

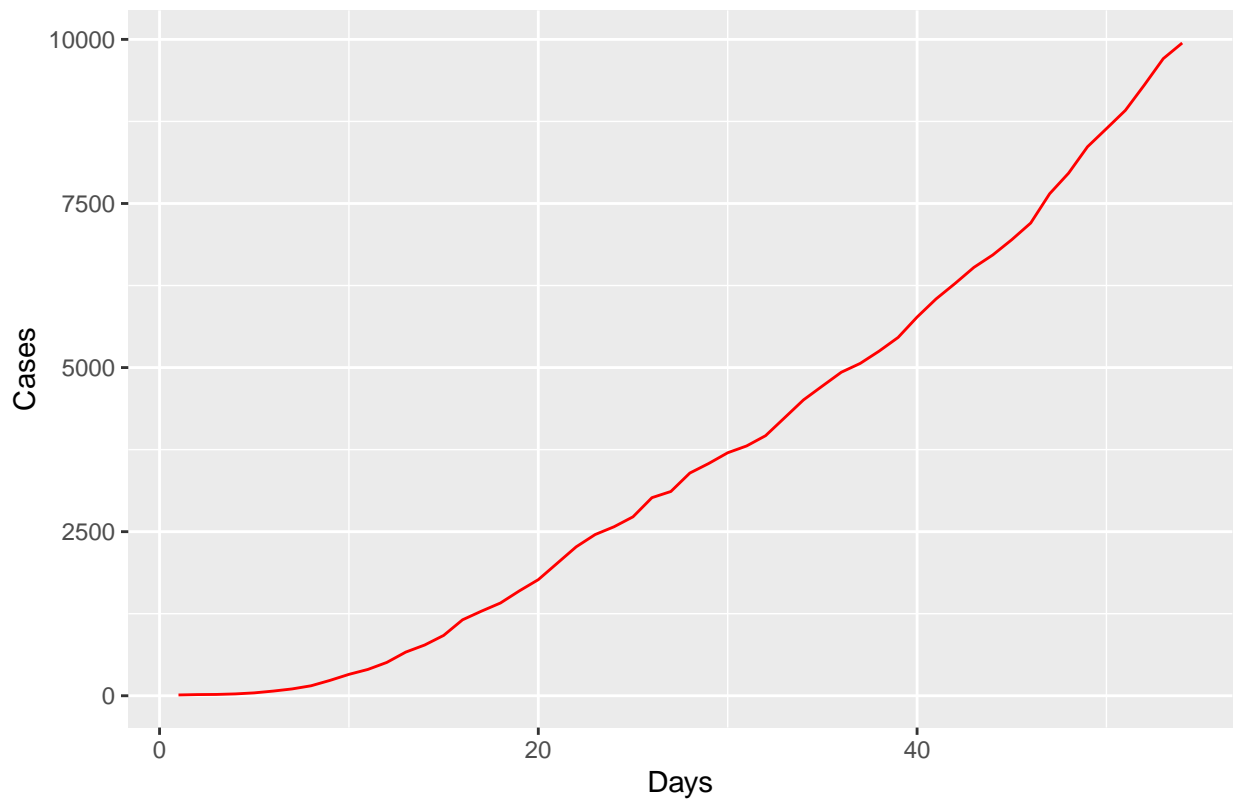
Arizona/US/India Corona Trends- 7th May 2020 with tomorrow's prediction

