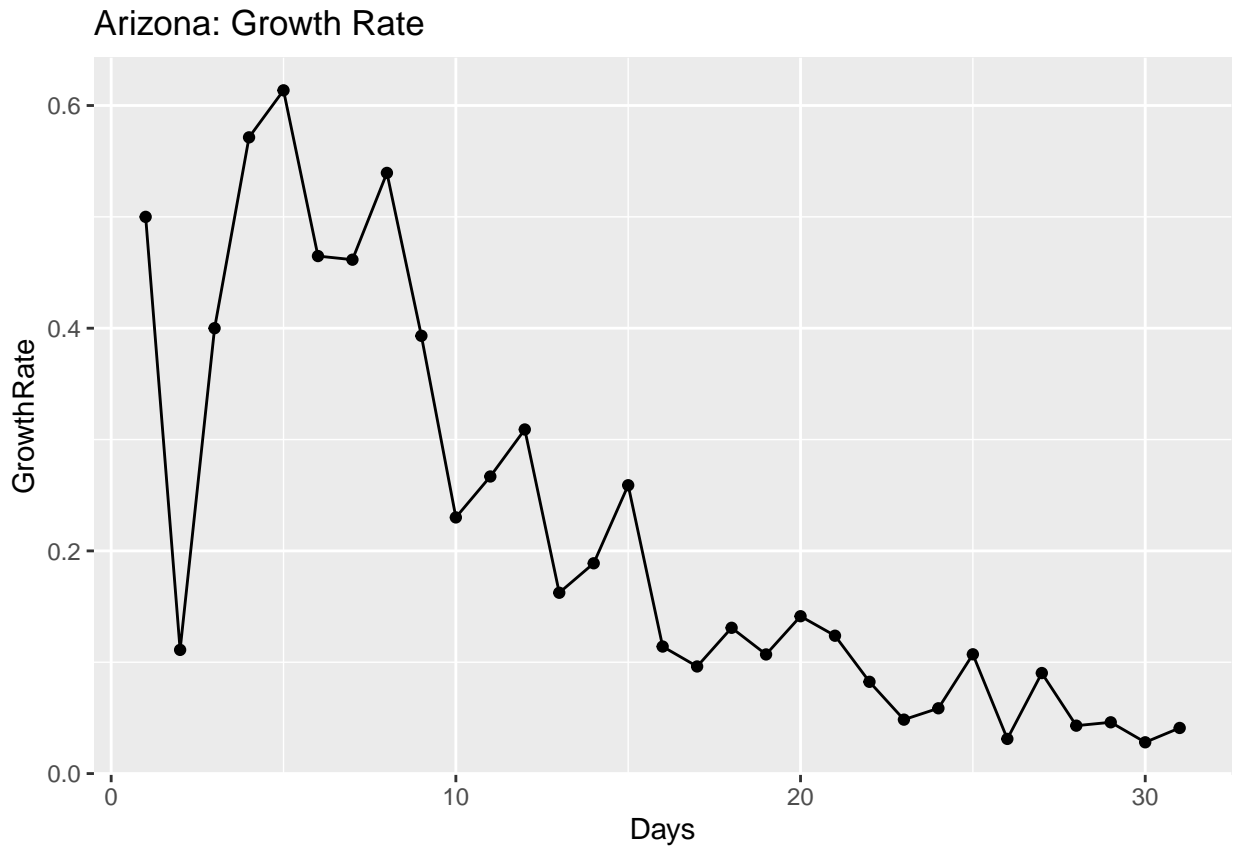


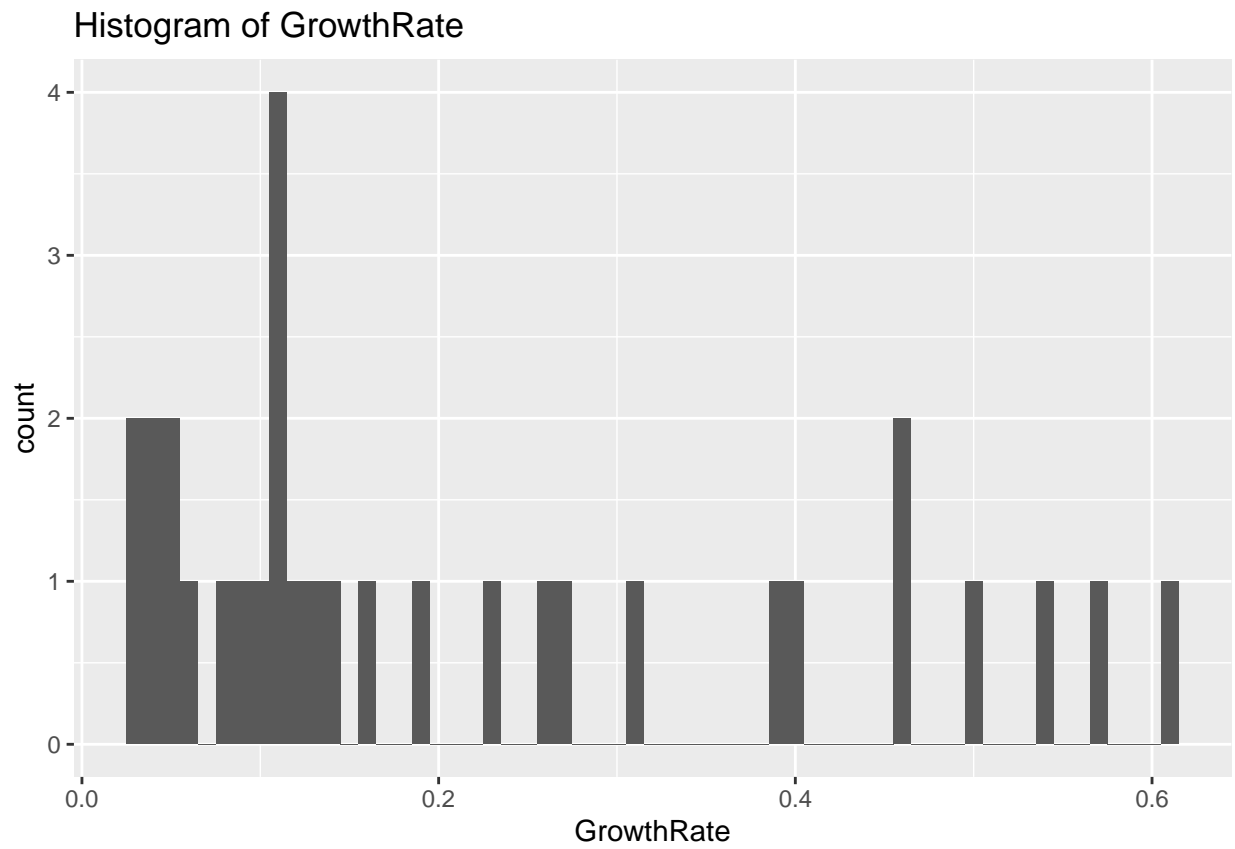
### Arizona: Daily Cases

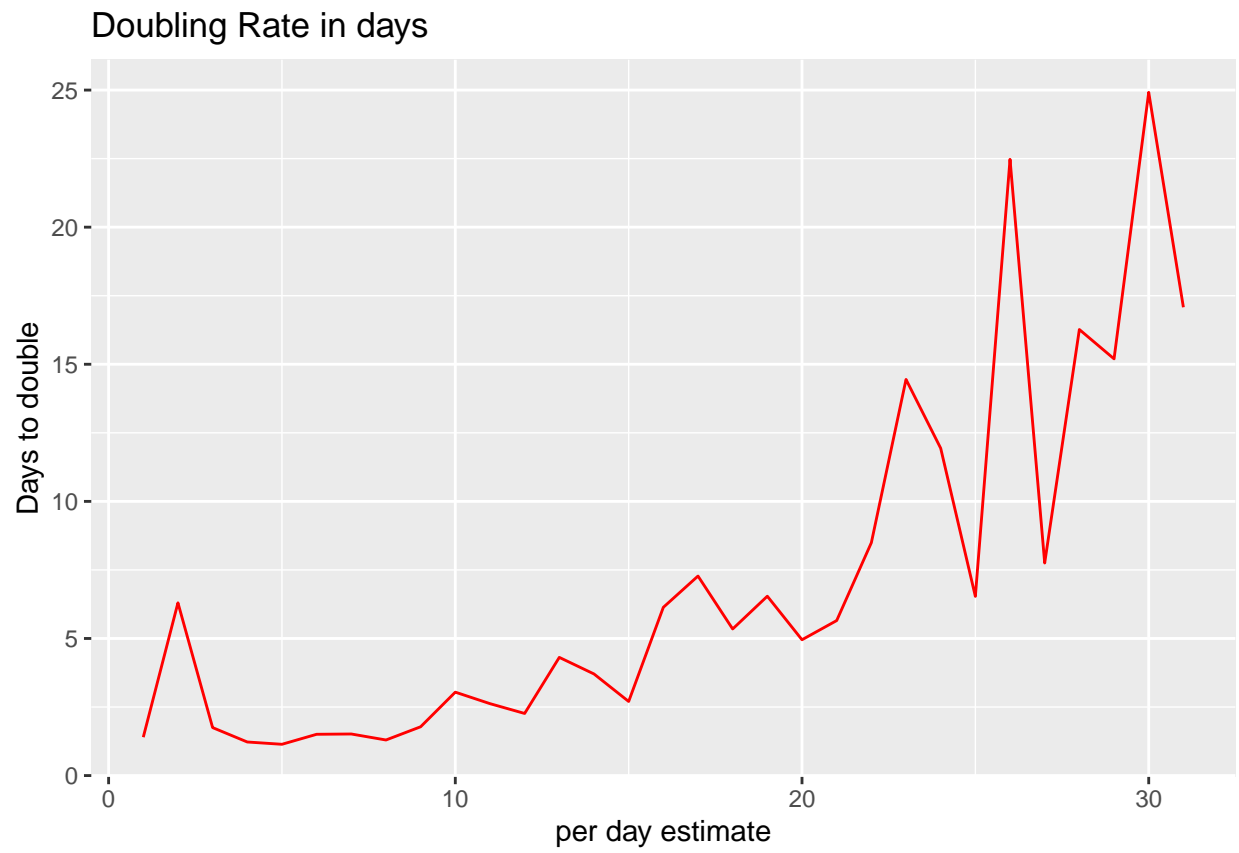


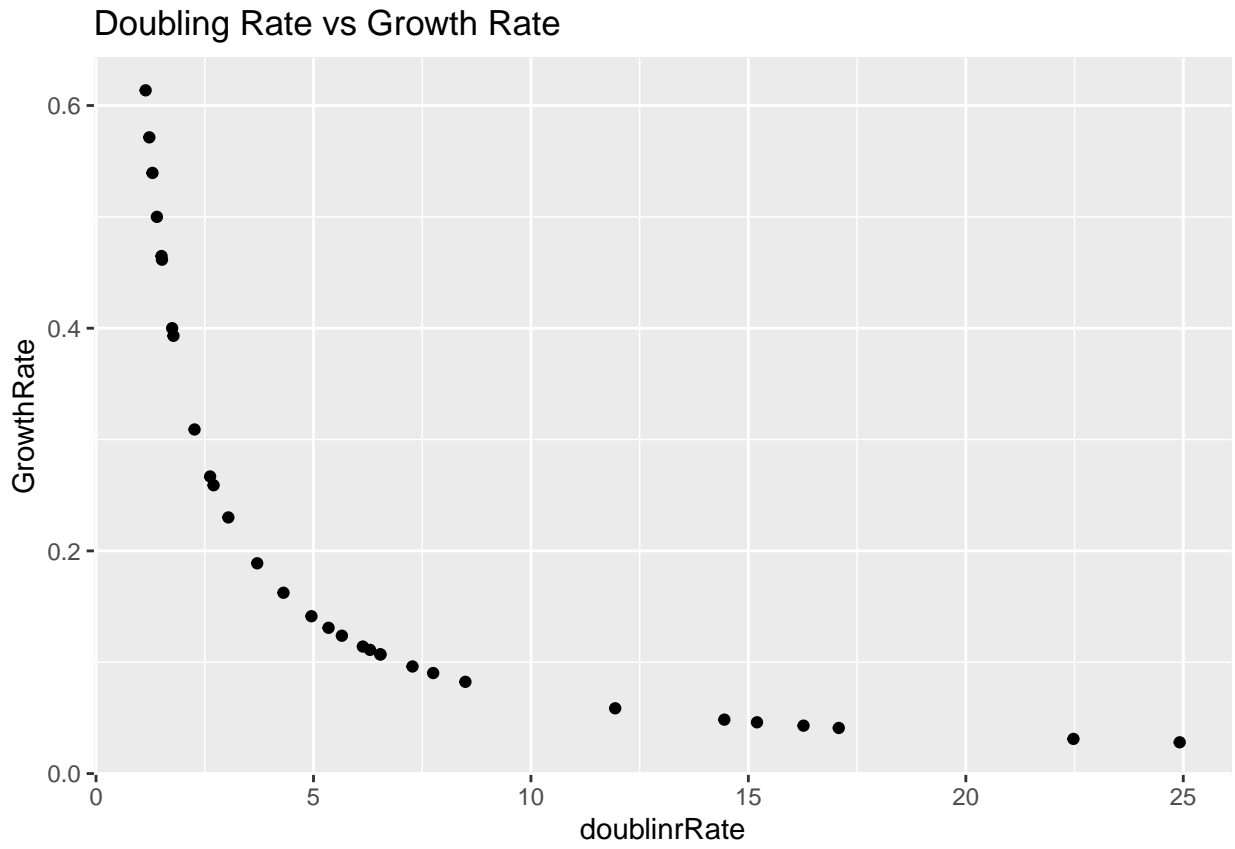
Arizona: Rate of change in Growth Rate

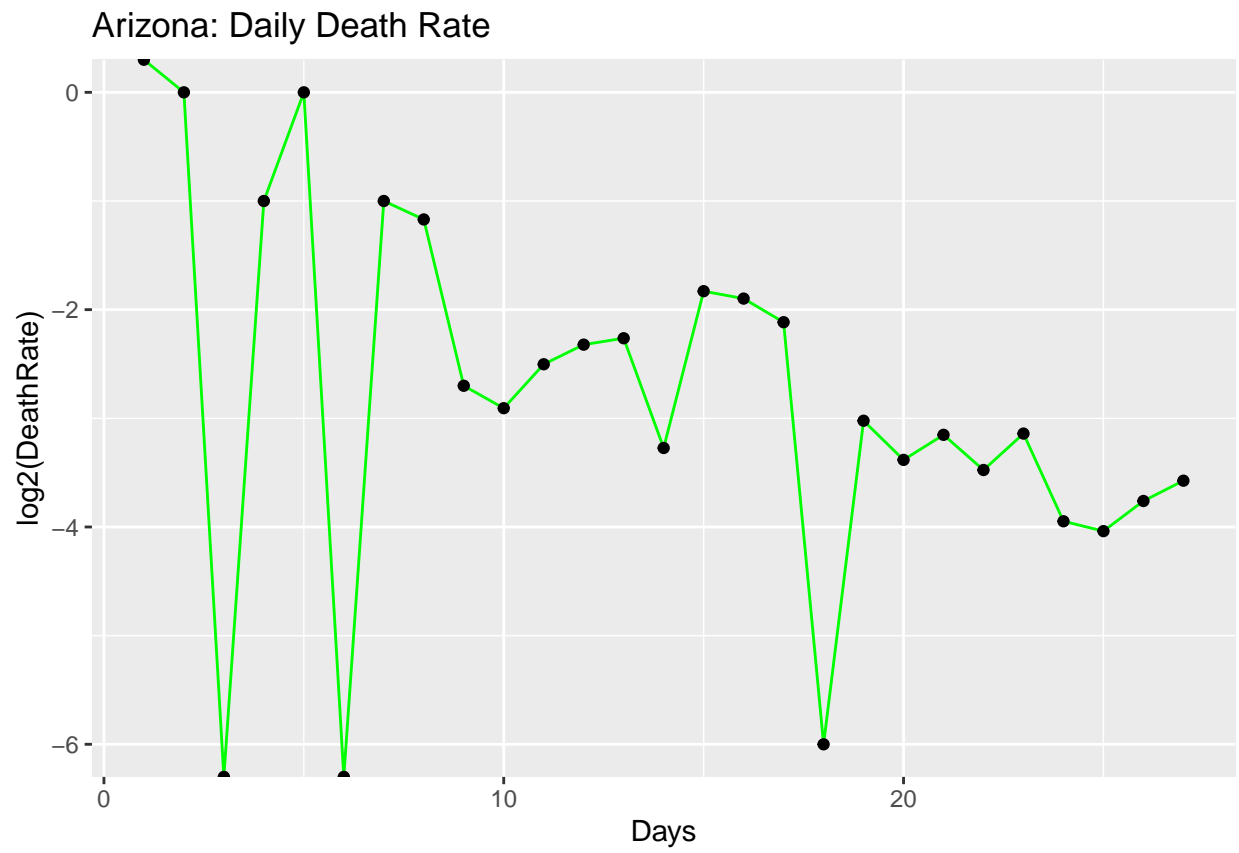




