

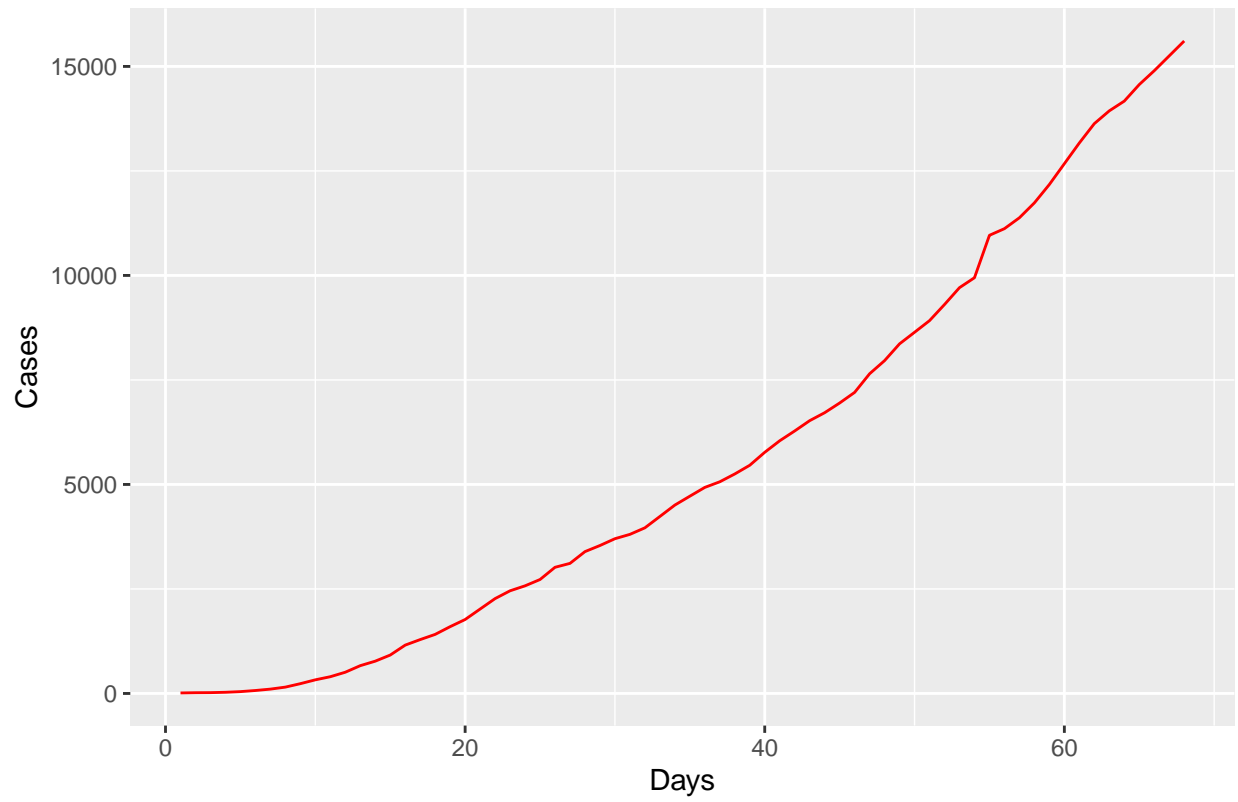
Arizona/US/India Corona Trends- 13th May 2020 with tomorrow's prediction