Whitchurch Muthumani

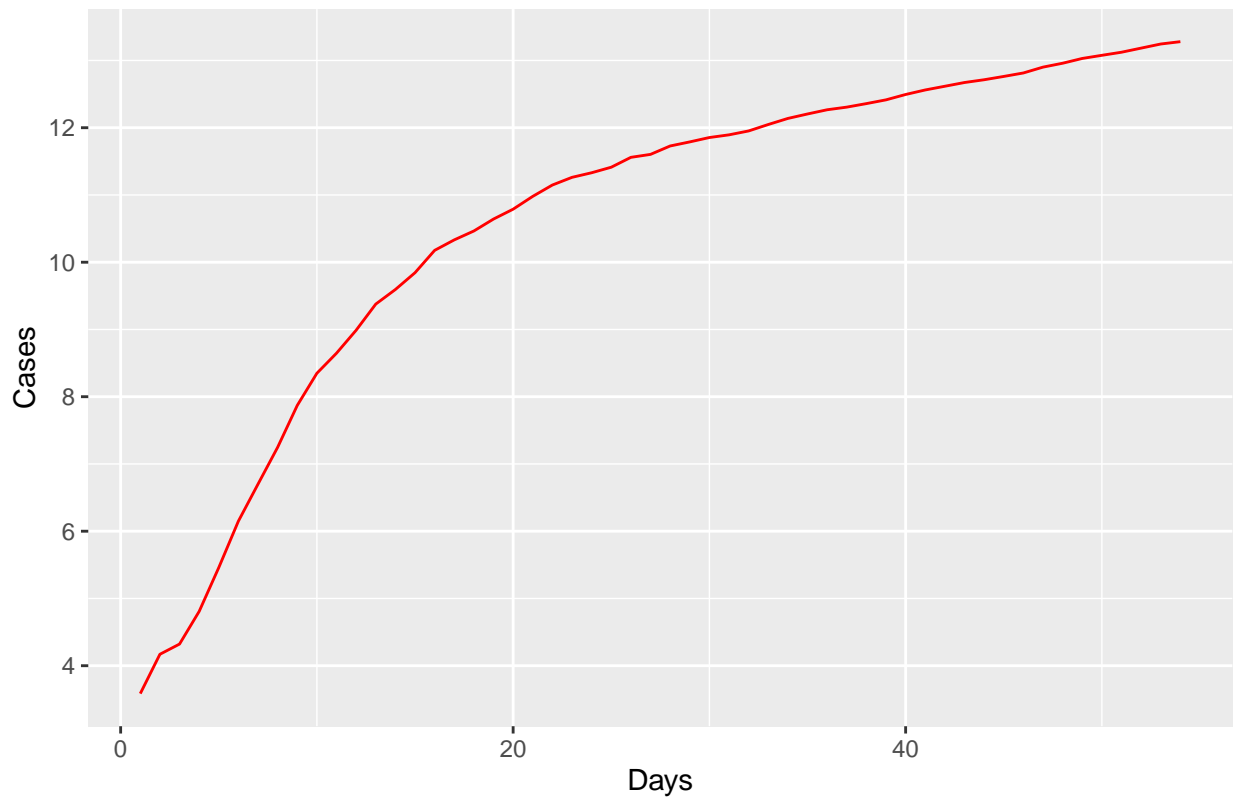
5/7/2020

Arizona Corona Dashboard

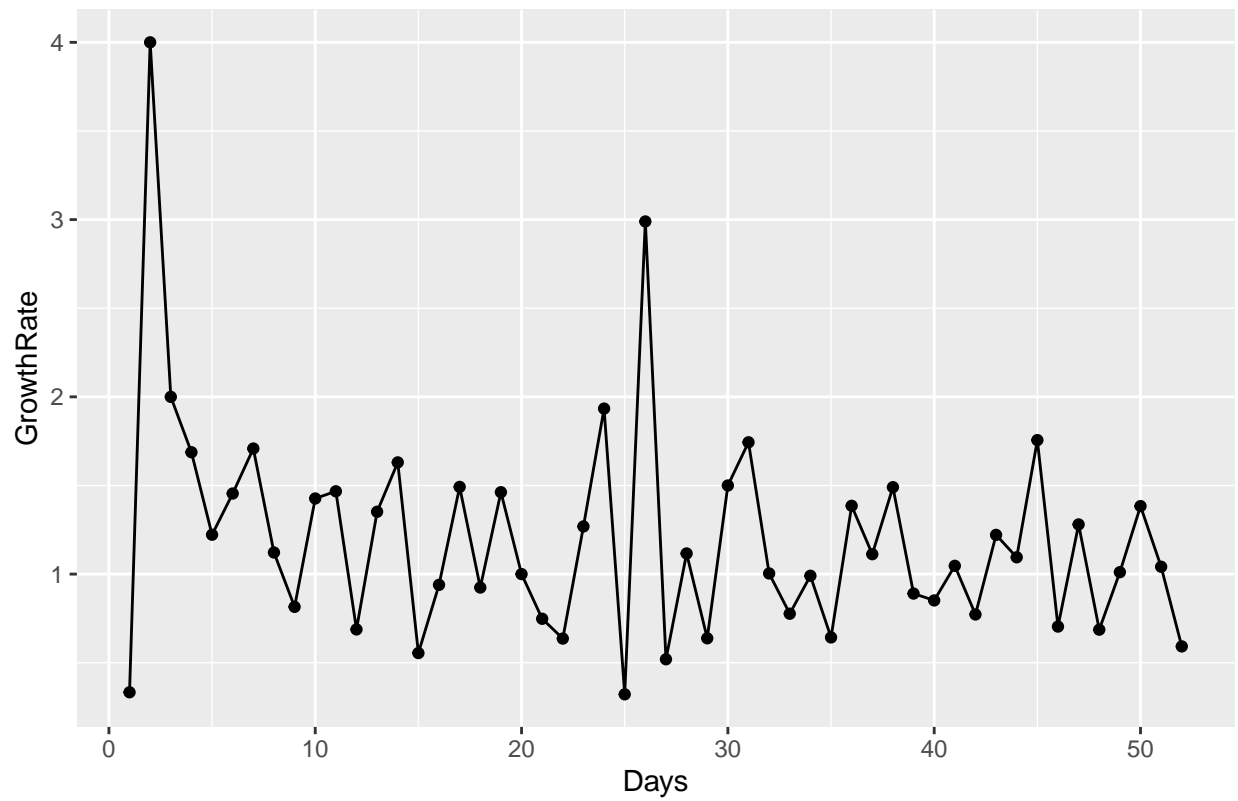
Arizona: Daily Cases

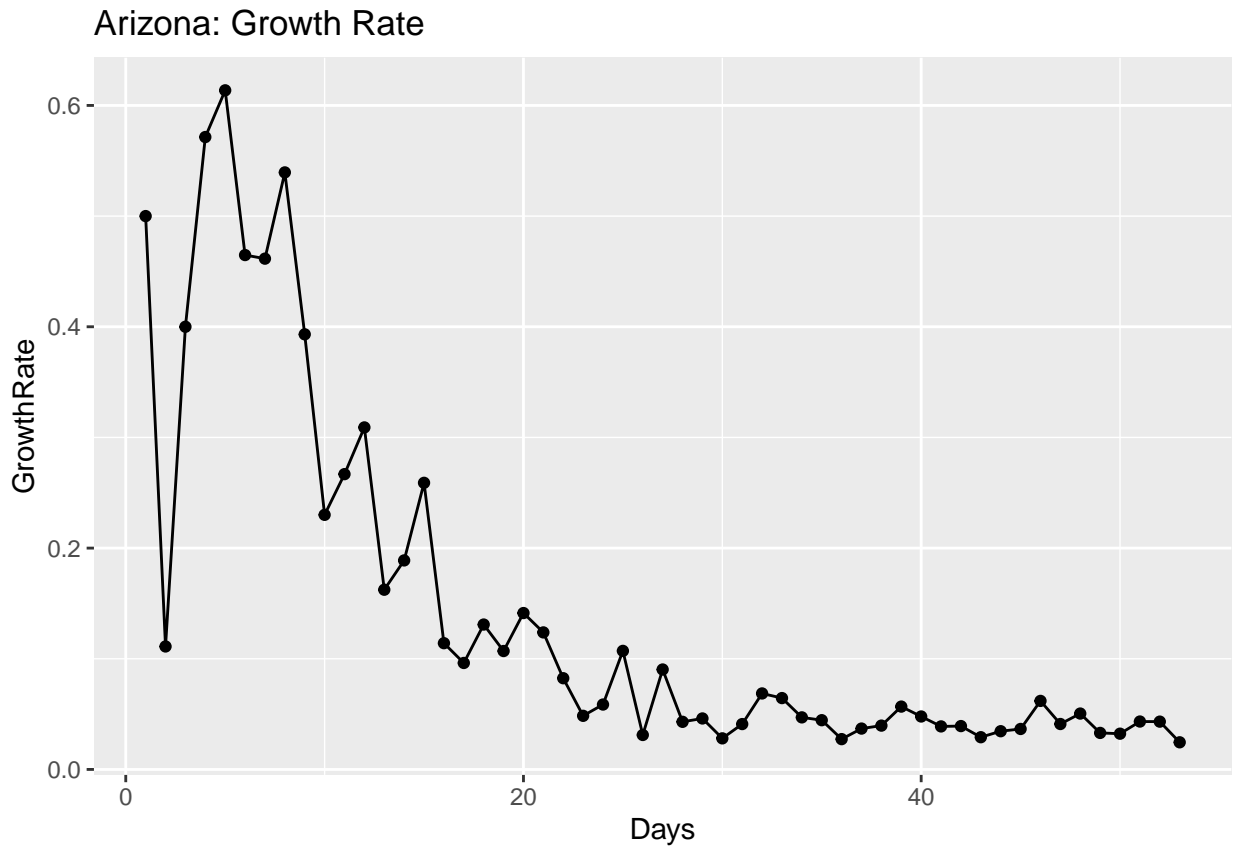


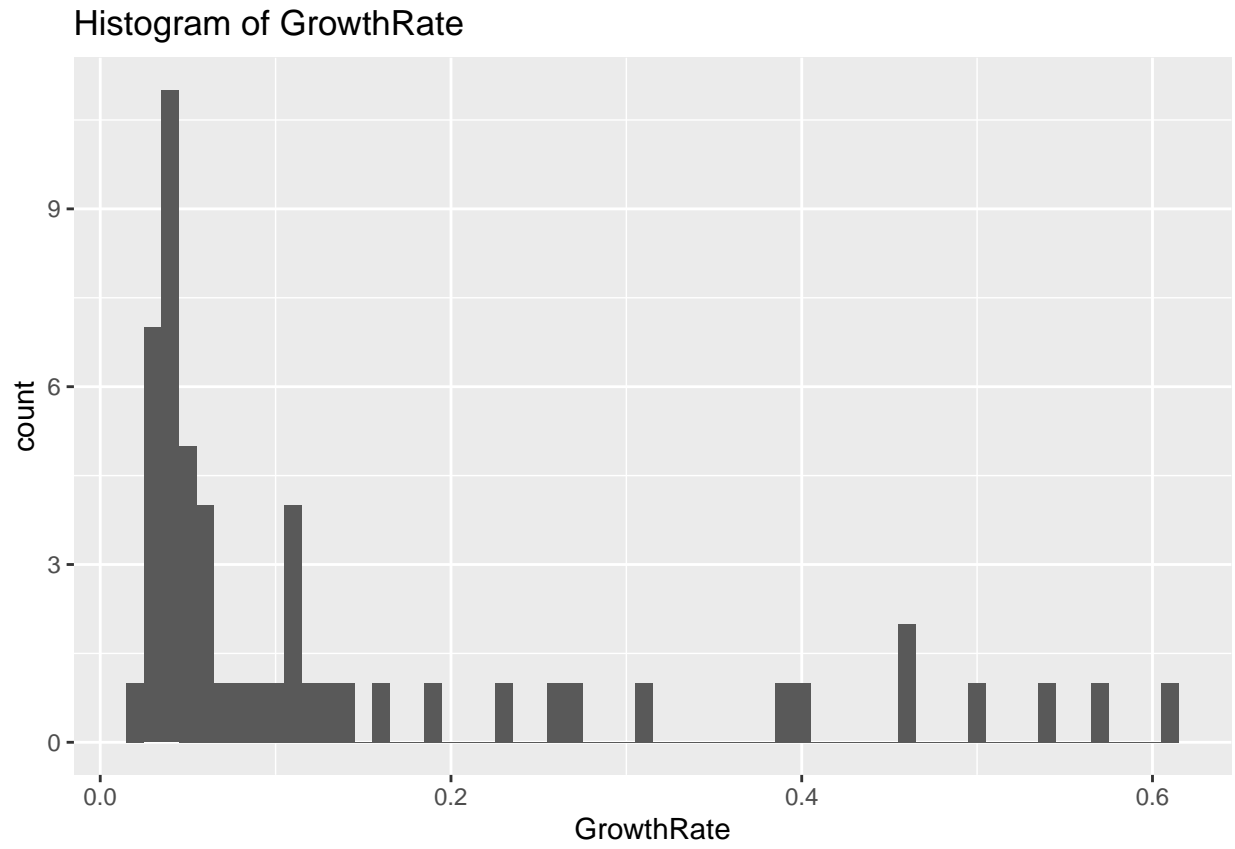
Arizona: Daily Cases

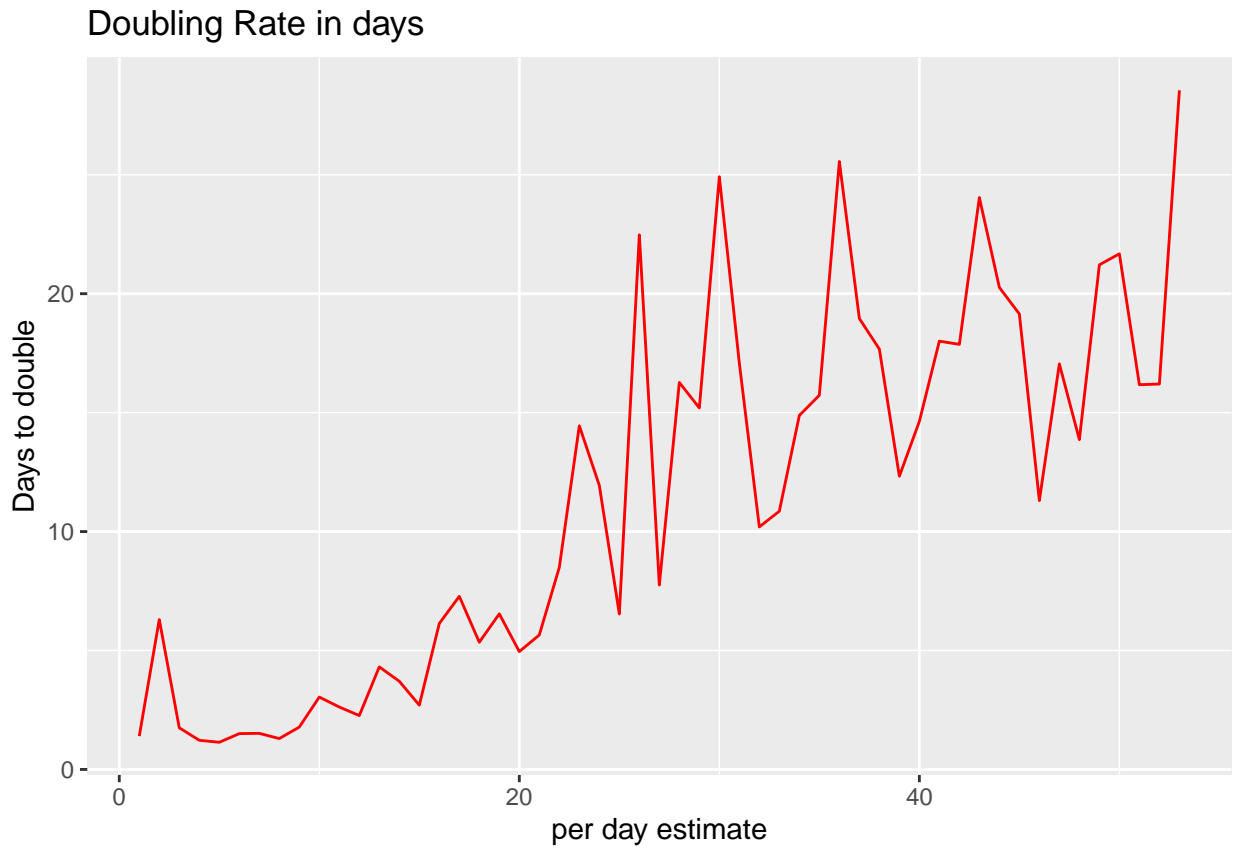


Arizona: Rate of change in Growth Rate

