

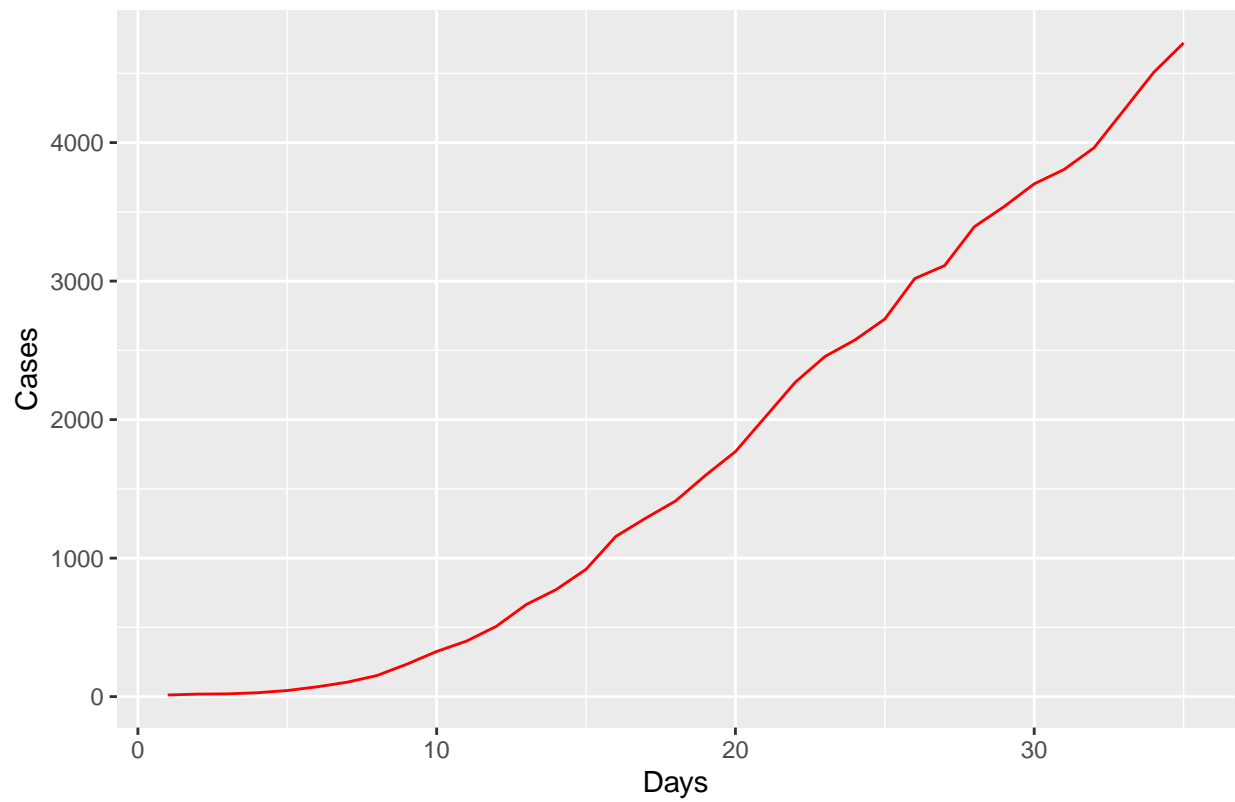
# Arizona/US/India Corona Trends- 18th April 2020 with tomorrow's prediction