Whitchurch Muthumani

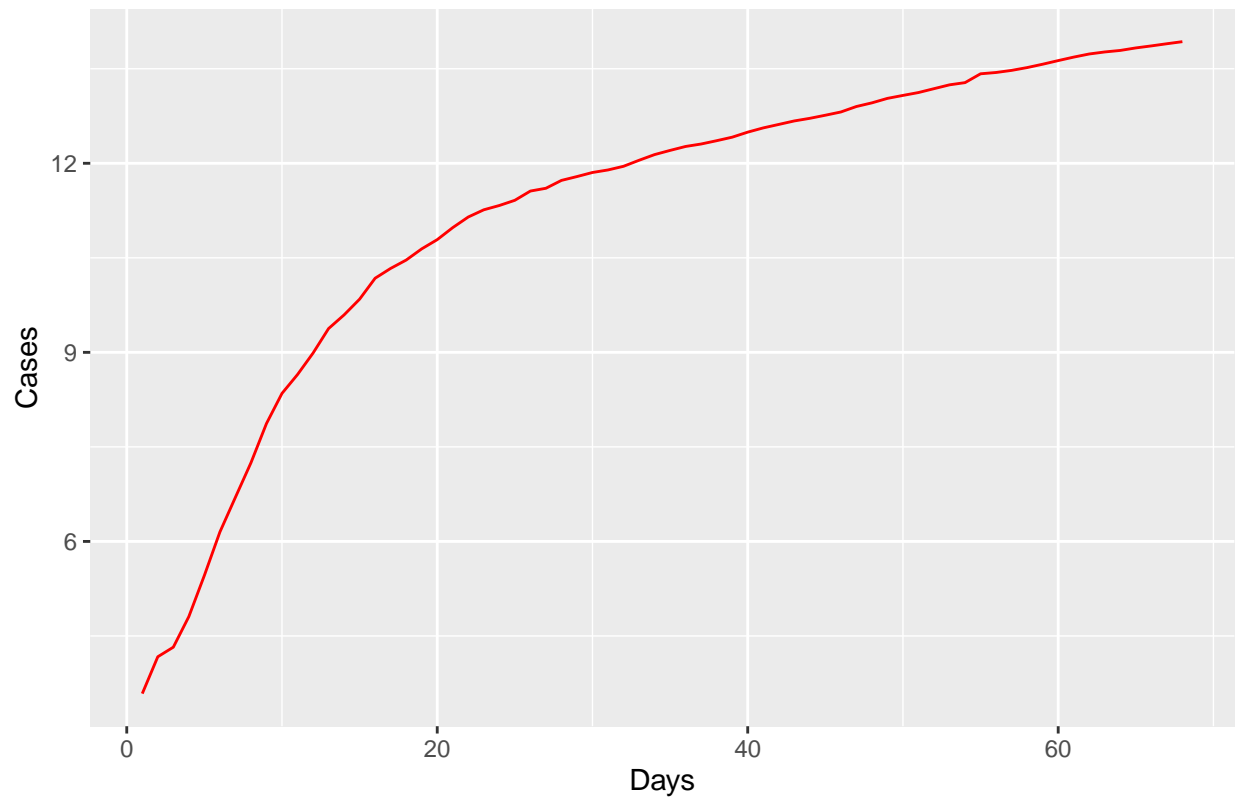
5/13/2020

Arizona Corona Dashboard

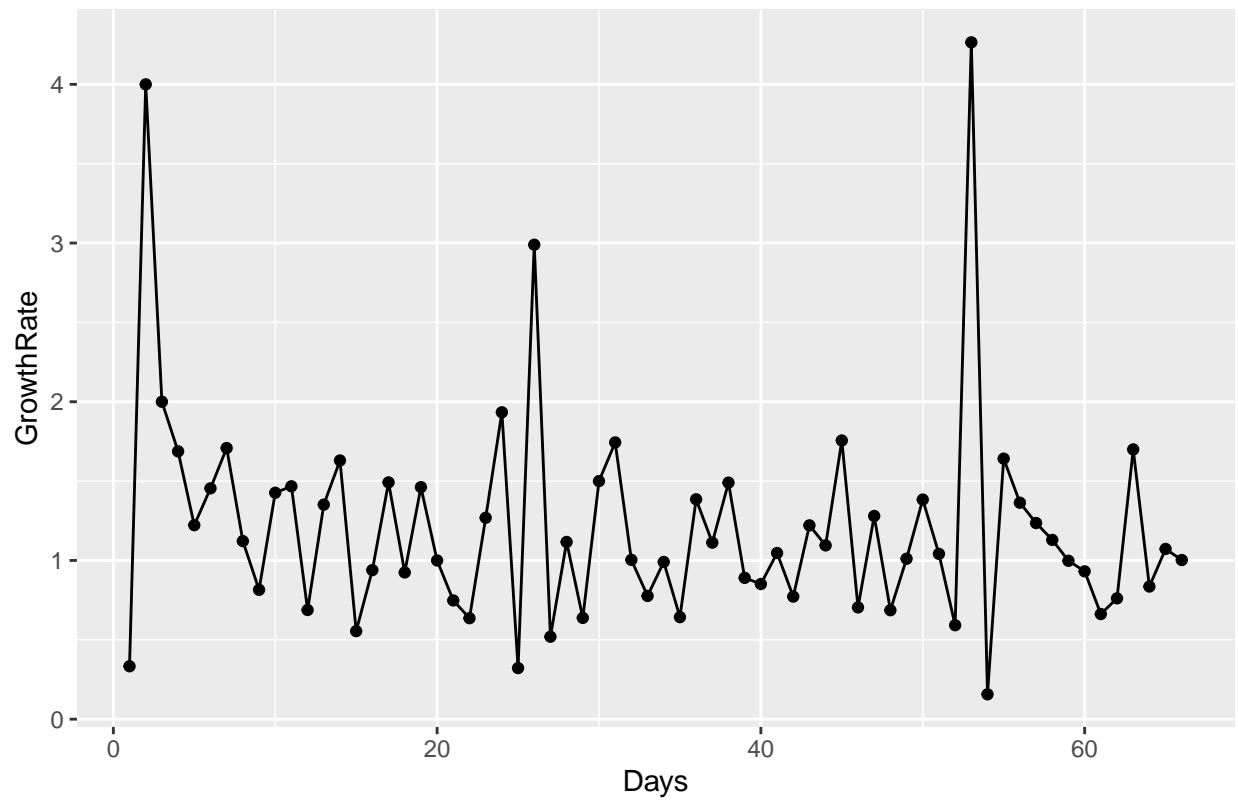
Arizona: Daily Cases



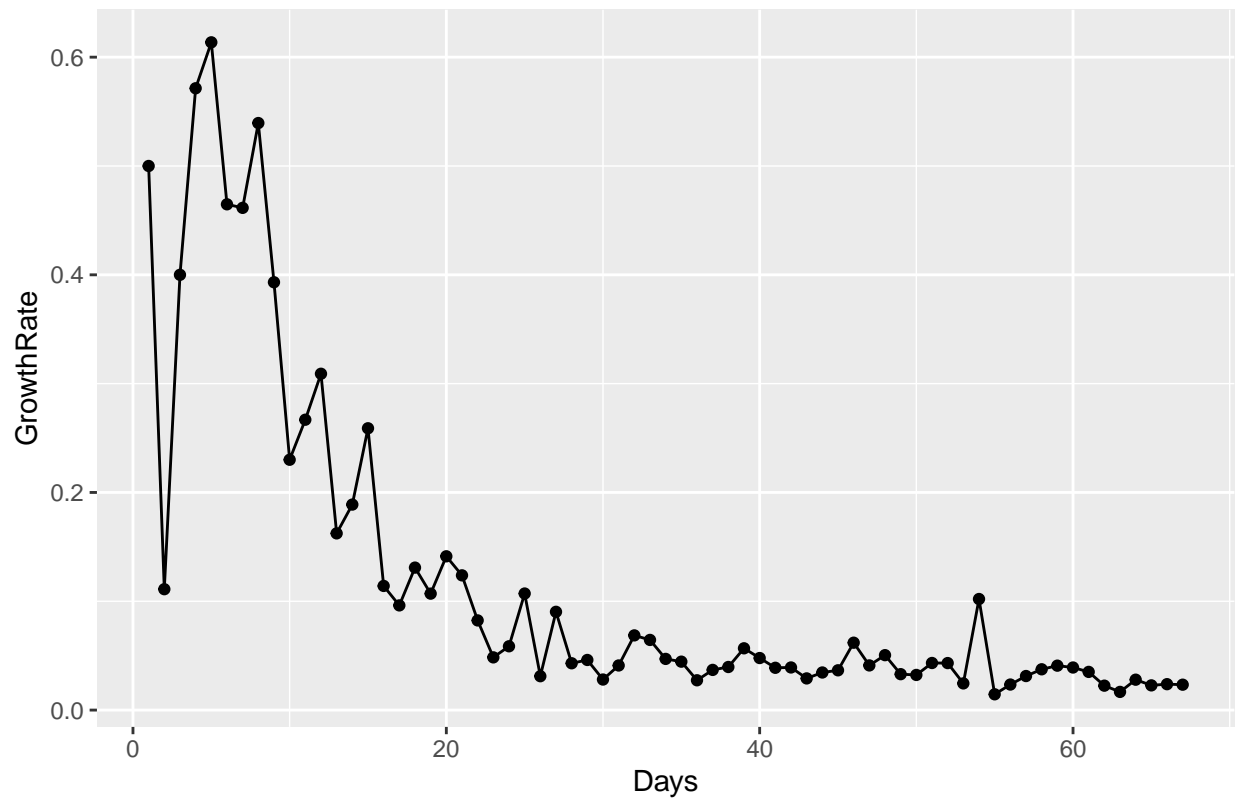
Arizona: Daily Cases

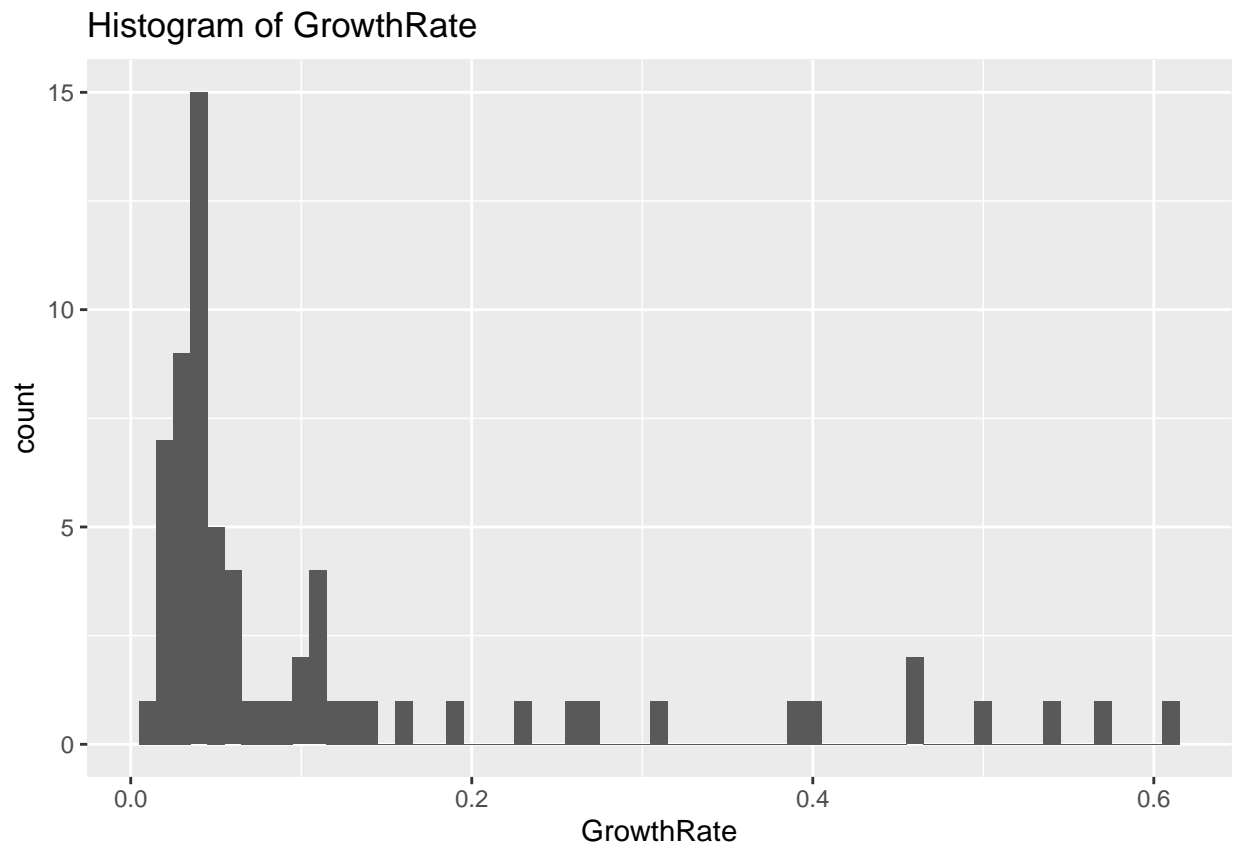


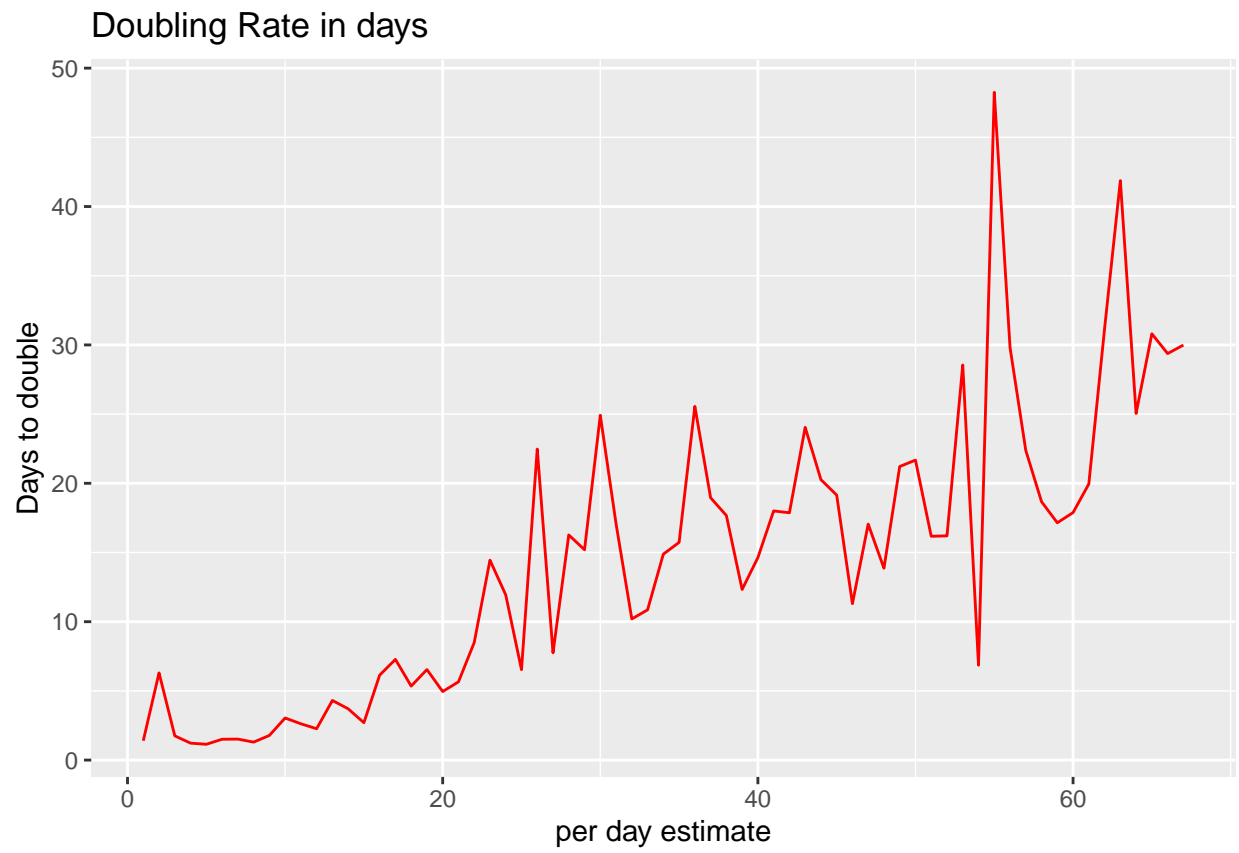
Arizona: Rate of change in Growth Rate



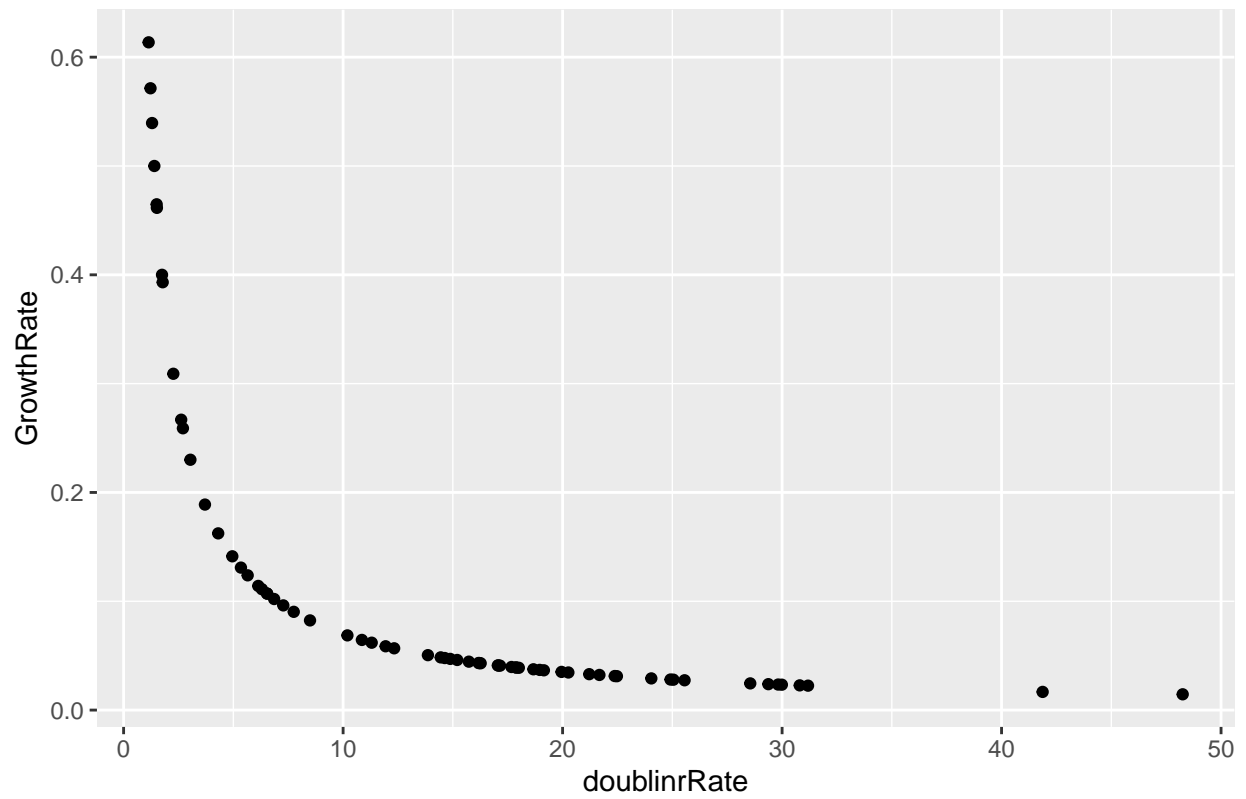