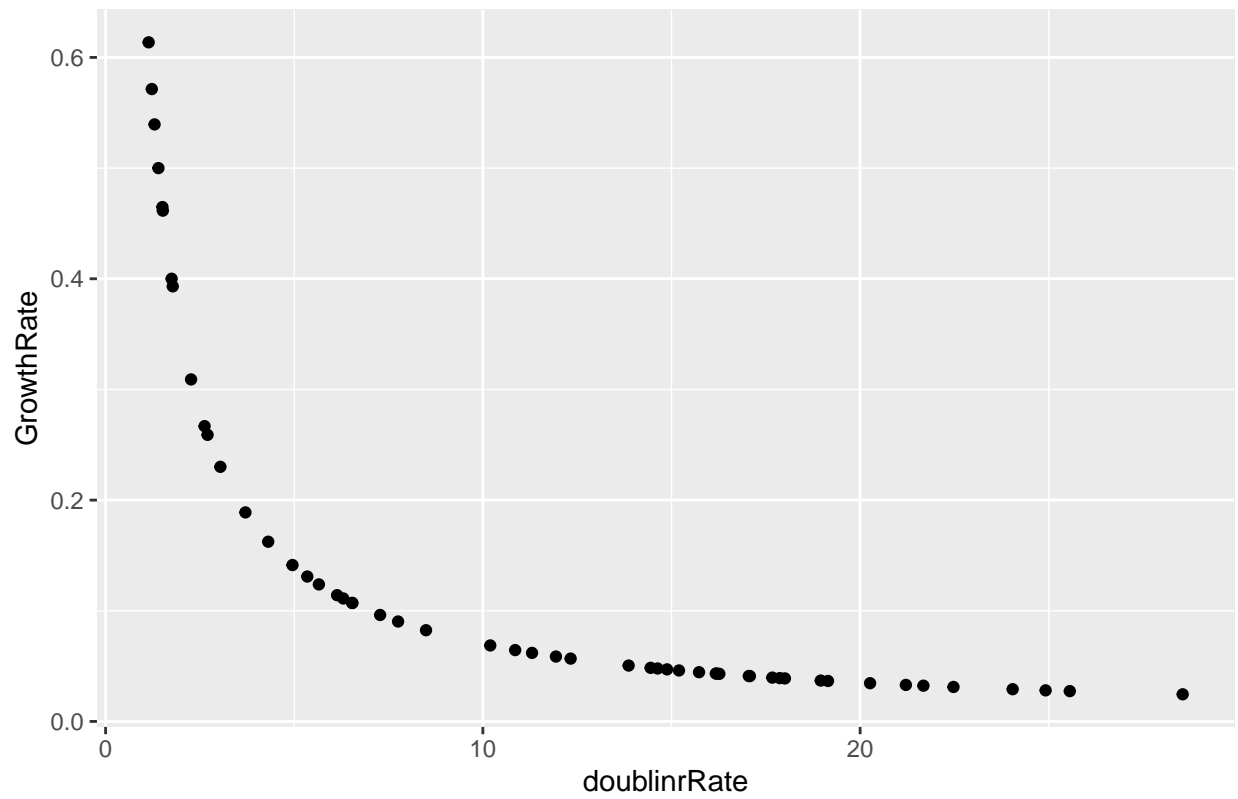


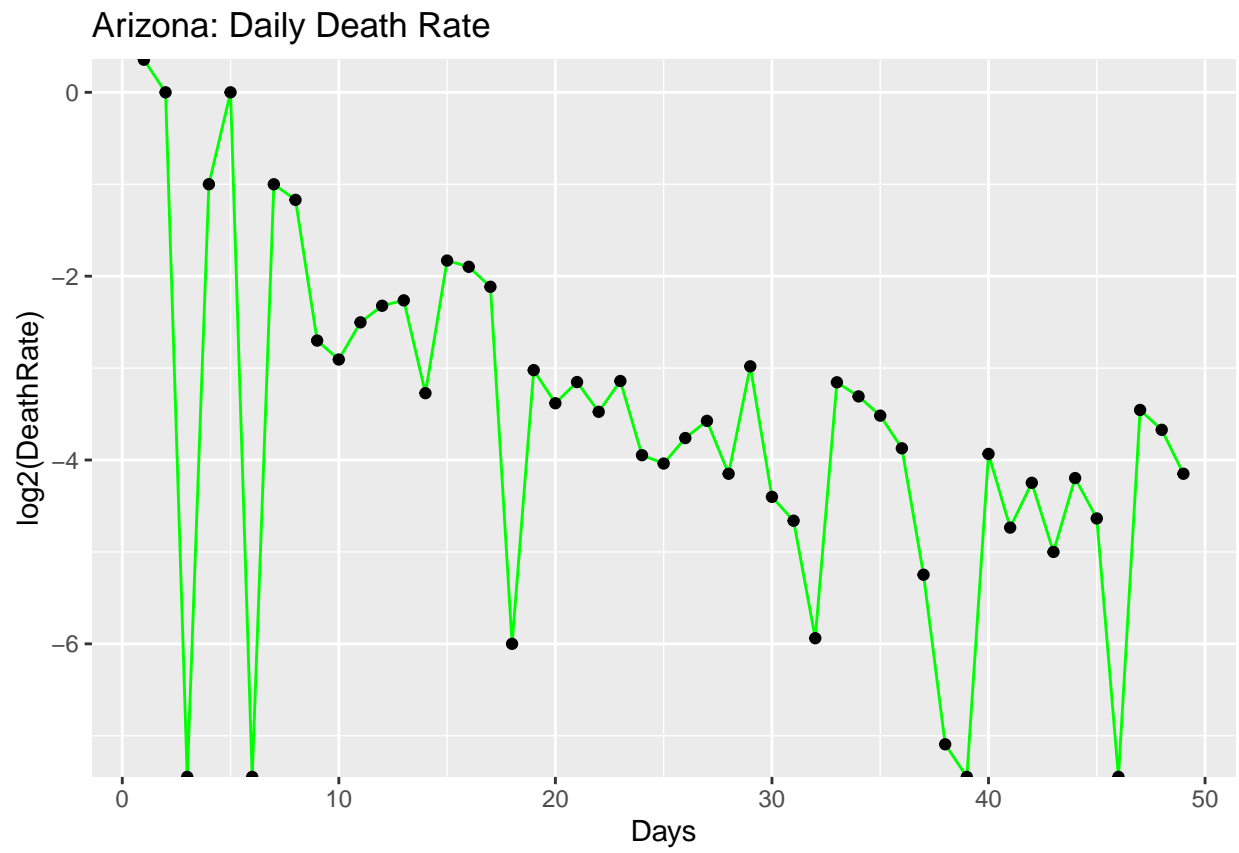


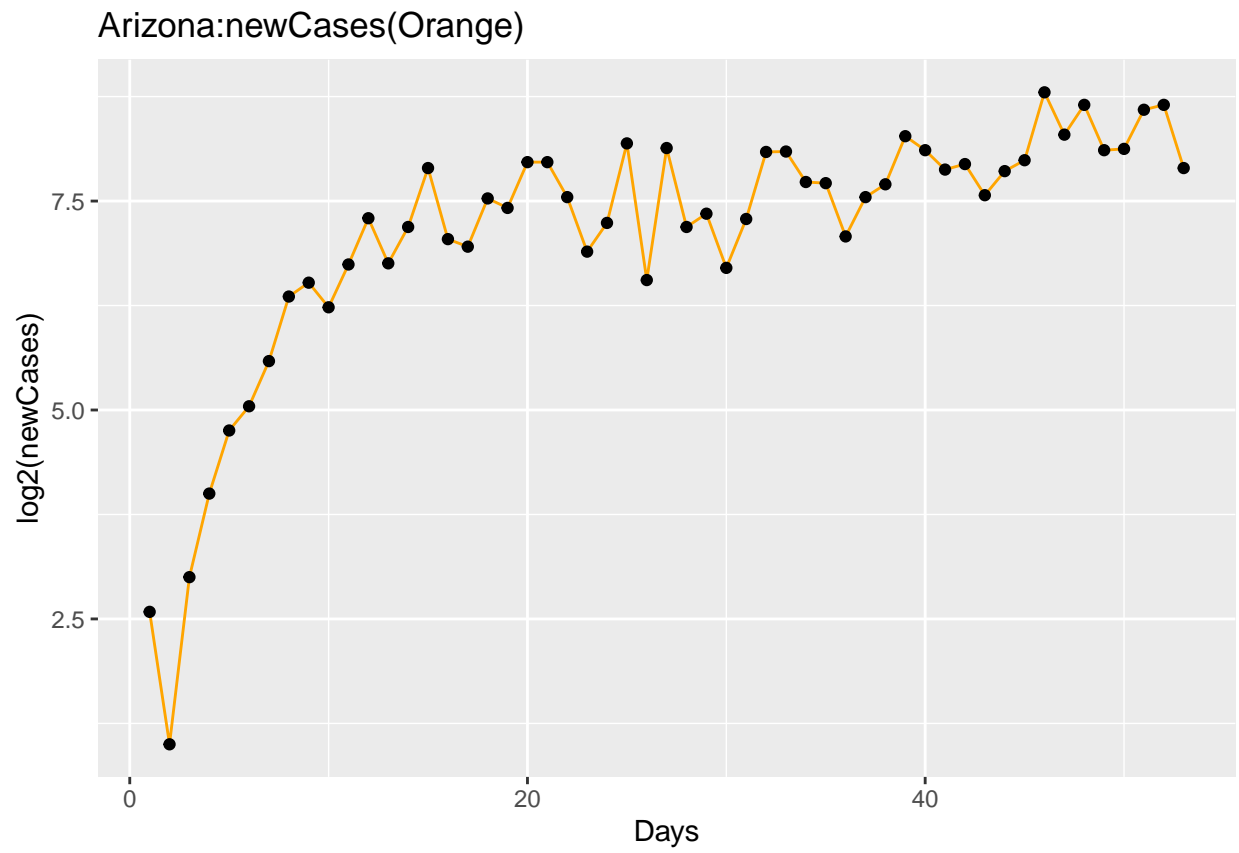




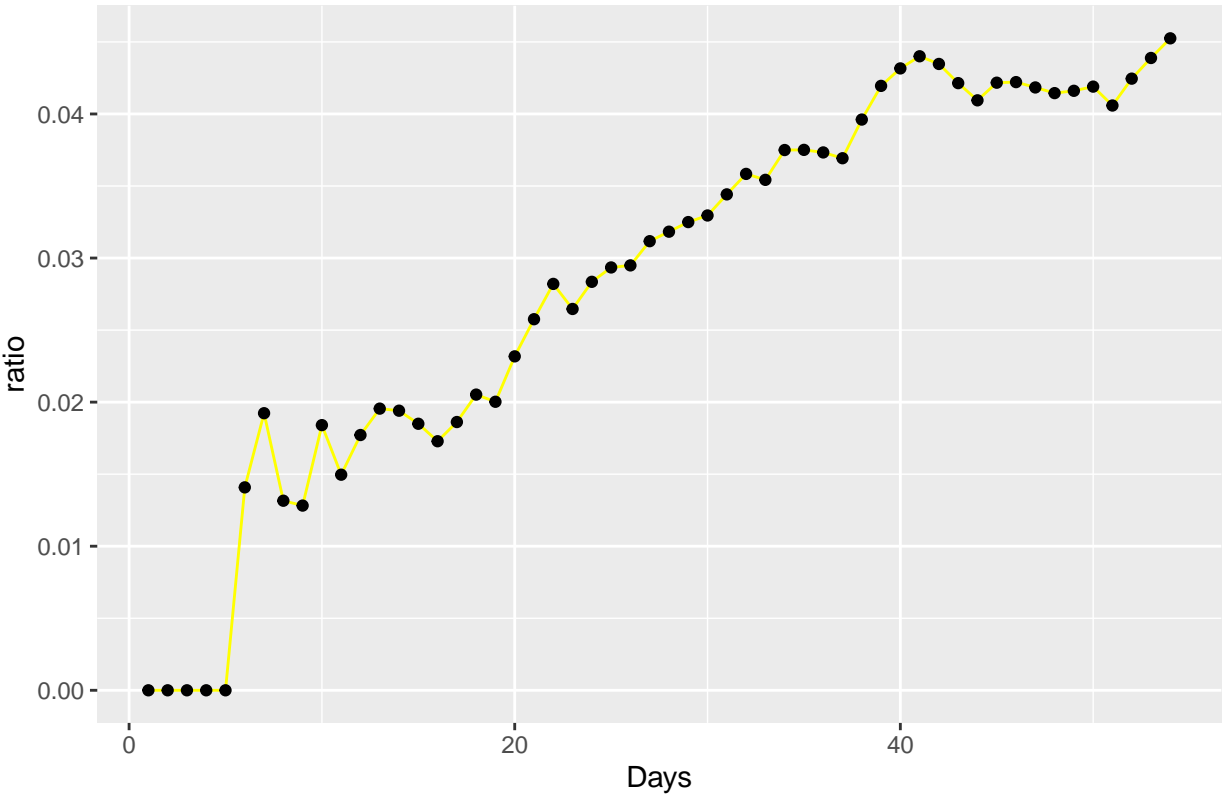
Doubling Rate vs Growth Rate

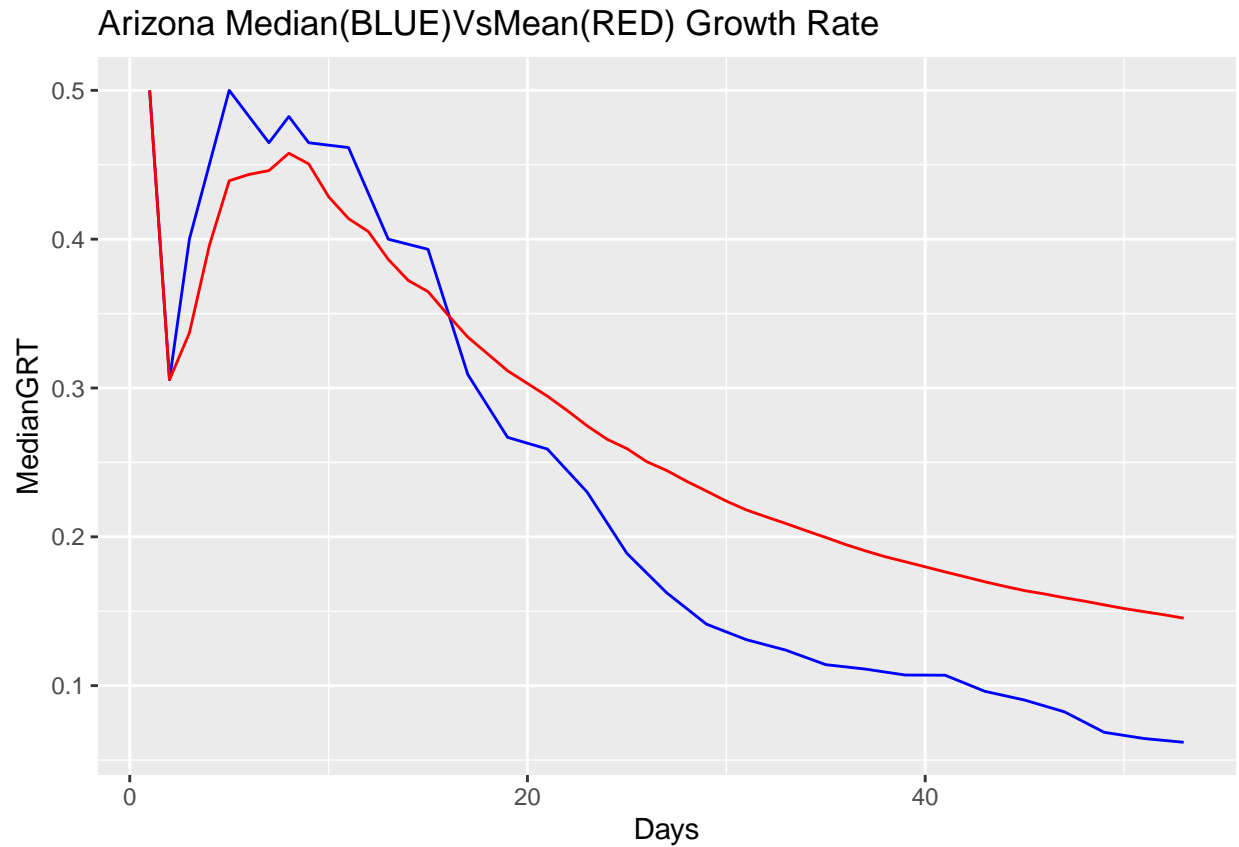






Arizona: TotalDeaths/TotalCases



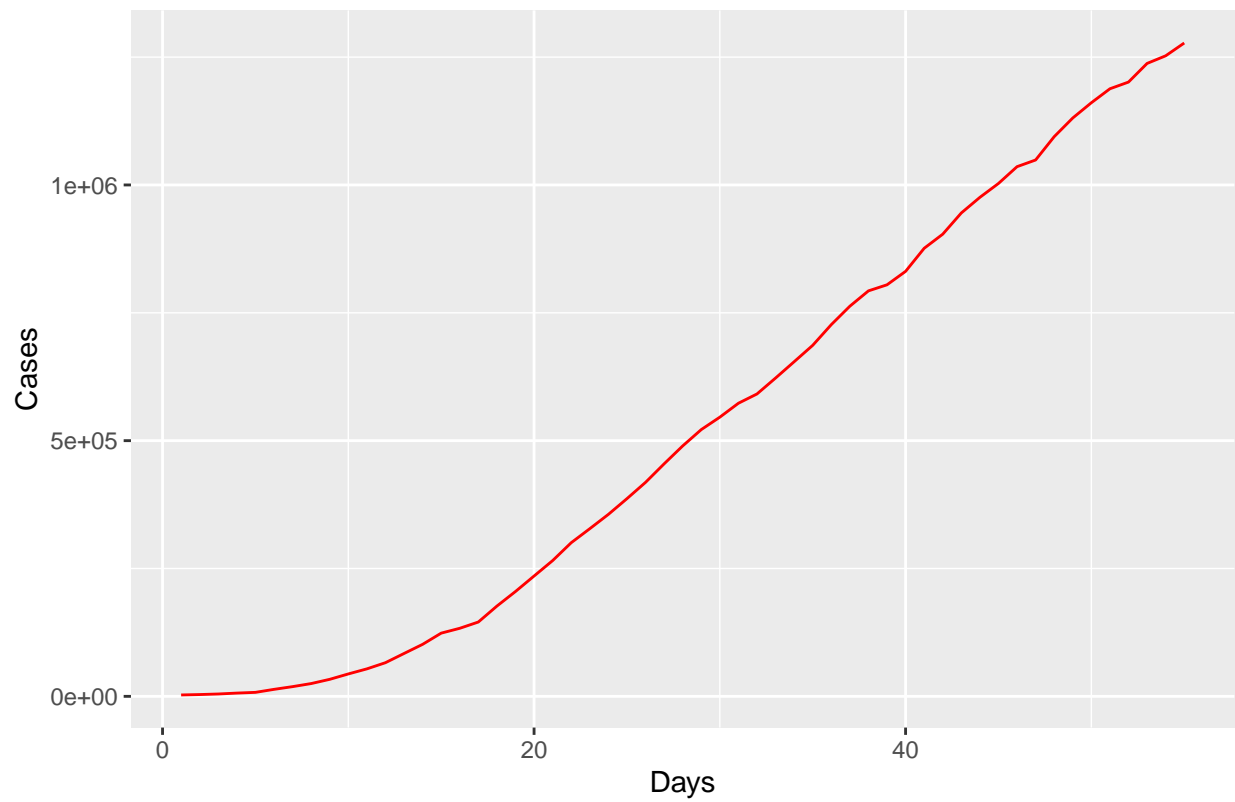


Results:

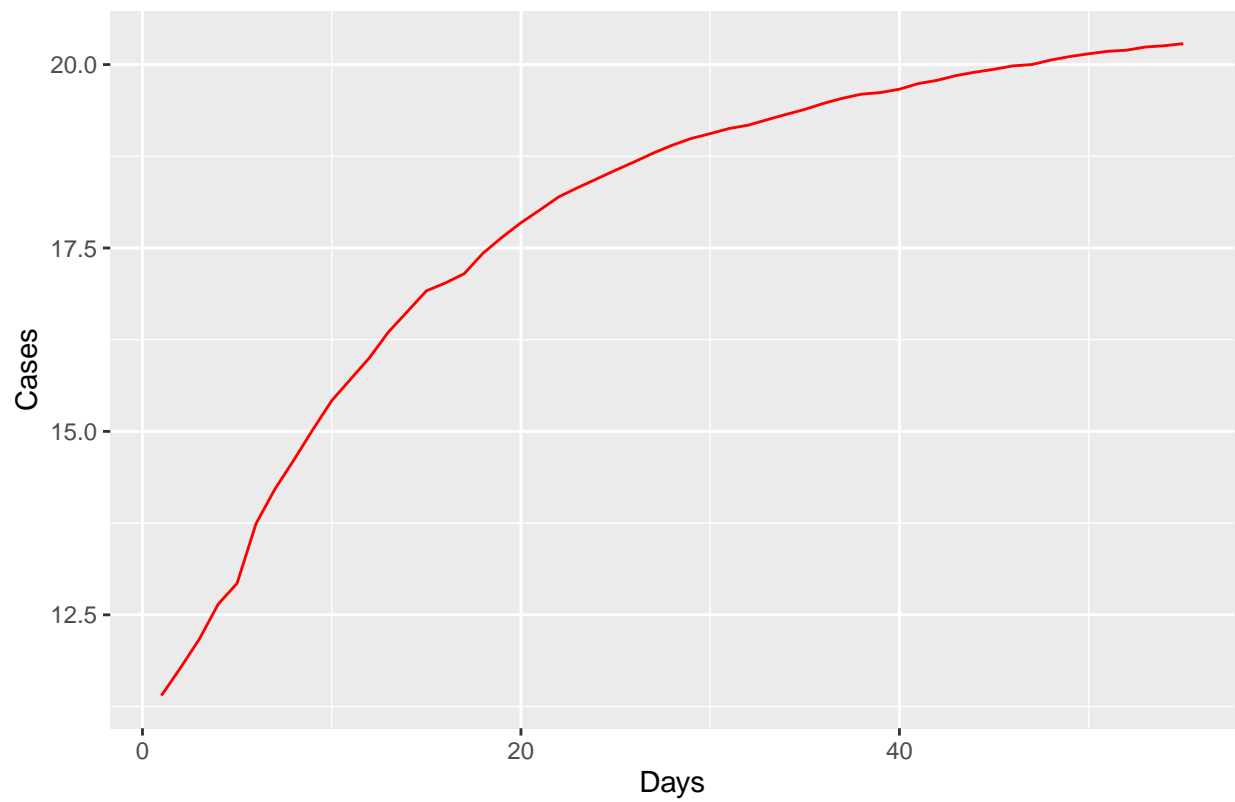
- Tomorrow's predicted case number is between 1.0188835×10^4 and 1.1390253×10^4 cases.
- Current doubling rate is **29 days**
- Mean doubling rate, i.e number of cases doubles every **5 days**.
- Median doubling rate, i.e number of cases doubles every **11 days**.
- Latest Observed Growth Rate **2.4518389** percent.
- Mean Growth Rate: **14.5324598** percent.
- Median Growth Rate: **6.1927242** percent.
- Standard deviation: +/- **16.3996567**.