Whitchurch Muthumani

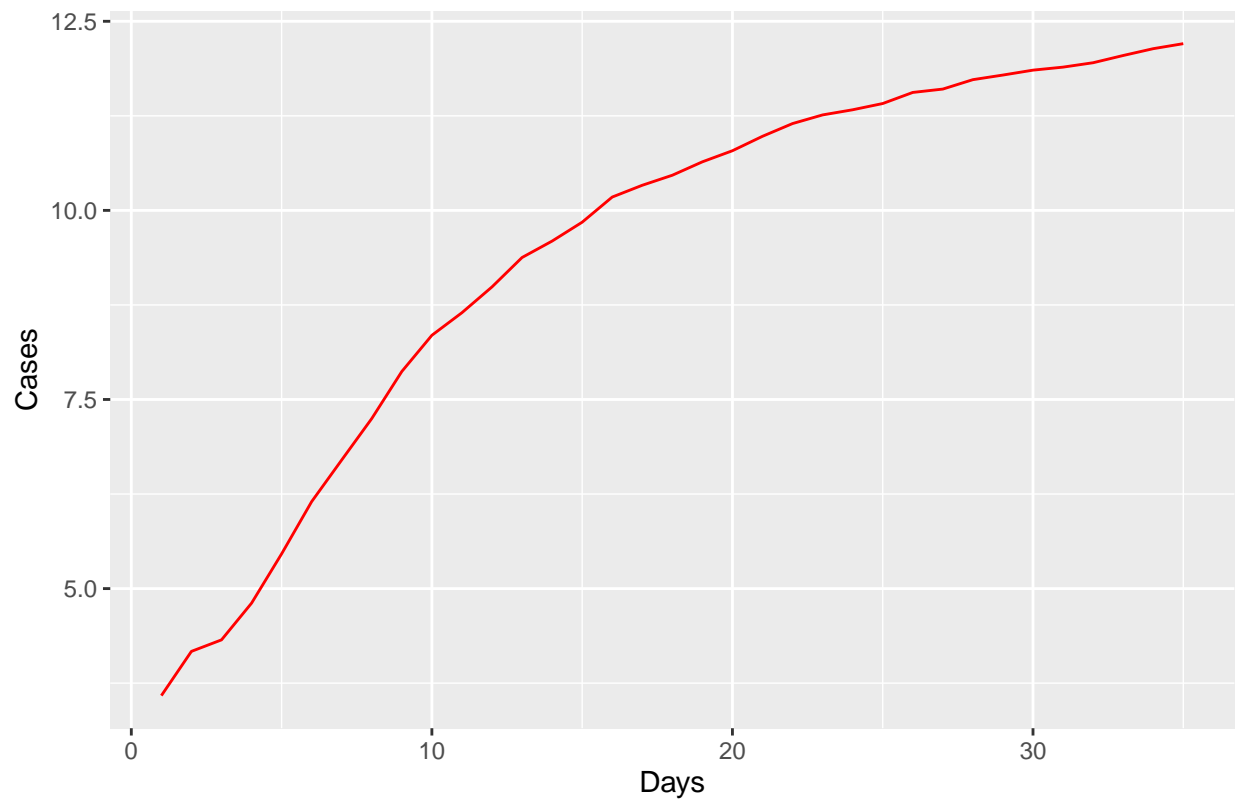
4/18/2020

## Arizona Corona Dashboard

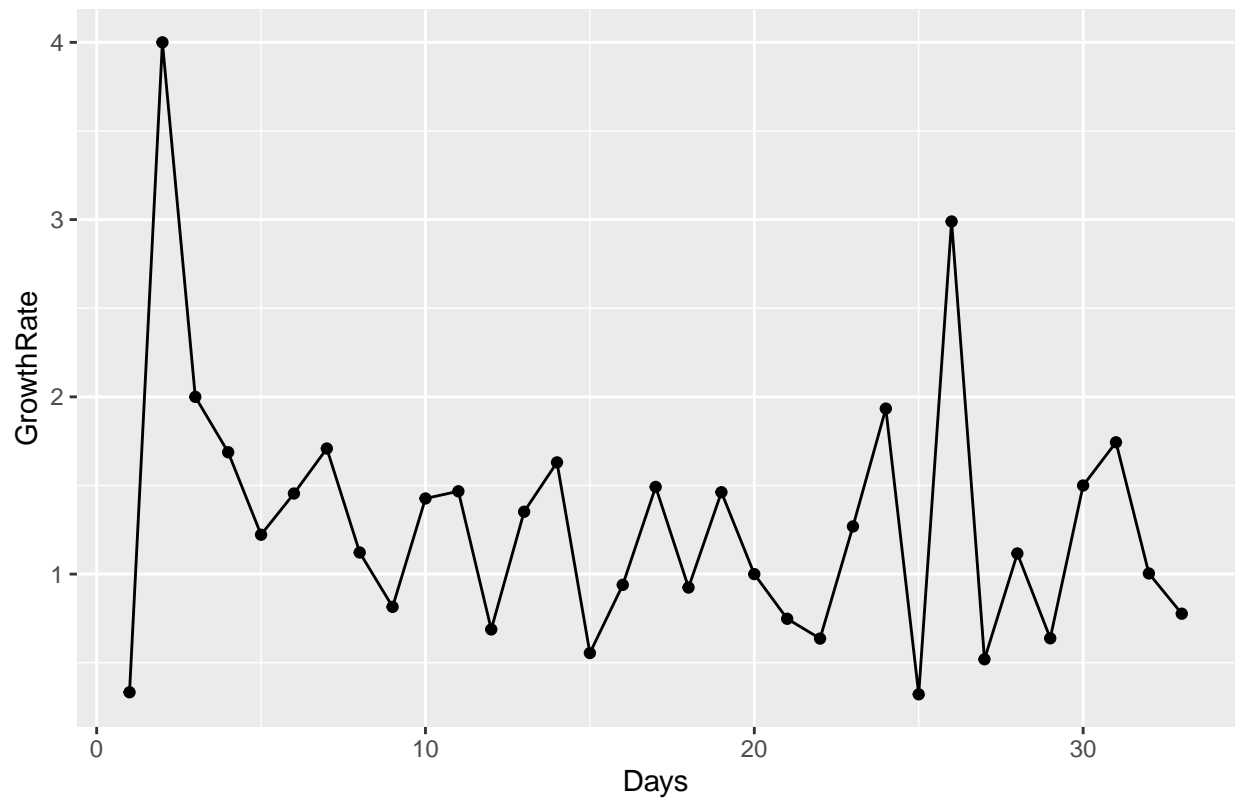
### Arizona: Daily Cases

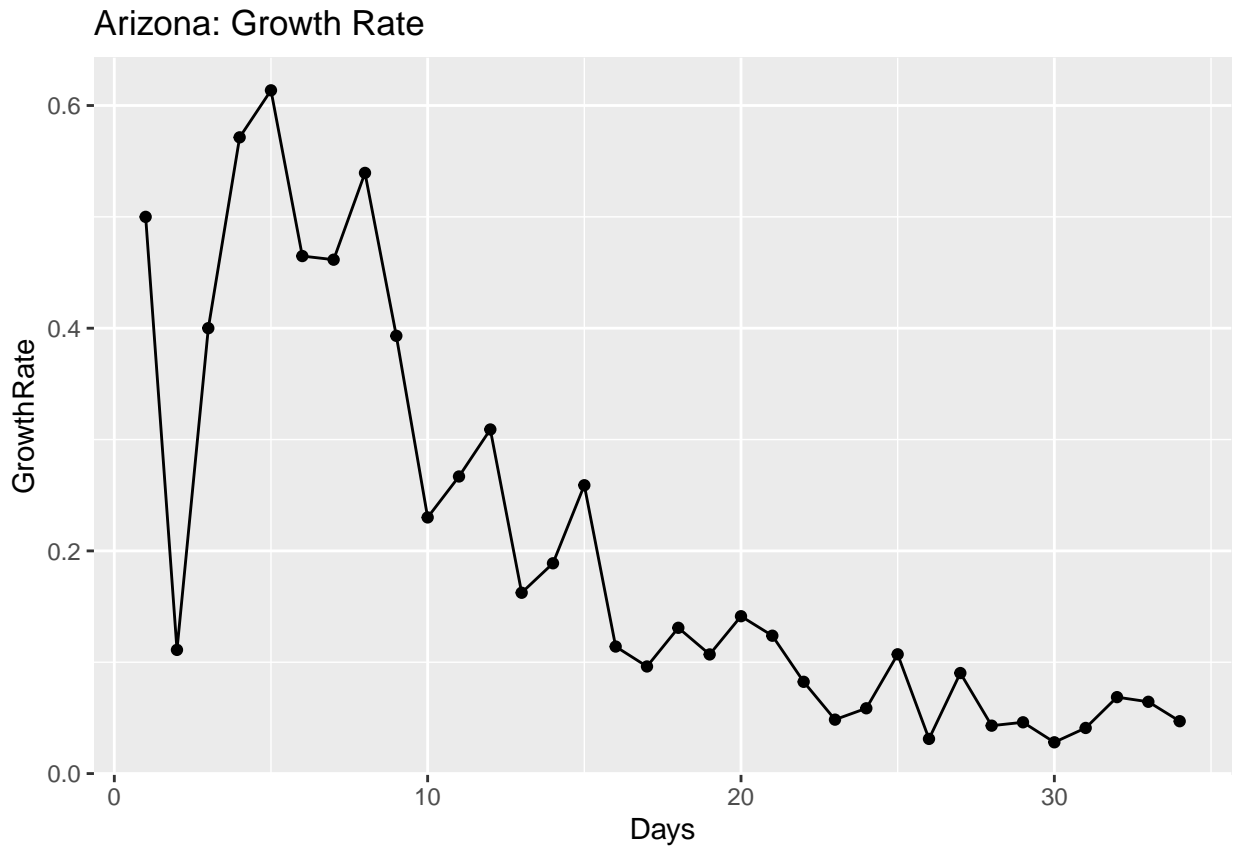


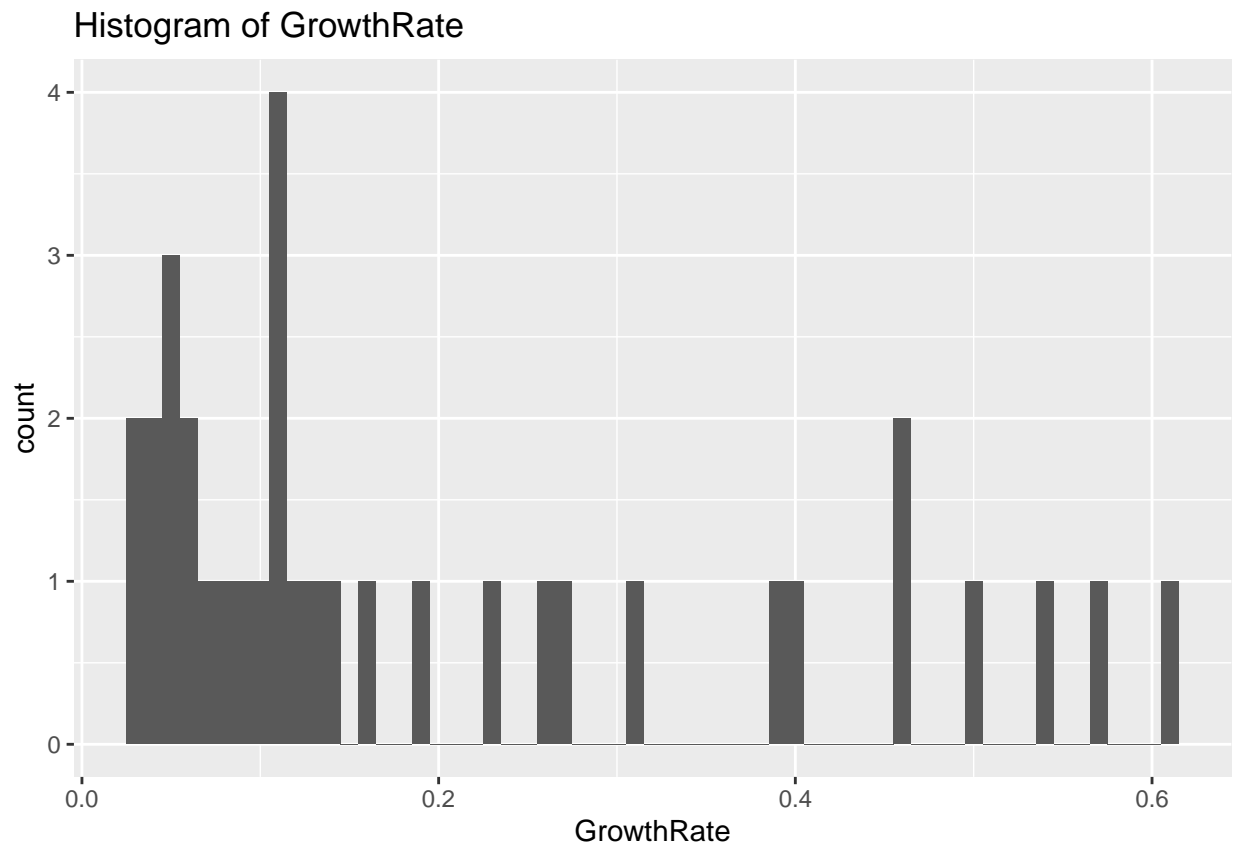
### Arizona: Daily Cases

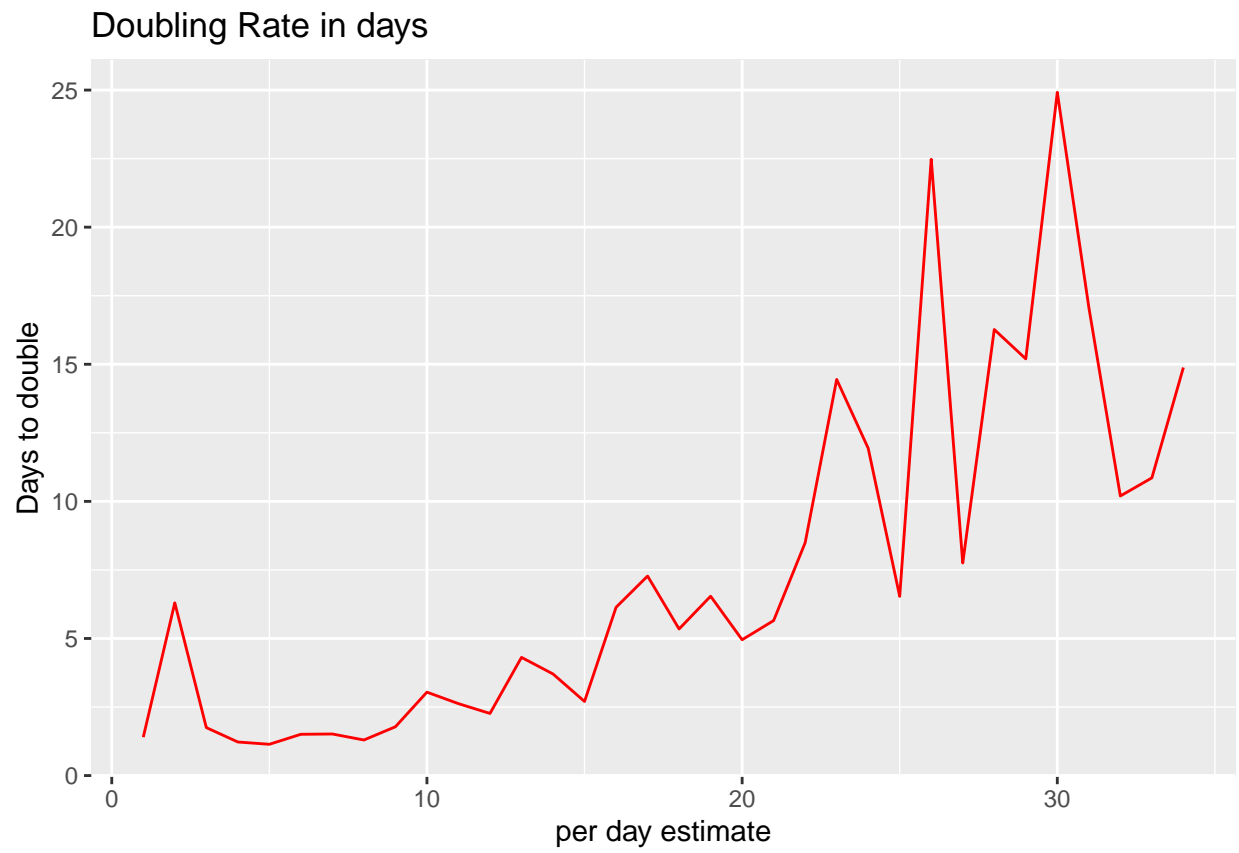


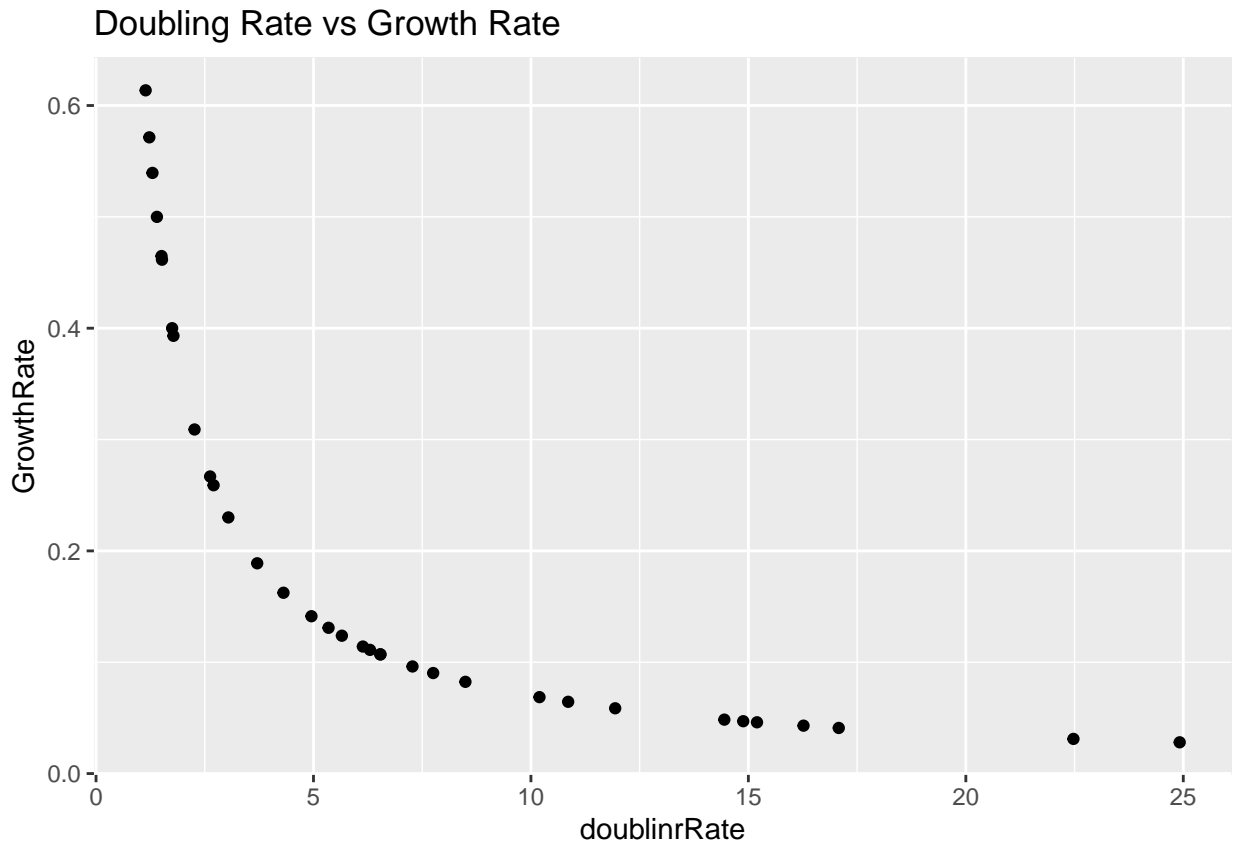