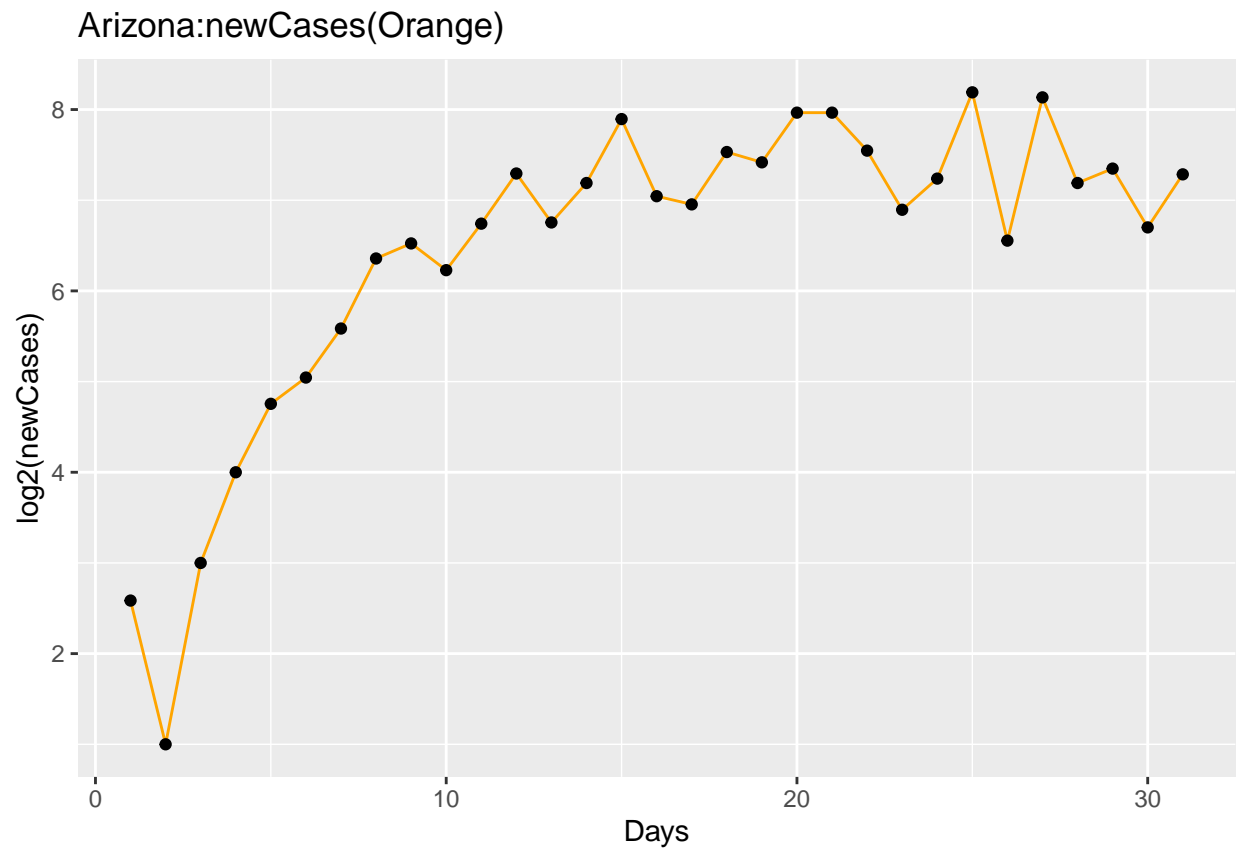


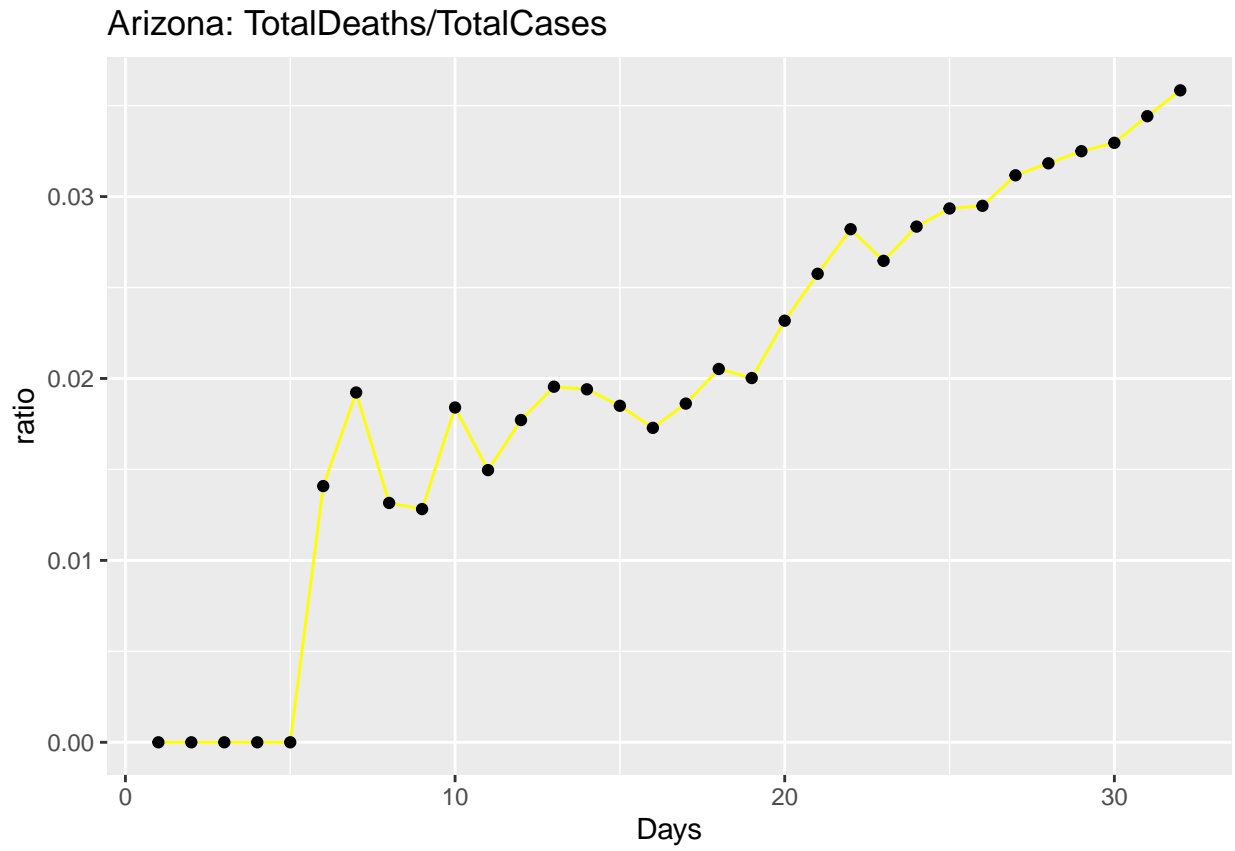


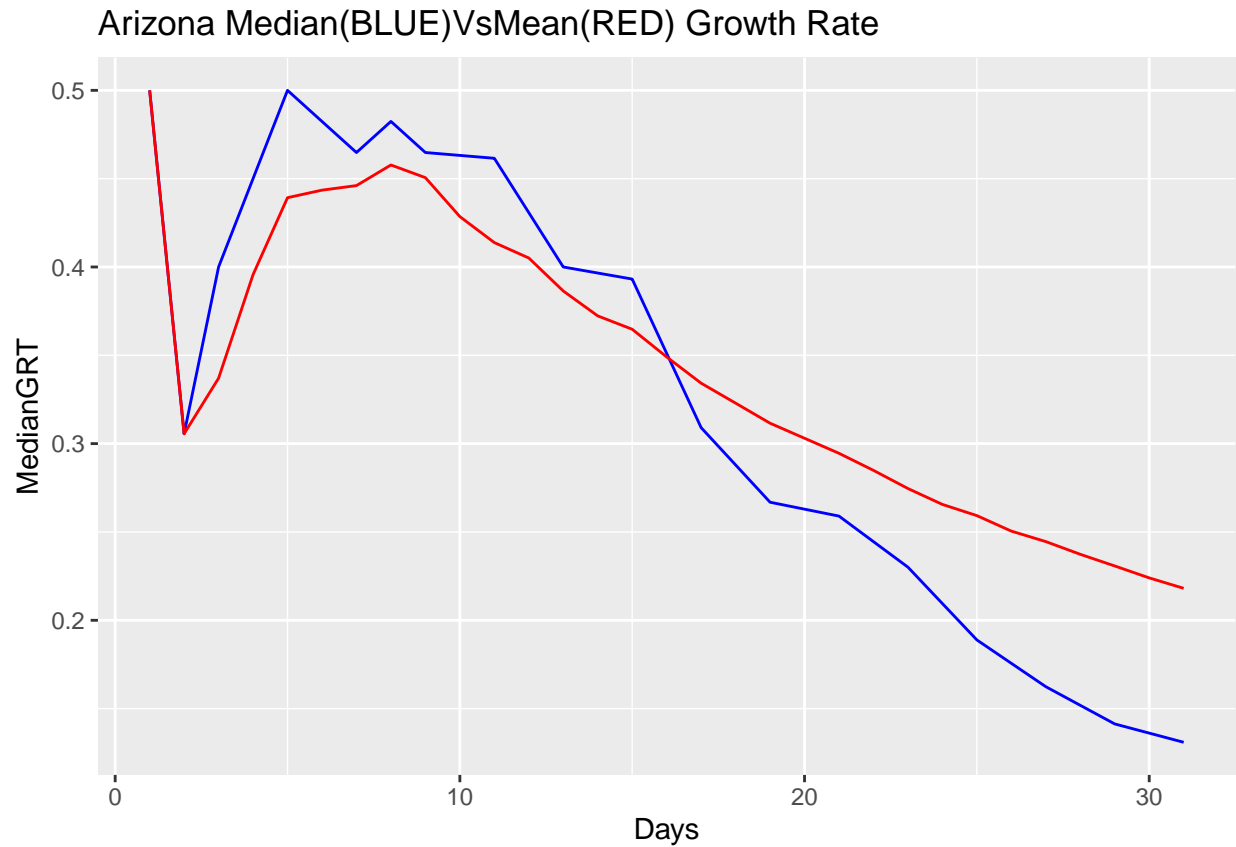










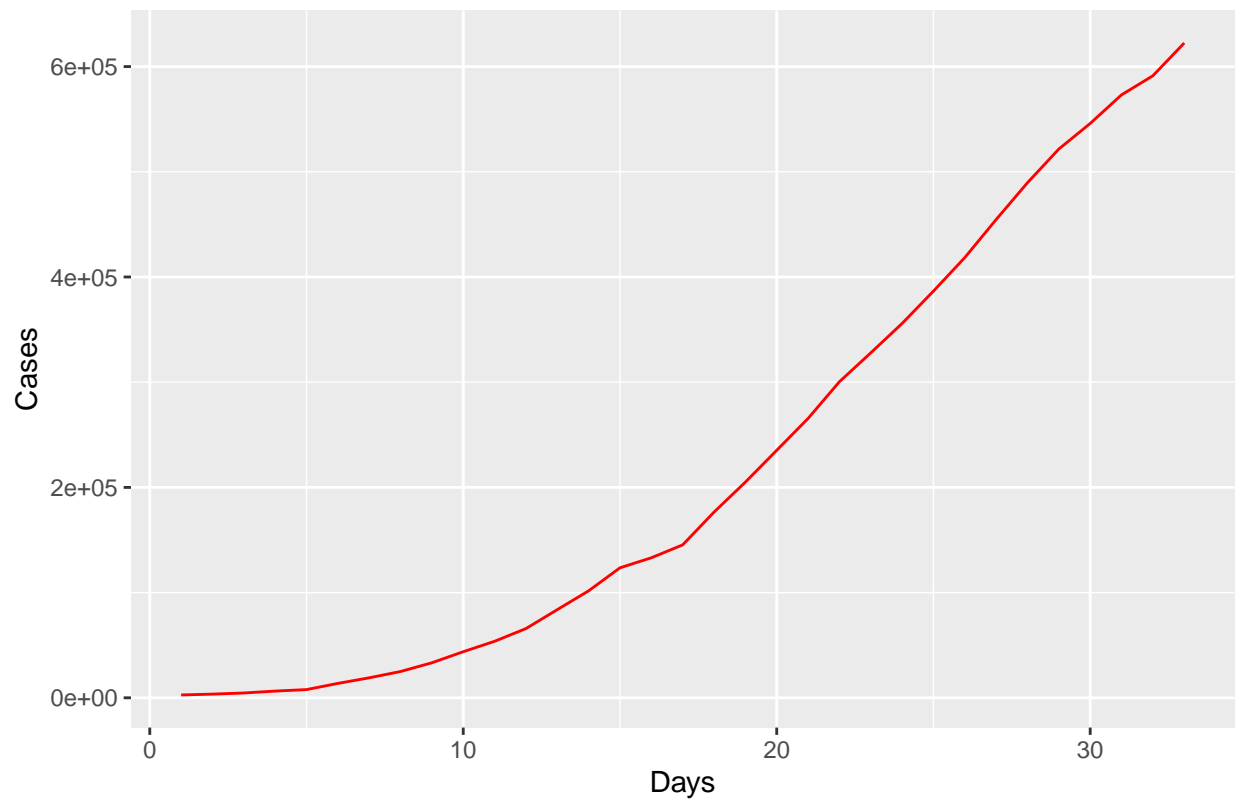


#### Results:

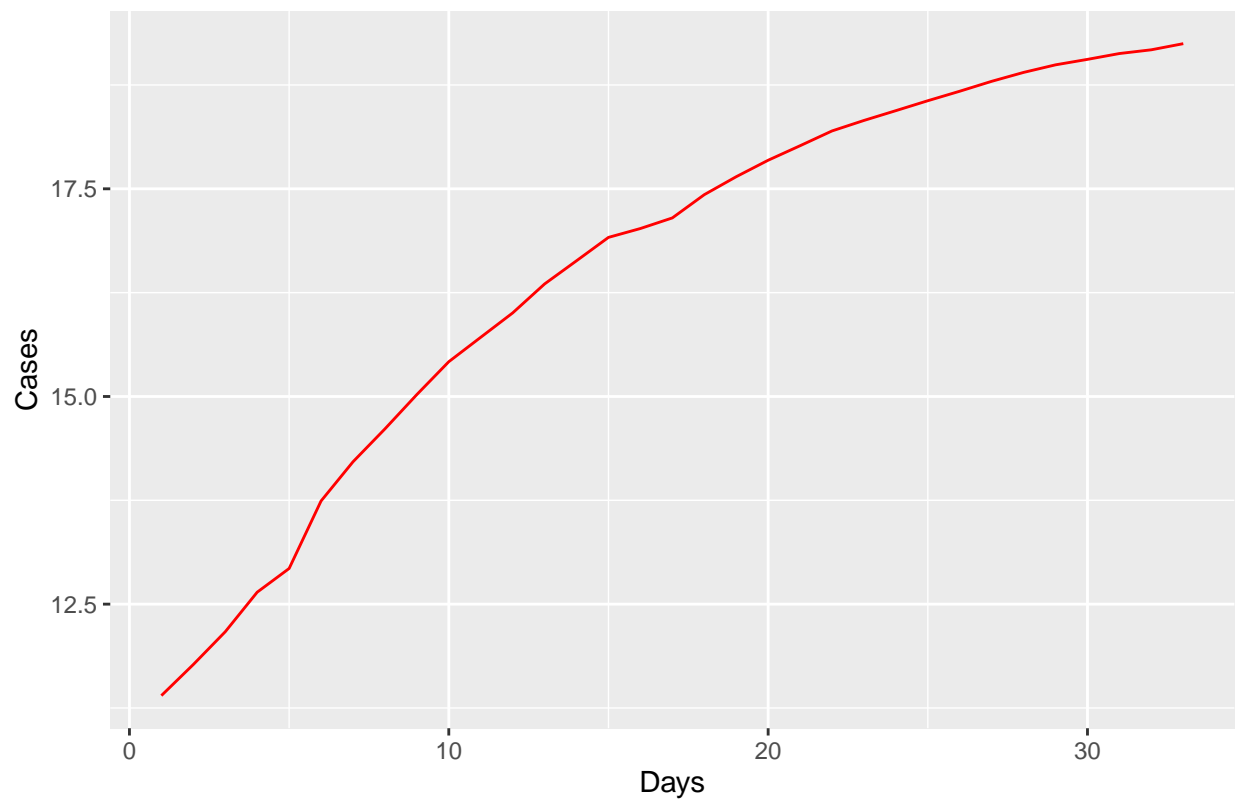
- Tomorrow's predicted case number is between **4124.3941146** and **4826.0932495** cases.
- Current doubling rate is **17 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **5 days**.
- Latest Observed Growth Rate **4.0987914** percent.
- Mean Growth Rate: **21.8095217** percent.
- Median Growth Rate: **13.0927105** percent.
- Standard deviation: +/- **18.2583015**.