US Corona Dashboard

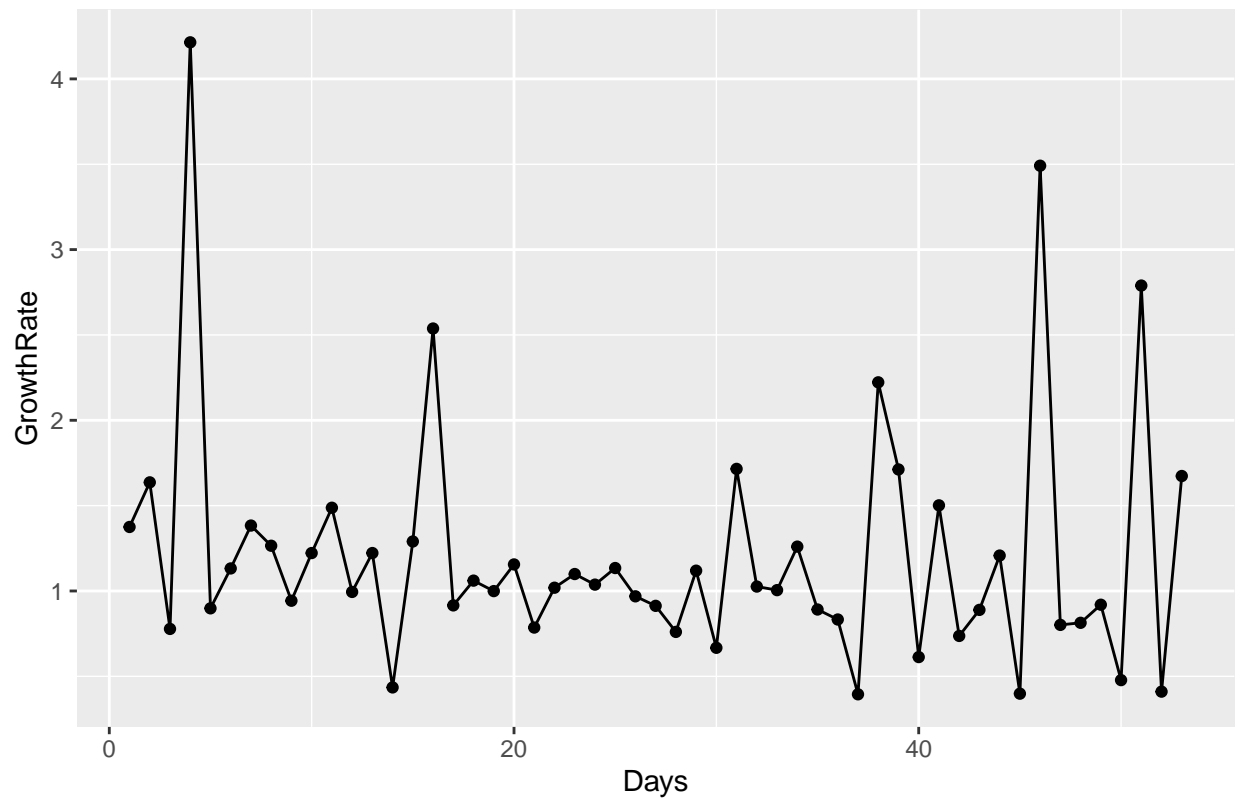
US: Daily Cases



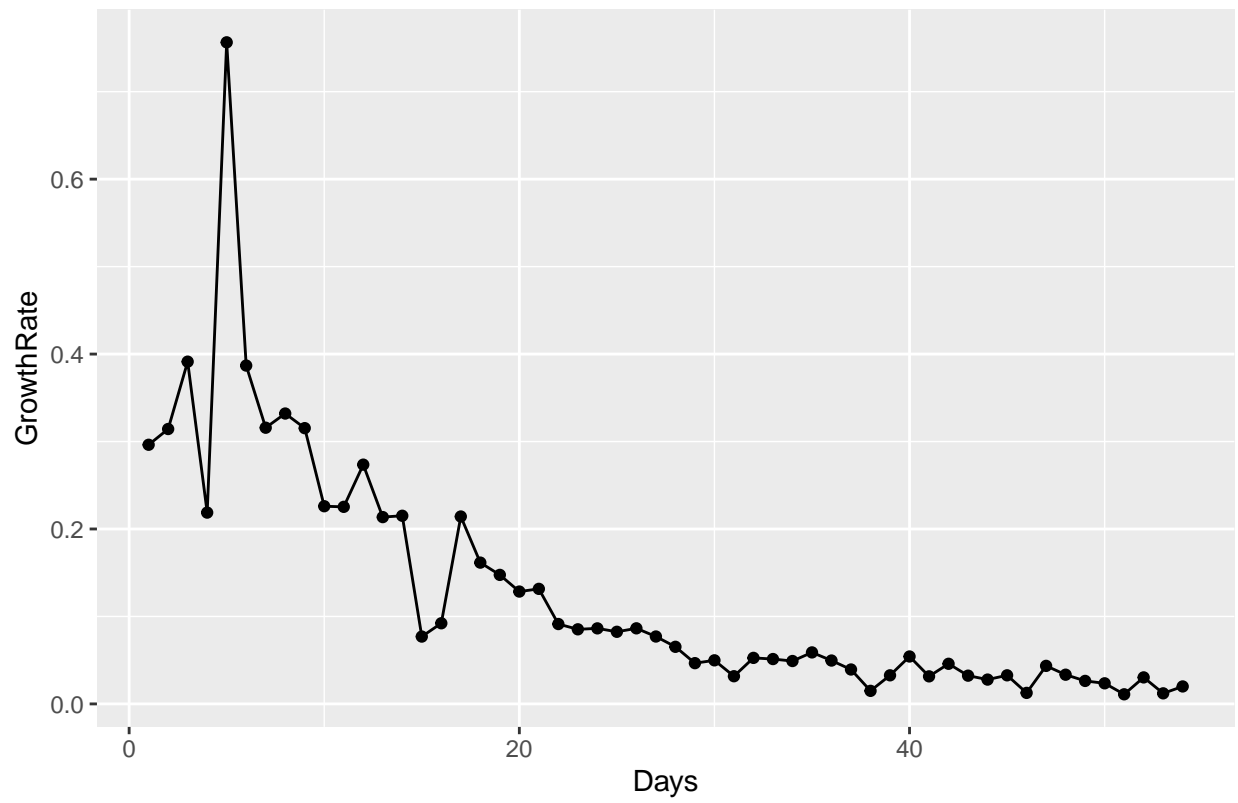
US: Daily Cases



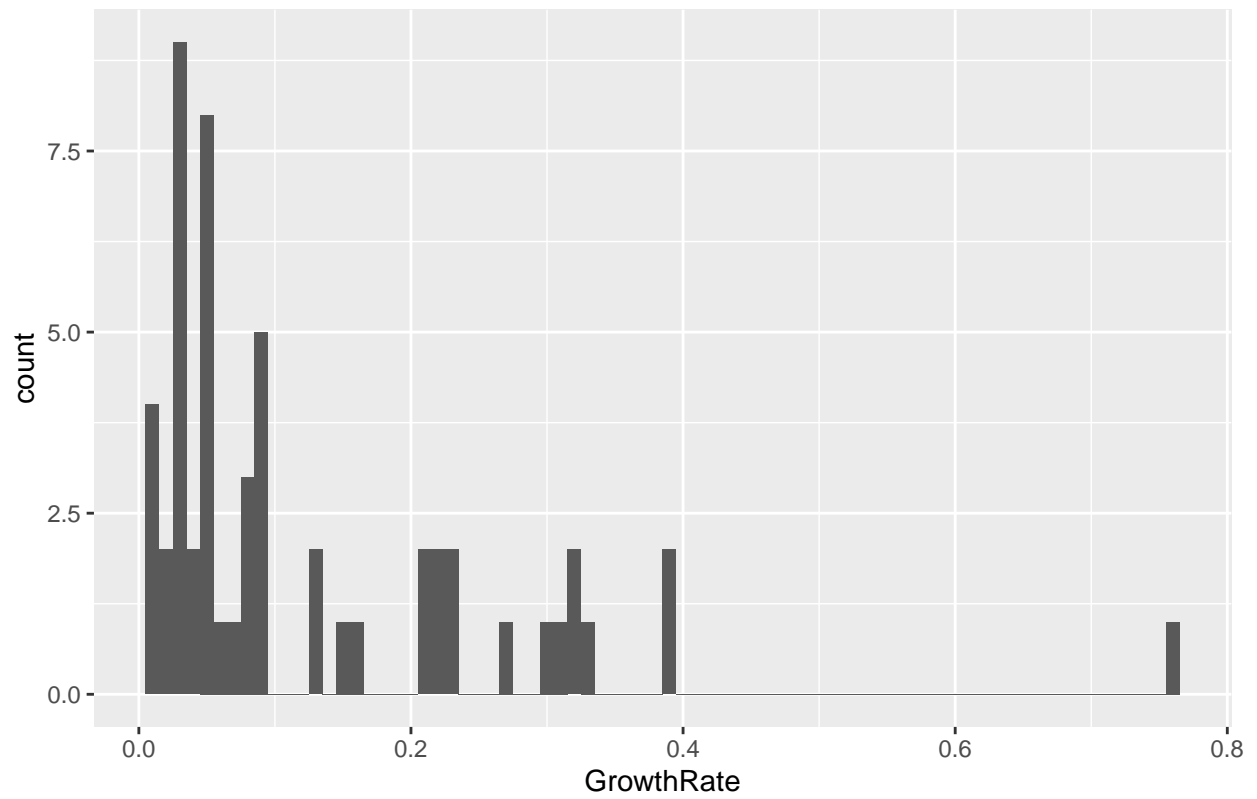
US: Rate of change in Growth Rate

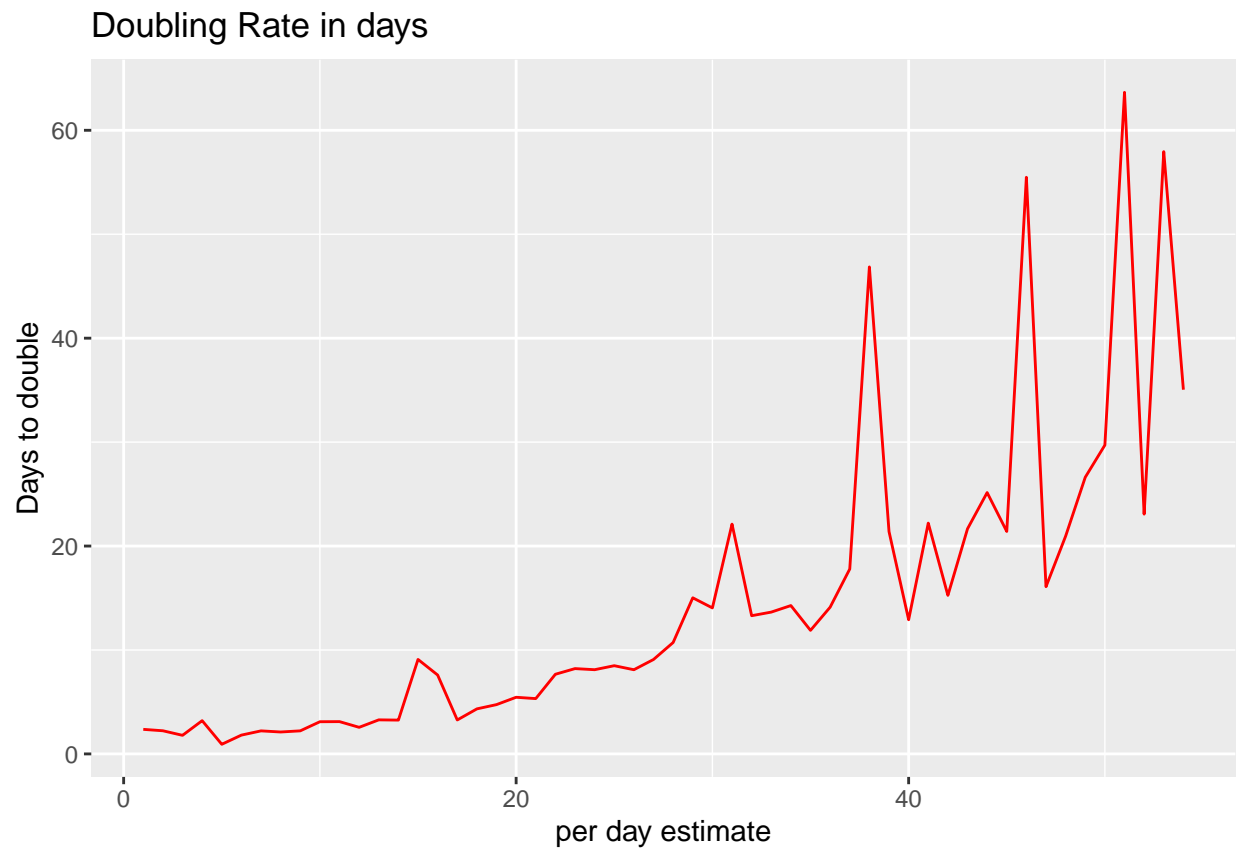


US: Growth Rate

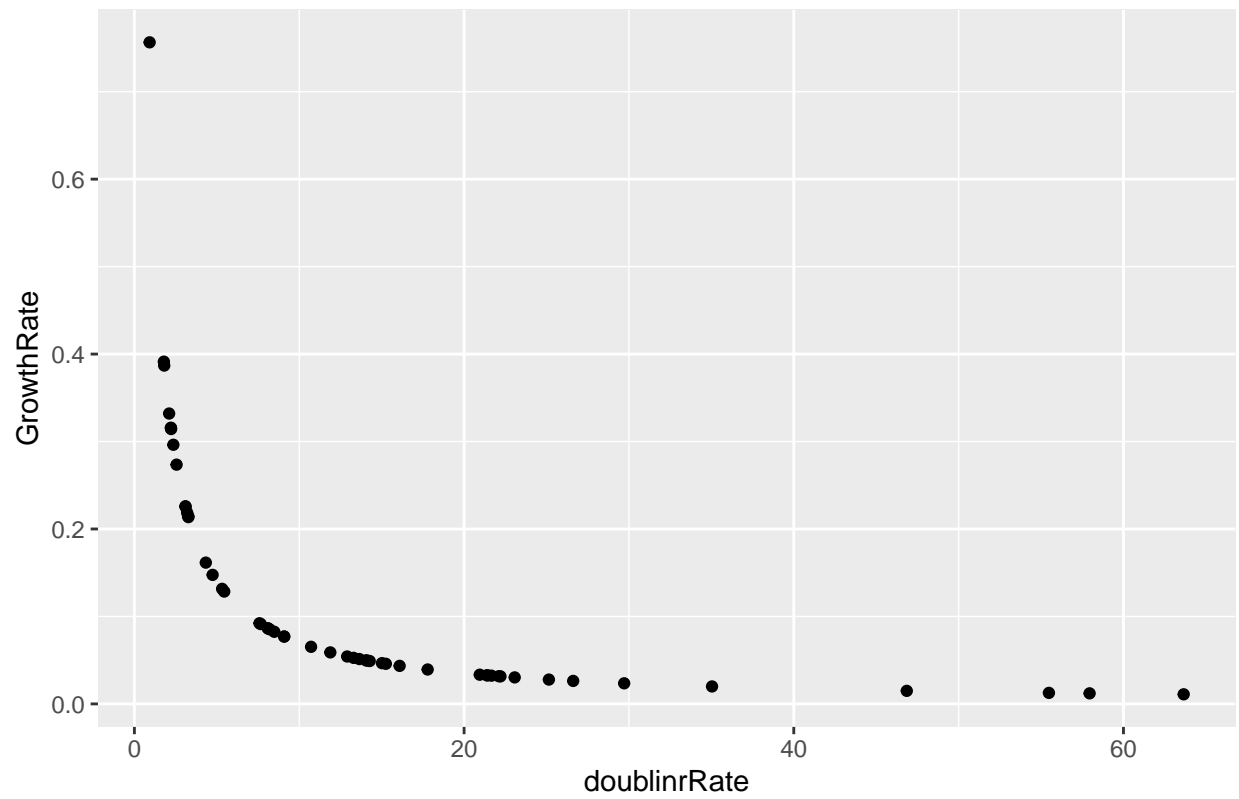


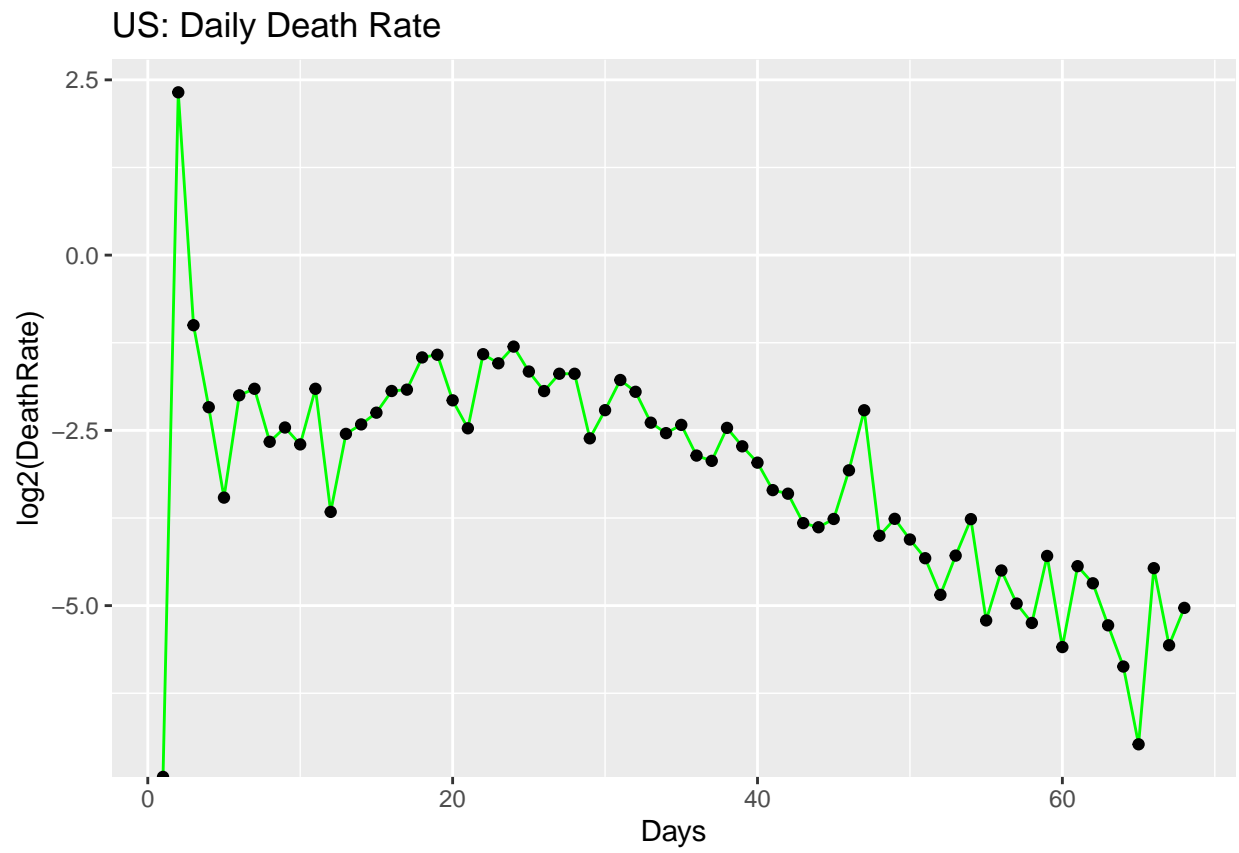
Histogram of GrowthRate

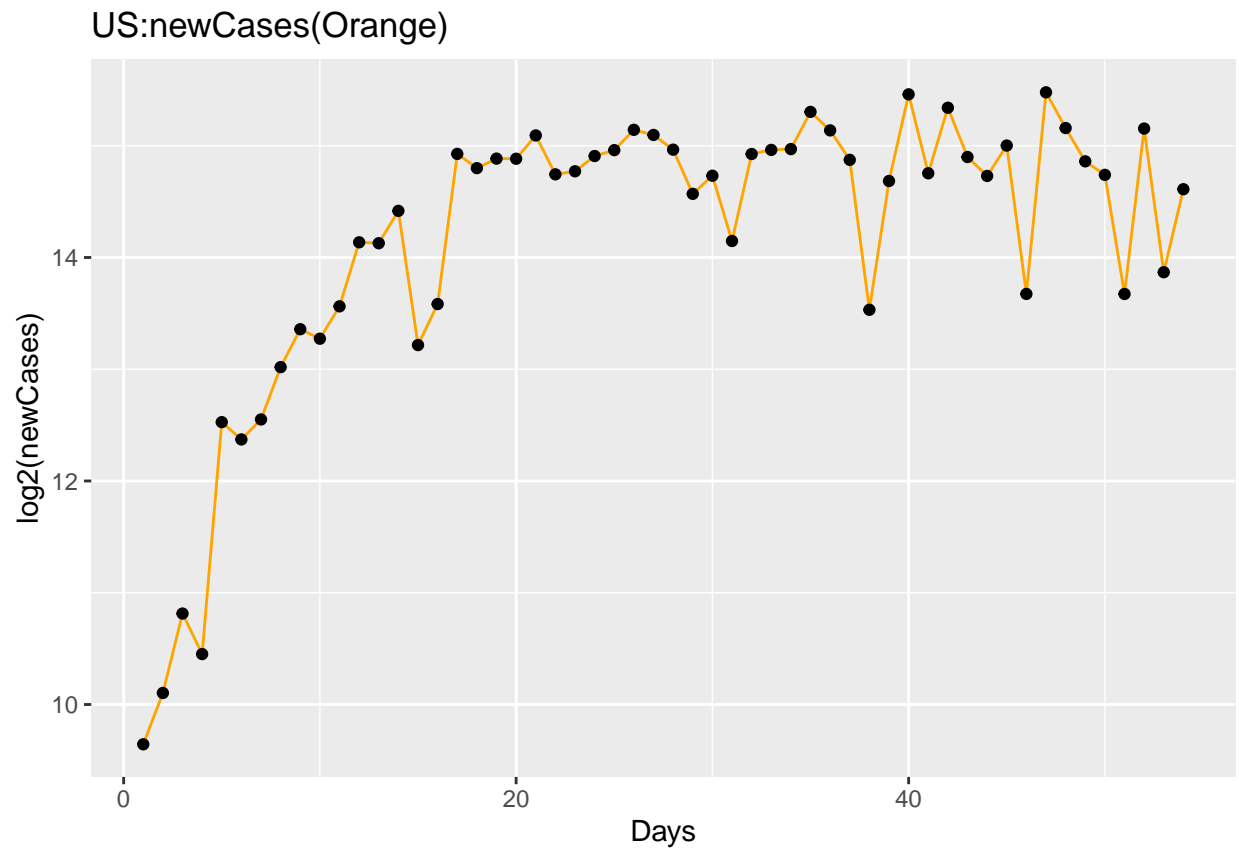


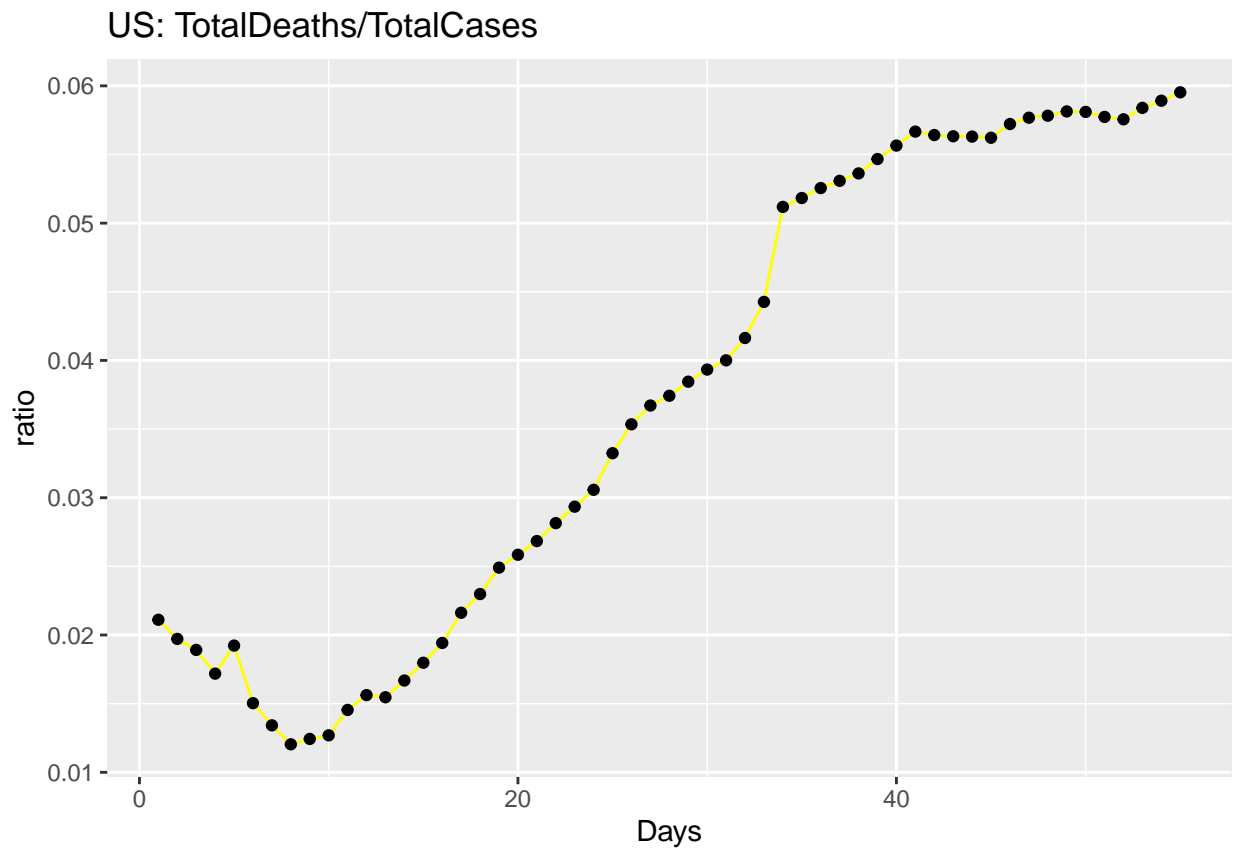


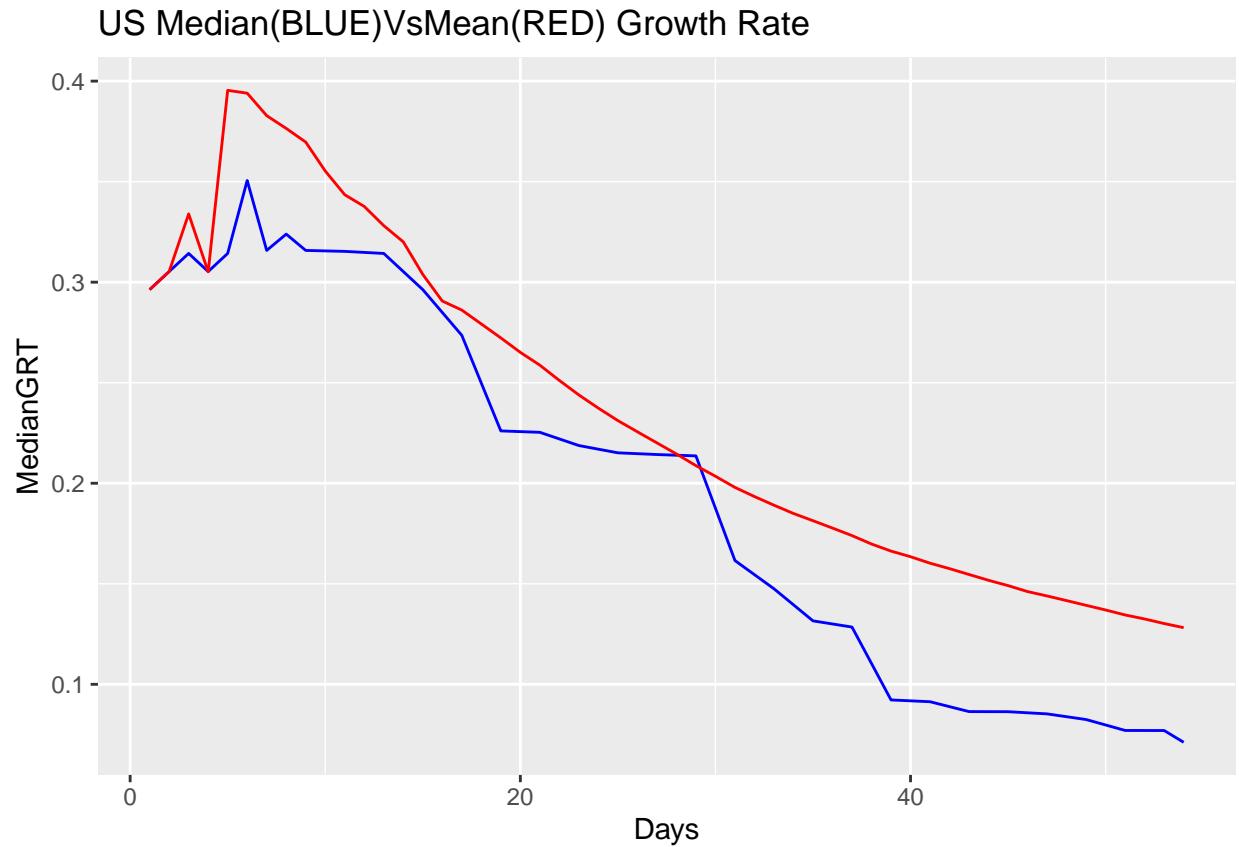
Doubling Rate vs Growth Rate