Arizona: Rate of change in Growth Rate

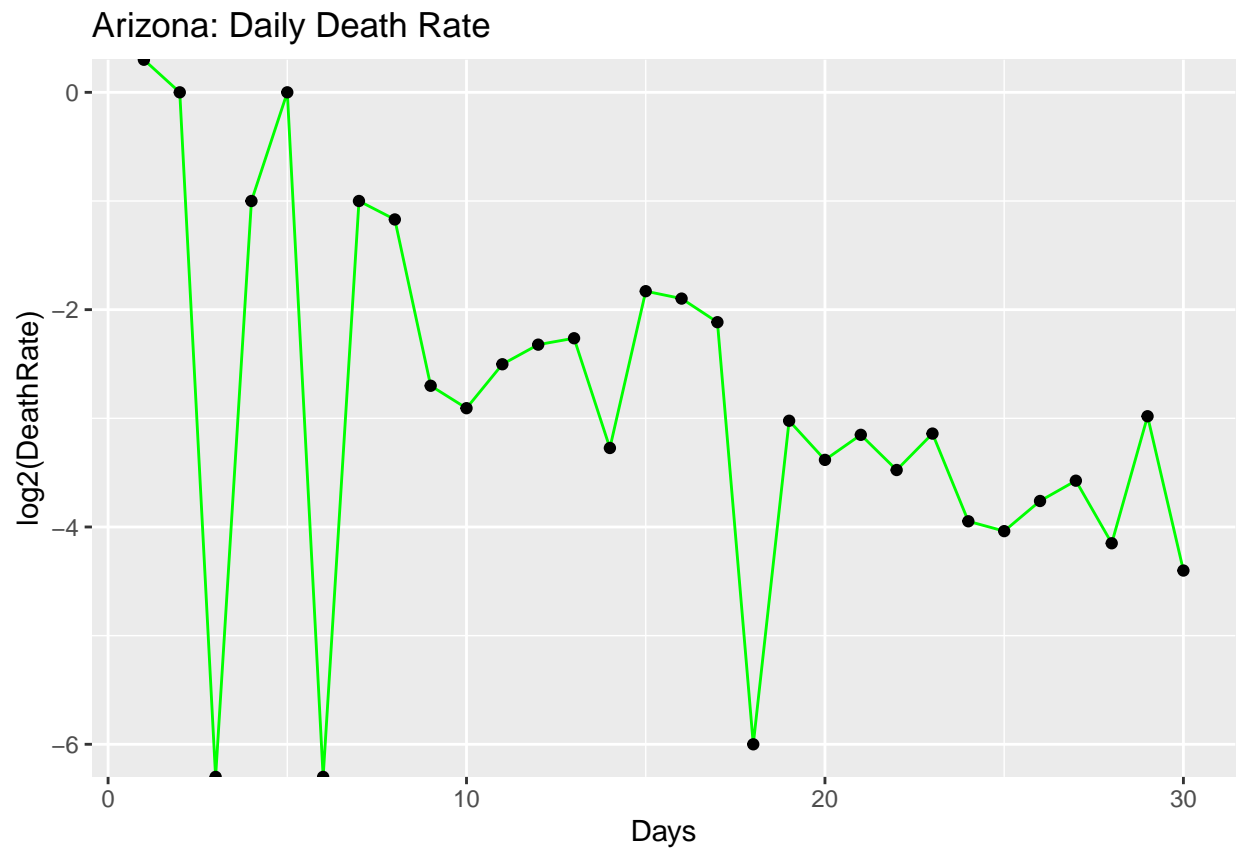




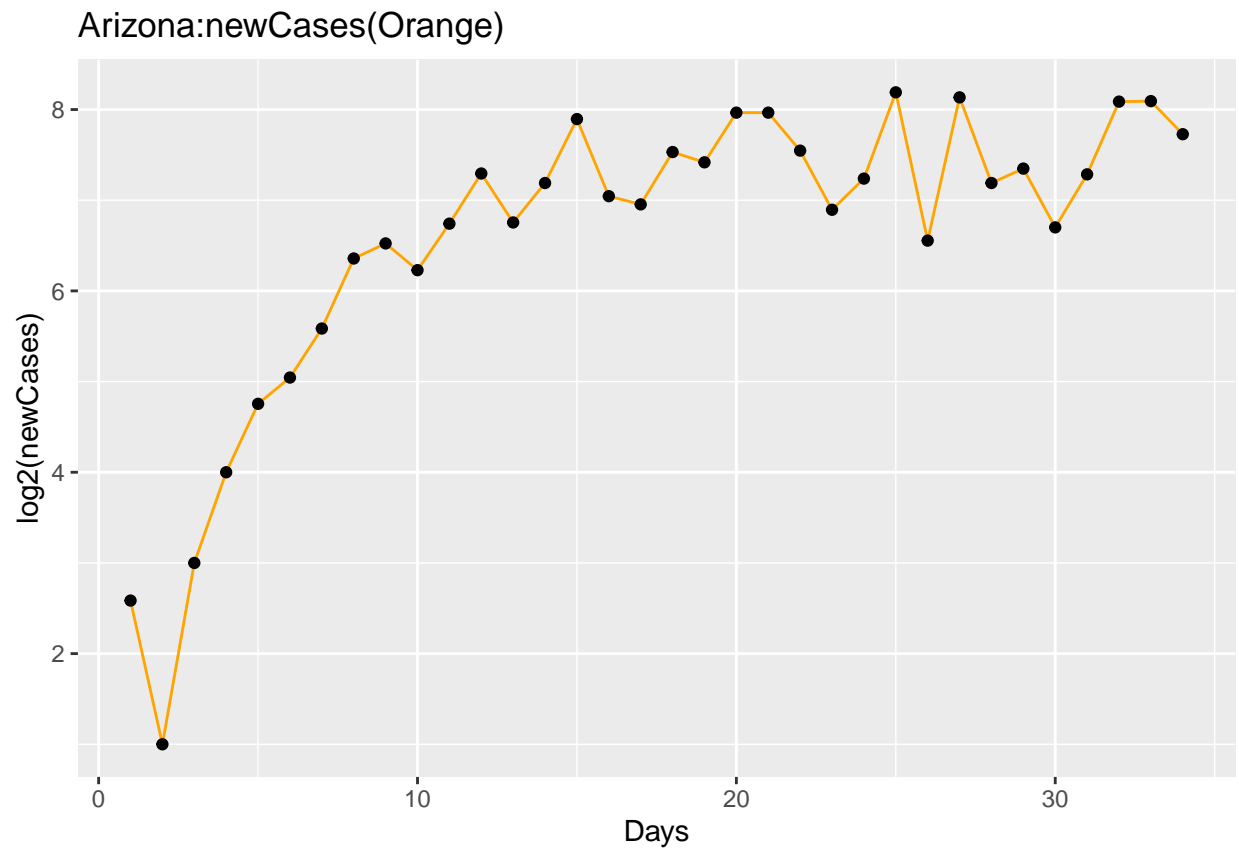




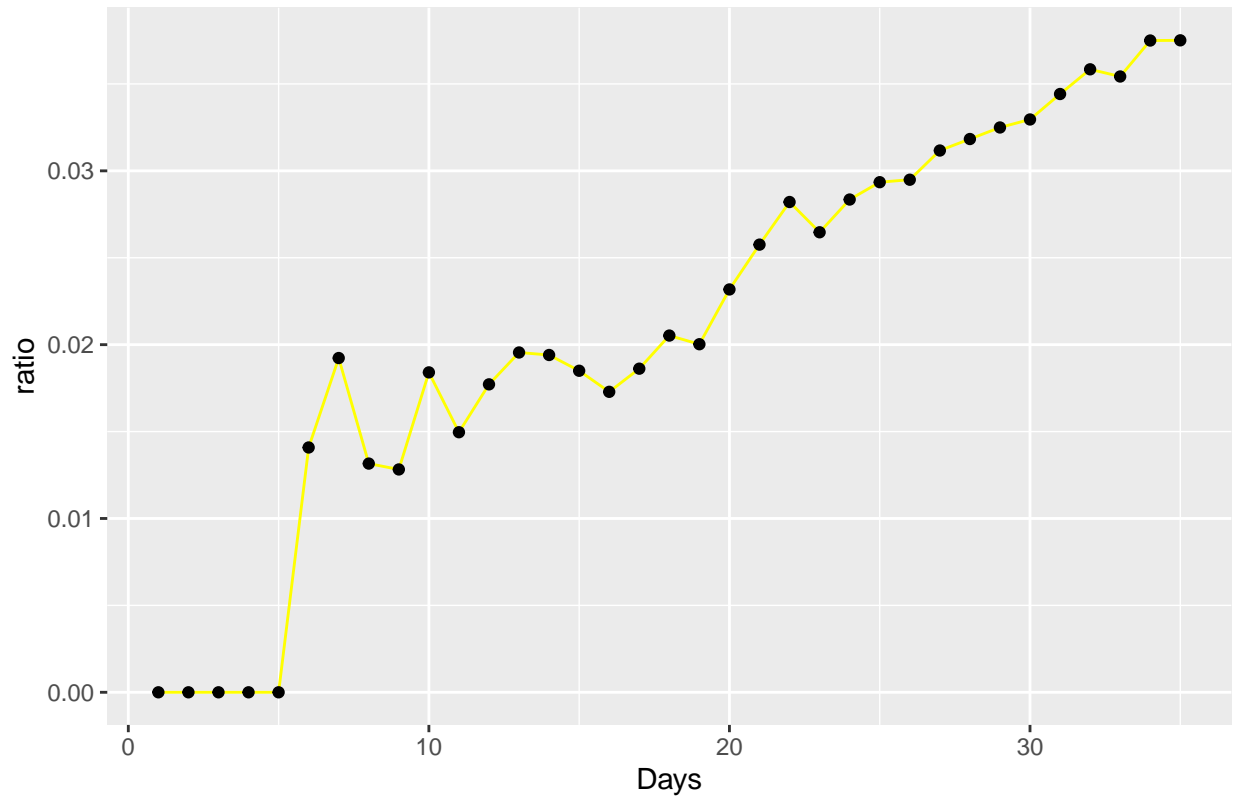


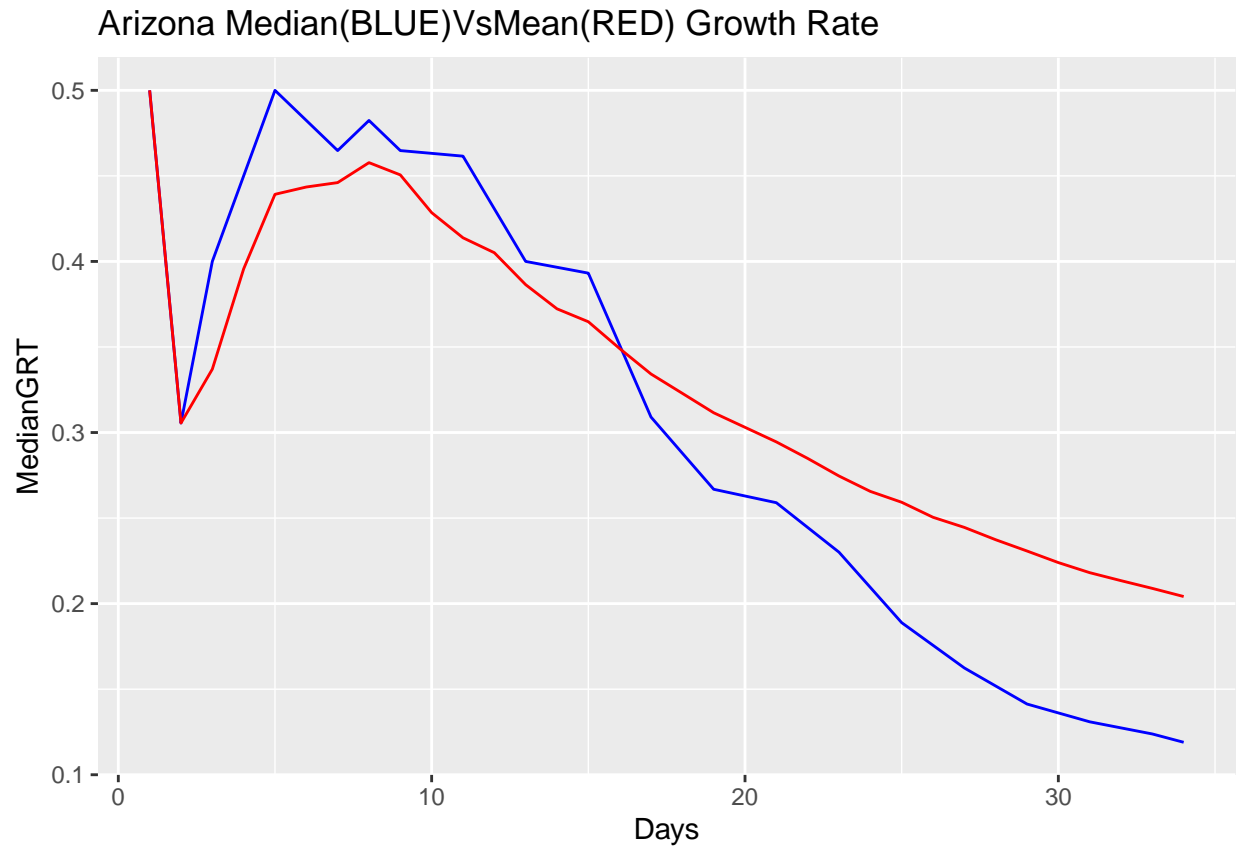






Arizona: TotalDeaths/TotalCases



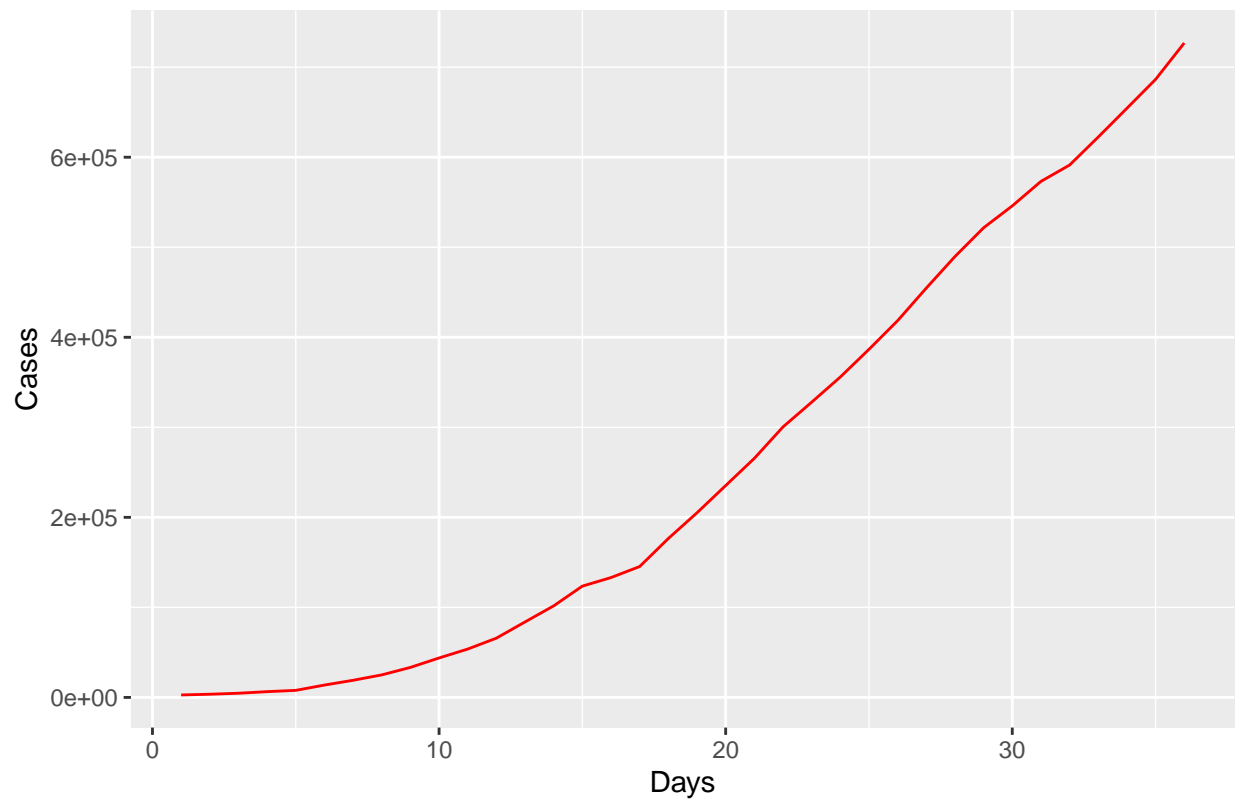


#### Results:

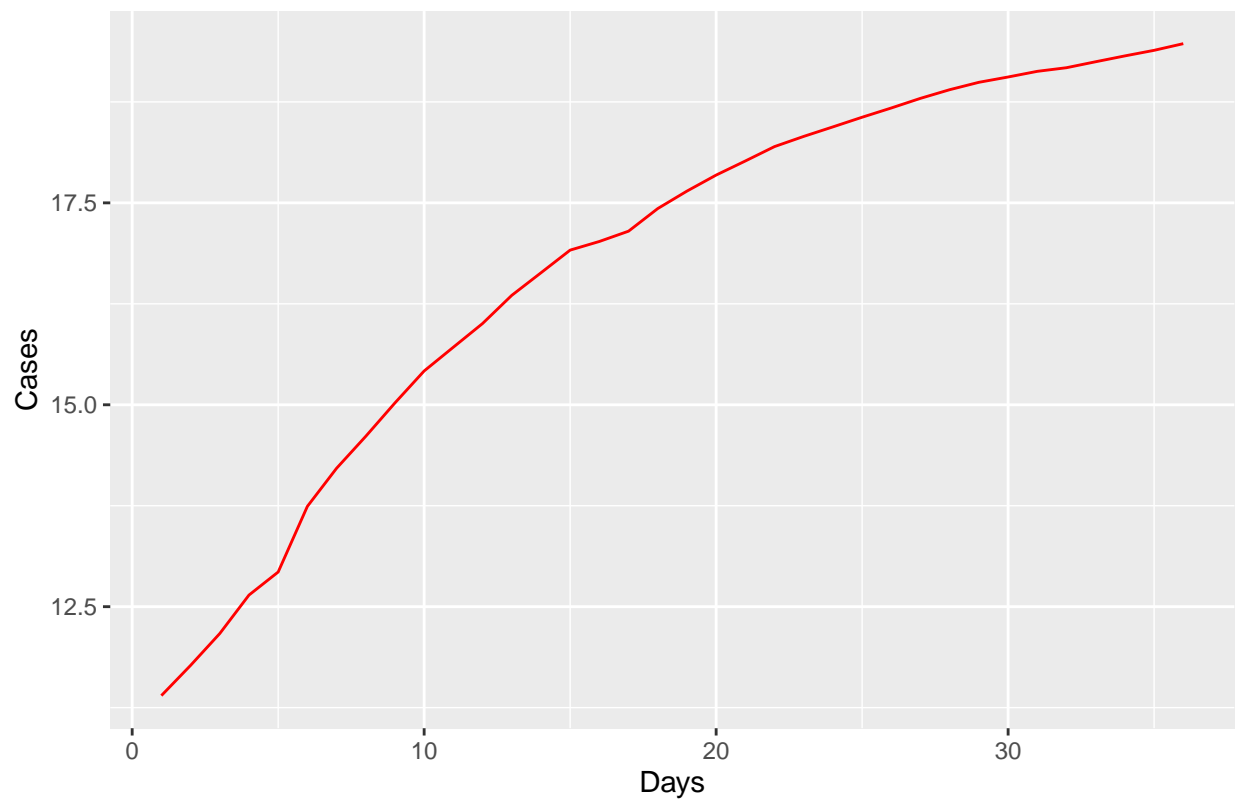
- Tomorrow's predicted case number is between **4940.9720435** and **5682.3866115** cases.
- Current doubling rate is **15 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **6 days**.
- Latest Observed Growth Rate **4.7037941** percent.
- Mean Growth Rate: **20.4150585** percent.
- Median Growth Rate: **11.8955917** percent.
- Standard deviation: +/- **17.9956003**.