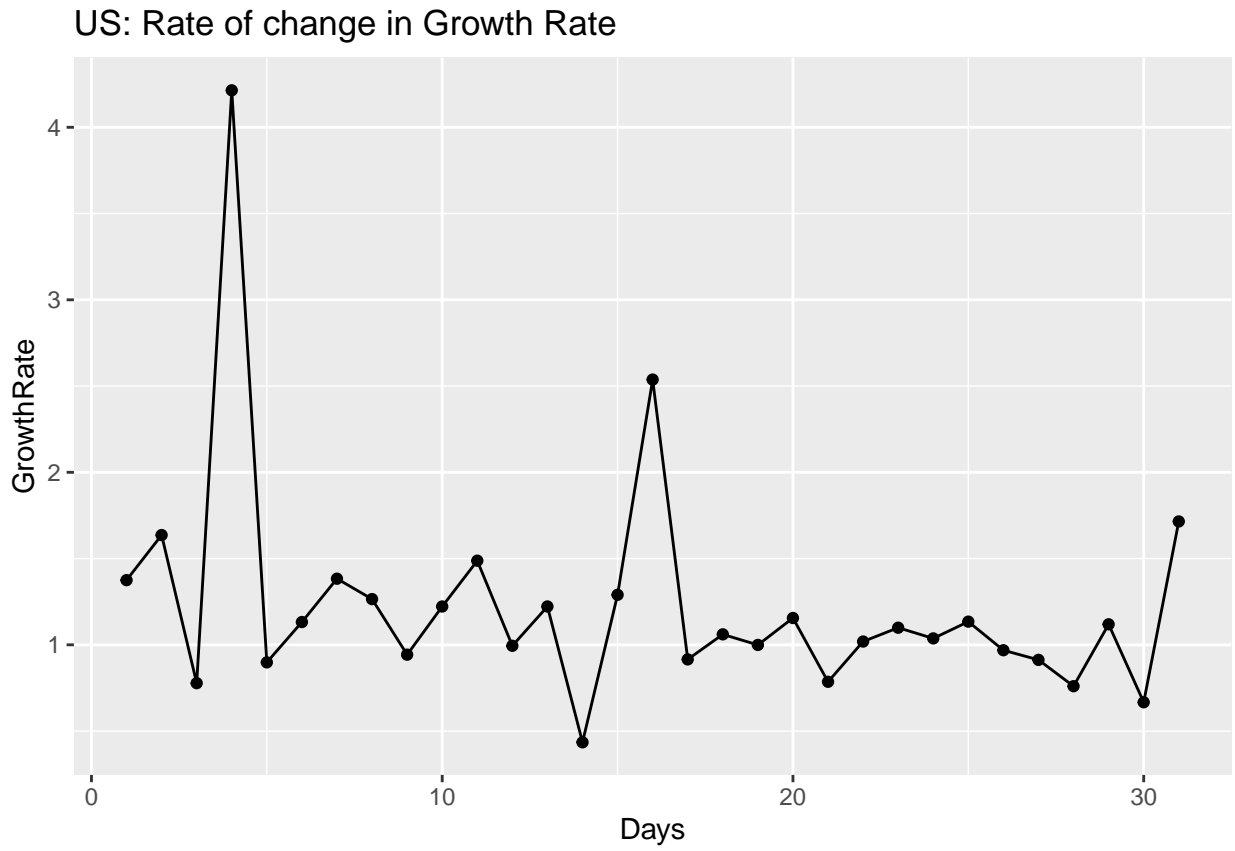
## US Corona Dashboard

### US: Daily Cases

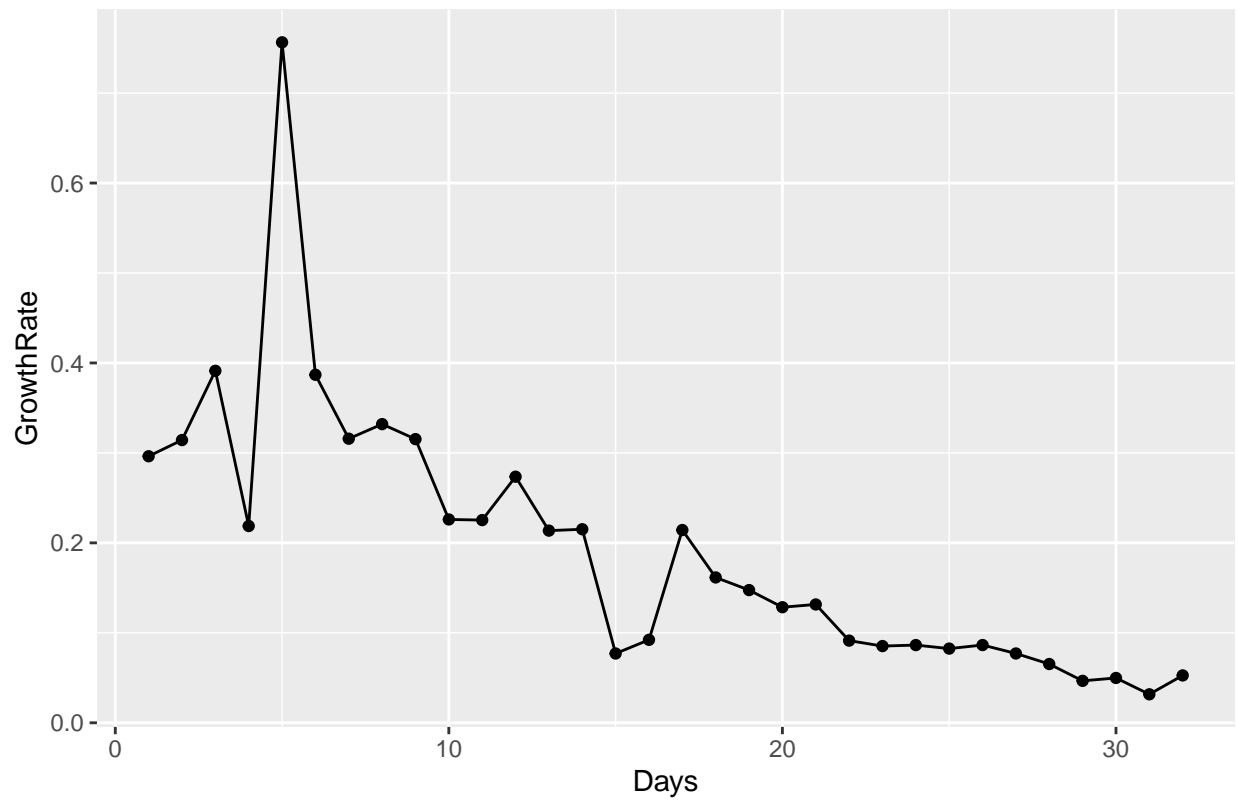


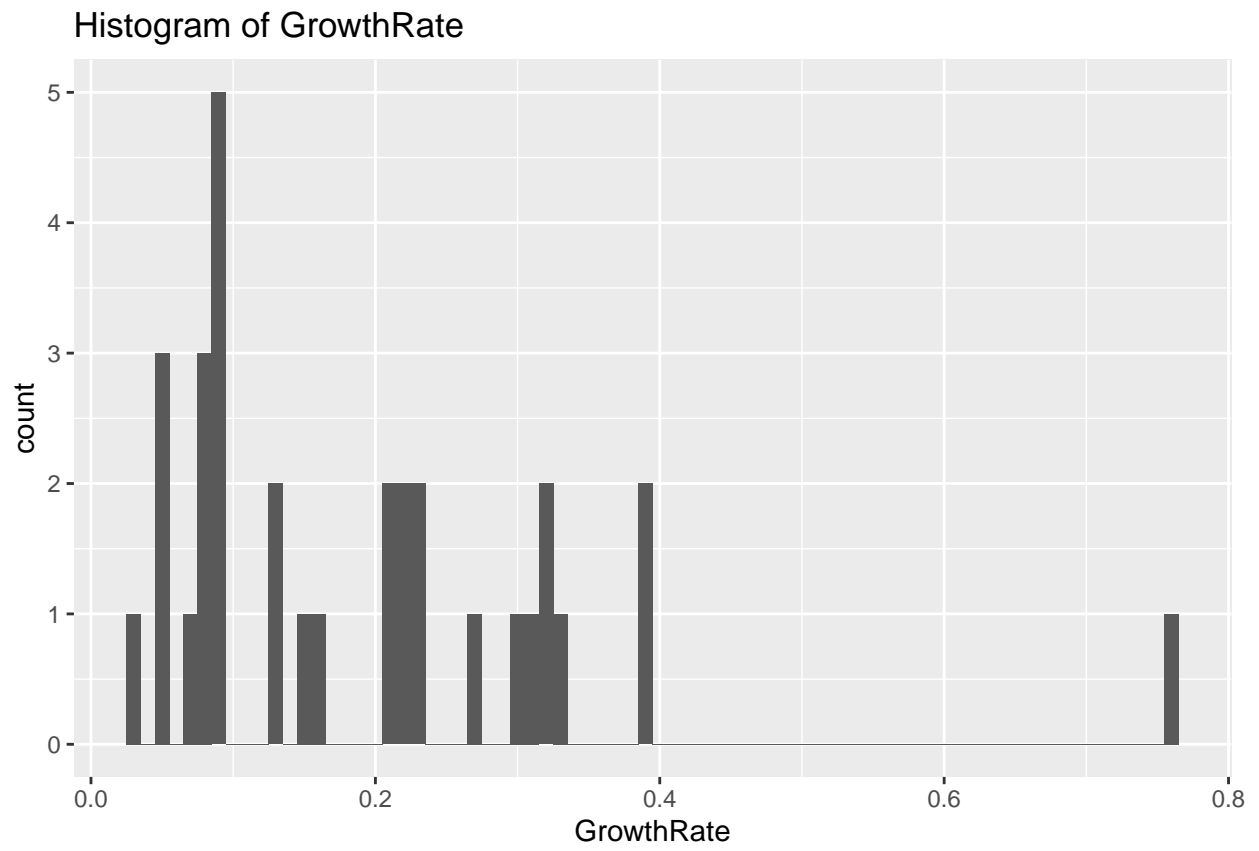
### US: Daily Cases

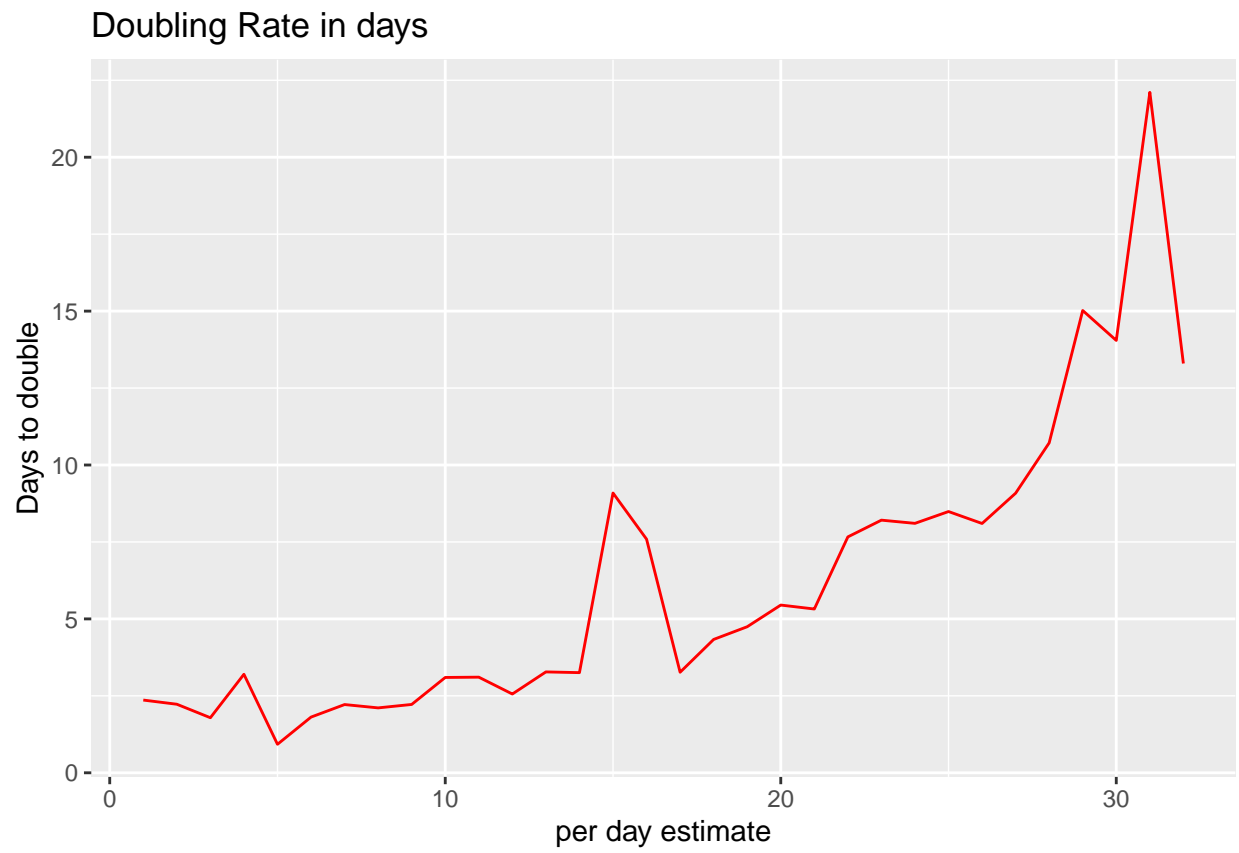




US: Growth Rate

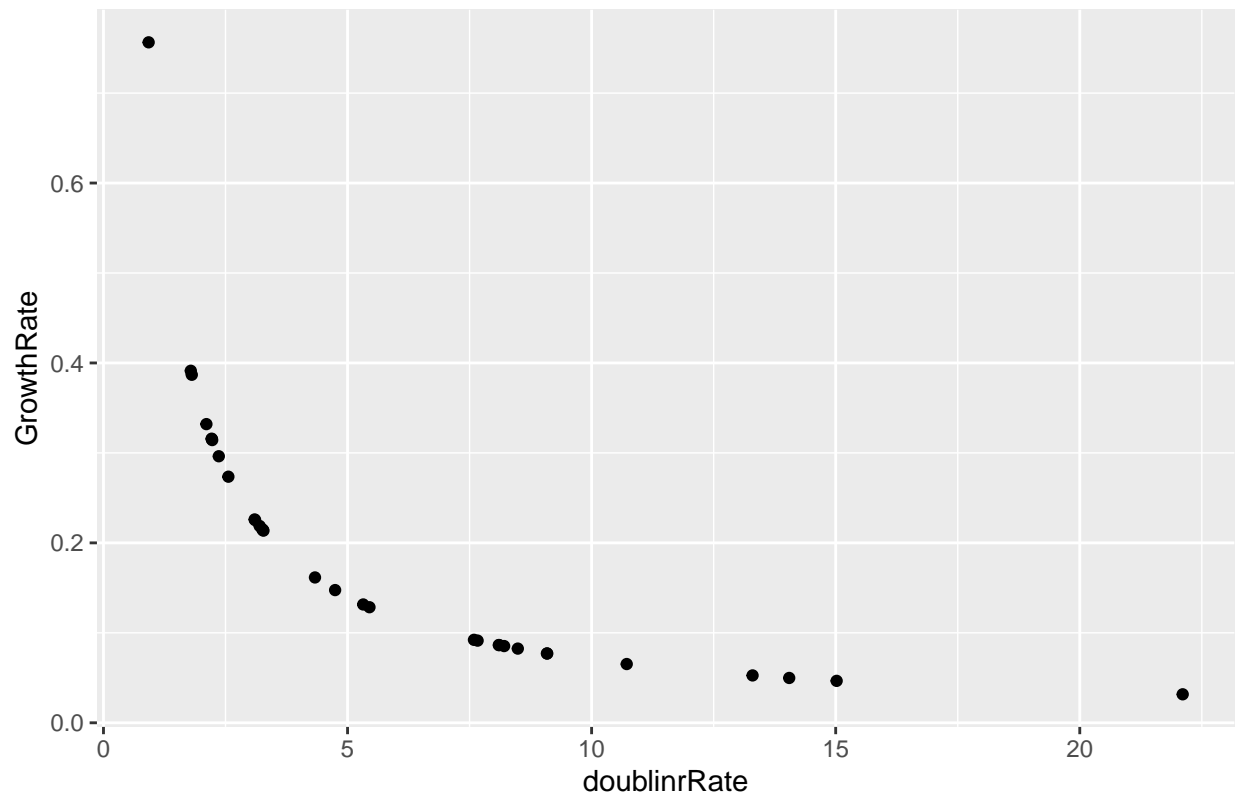




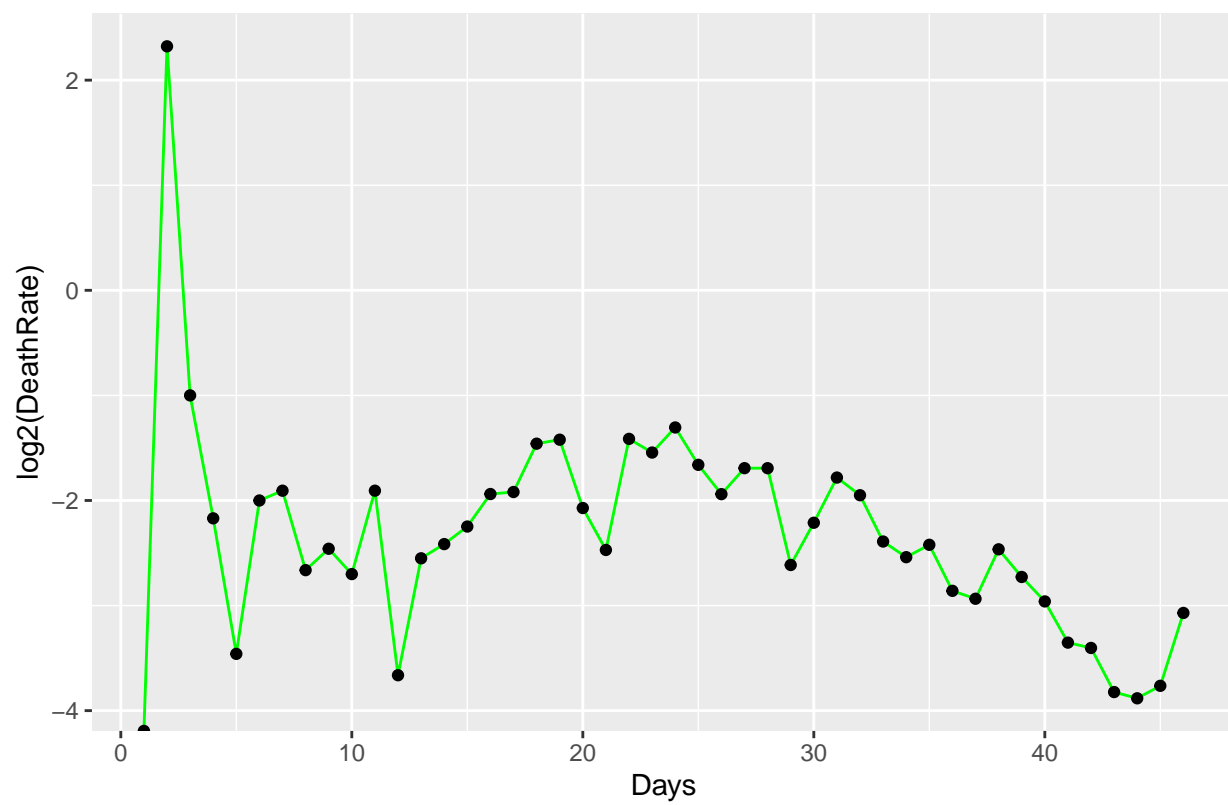


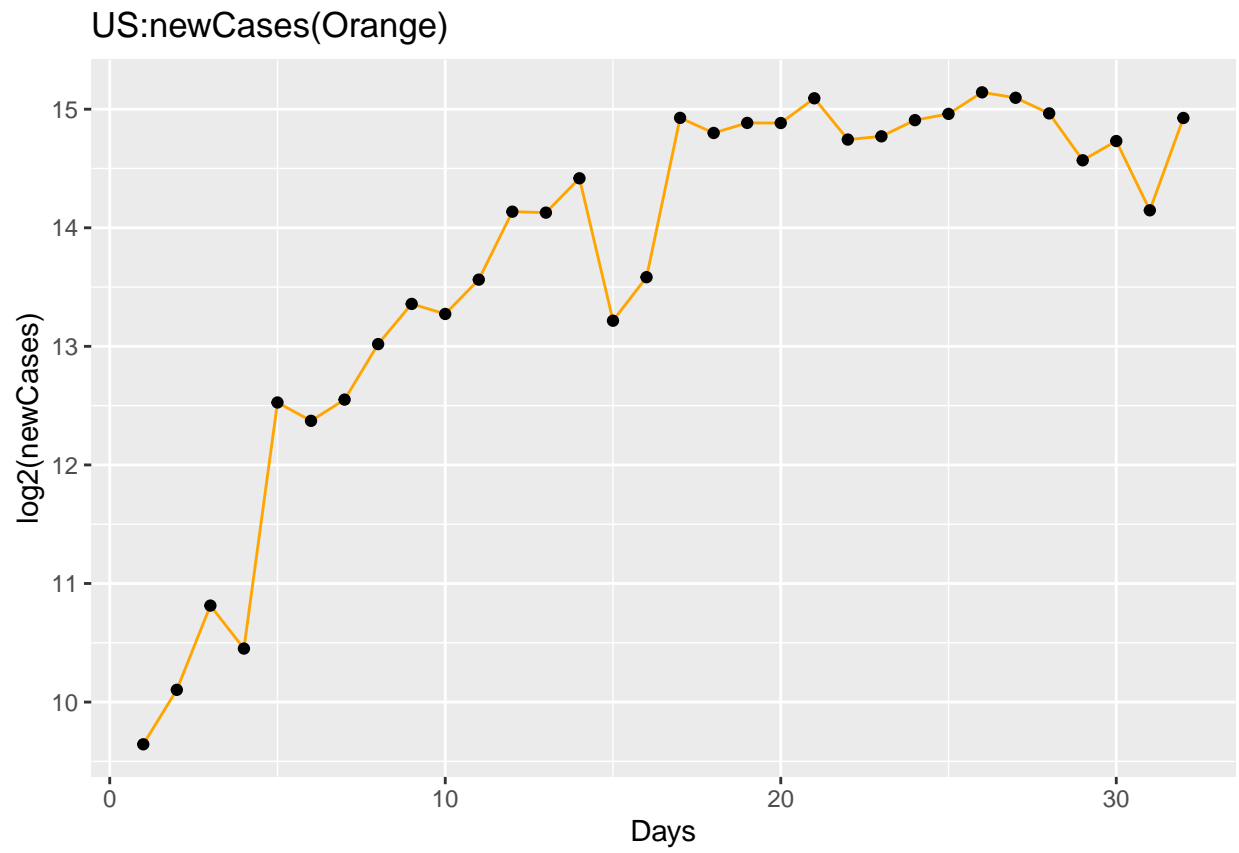