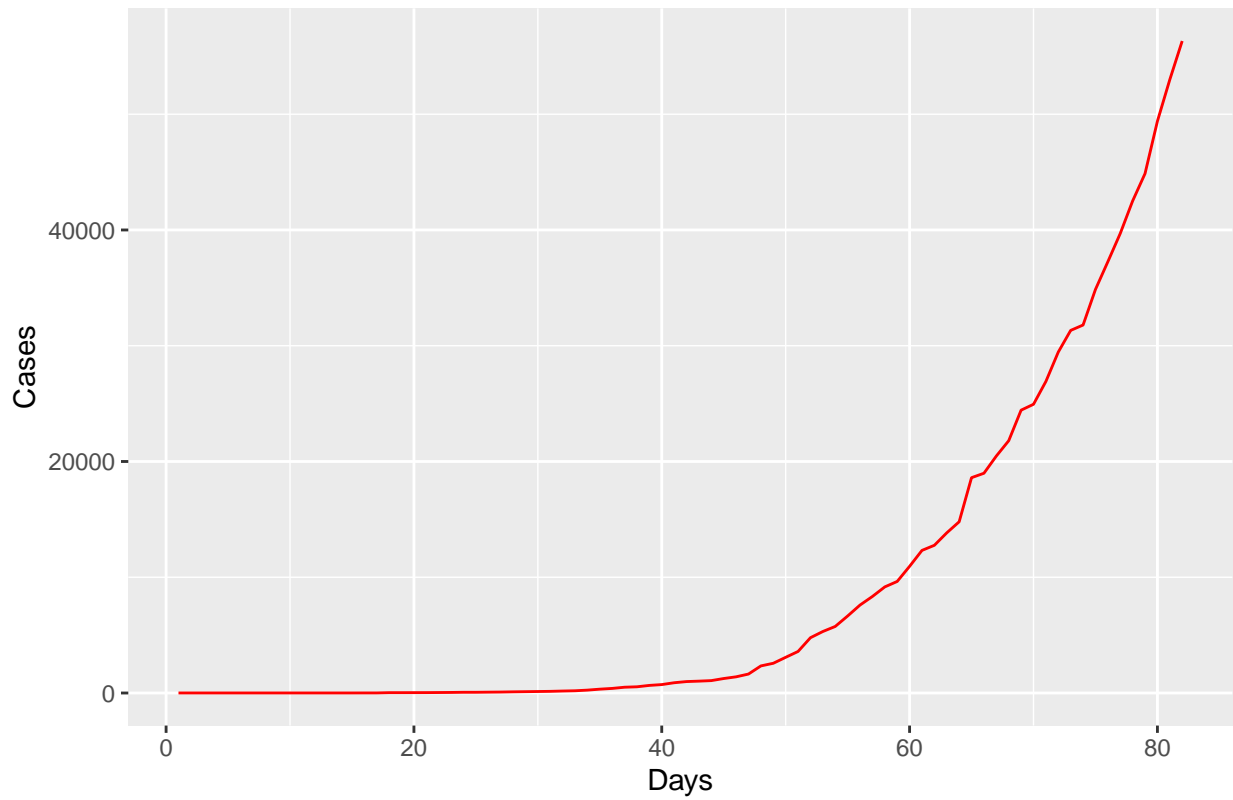


Results:

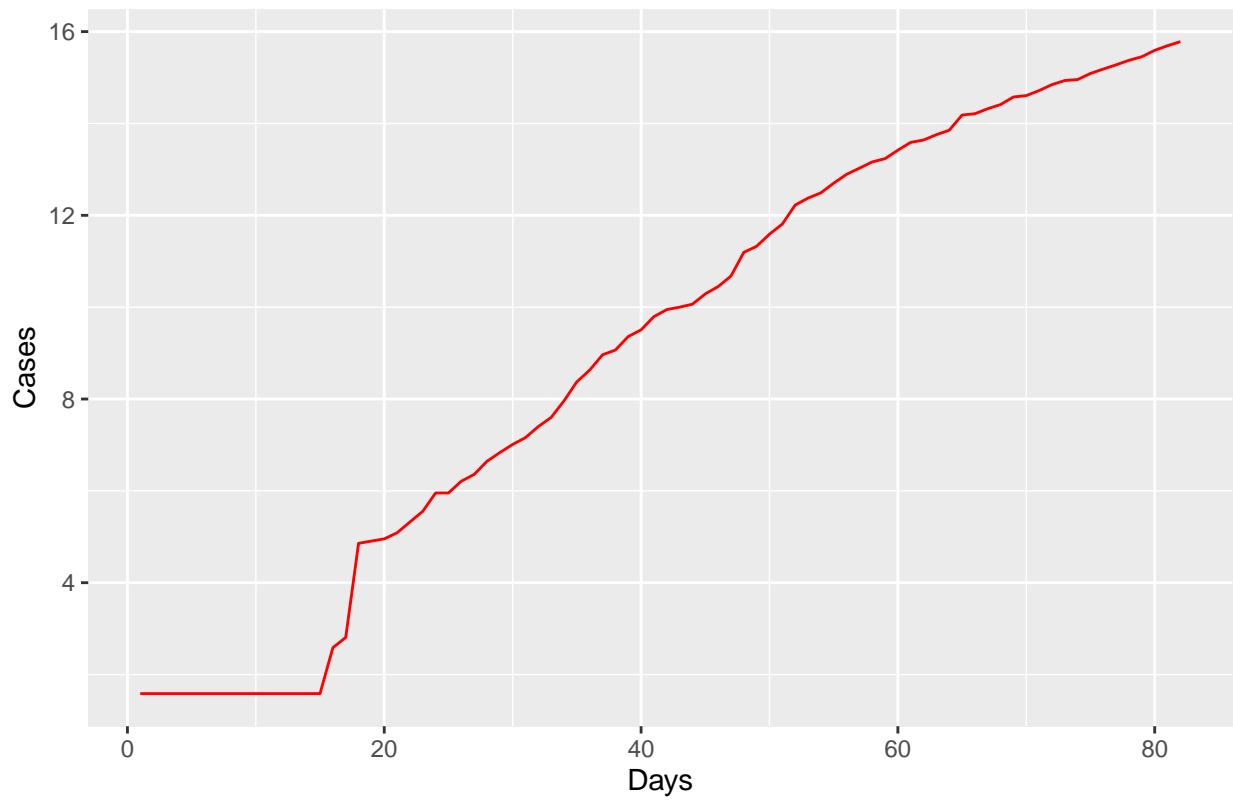
- Tomorrow's predicted case number is between 1.3031278×10^6 and 1.4413605×10^6 cases.
- Current doubling rate is **35 days**
- Mean doubling rate, i.e number of cases doubles every **5 days**.
- Median doubling rate, i.e number of cases doubles every **10 days**.
- Latest Observed Growth Rate **1.9976305** percent.
- Mean Growth Rate: **12.8172901** percent.
- Median Growth Rate: **7.1155181** percent.
- Standard deviation: +/- **13.919768**.