## US Corona Dashboard

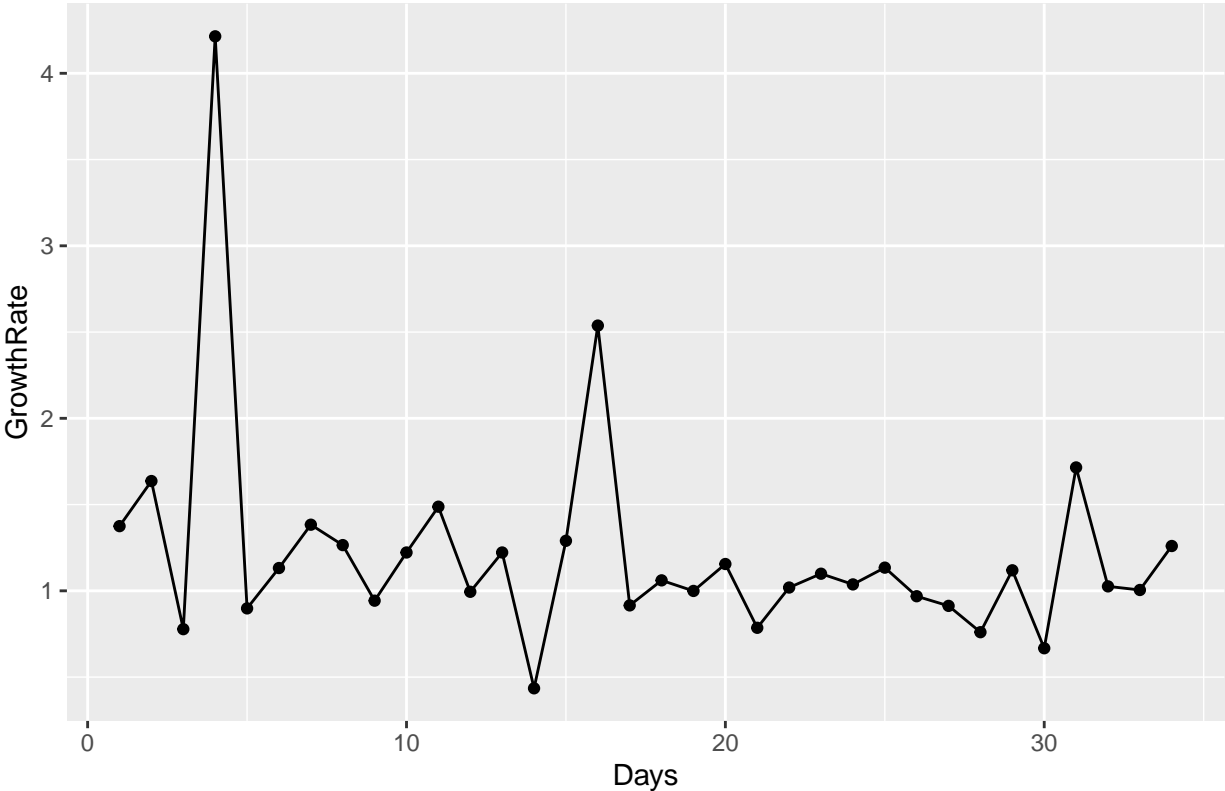
### US: Daily Cases



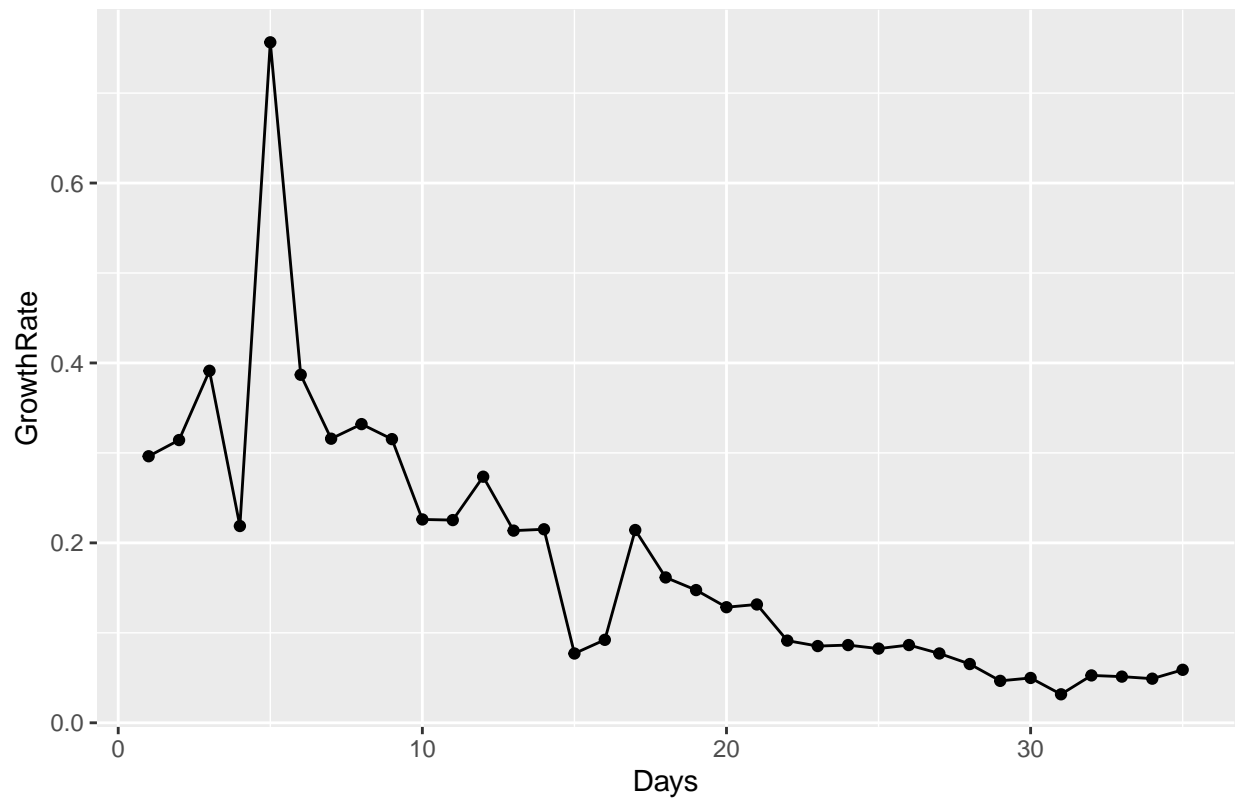
### US: Daily Cases

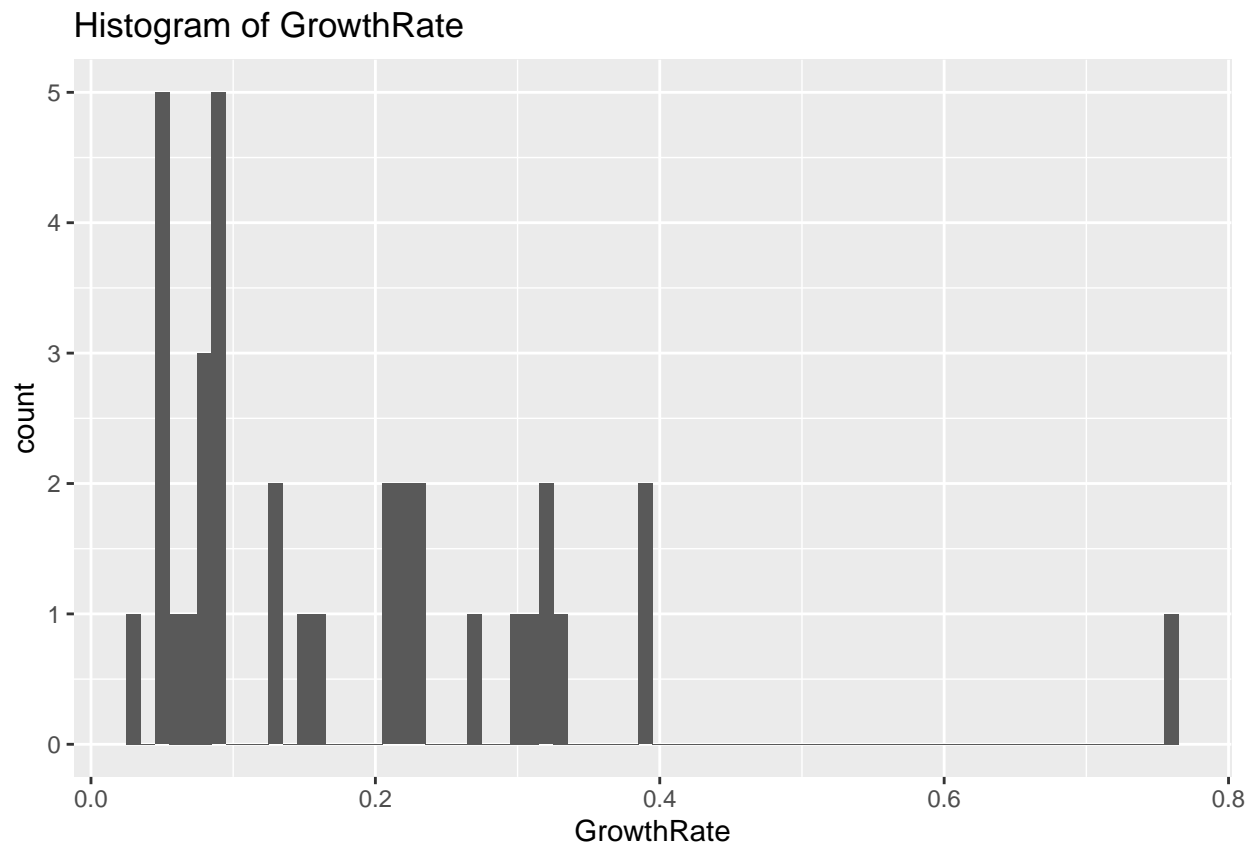


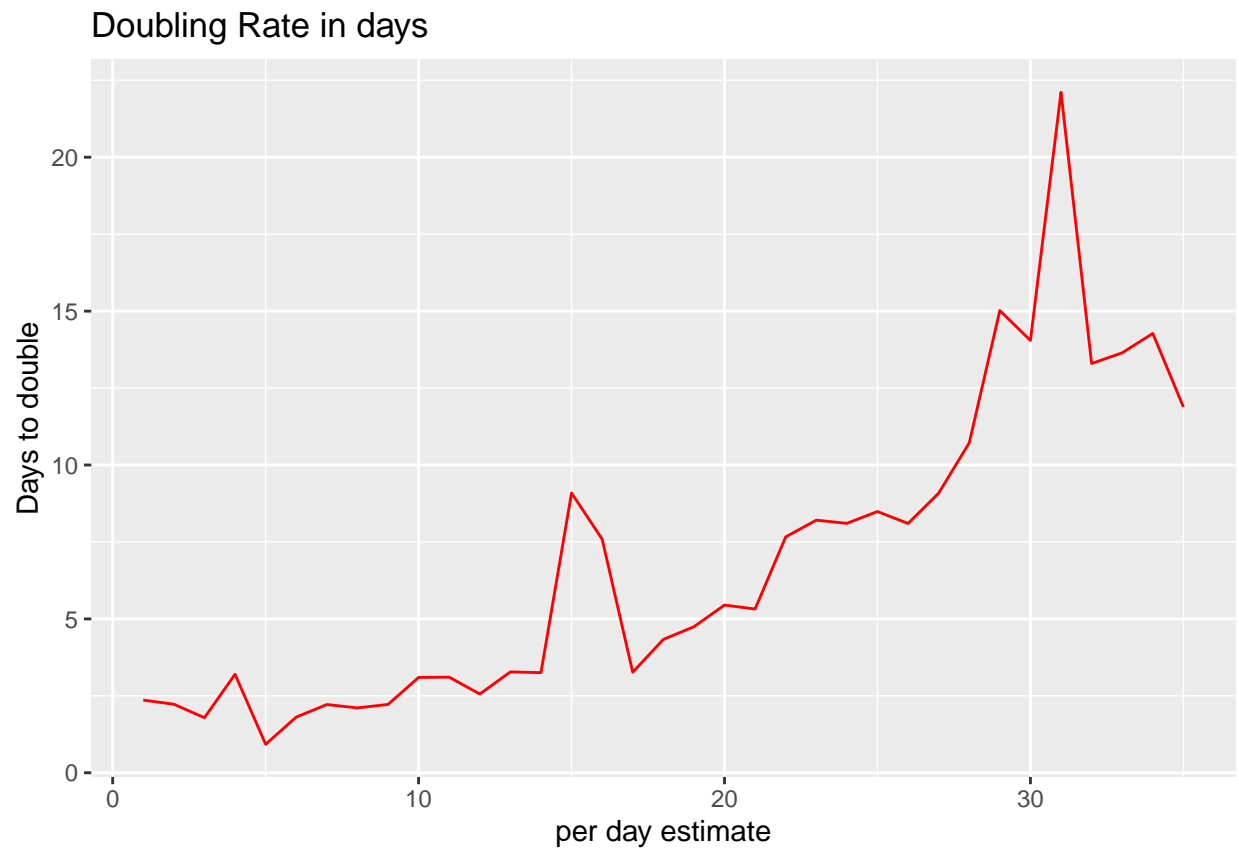
US: Rate of change in Growth Rate



US: Growth Rate

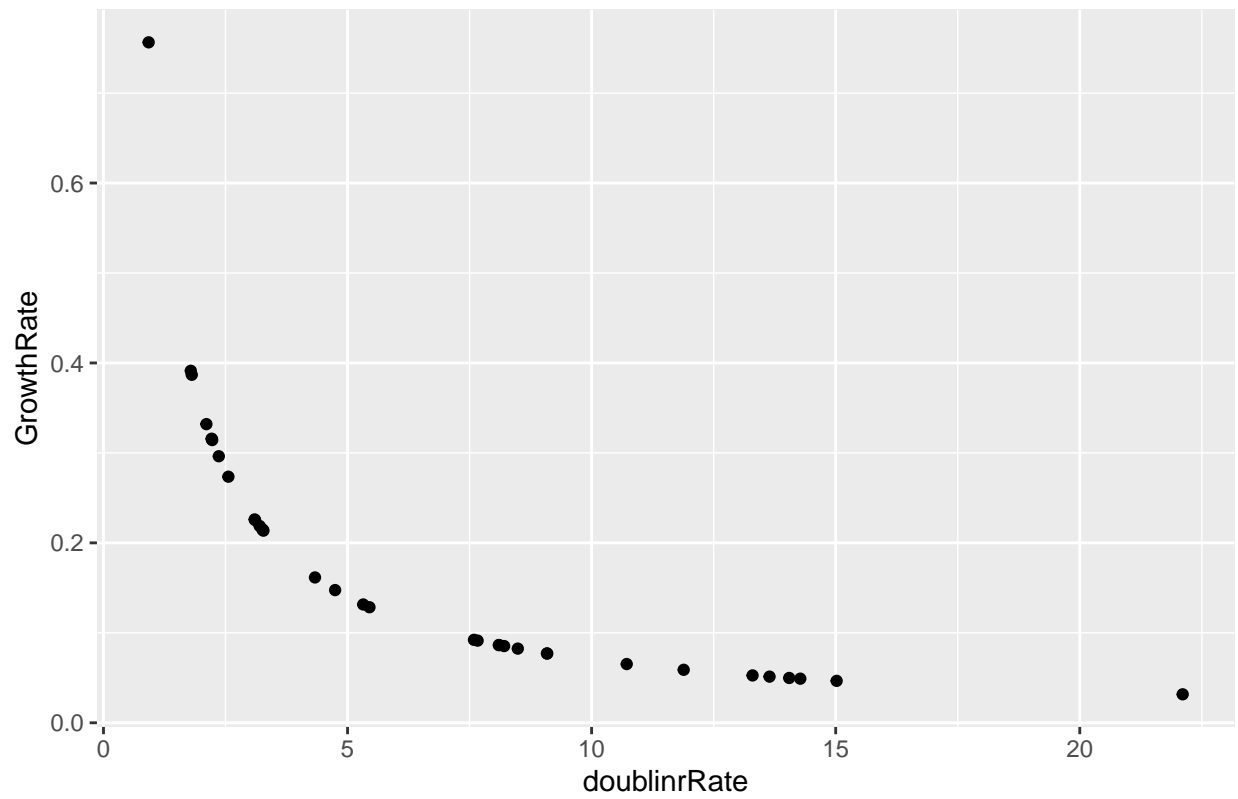