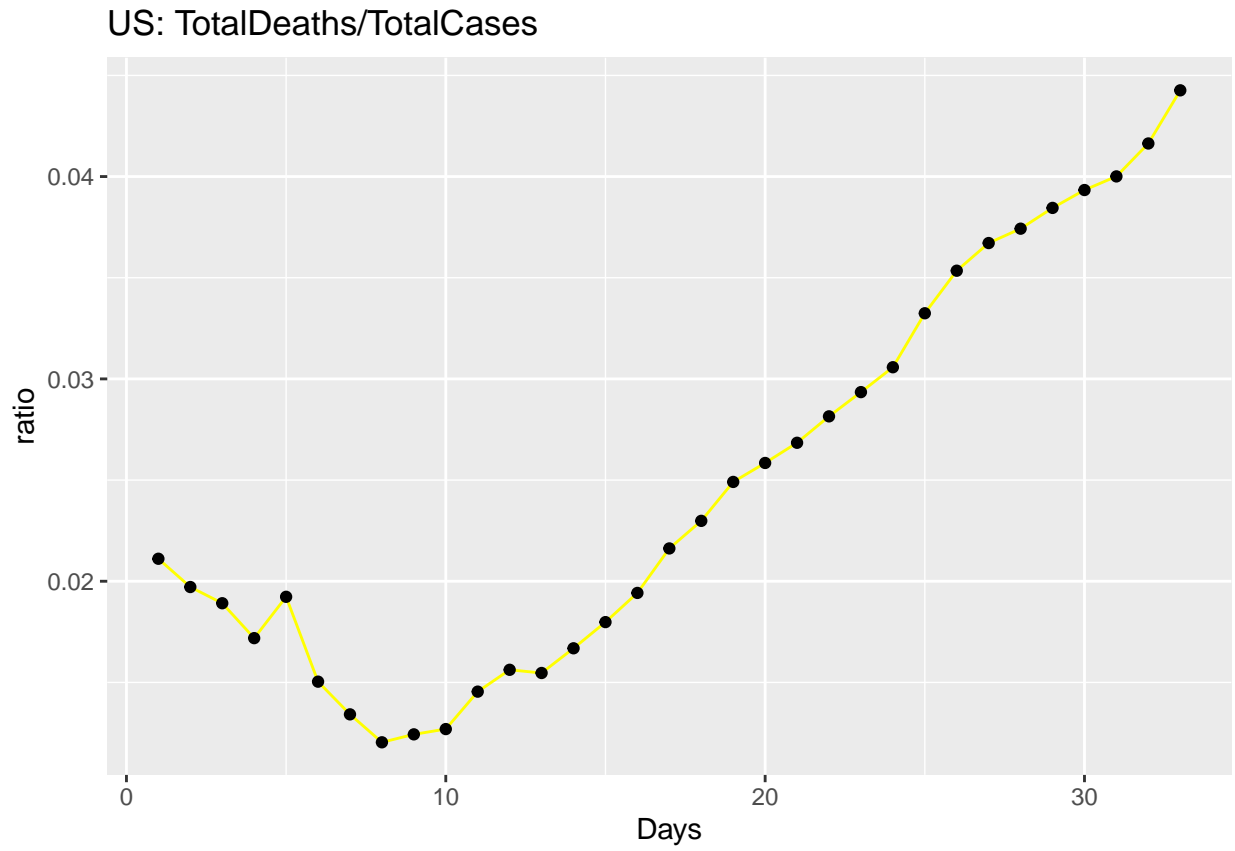
Doubling Rate vs Growth Rate

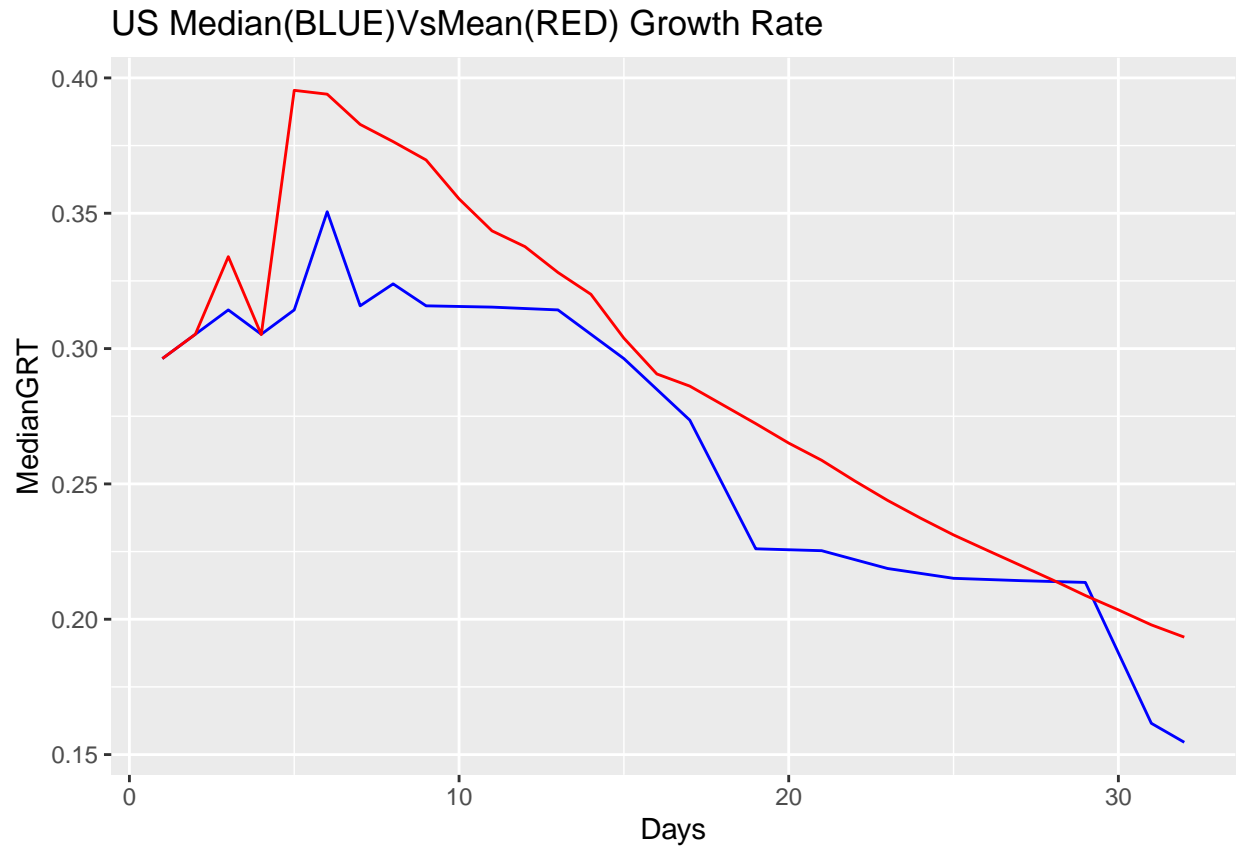


US: Daily Death Rate





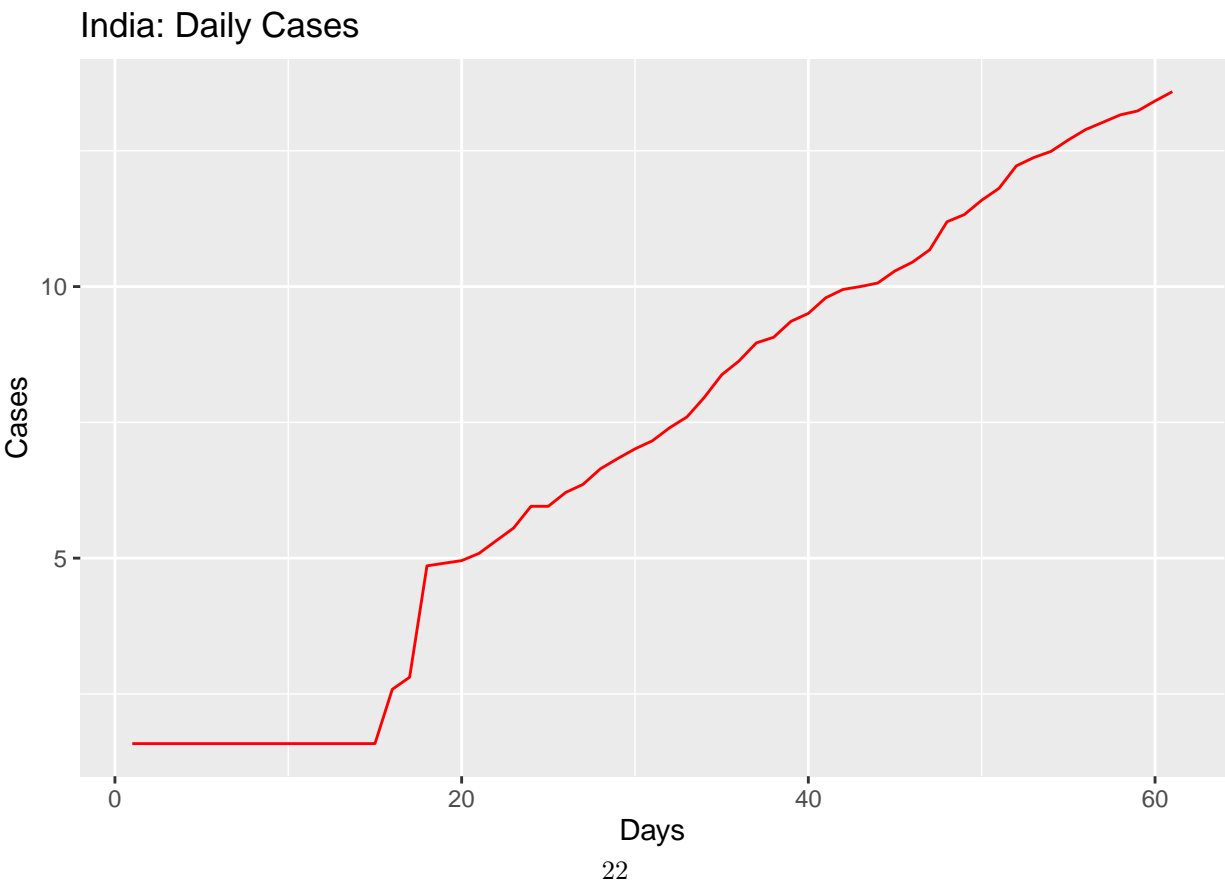
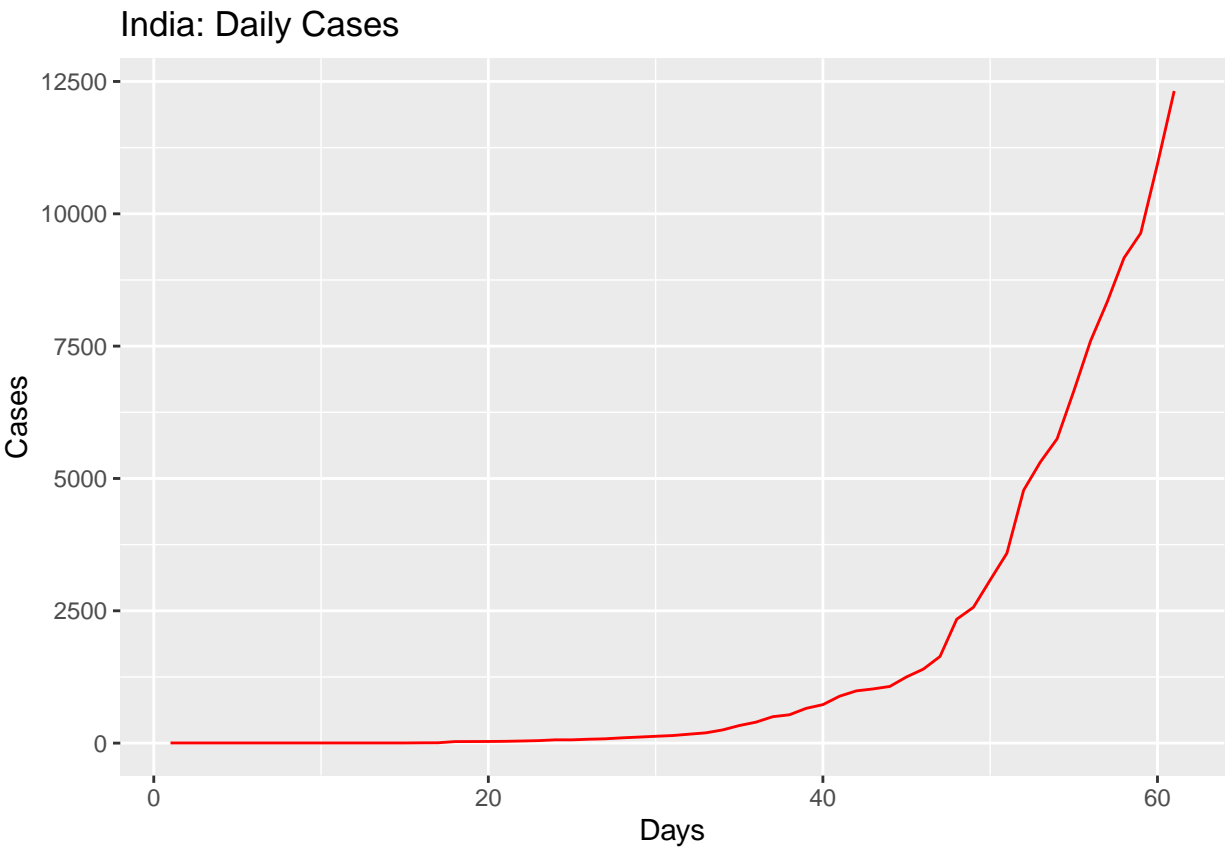




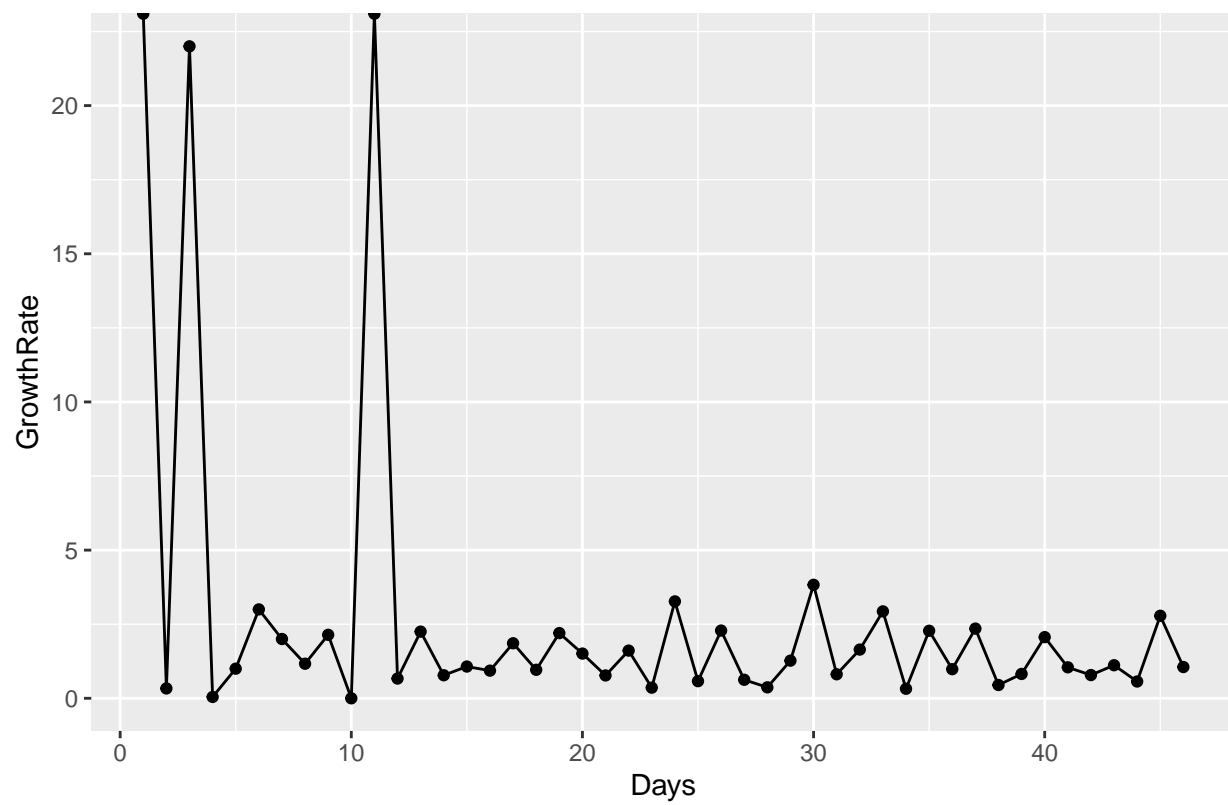
#### Results:

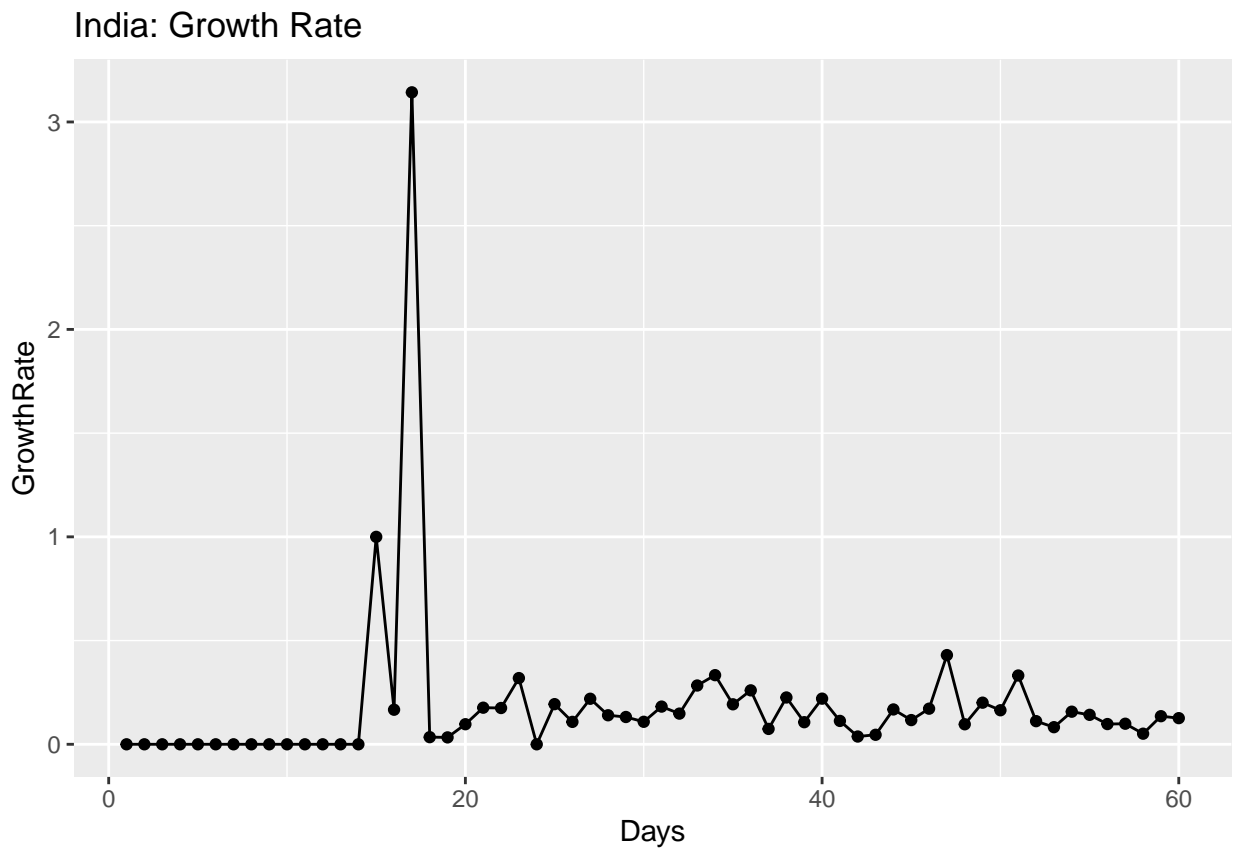
- Tomorrow's predicted case number is between  $6.5517762 \times 10^5$  and  $7.4277539 \times 10^5$  cases.
- Current doubling rate is **13 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **5 days**.
- Latest Observed Growth Rate **5.2642973** percent.
- Mean Growth Rate: **19.338218** percent.
- Median Growth Rate: **15.4534604** percent.
- Standard deviation: +/- **14.9042783**.