India Corona Dashboard

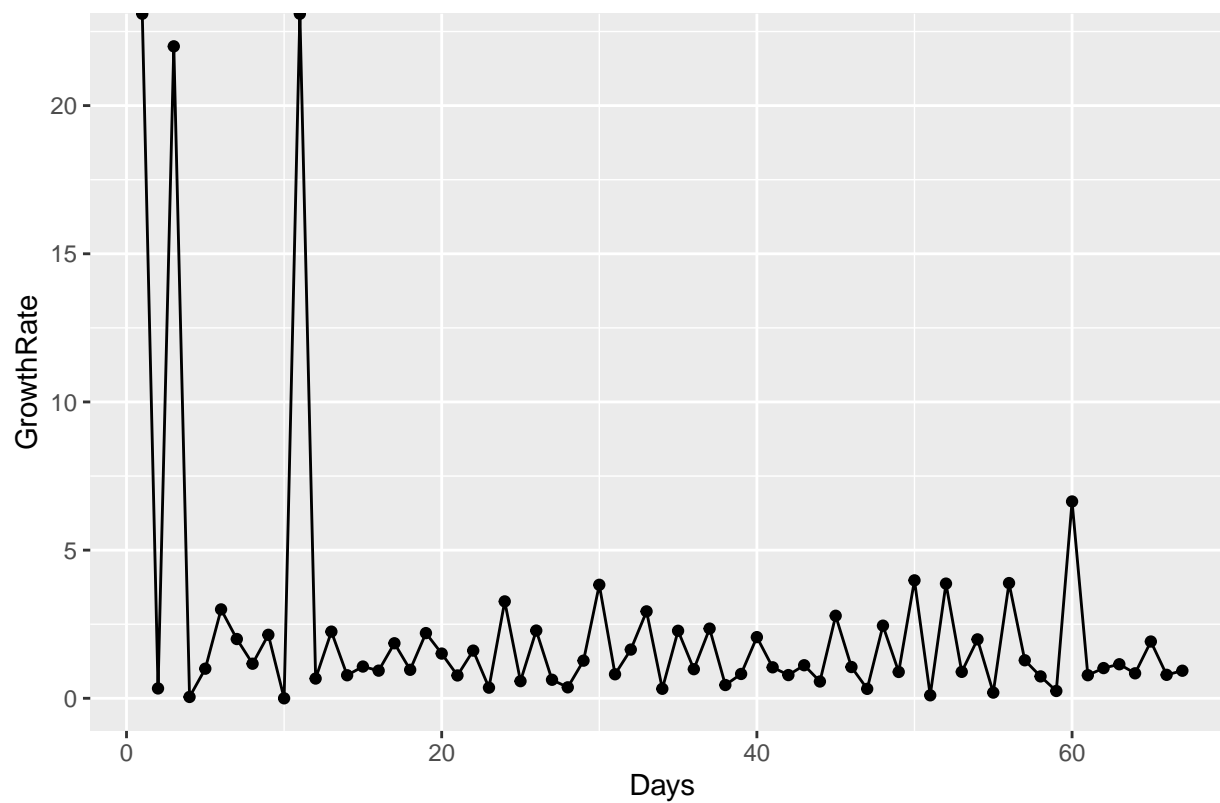
India: Daily Cases

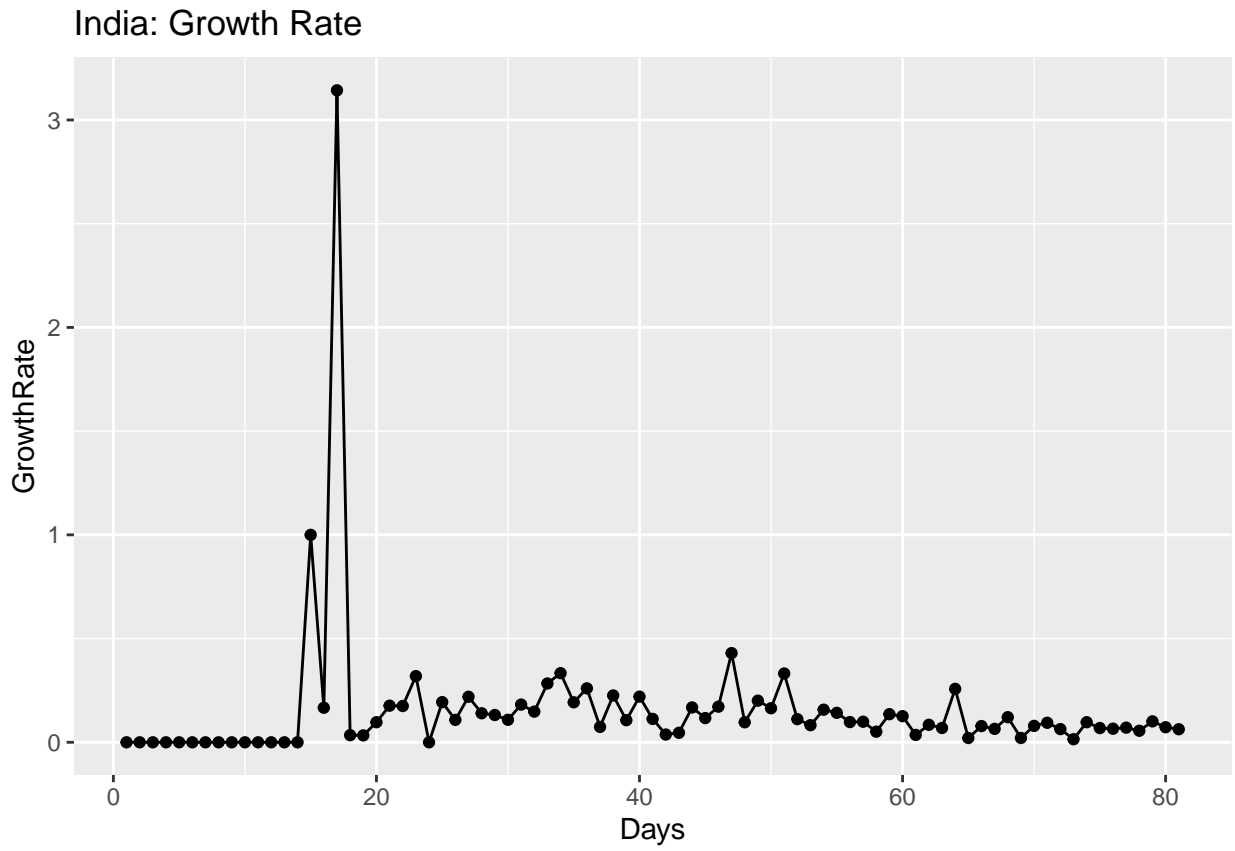


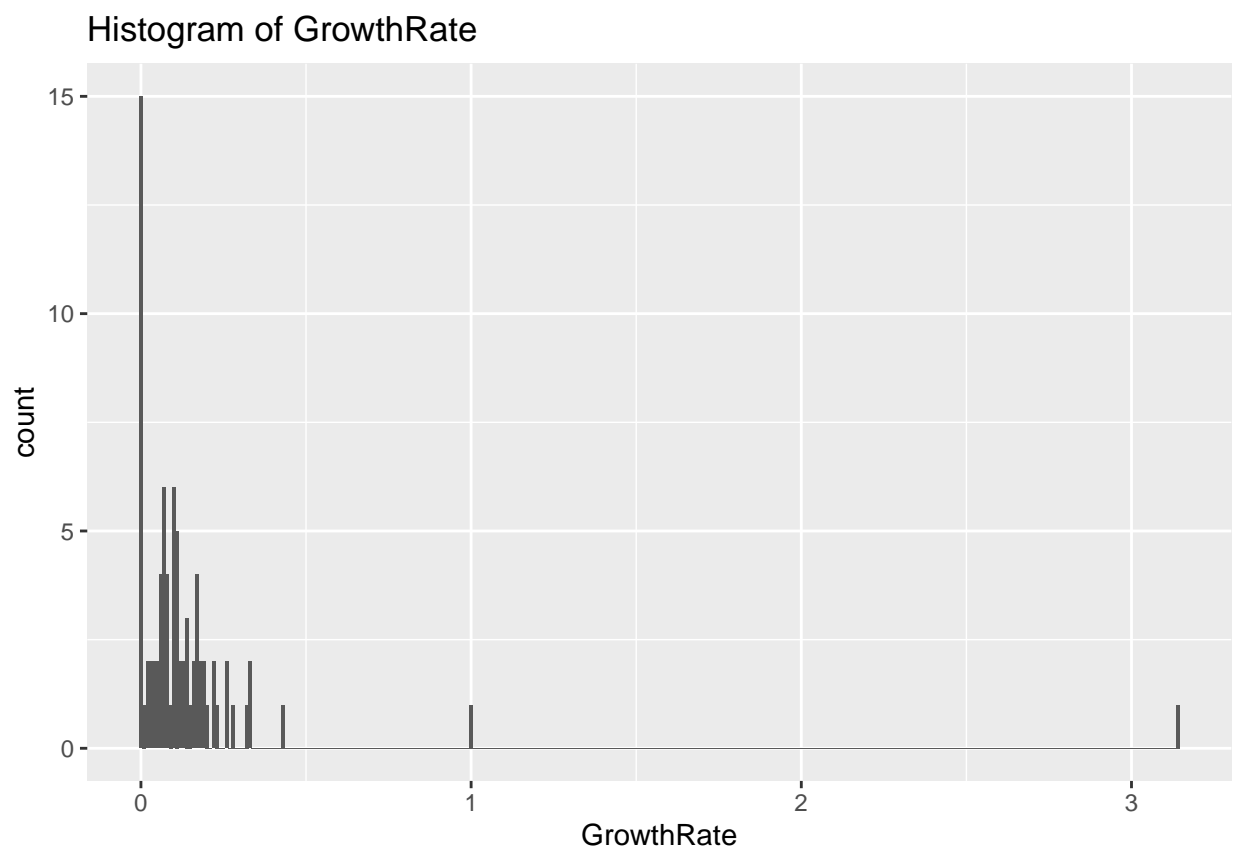
India: Daily Cases

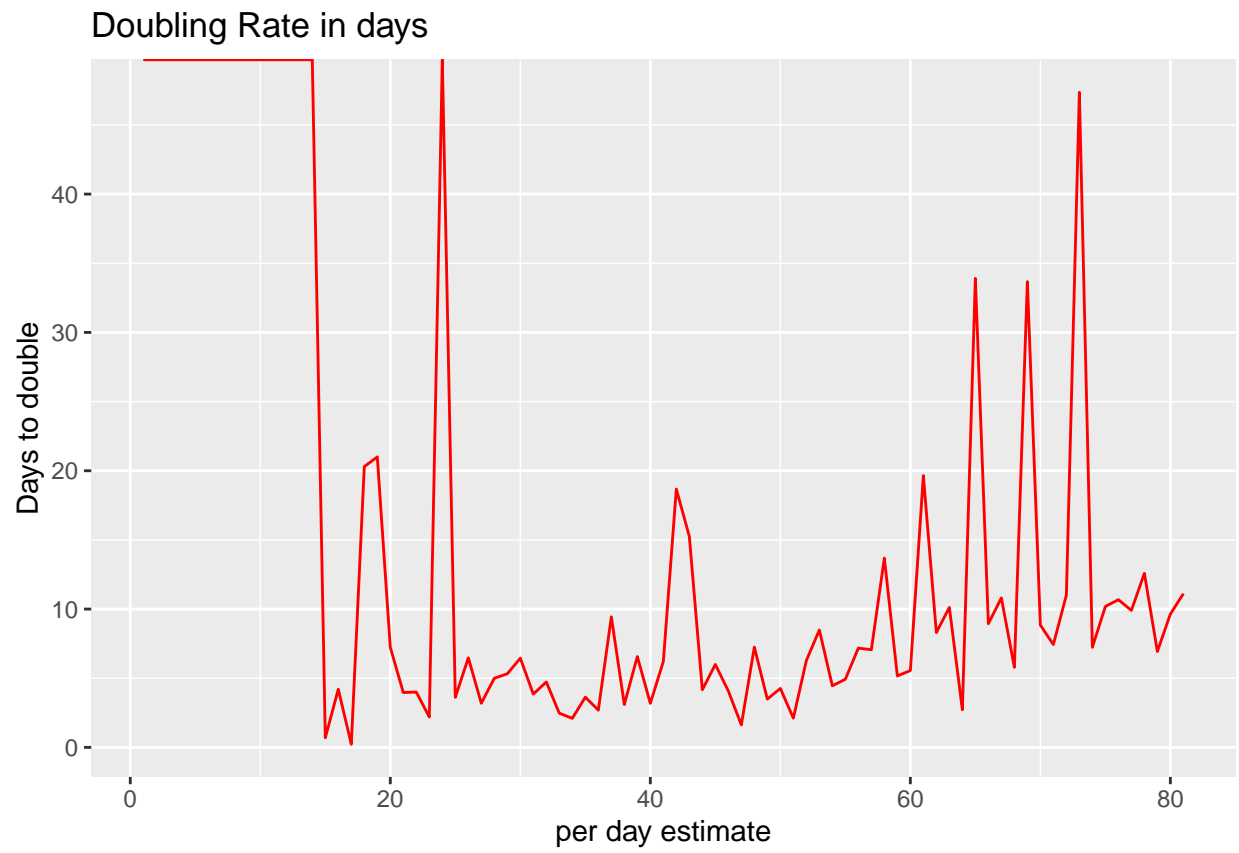