Arizona: Growth Rate

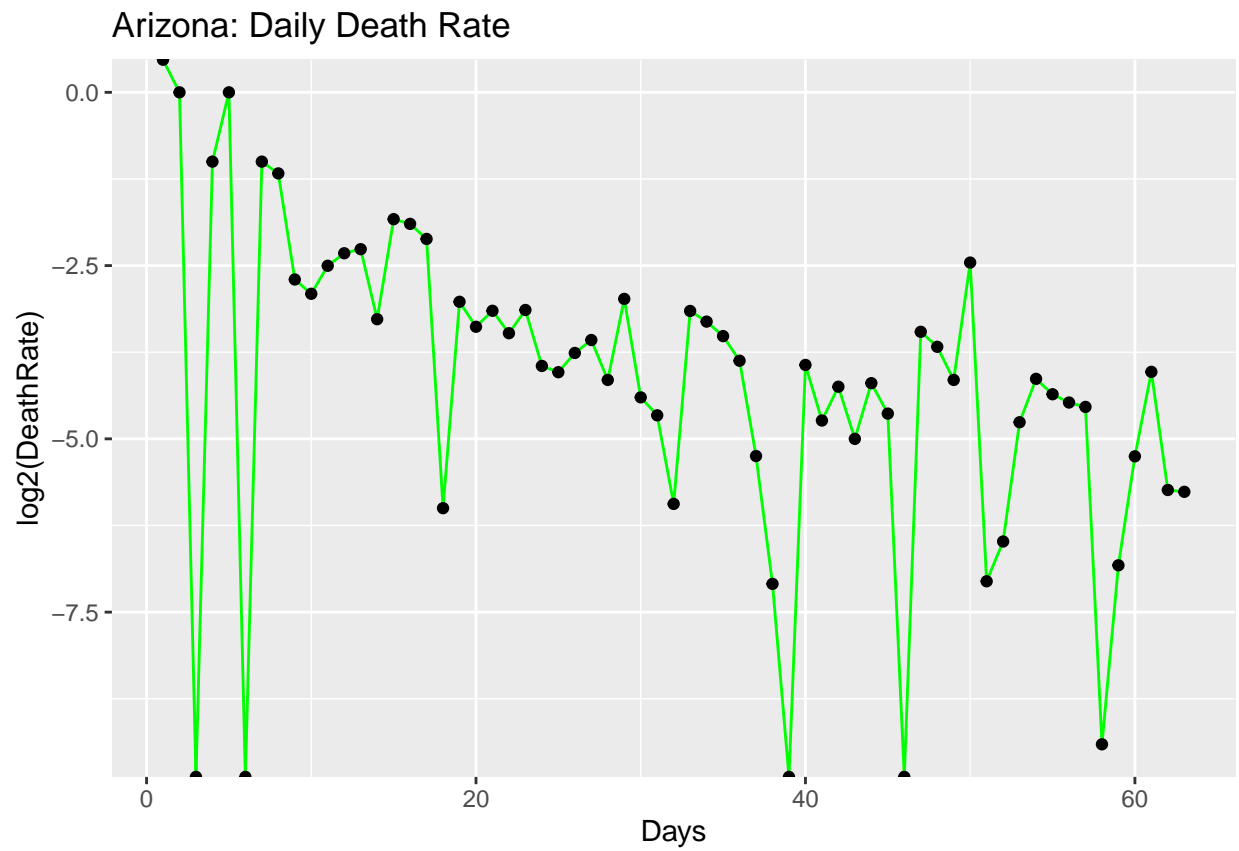


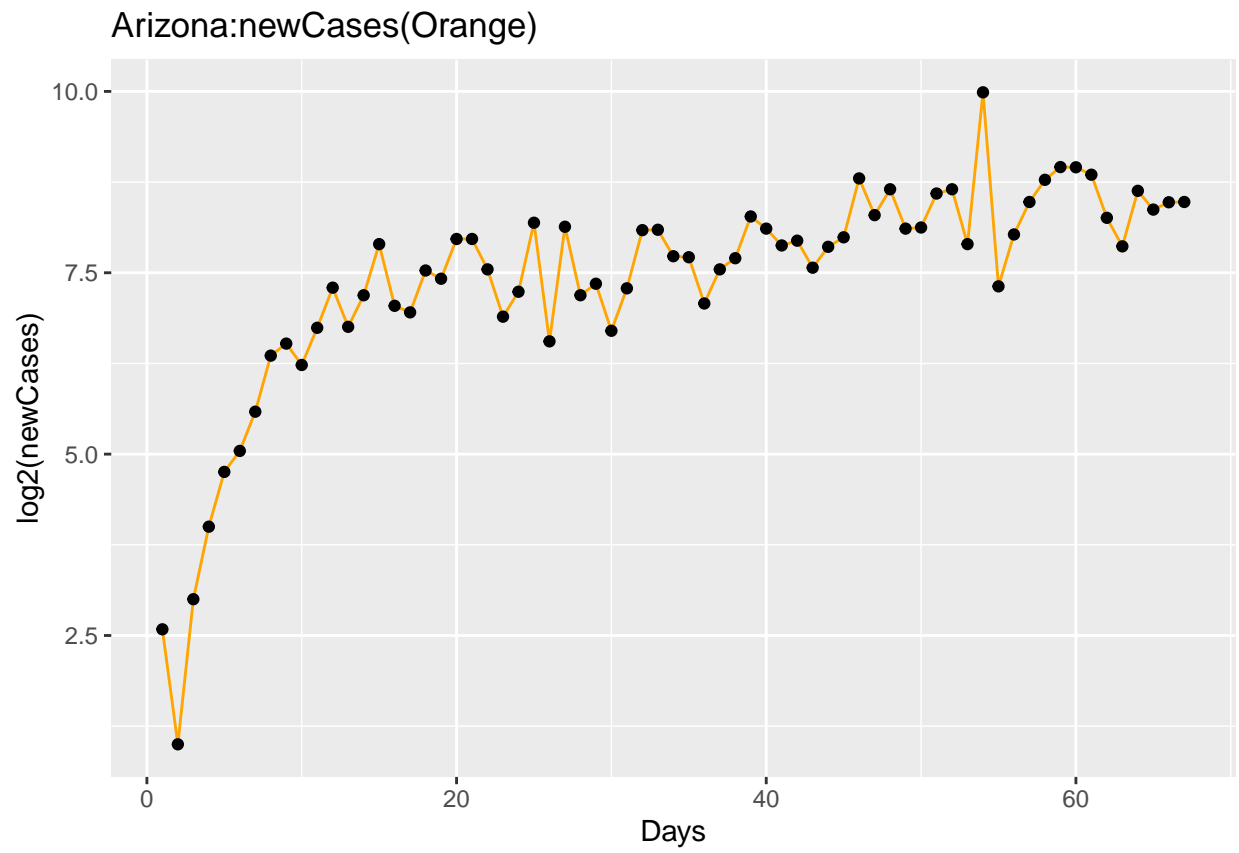


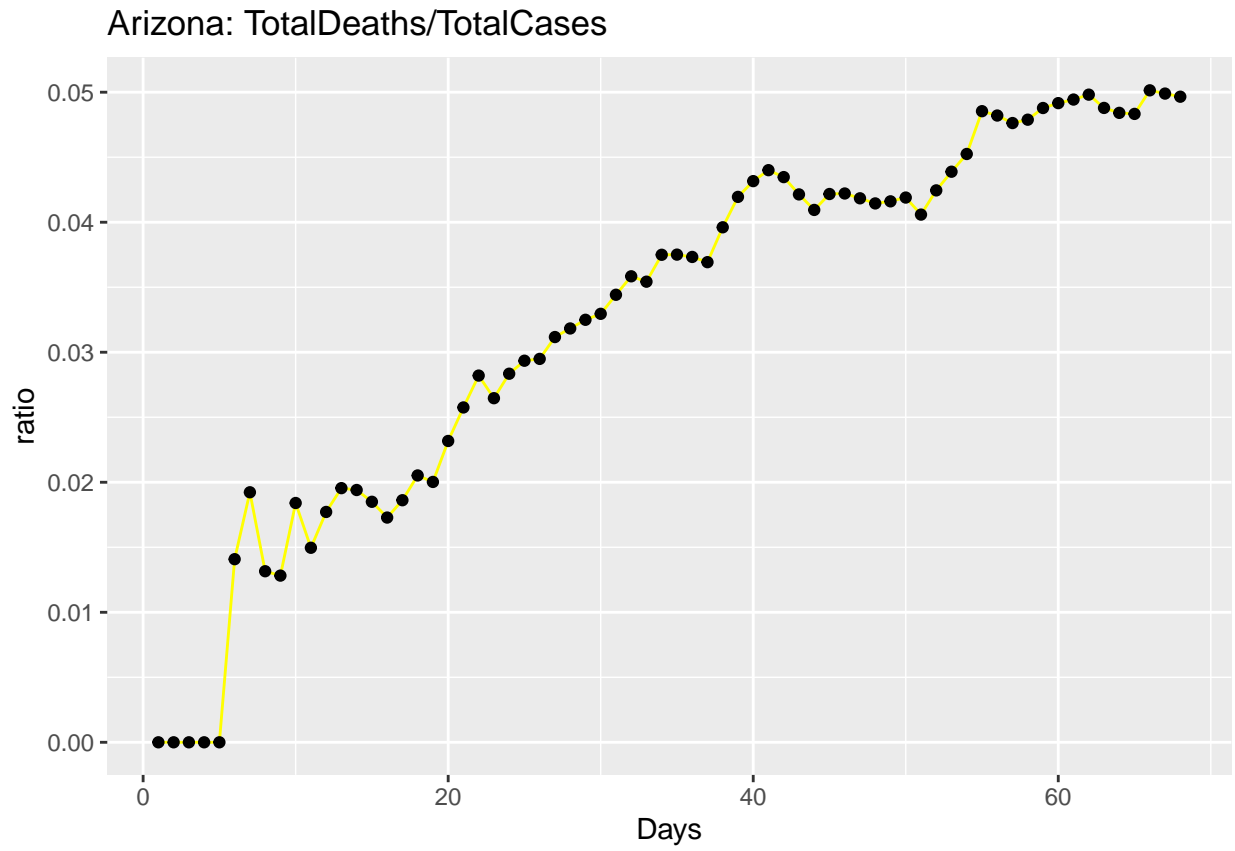


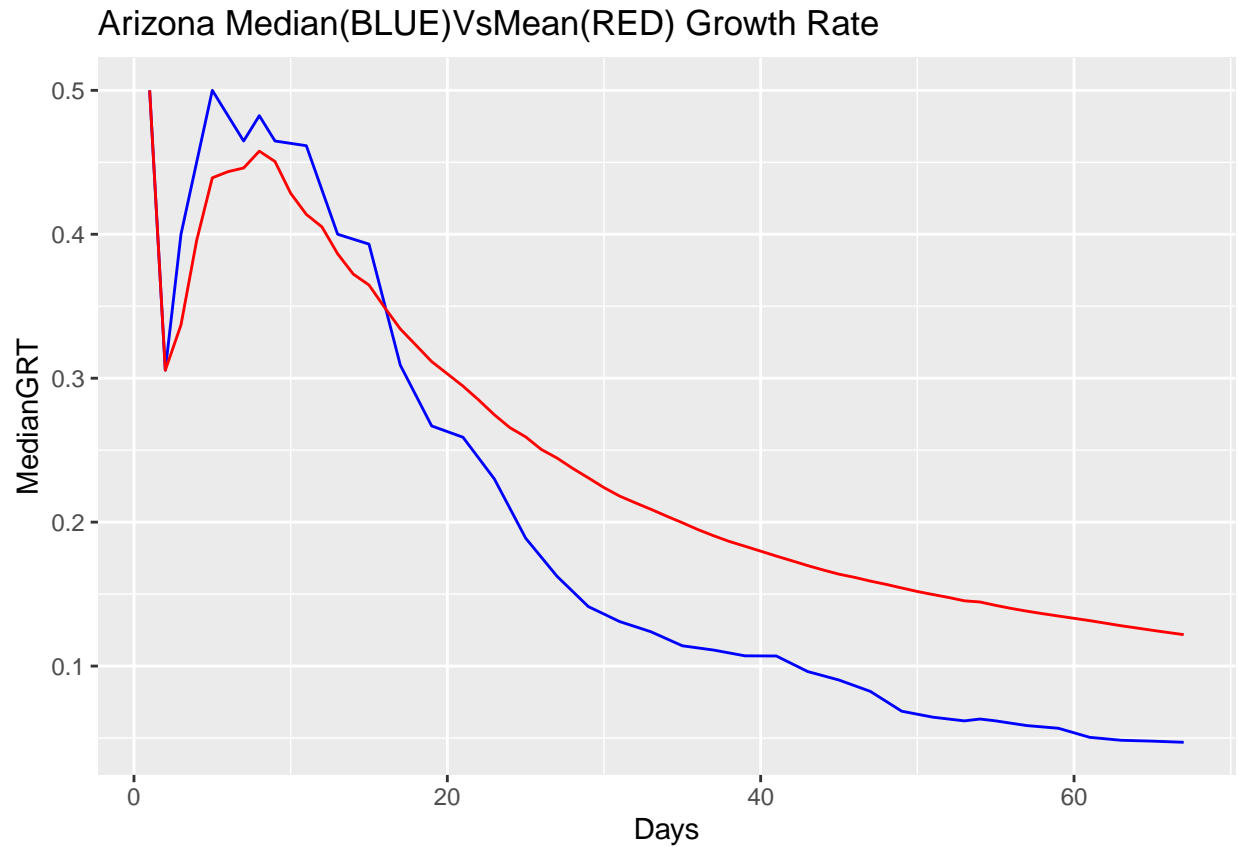
Doubling Rate vs Growth Rate









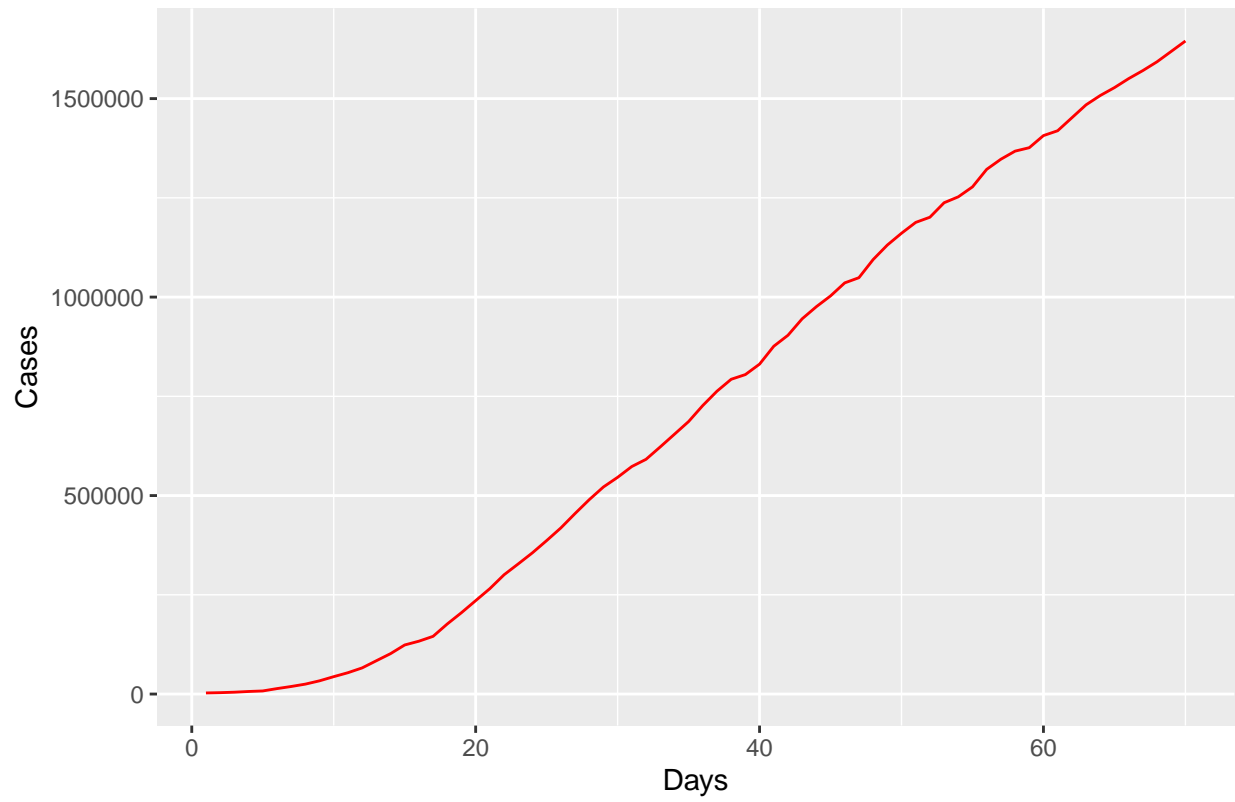


Results:

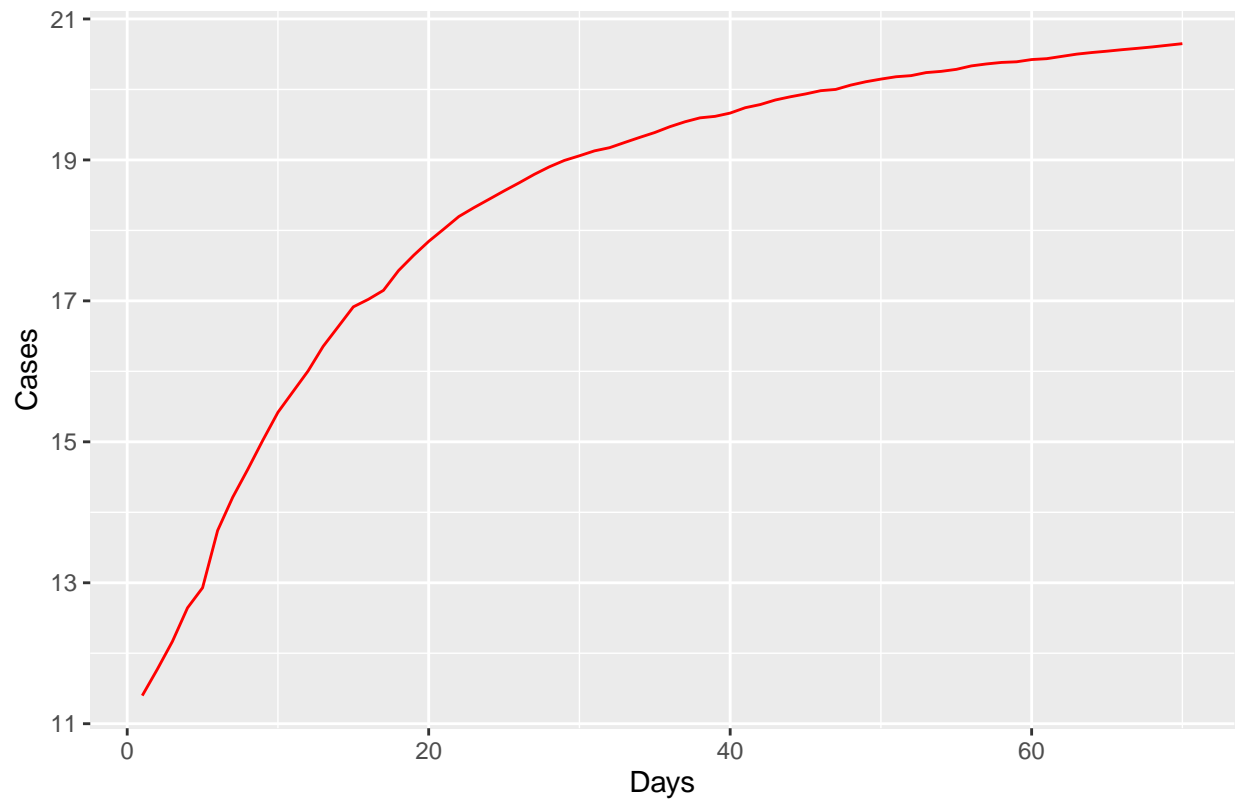
- Tomorrow's predicted case number is between 1.5972309×10^4 and 1.7509629×10^4 cases.
- Current doubling rate is **30 days**
- Mean doubling rate, i.e number of cases doubles every **6 days**.
- Median doubling rate, i.e number of cases doubles every **15 days**.
- Latest Observed Growth Rate **2.3341201** percent.
- Mean Growth Rate: **12.1836832** percent.
- Median Growth Rate: **4.7037941** percent.
- Standard deviation: +/- **15.2974311**.