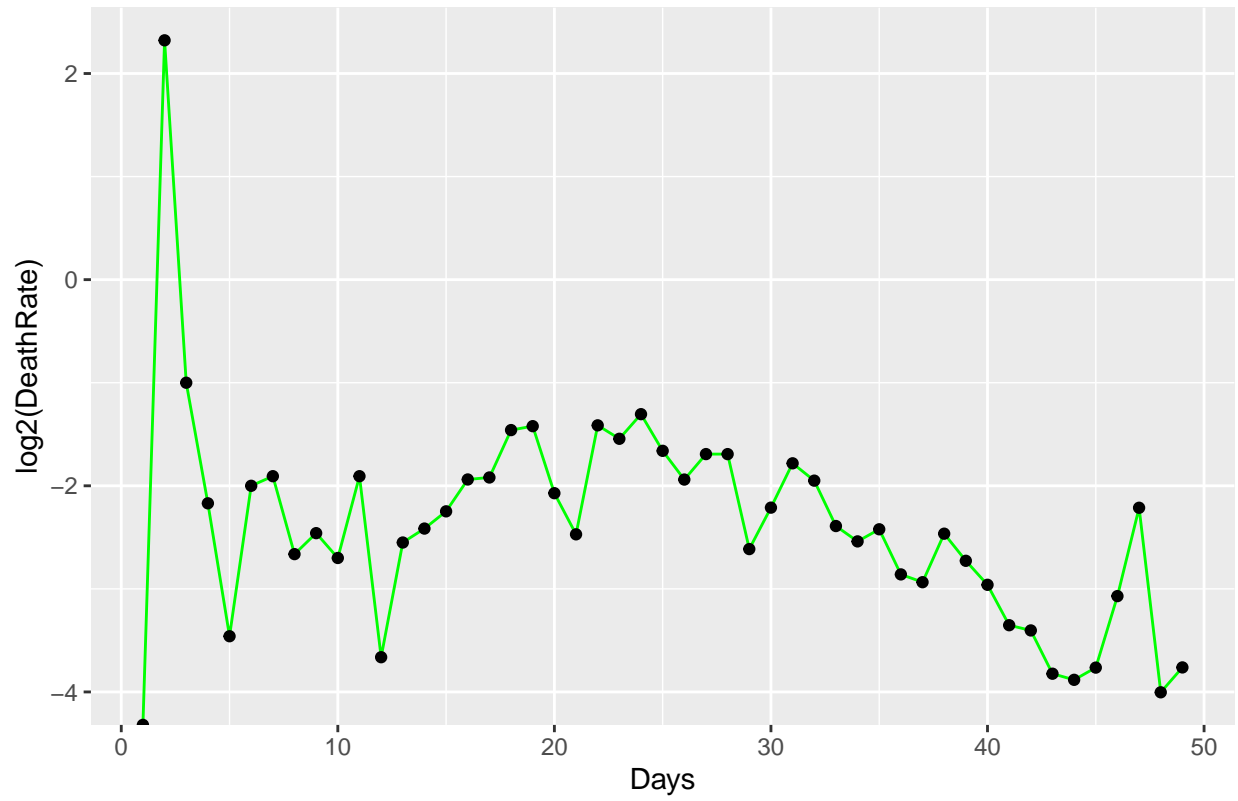


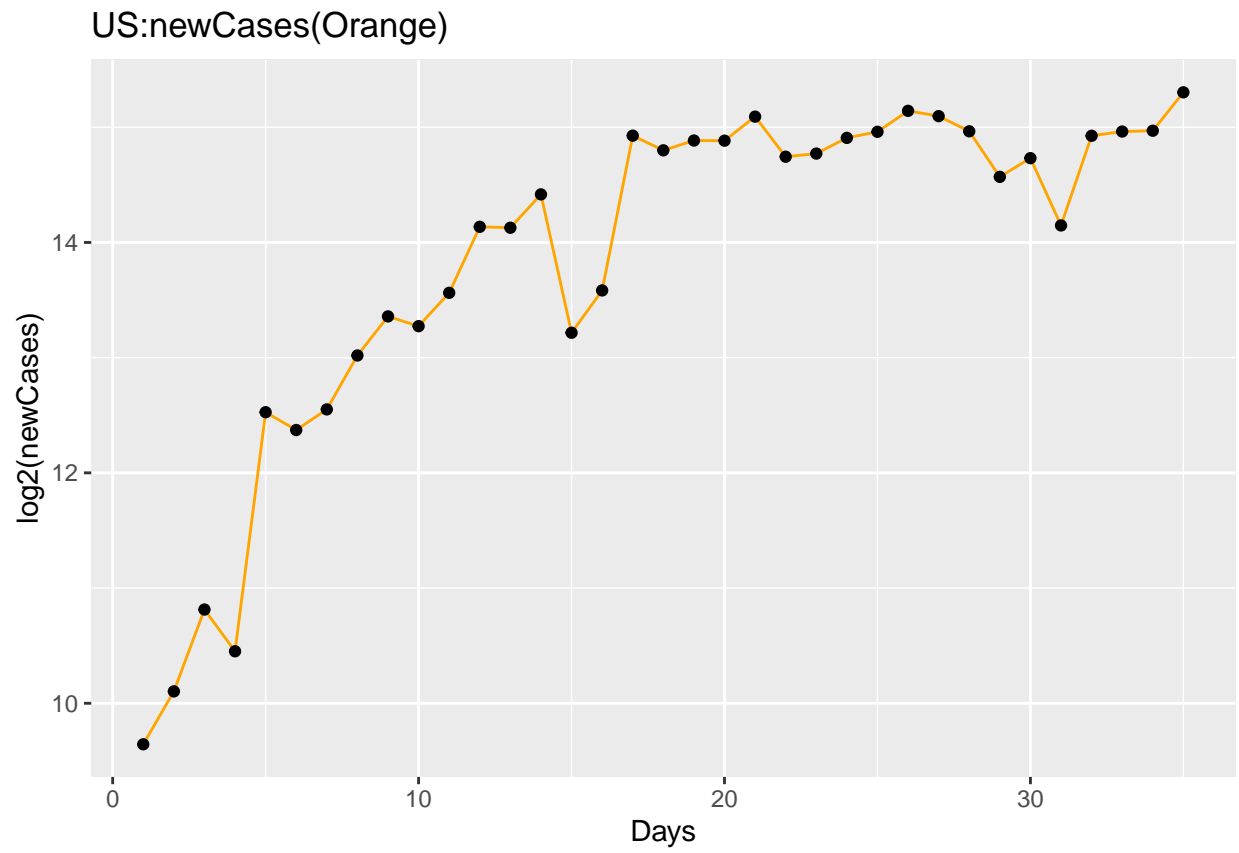


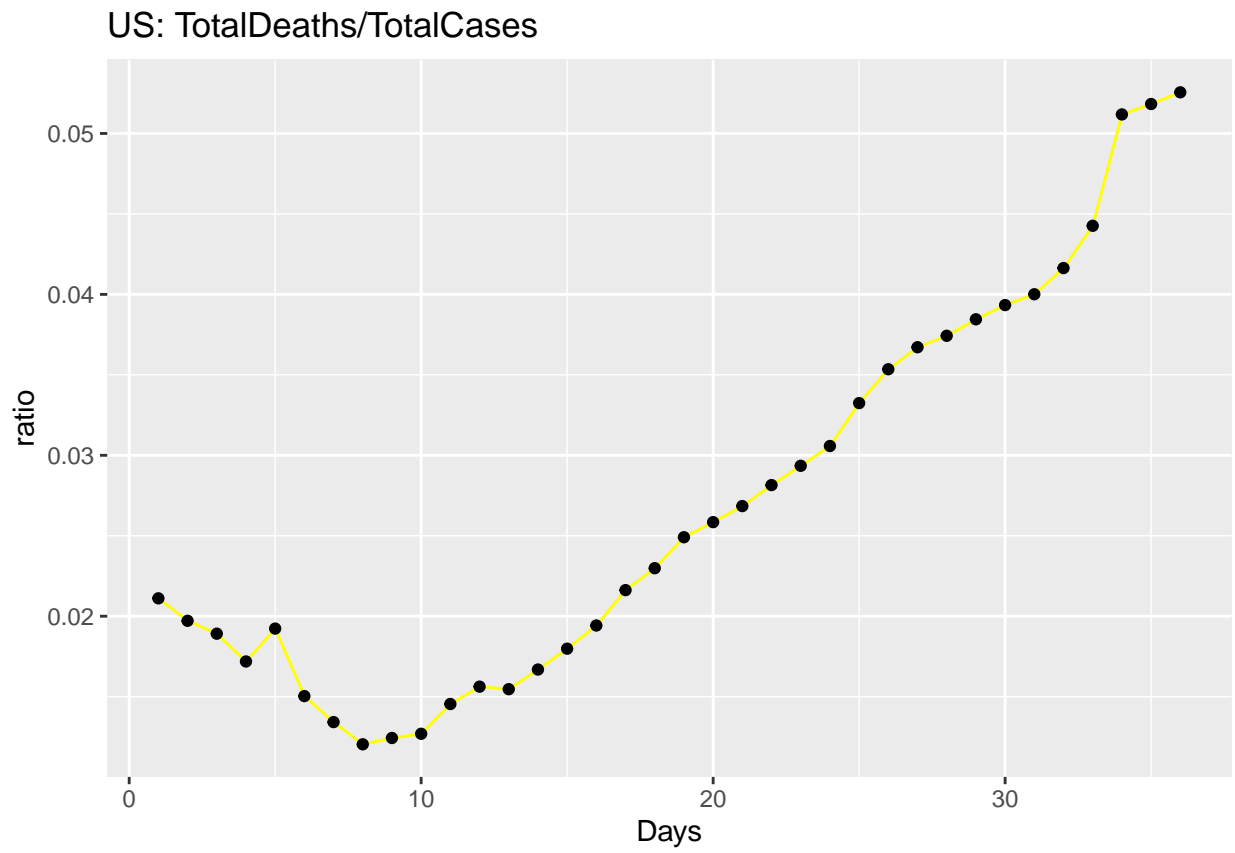
Doubling Rate vs Growth Rate

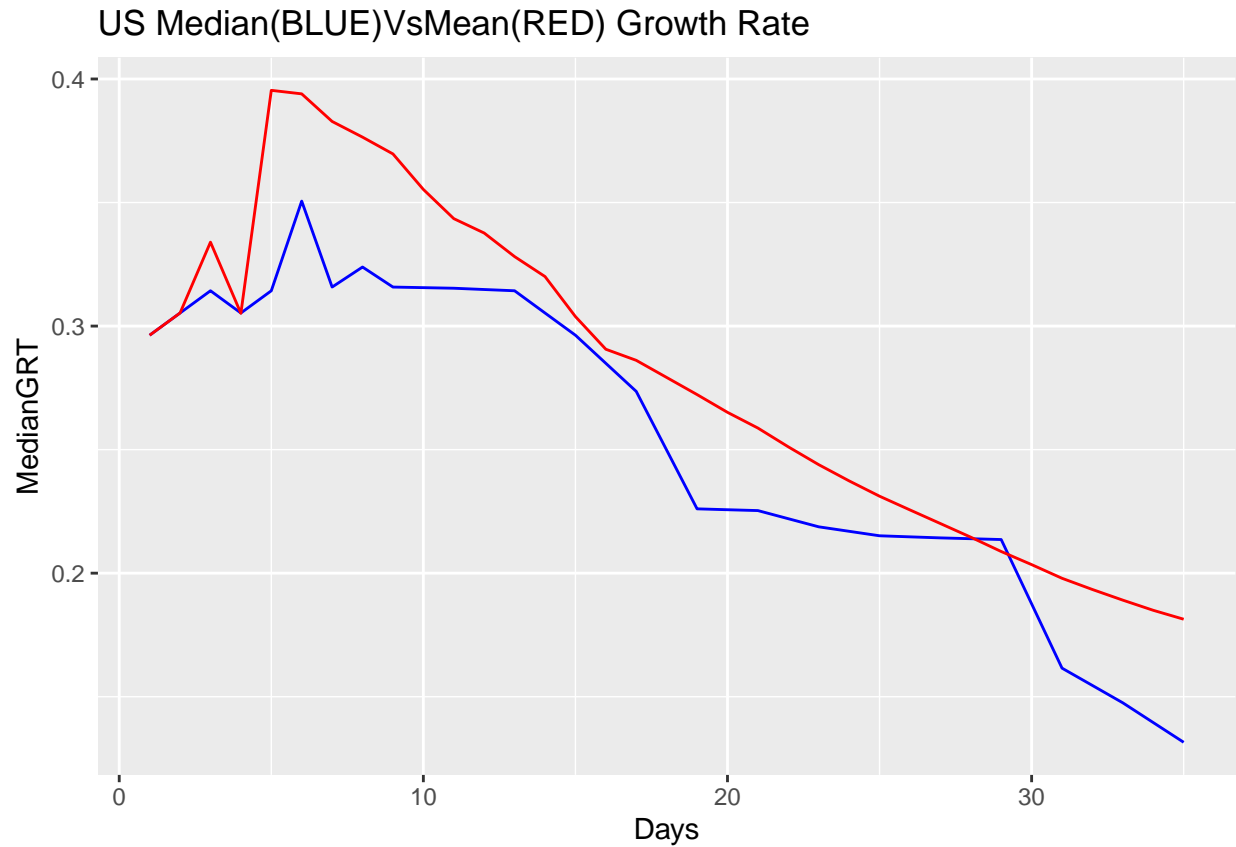


US: Daily Death Rate





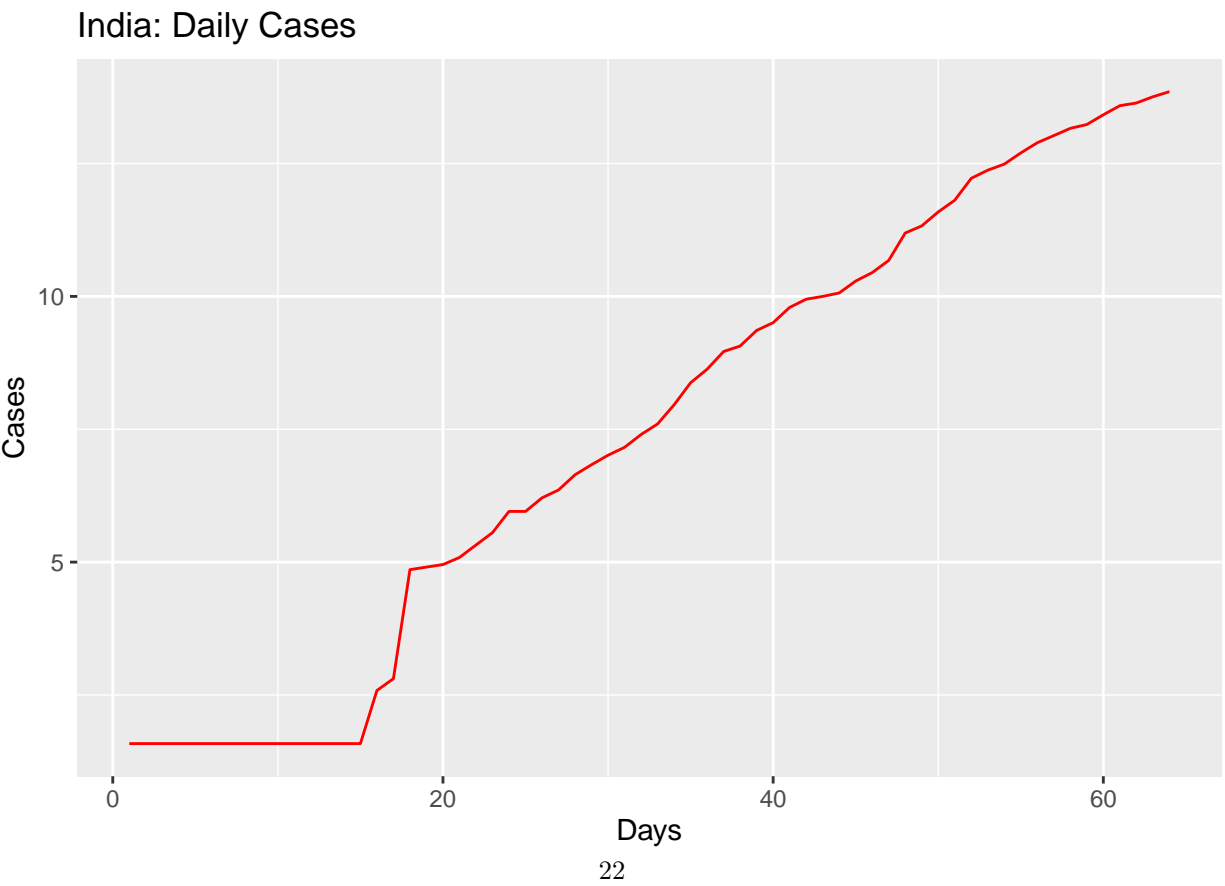
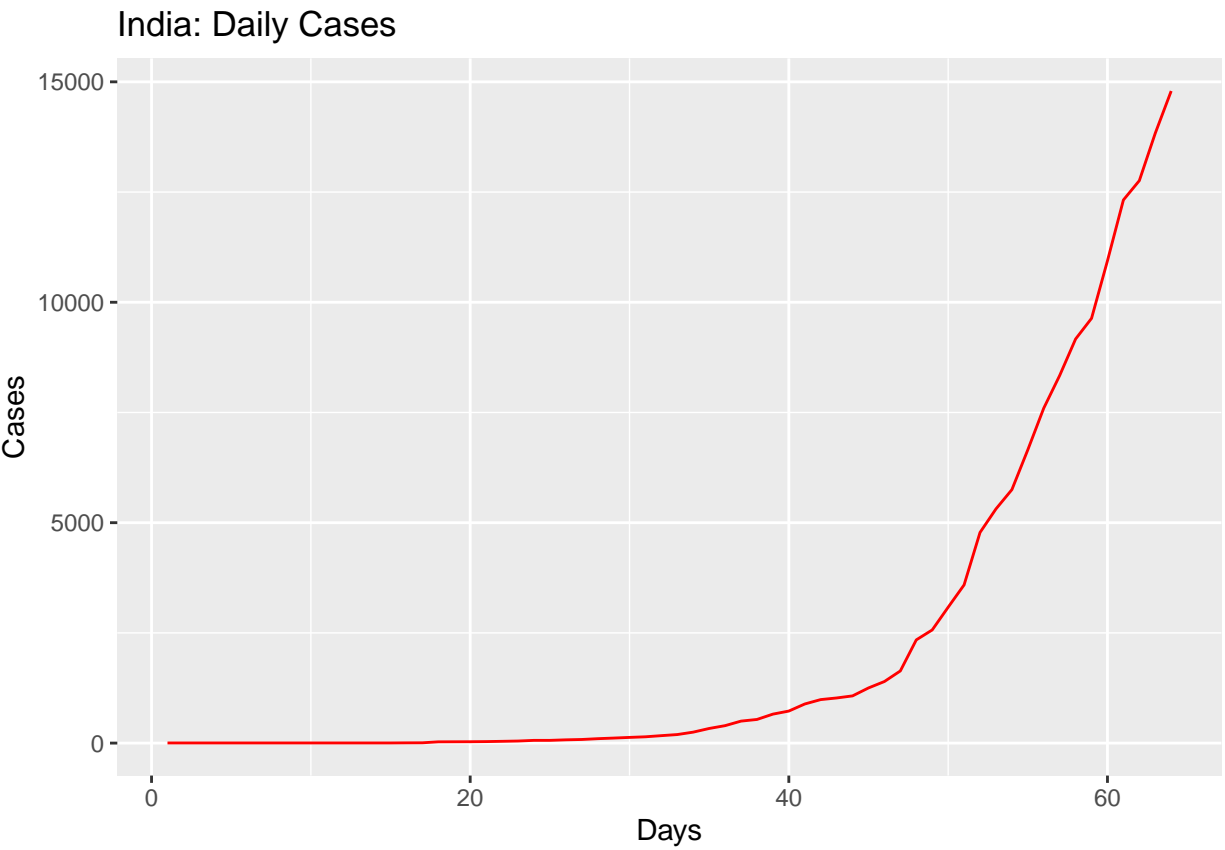




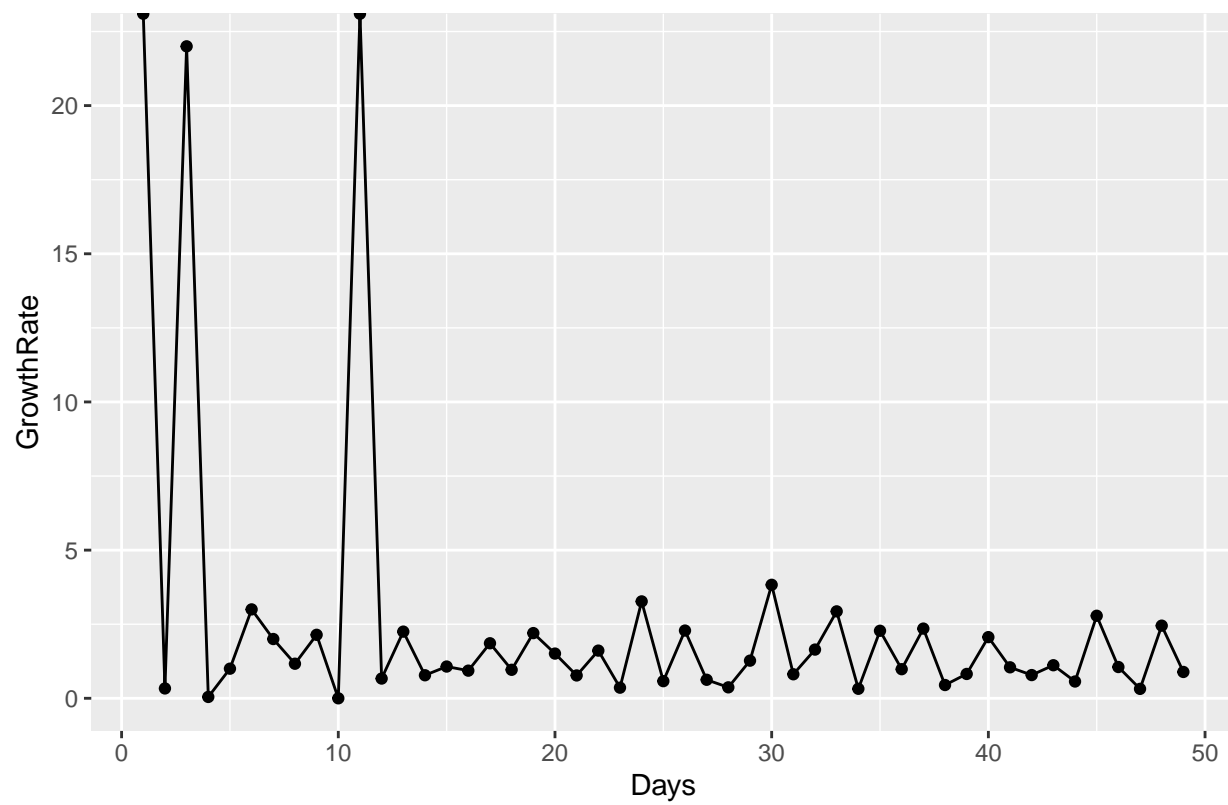
#### Results:

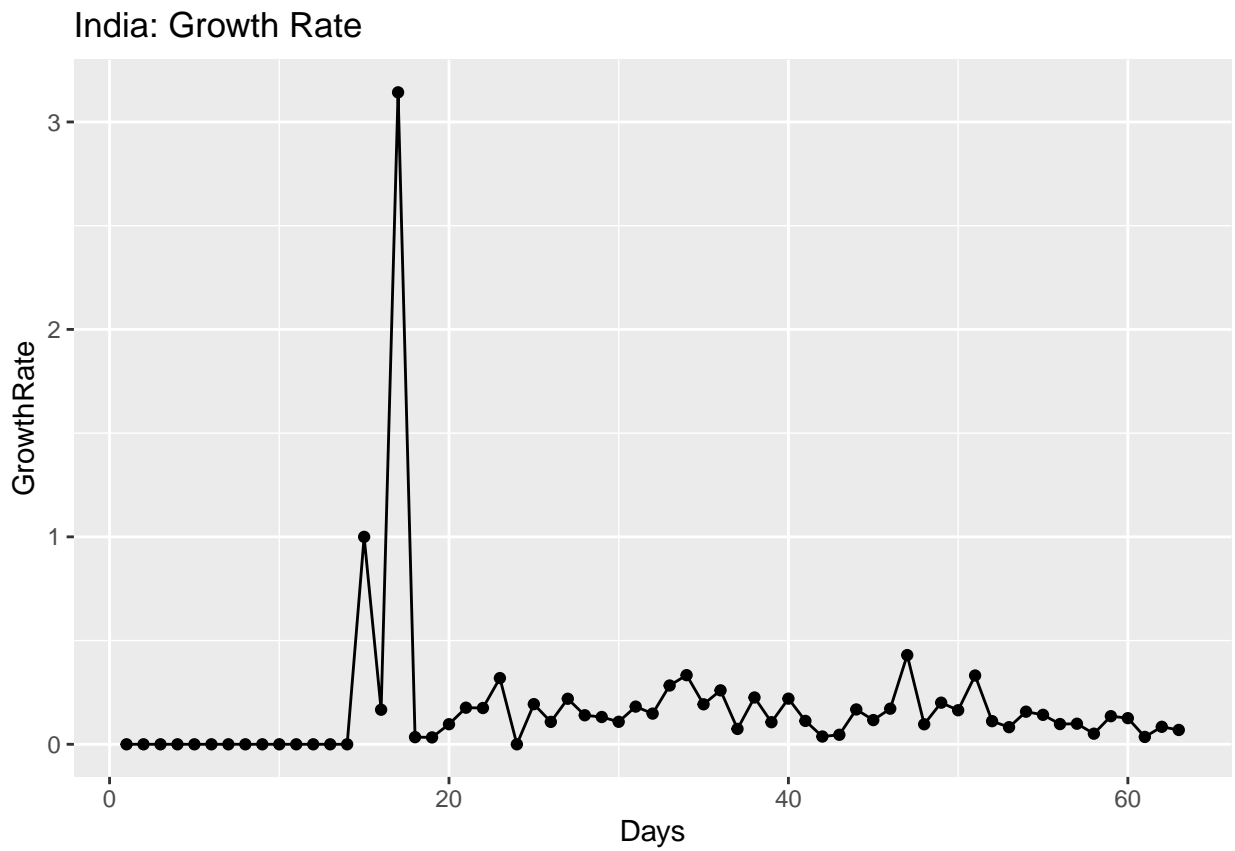
- Tomorrow's predicted case number is between  $7.6966169 \times 10^5$  and  $8.5867574 \times 10^5$  cases.
- Current doubling rate is **12 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **5 days**.
- Latest Observed Growth Rate **5.8891571** percent.
- Mean Growth Rate: **18.1356053** percent.
- Median Growth Rate: **13.154505** percent.
- Standard deviation: +/- **14.779496**.