India Corona Dashboard

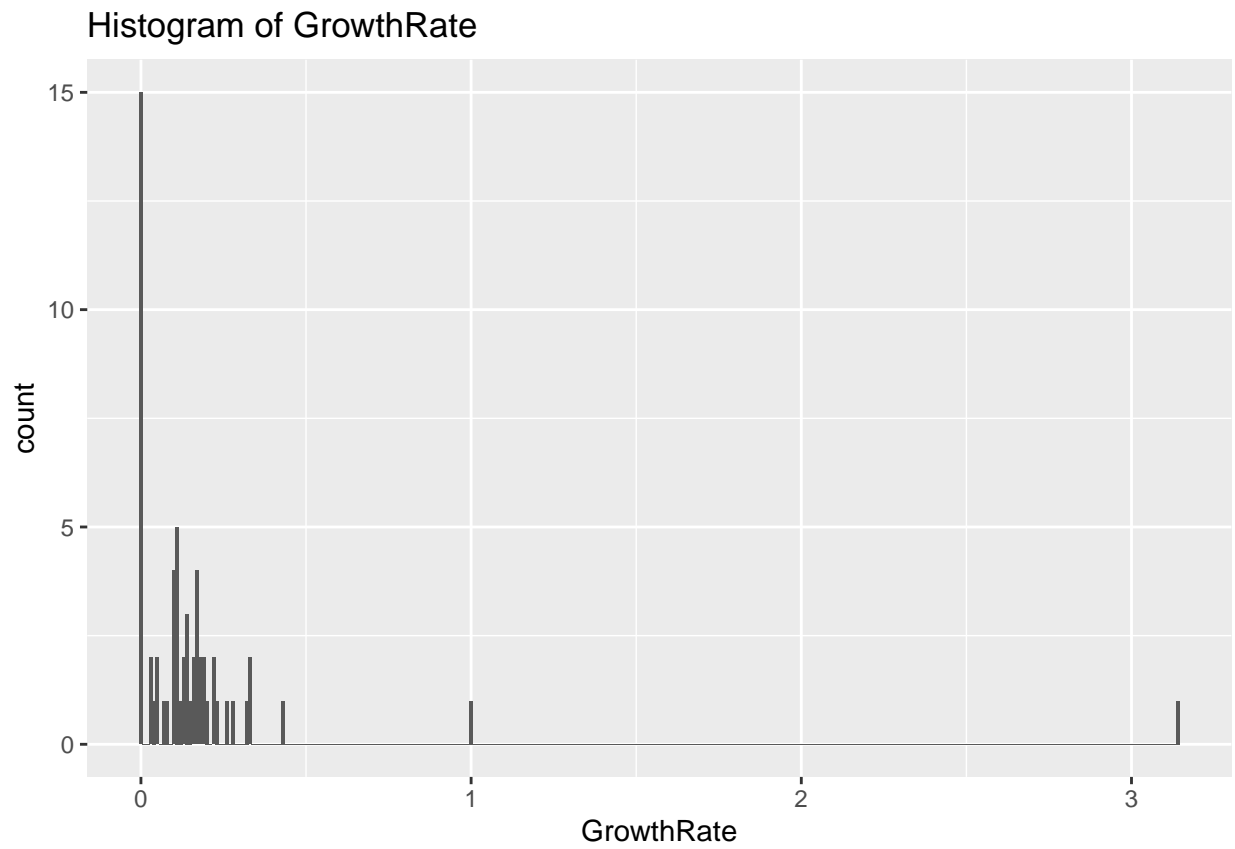


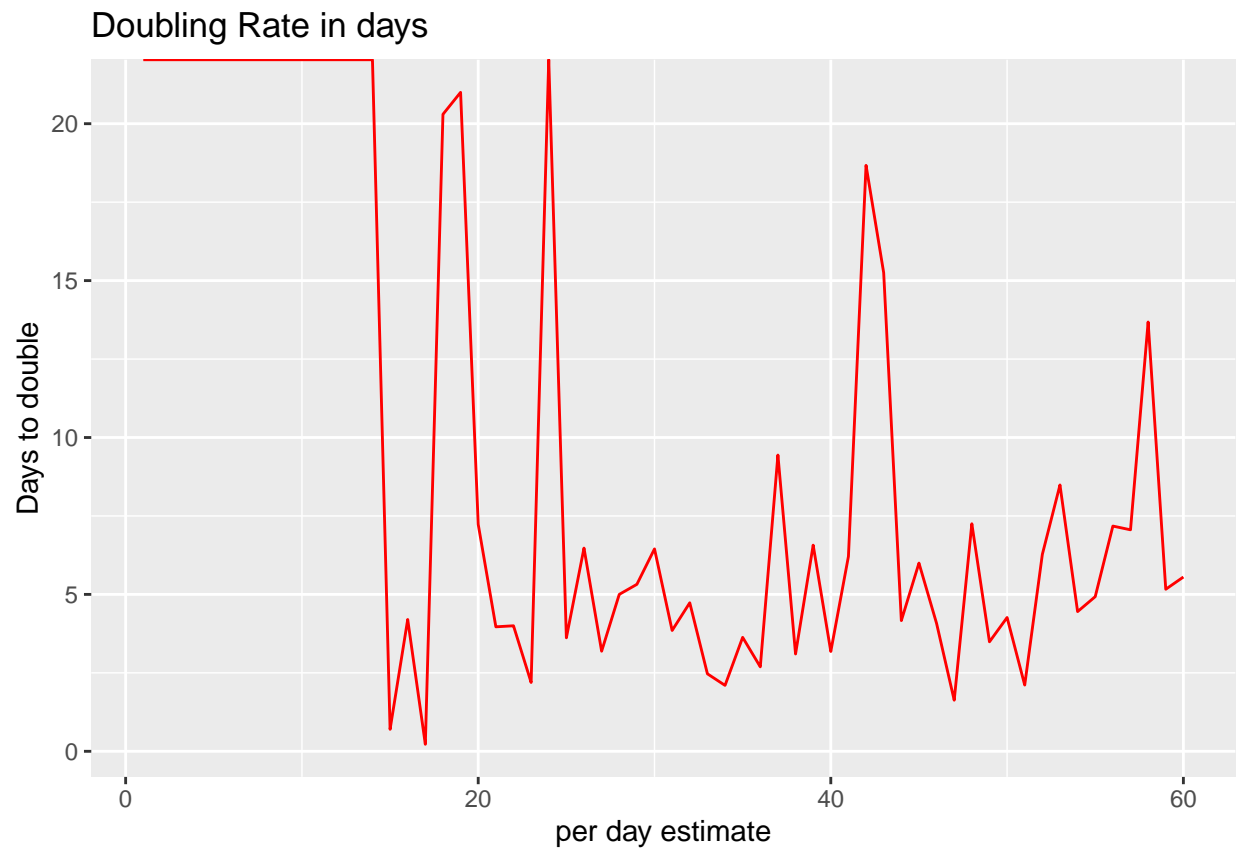
US: Rate of change in Growth Rate

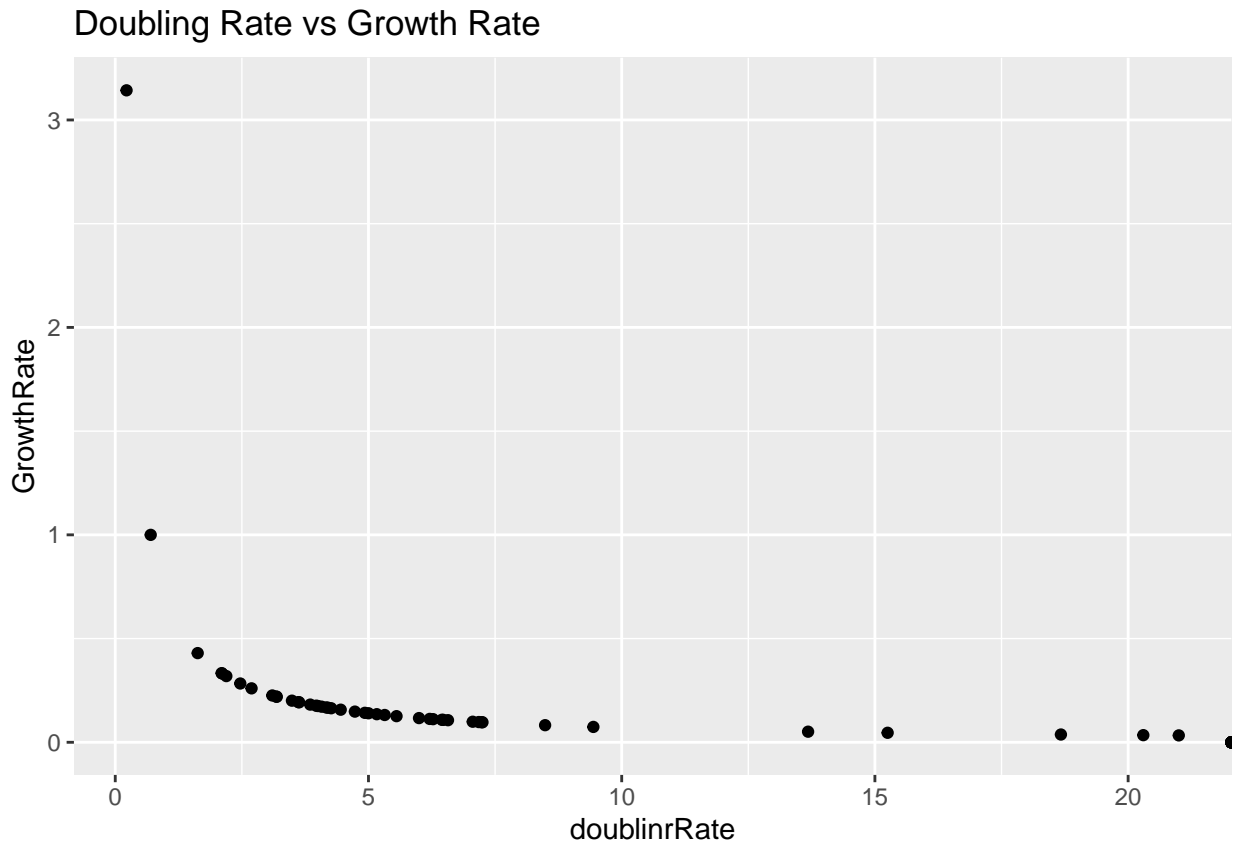


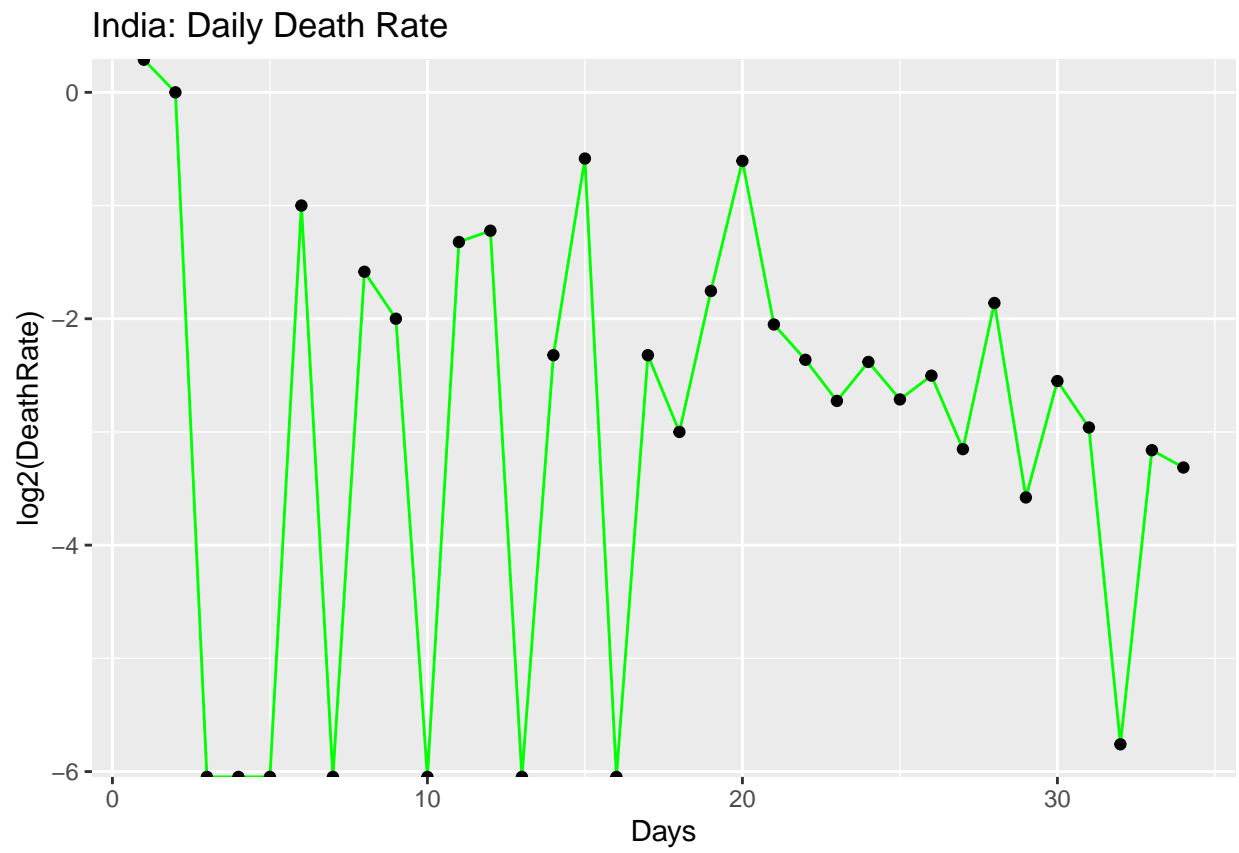


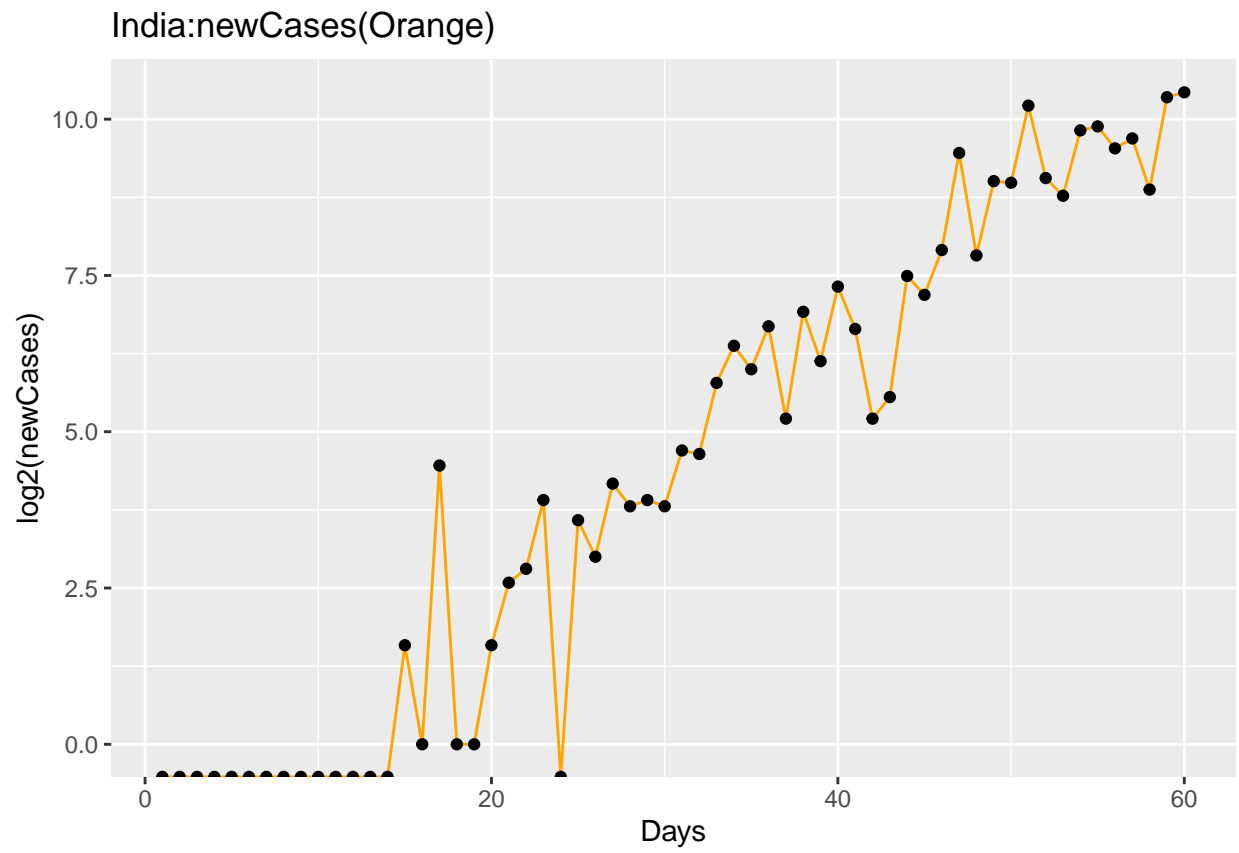




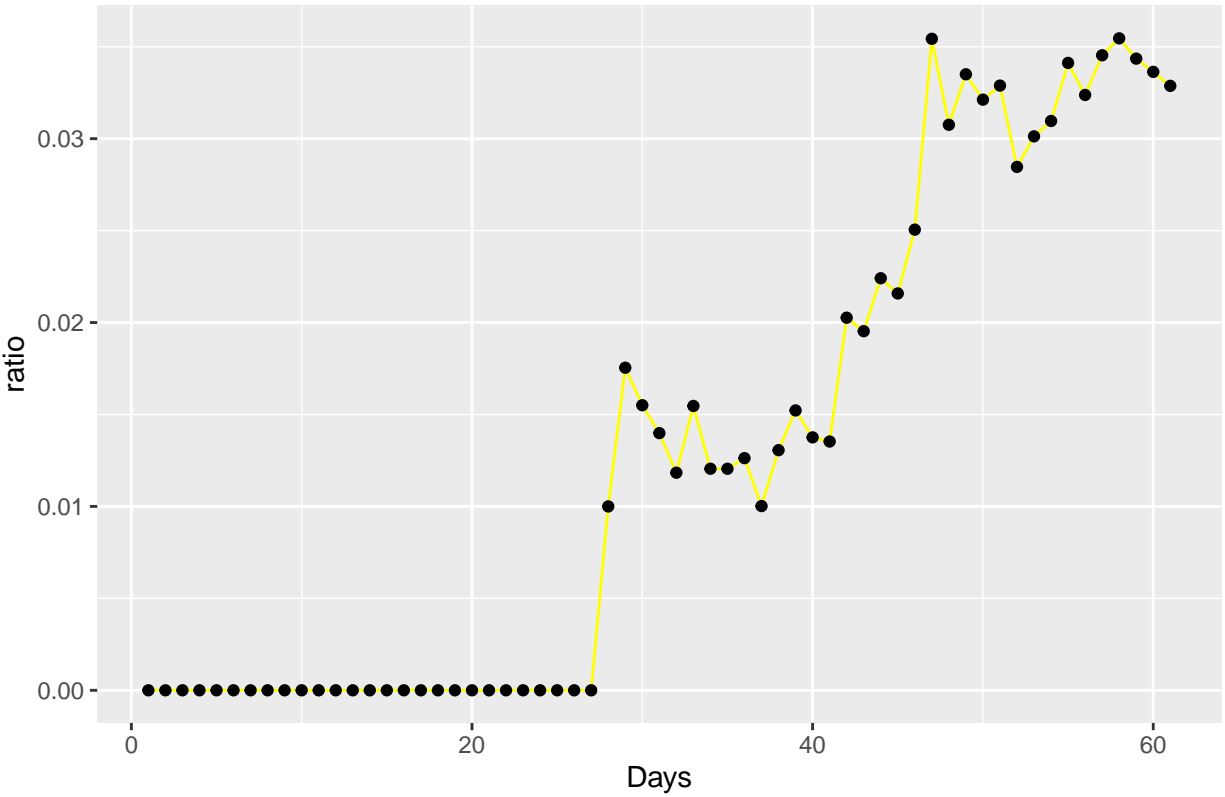


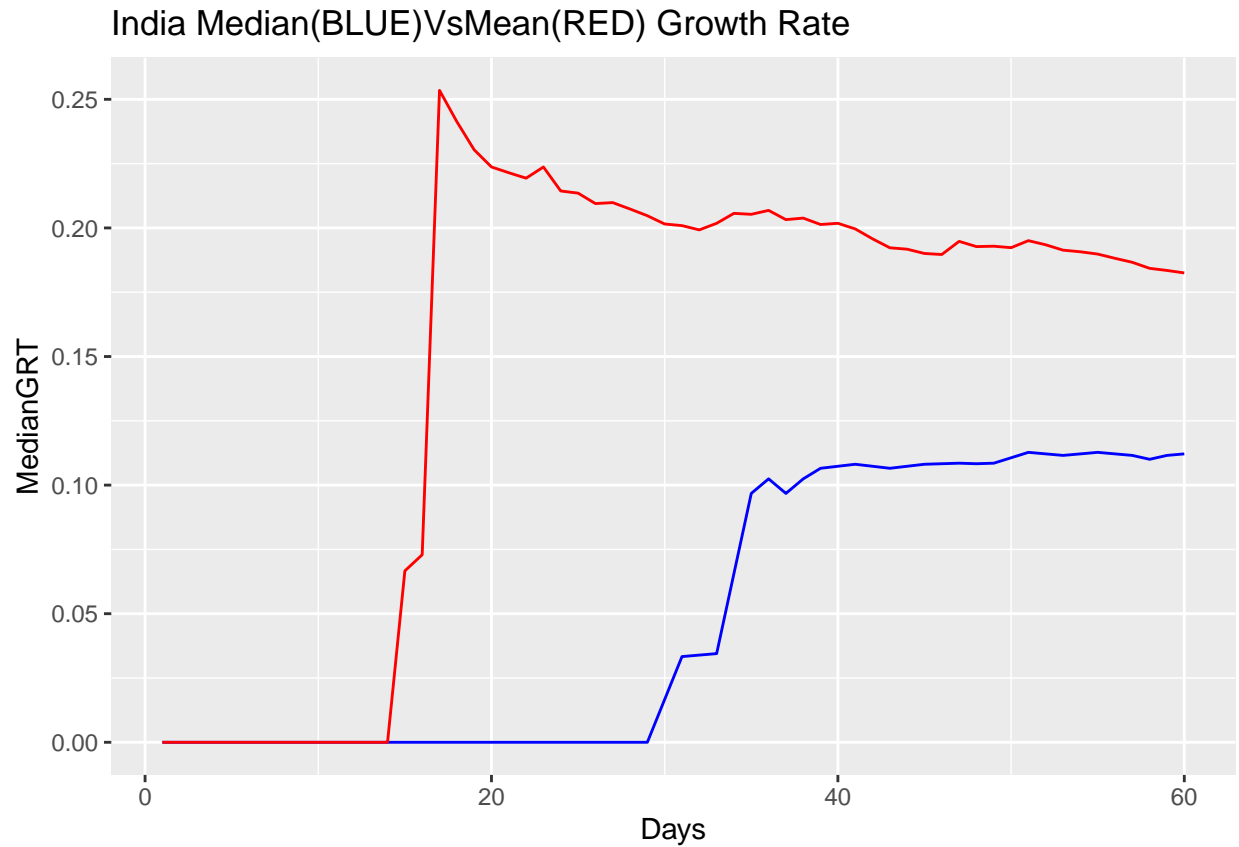






India: TotalDeaths/TotalCases





#### Results:

- Tomorrow's predicted case number is between  $1.3872809 \times 10^4$  and  $1.4568504 \times 10^4$  cases.
- Current doubling rate is **6 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **6 days**.
- Latest Observed Growth Rate **12.6039667** percent.
- Mean Growth Rate: **18.2508407** percent.
- Median Growth Rate: **11.2146261** percent.
- Standard deviation: +/- **41.7316199**.