US Corona Dashboard

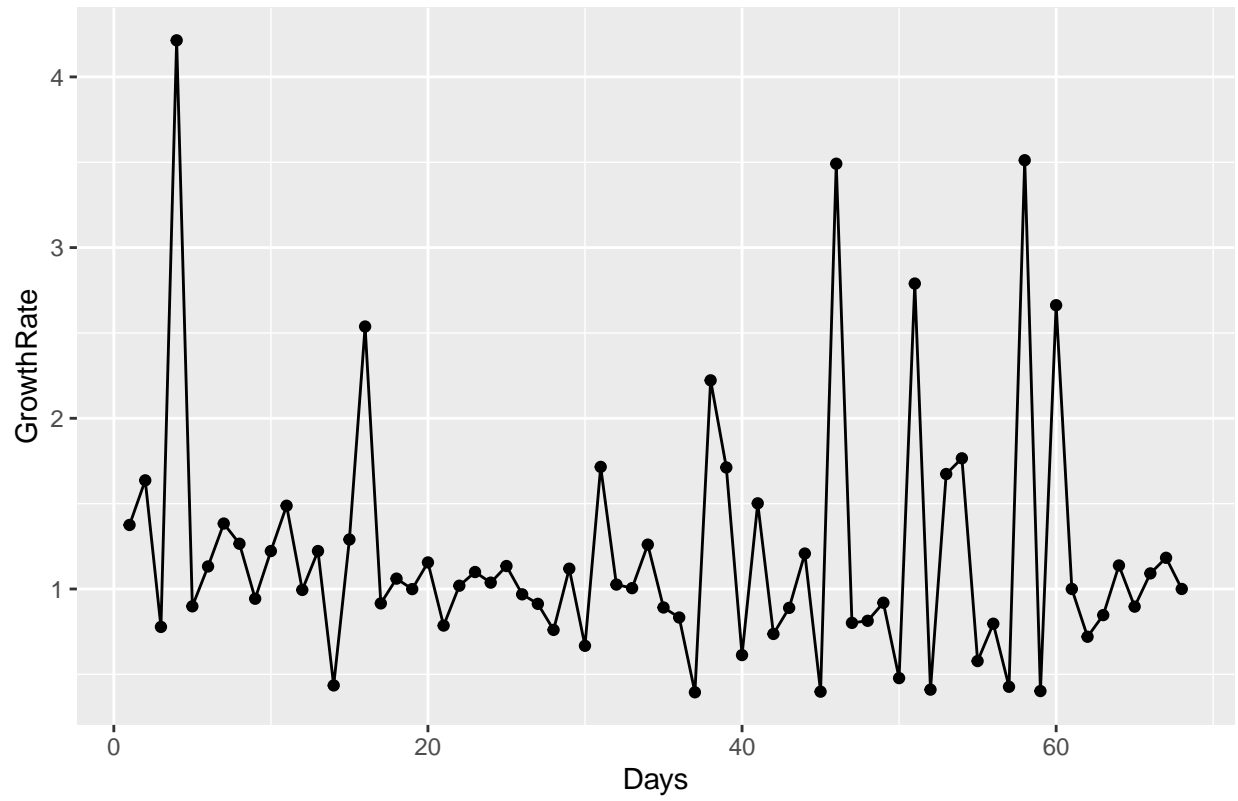
US: Daily Cases



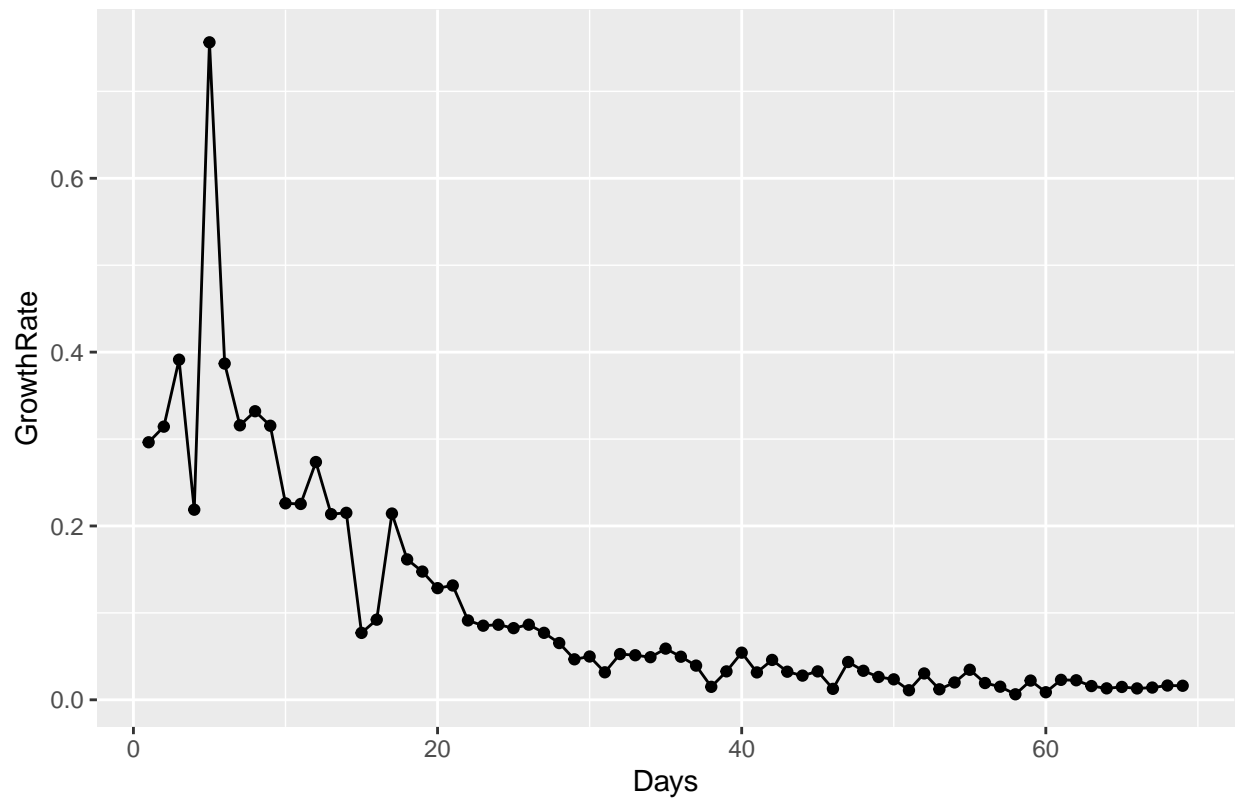
US: Daily Cases

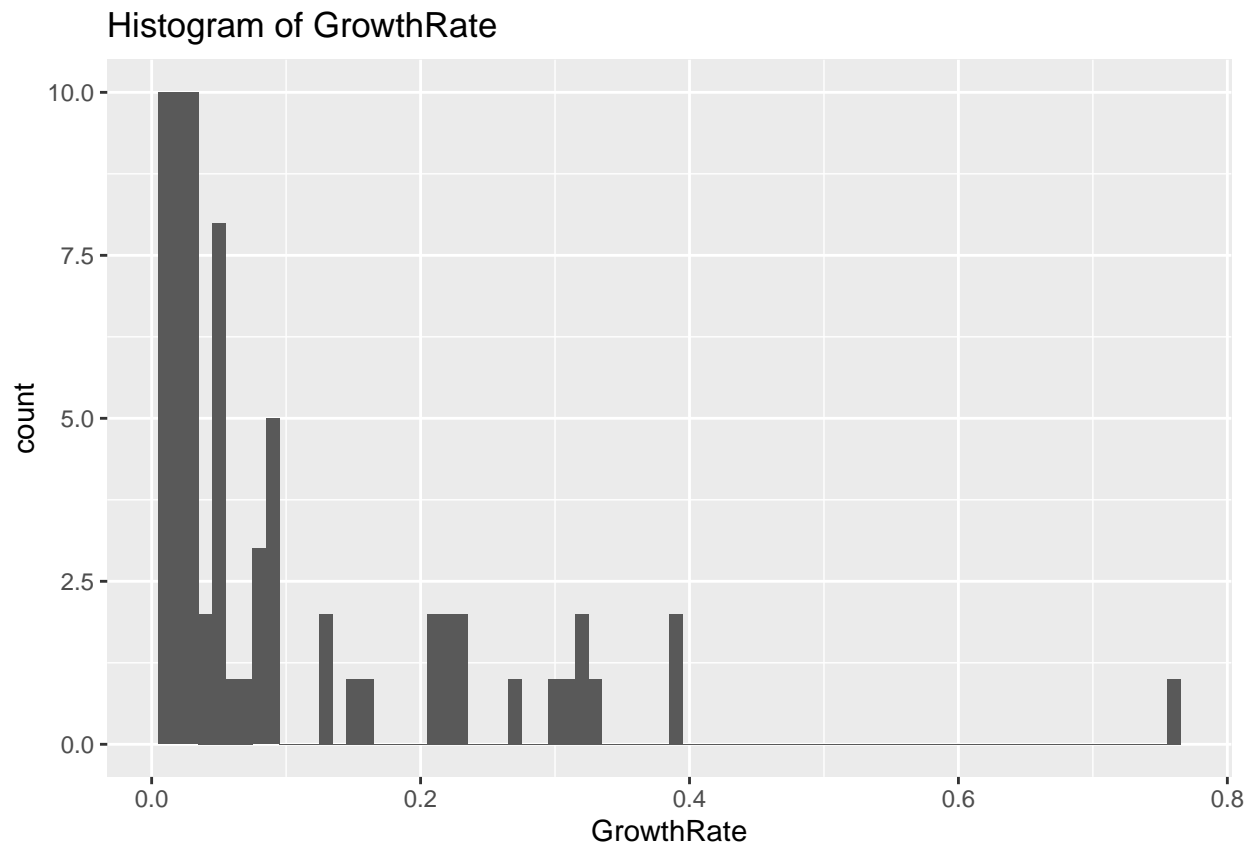


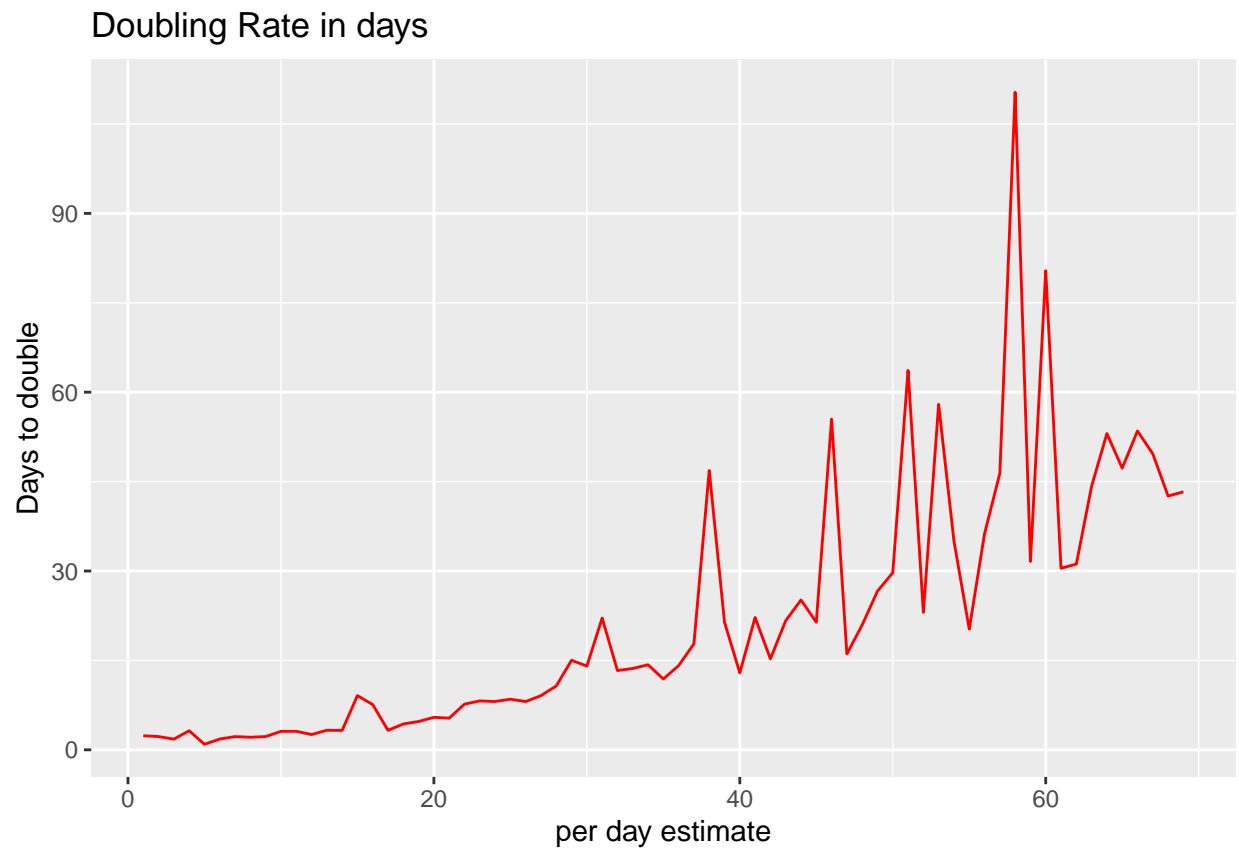
US: Rate of change in Growth Rate



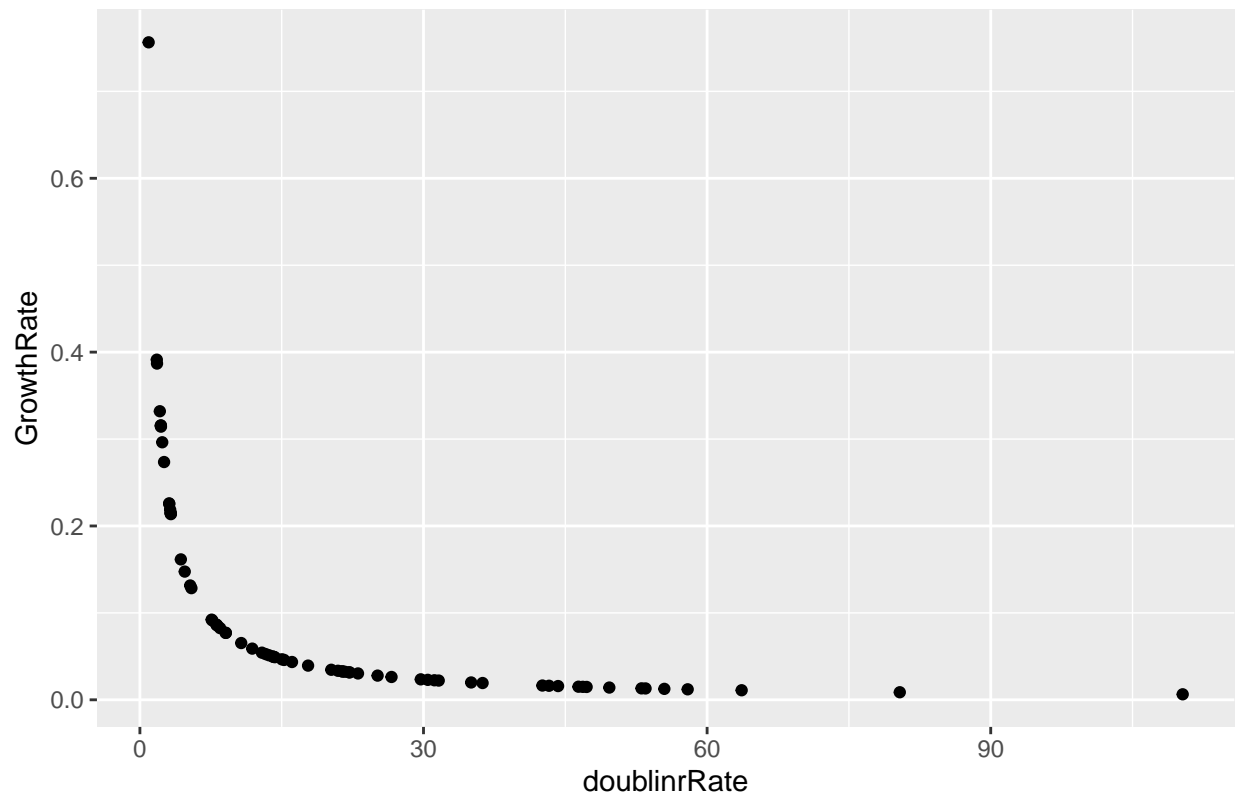