India Corona Dashboard

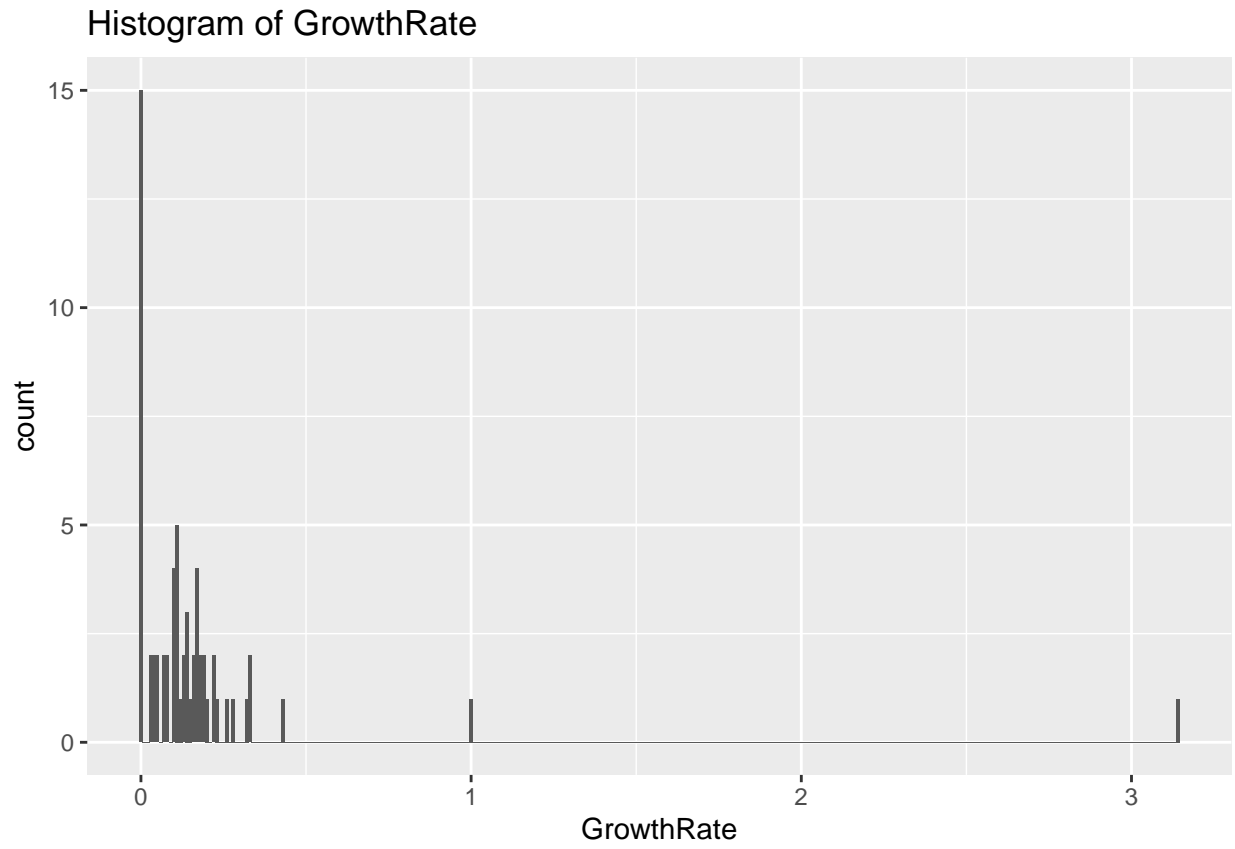


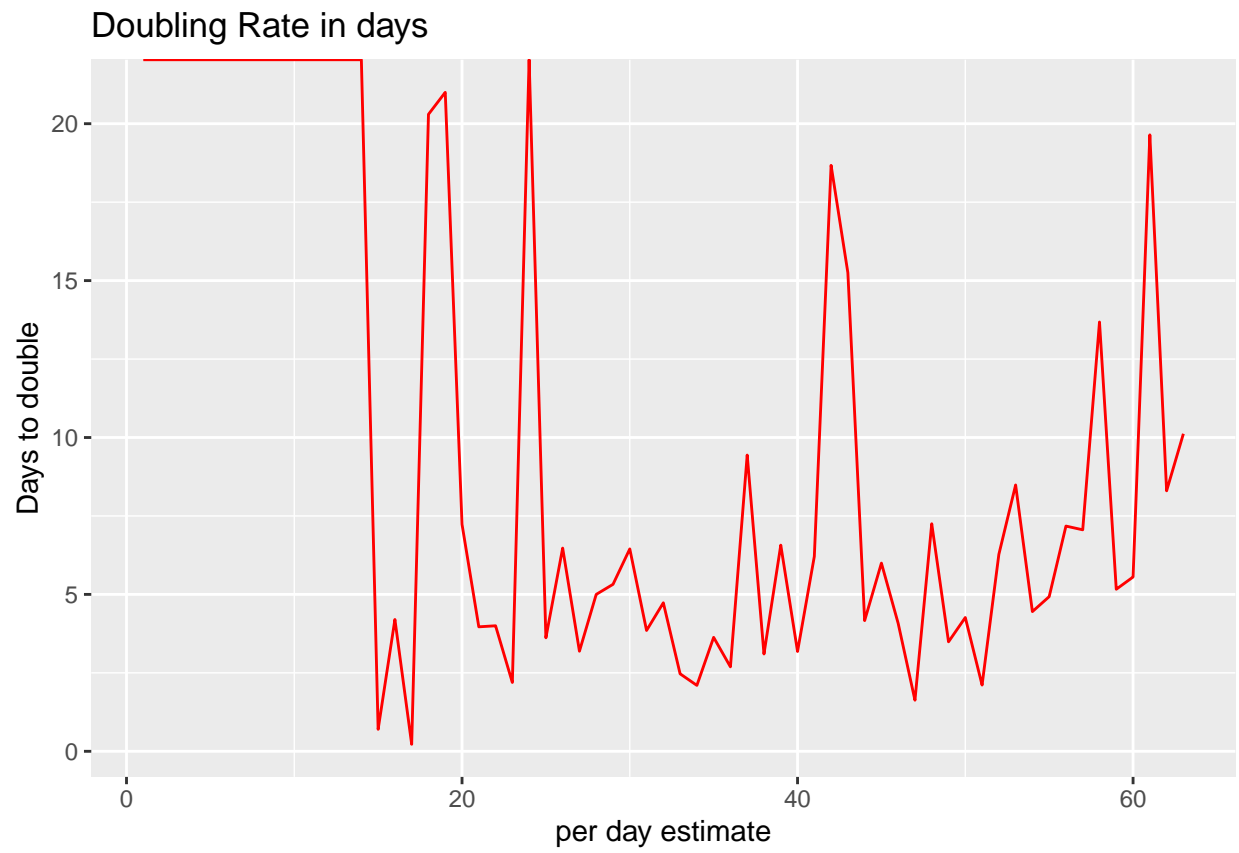
US: Rate of change in Growth Rate

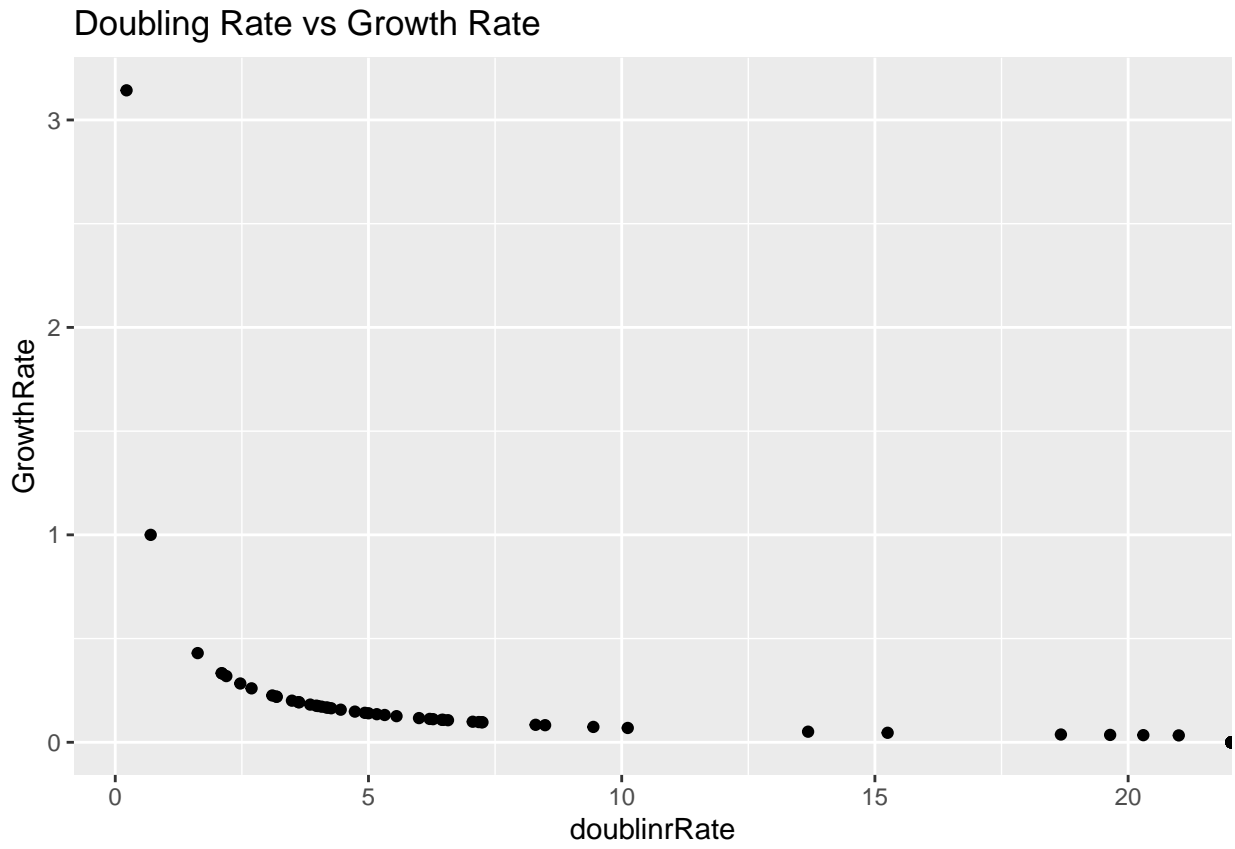


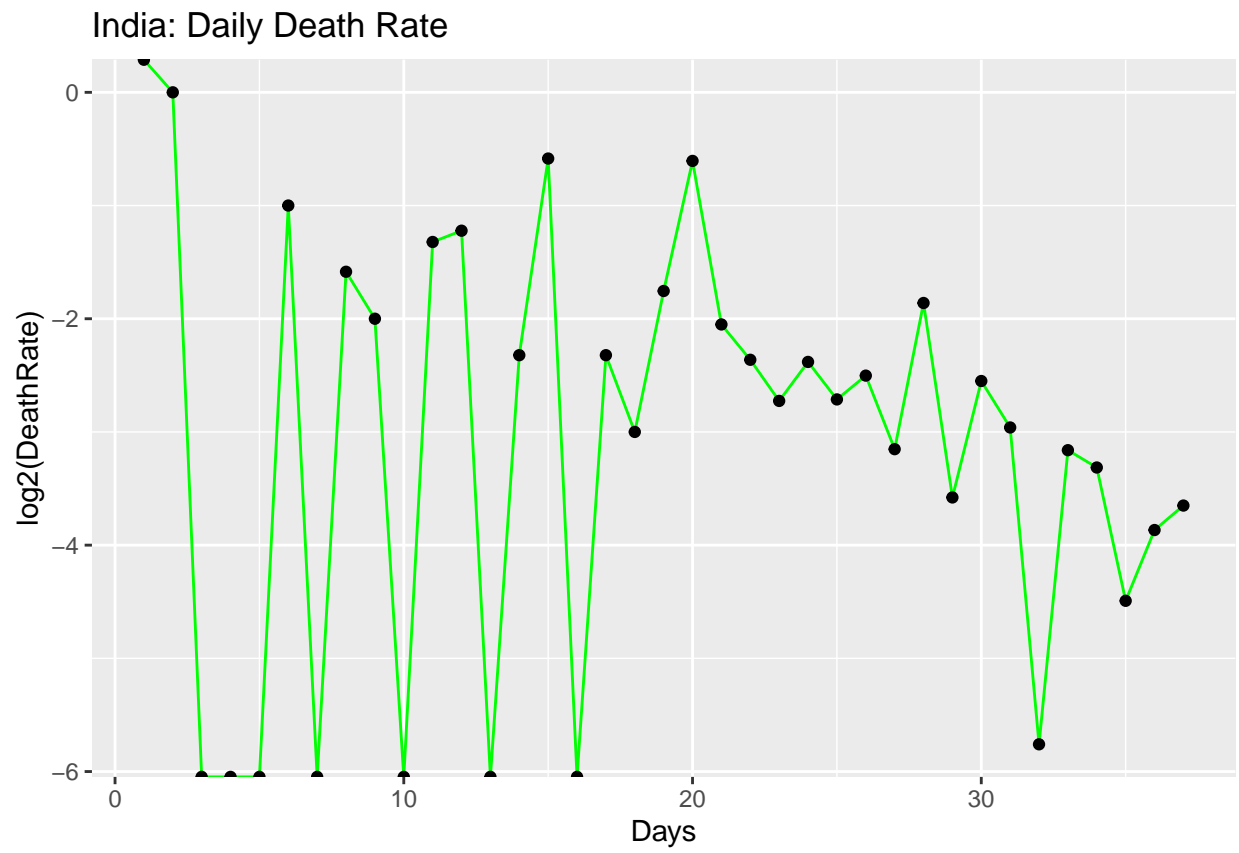


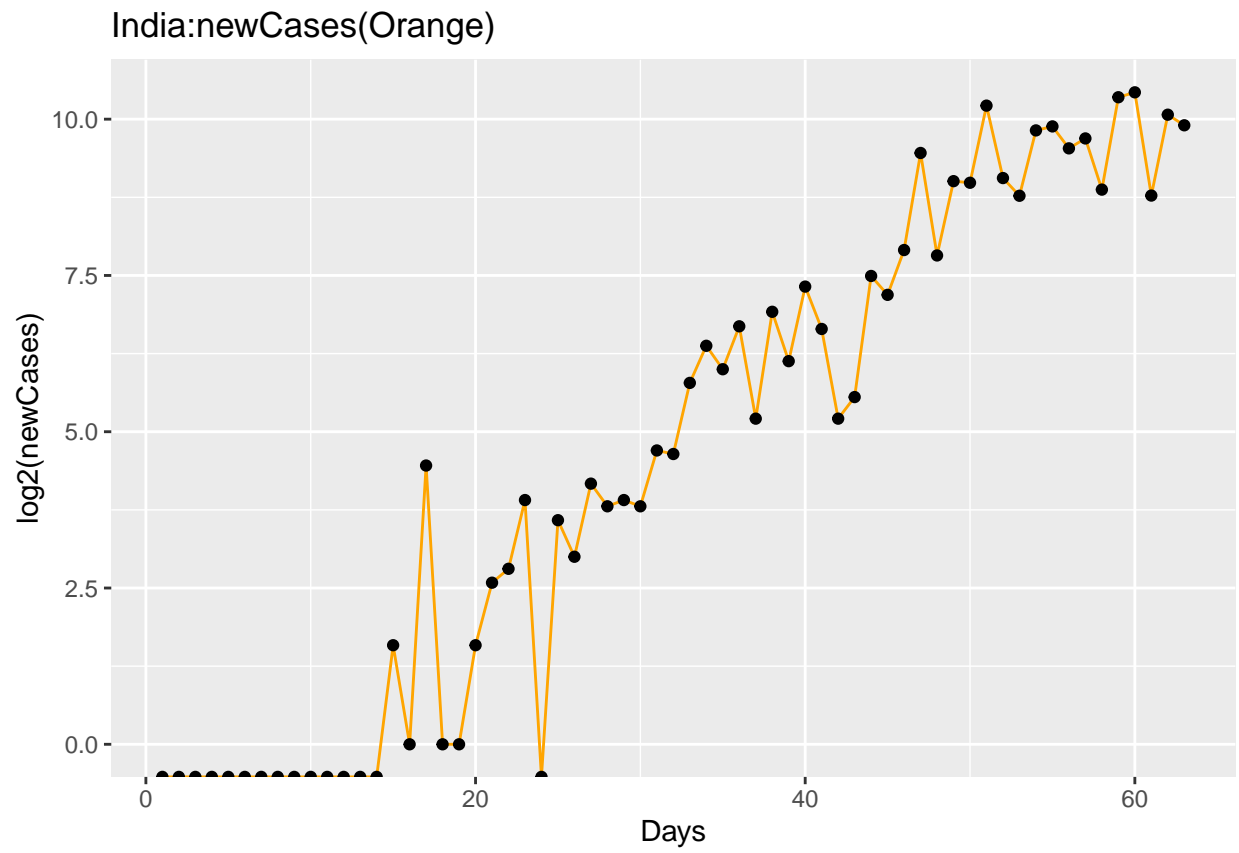




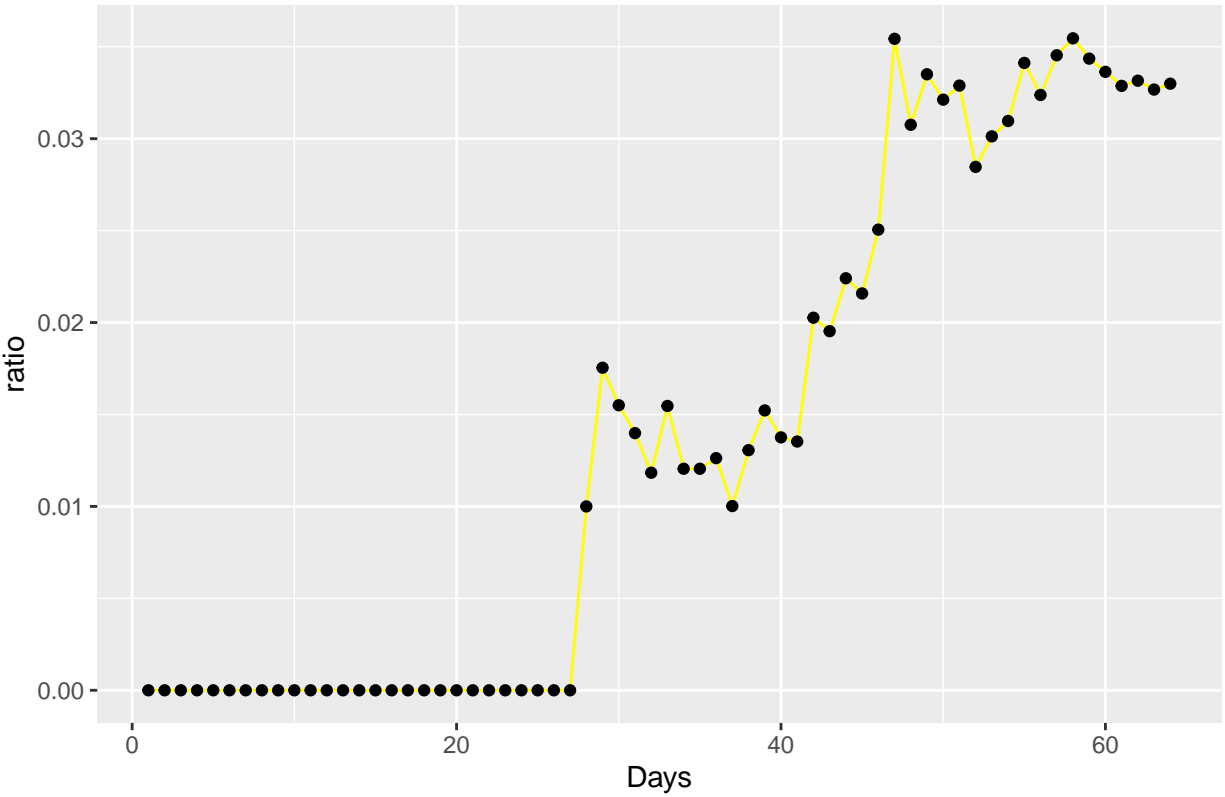


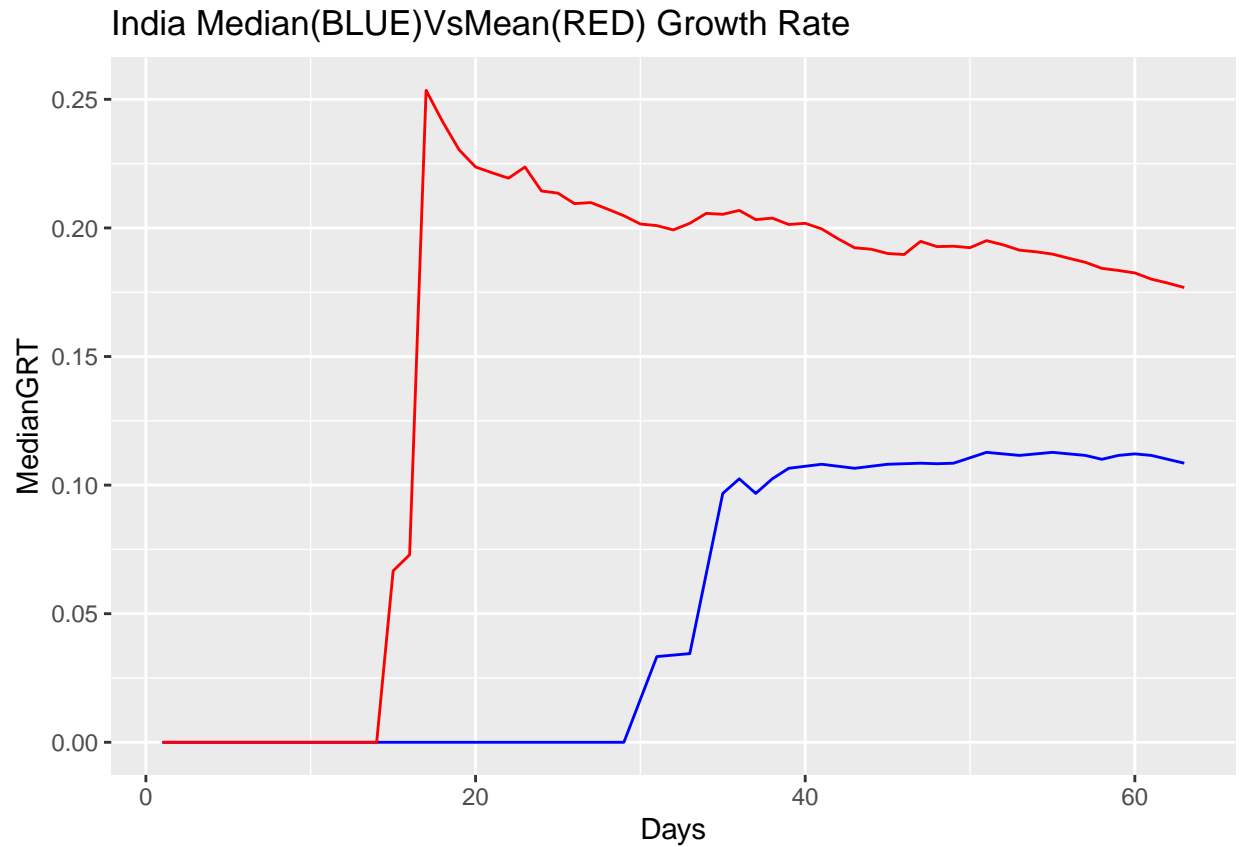






India: TotalDeaths/TotalCases





#### Results:

- Tomorrow's predicted case number is between  $1.5815198 \times 10^4$  and  $1.7407517 \times 10^4$  cases.
- Current doubling rate is **10 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 **6.9172389** percent.
- Mean Growth Rate: **17.6819723** percent.
- Median Growth Rate: **10.8527132** percent.
- Standard deviation: +/- **40.7926165**.