US: Growth Rate

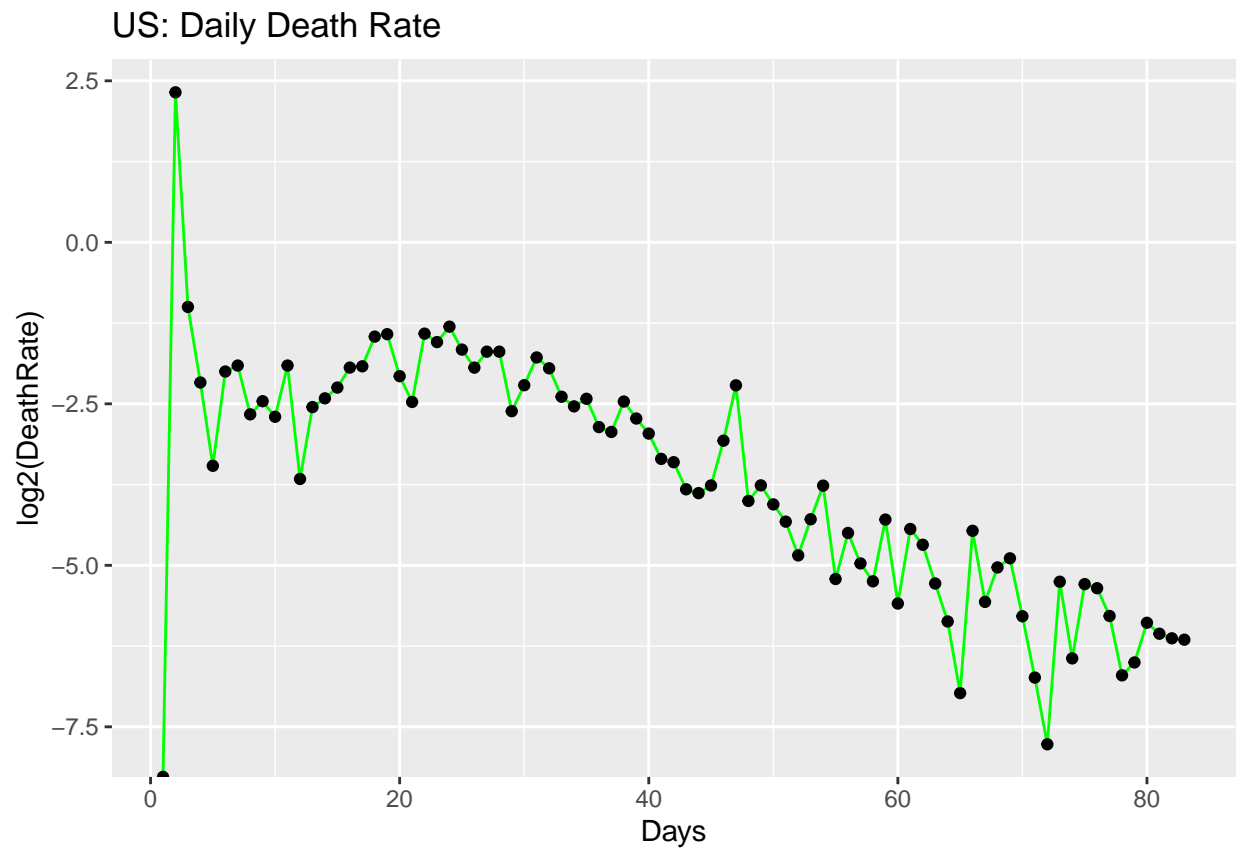


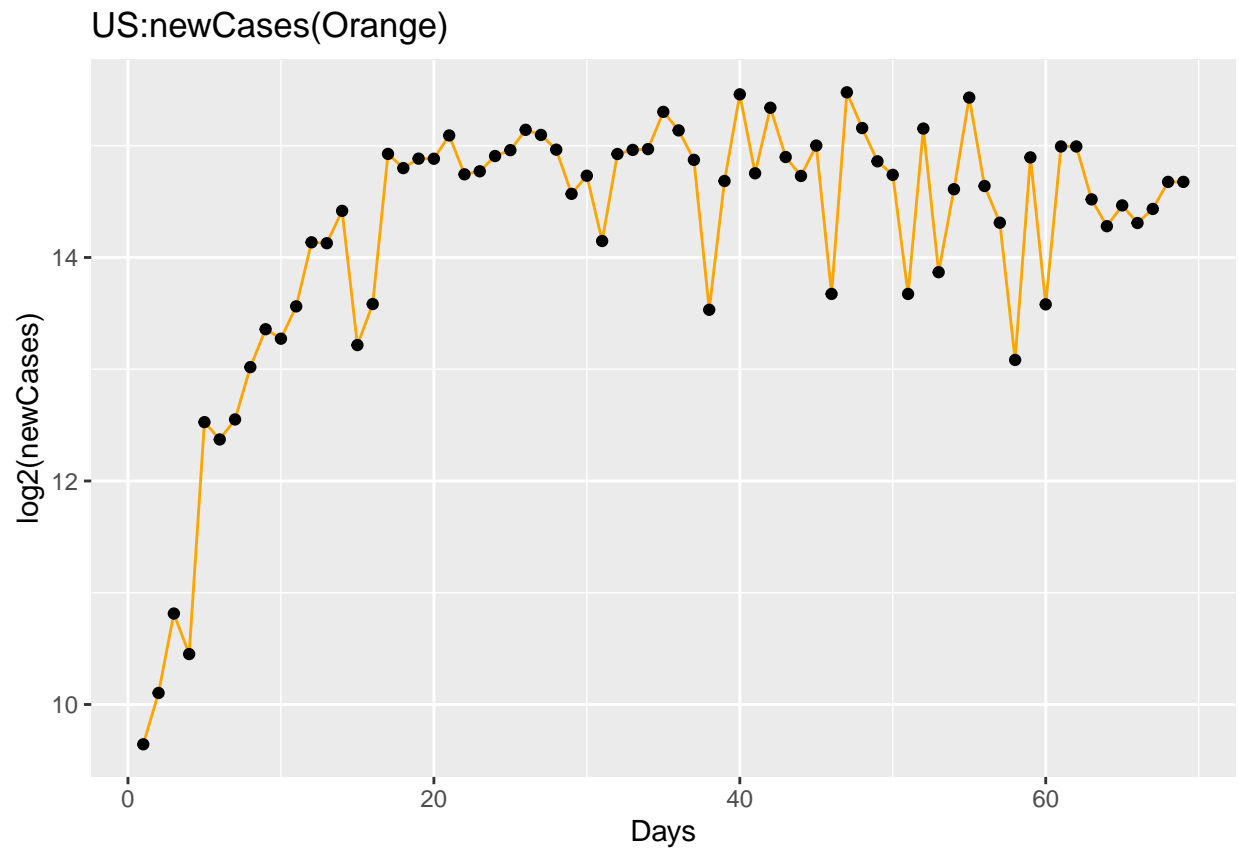


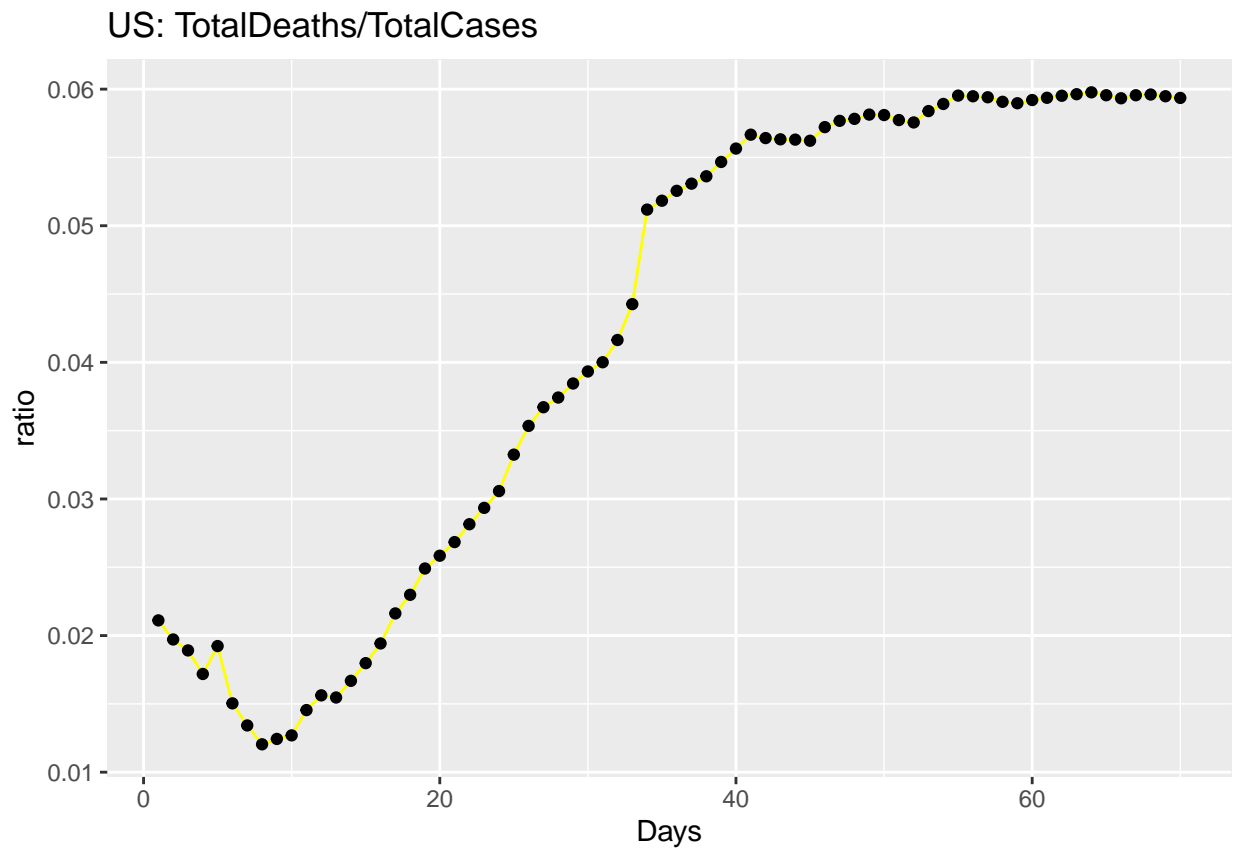


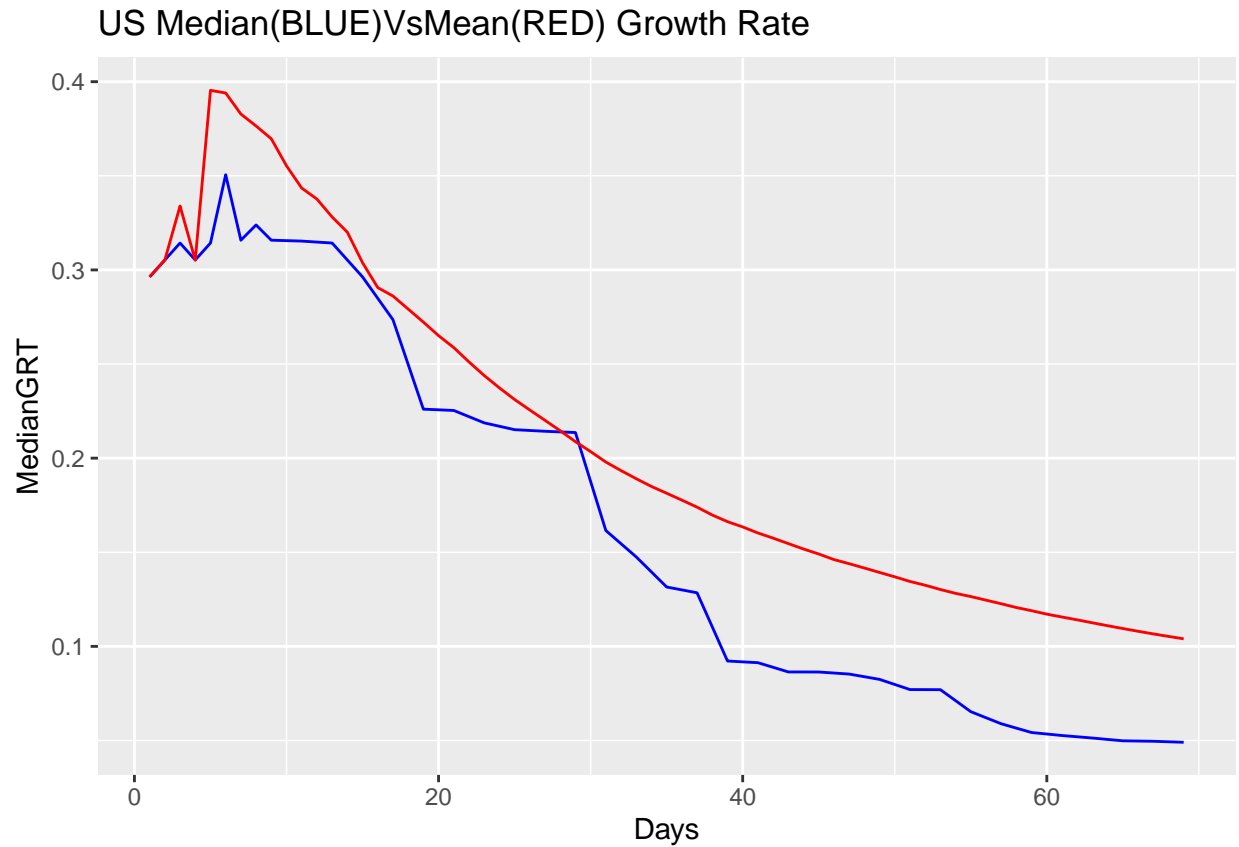
Doubling Rate vs Growth Rate







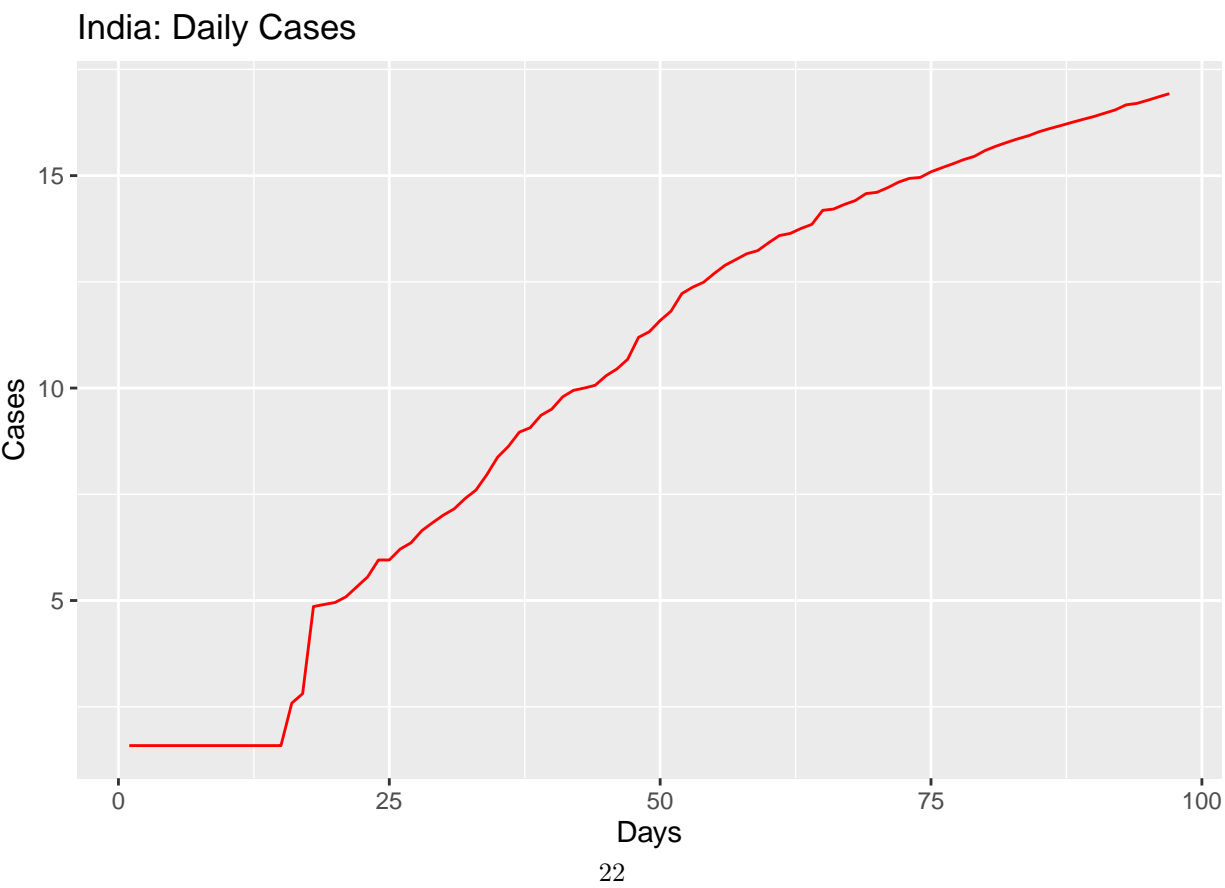
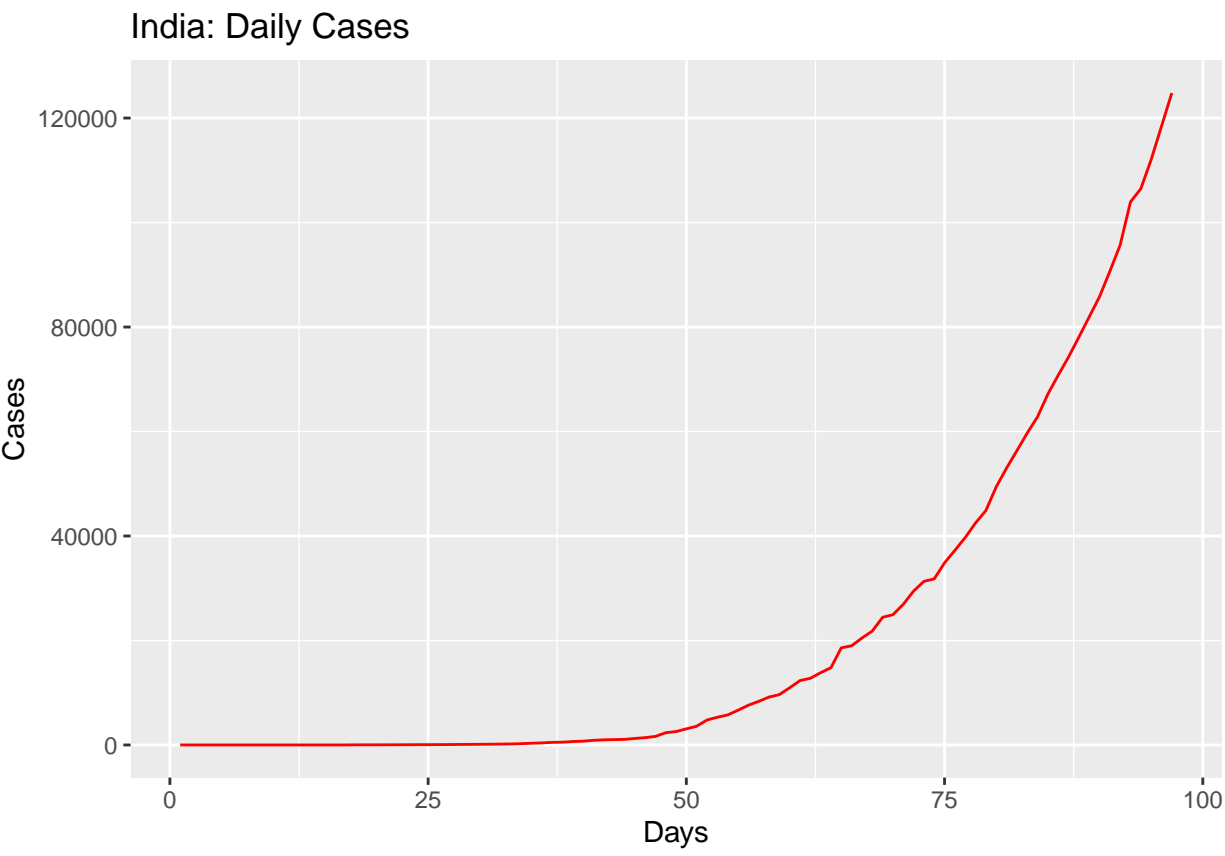


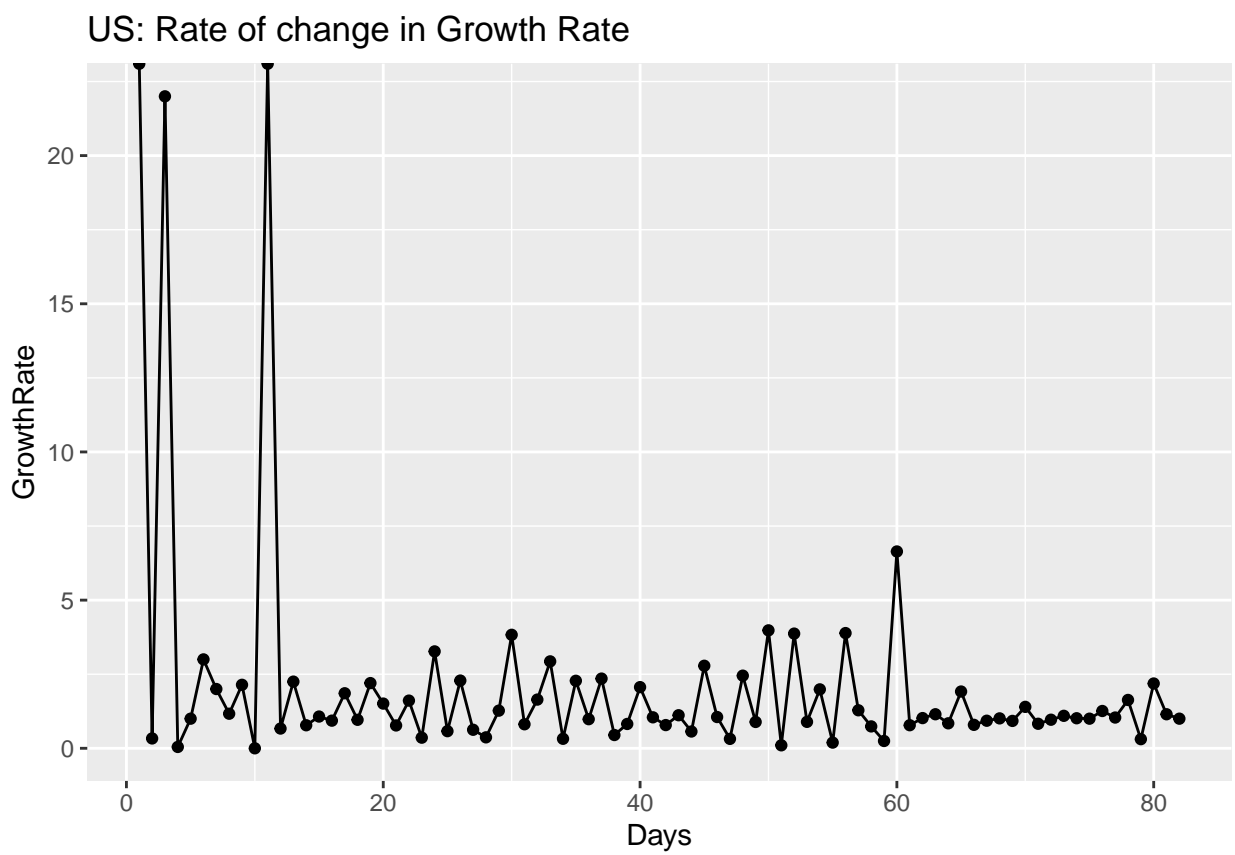


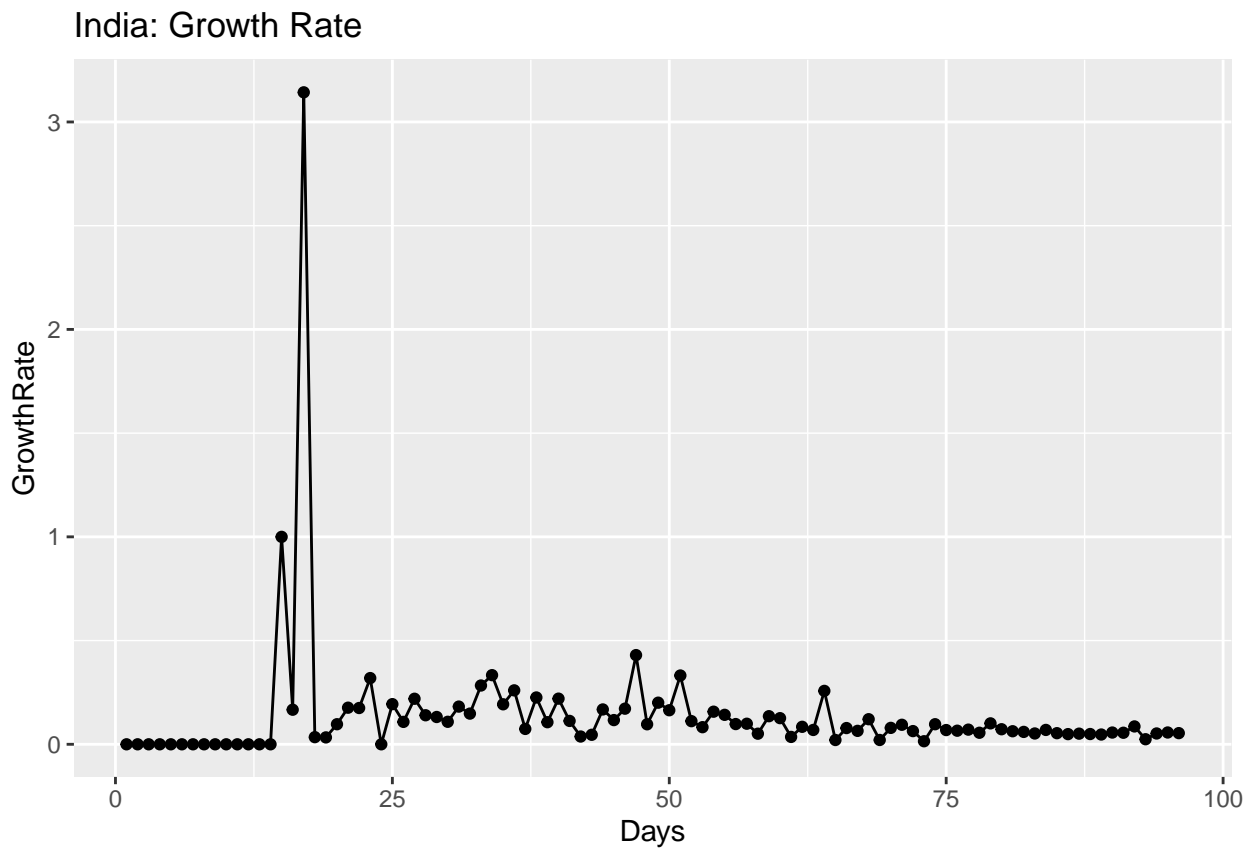
Results:

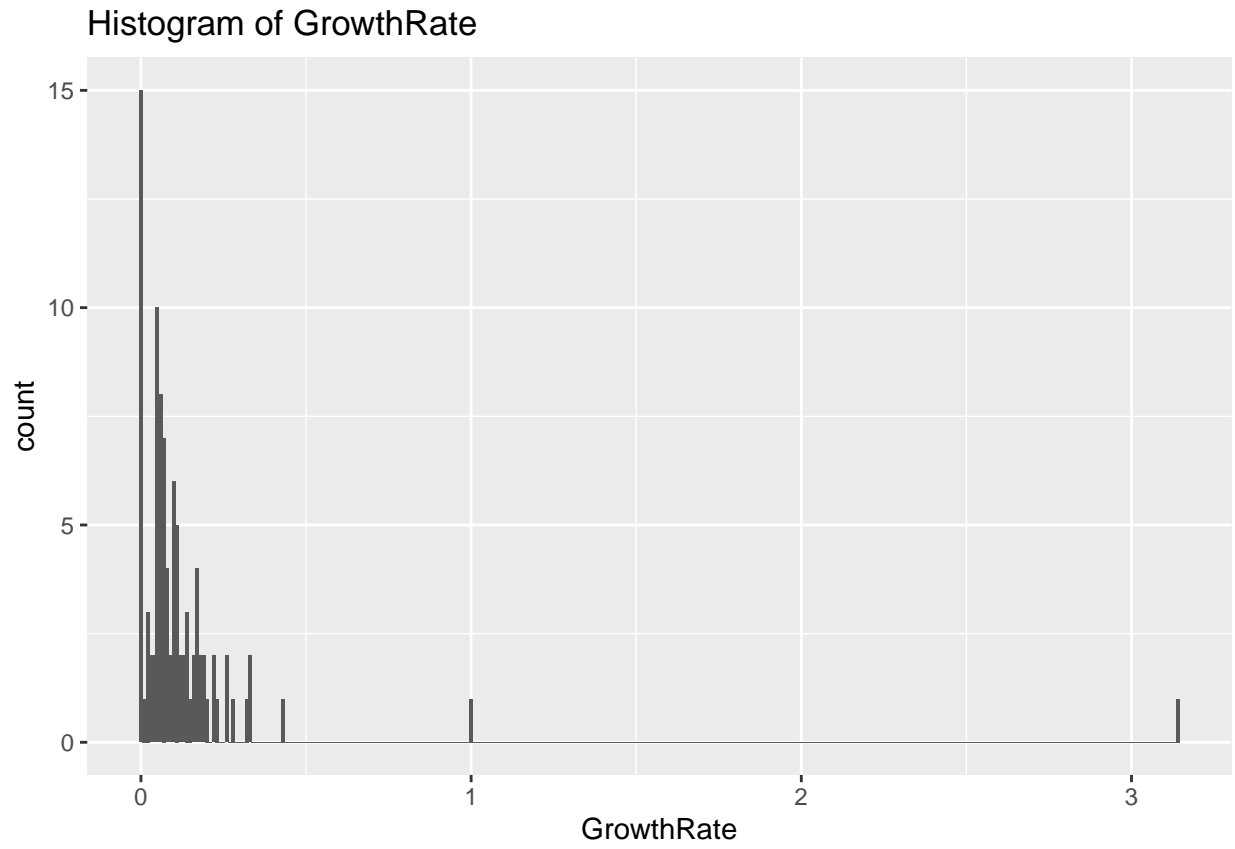
- Tomorrow's predicted case number is between 1.6717036×10^6 and 1.8161981×10^6 cases.
- Current doubling rate is **43 days**
- Mean doubling rate, i.e number of cases doubles every **7 days**.
- Median doubling rate, i.e number of cases doubles every **14 days**.
- Latest Observed Growth Rate **1.6175101** percent.
- Mean Growth Rate: **10.400871** percent.
- Median Growth Rate: **4.9038501** percent.
- Standard deviation: +/- **13.1317329**.

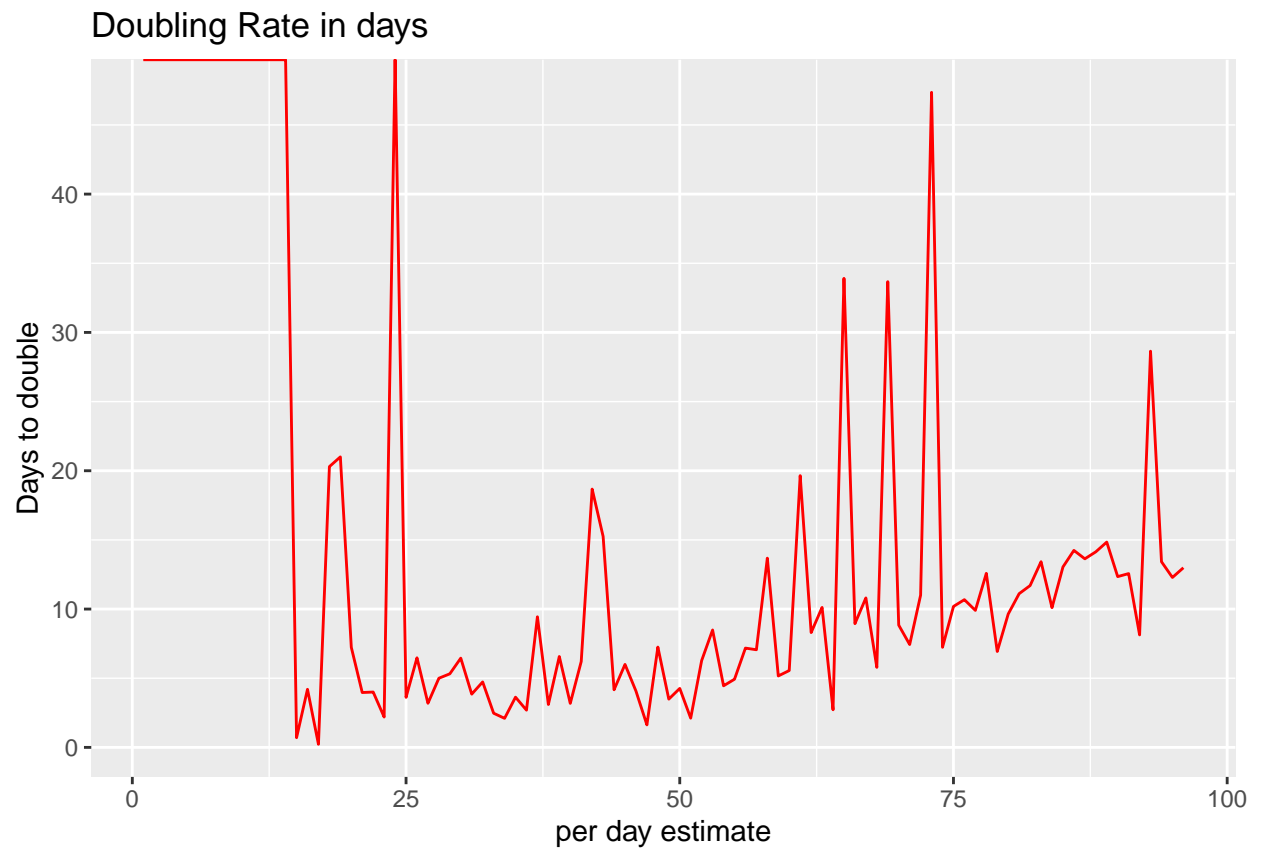
India Corona Dashboard

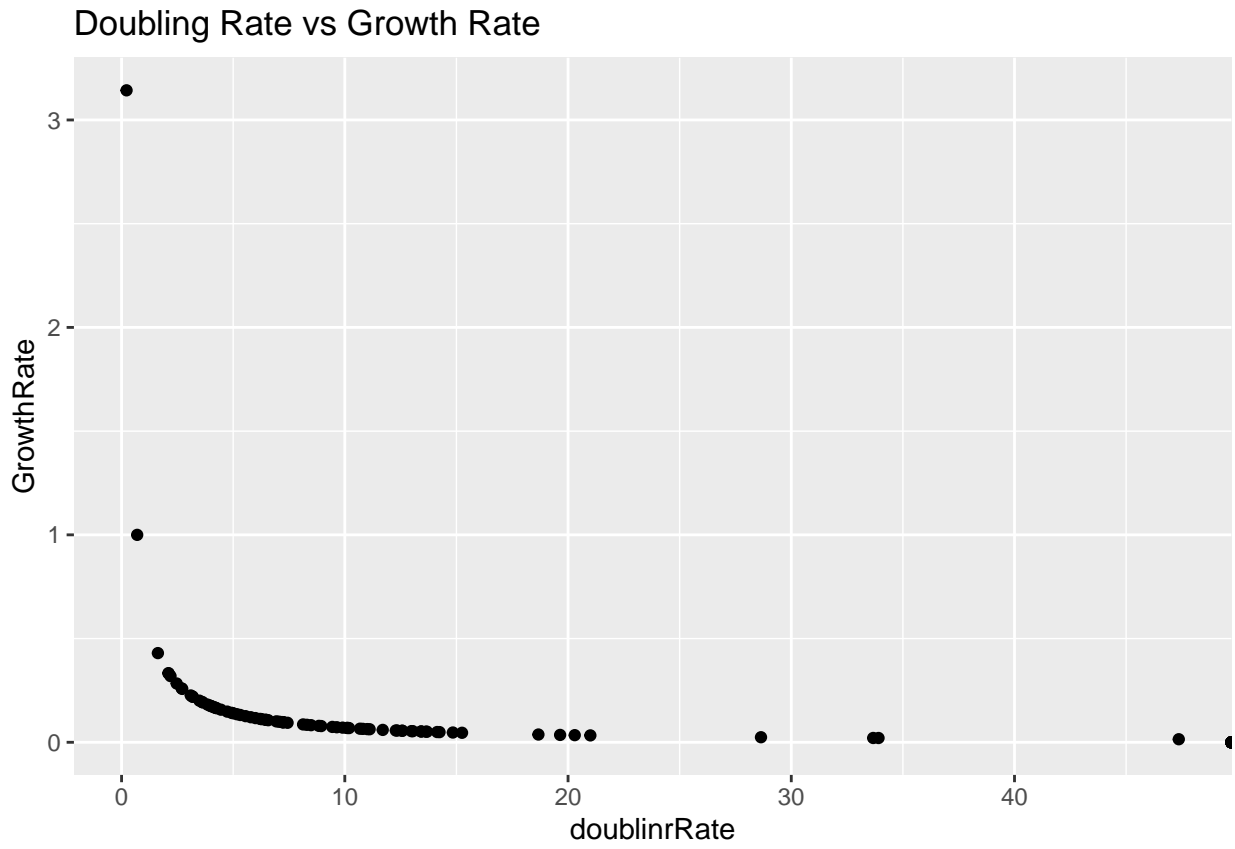


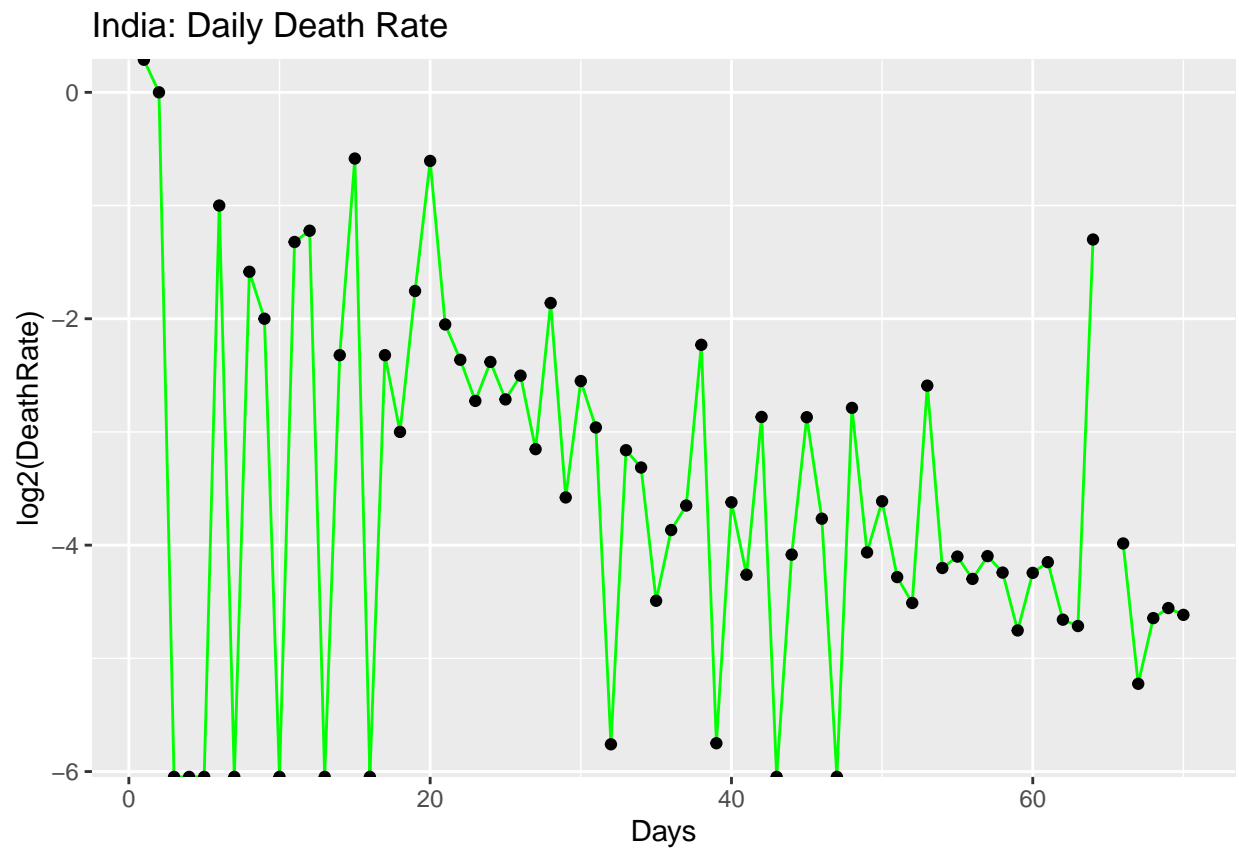


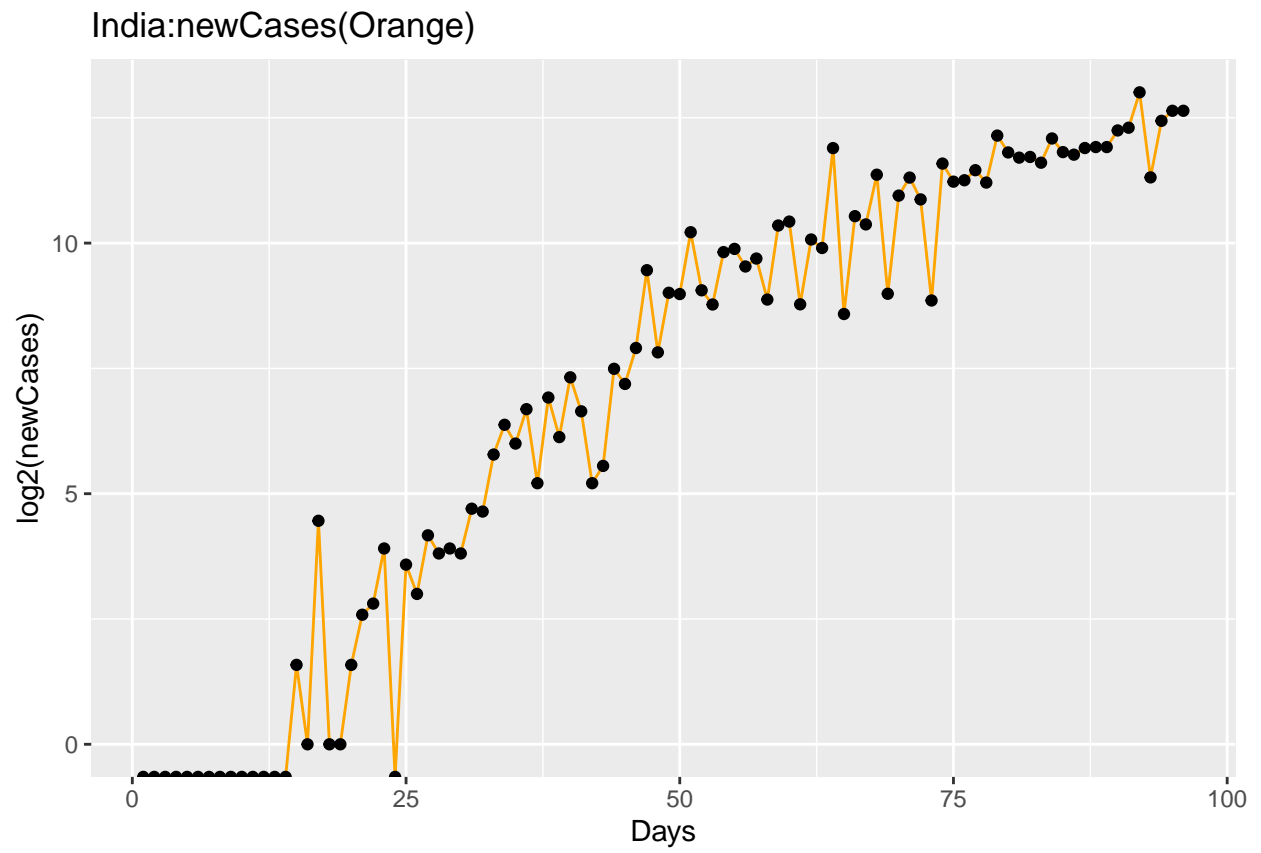




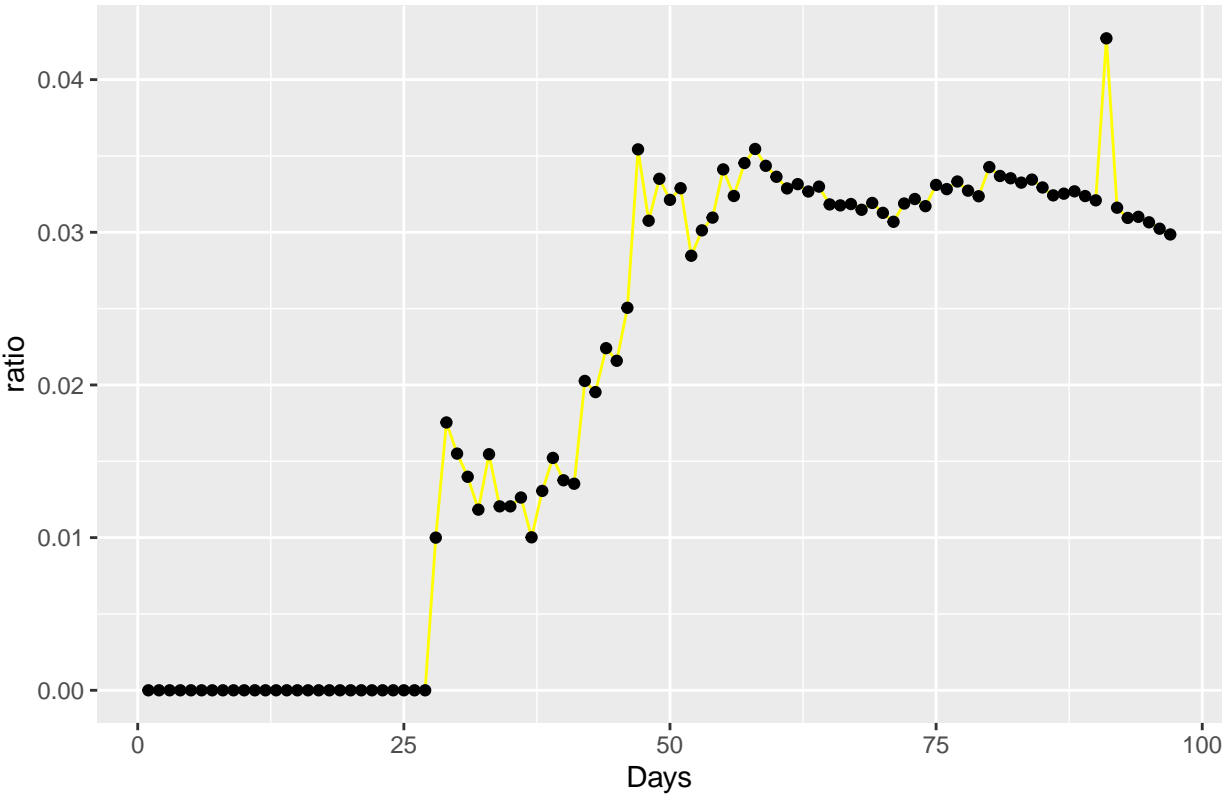


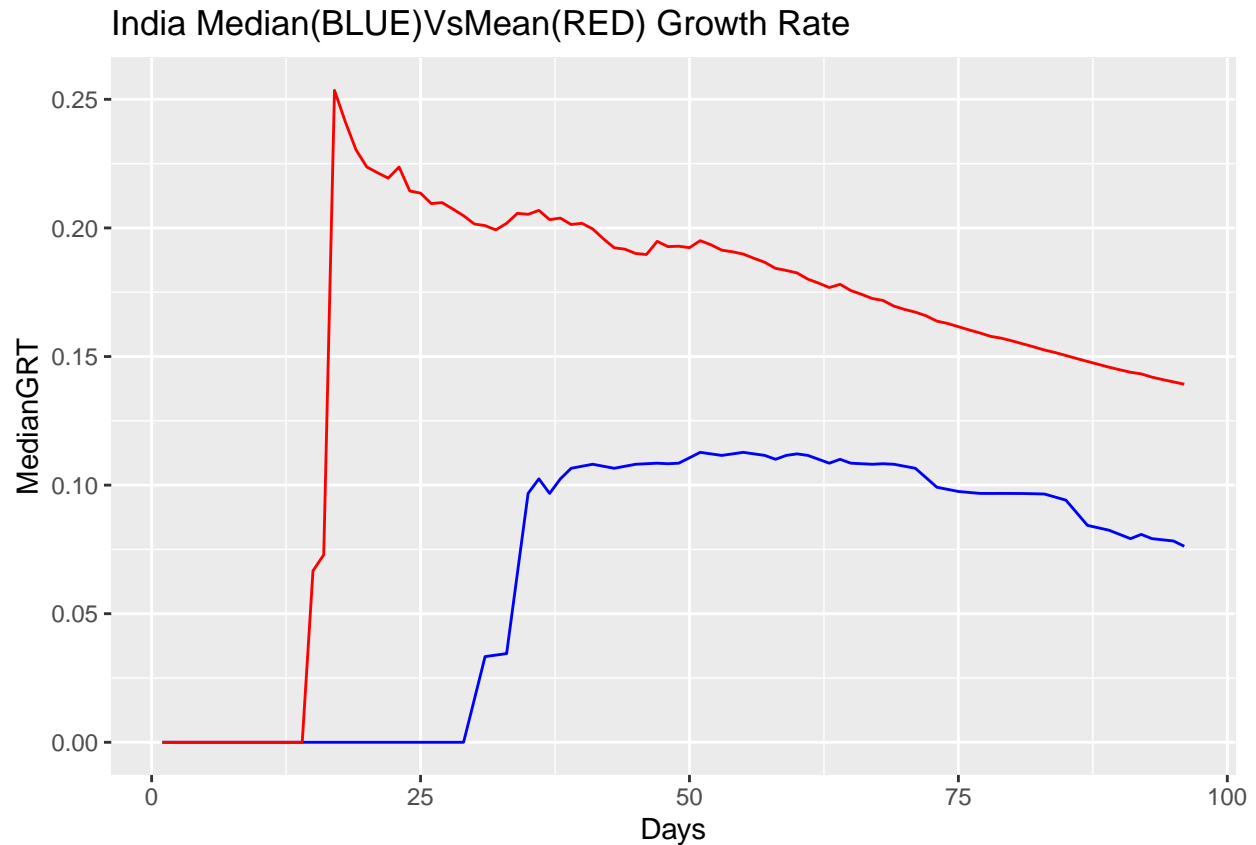






India: TotalDeaths/TotalCases





Results:

- Tomorrow's predicted case number is between 1.3152108×10^5 and 1.4216931×10^5 cases.
- Current doubling rate is **13 days**
- Mean doubling rate, i.e number of cases doubles every **5 days**.
- Median doubling rate, i.e number of cases doubles every **9 days**.
- Latest Observed Growth Rate **5.3905465** percent.
- Mean Growth Rate: **13.9231928** percent.
- Median Growth Rate: **7.6210308** percent.
- Standard deviation: +/- **33.4507619**.