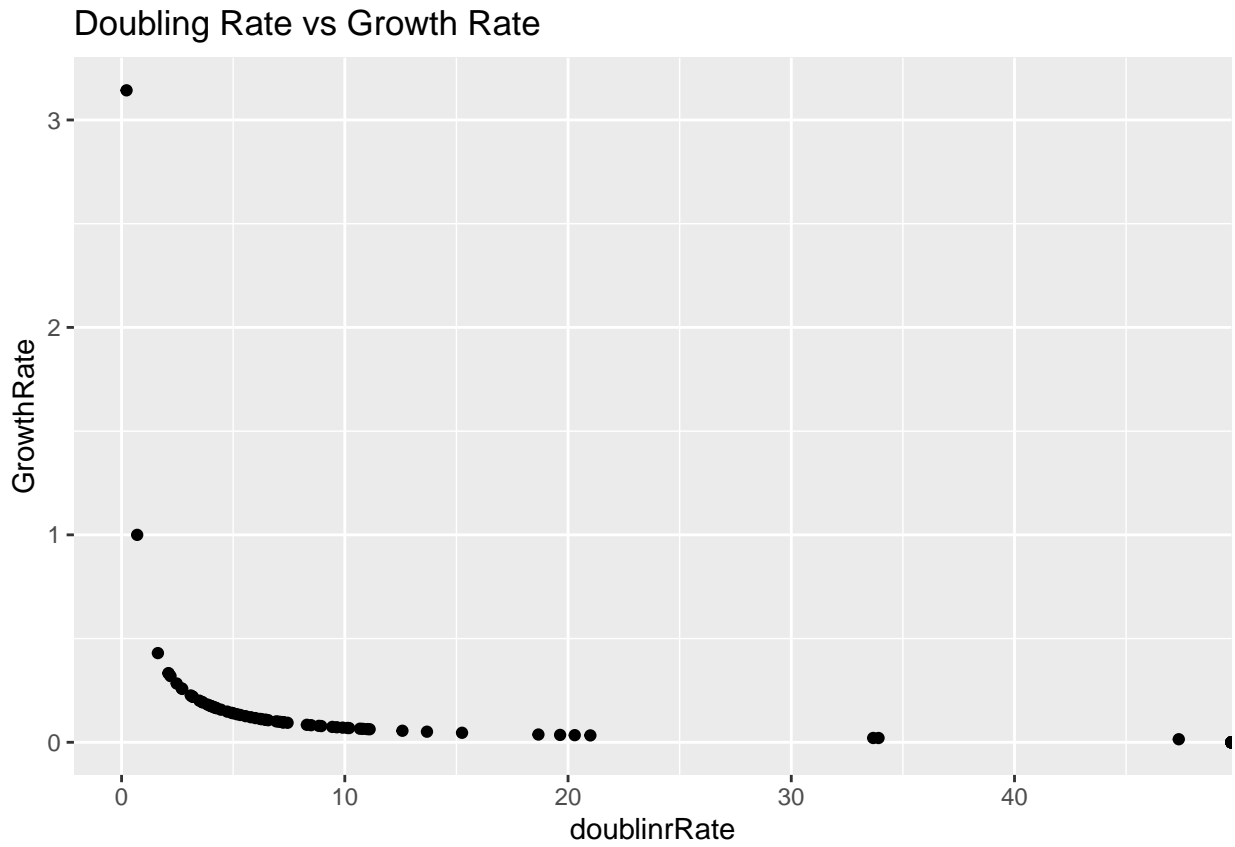
US: Rate of change in Growth Rate

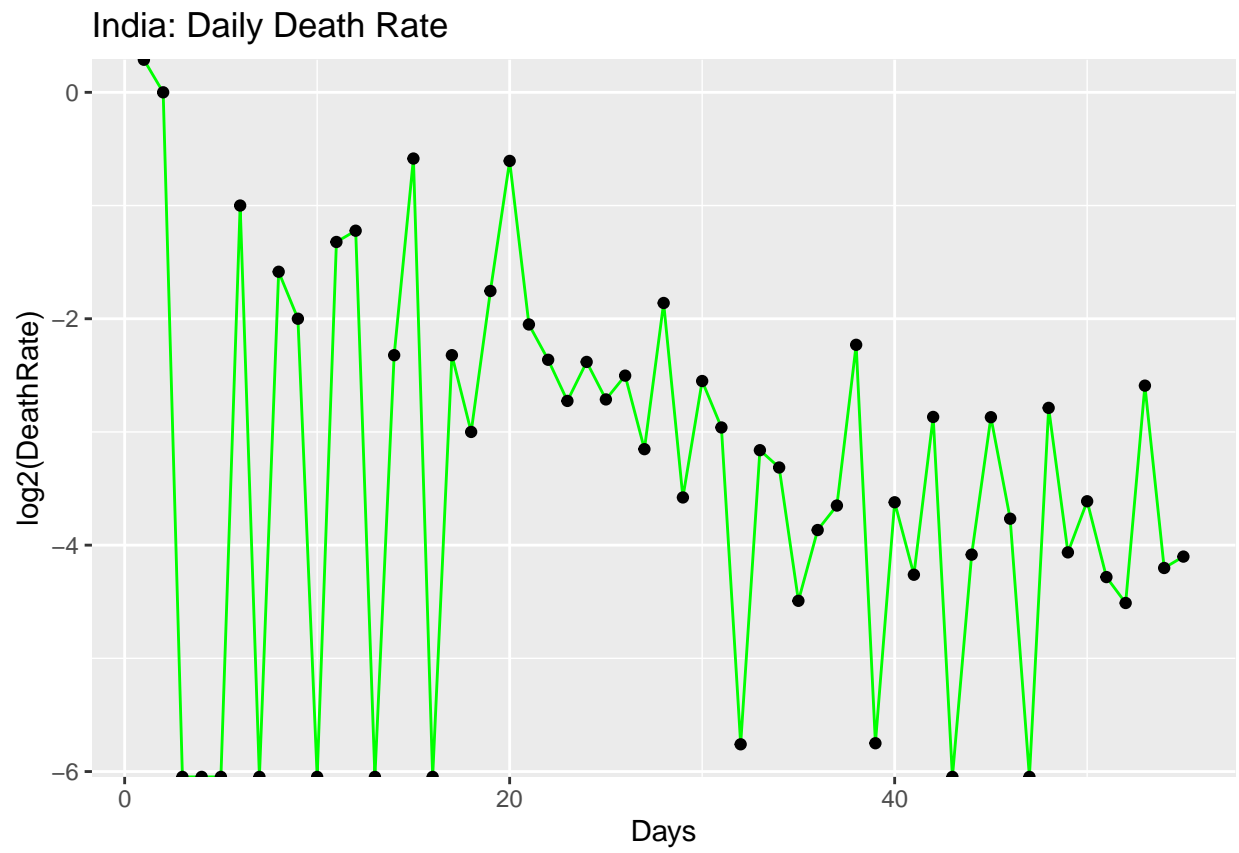


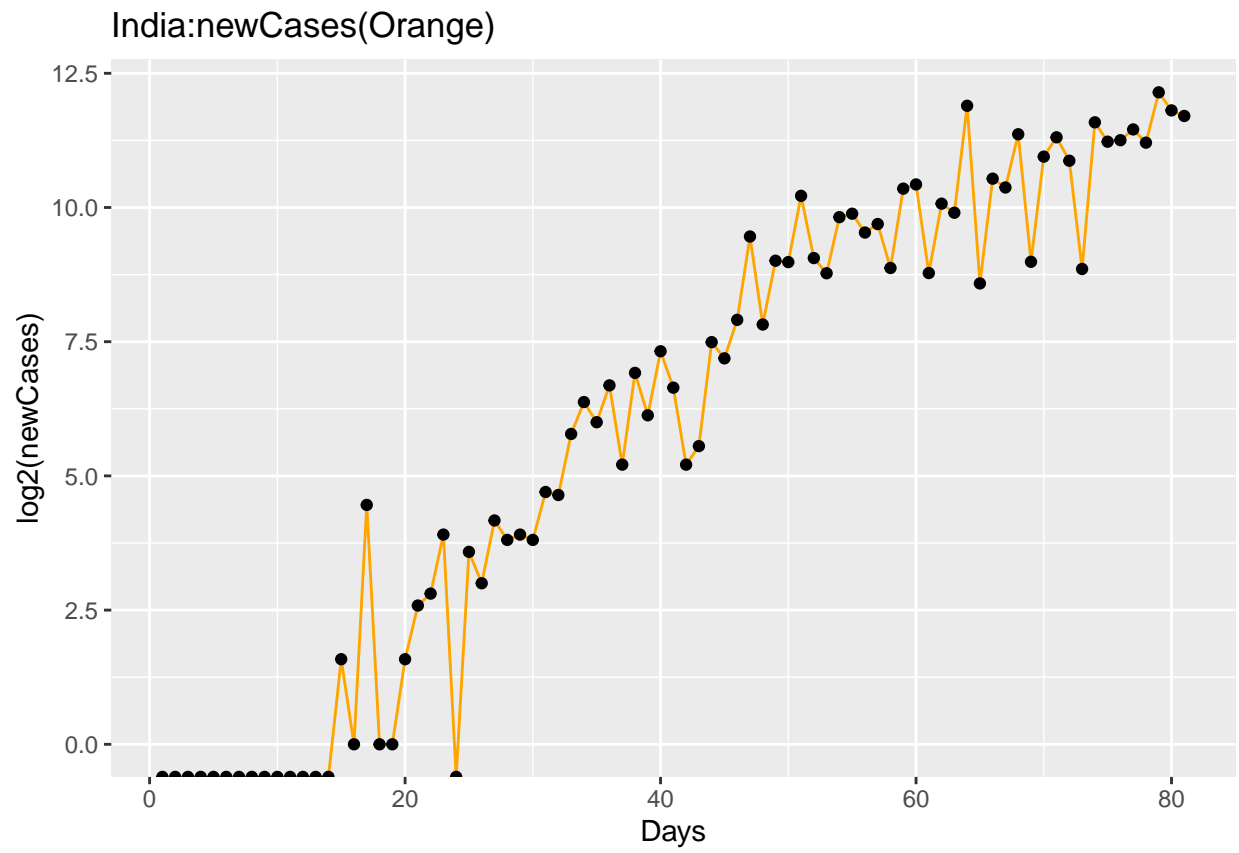




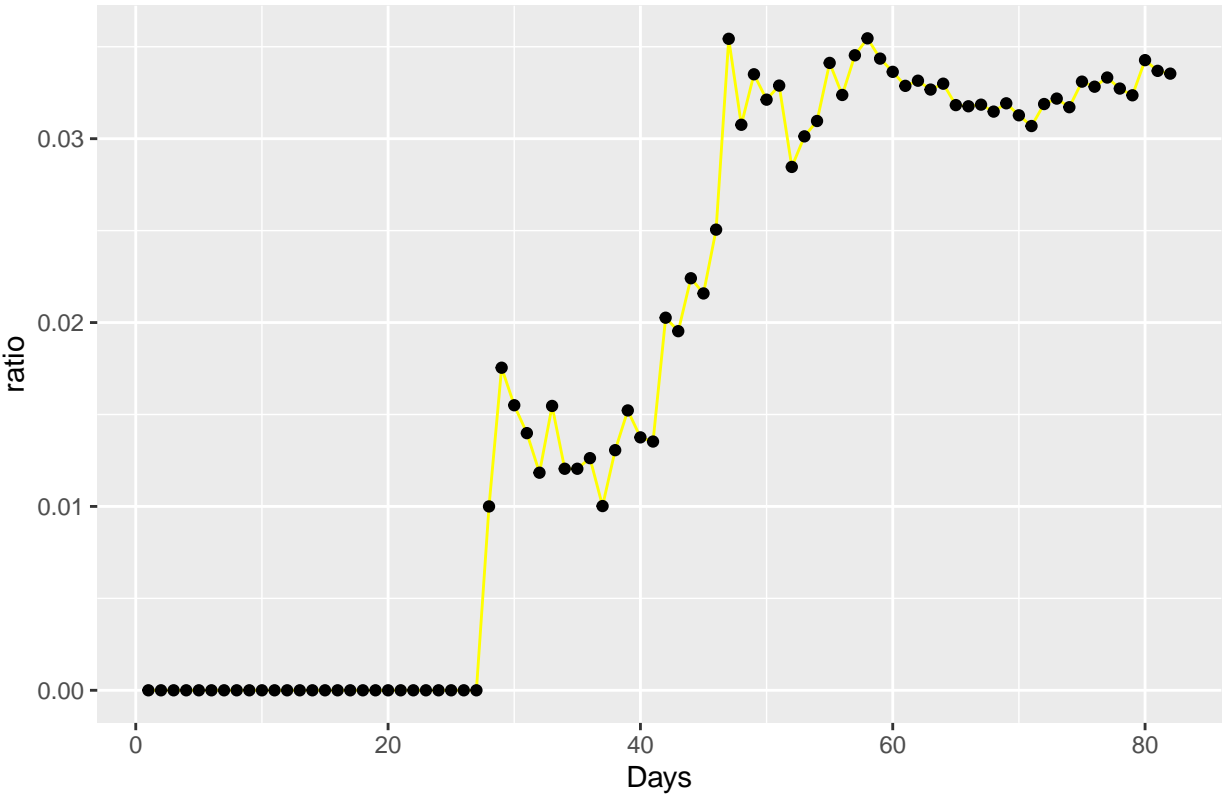


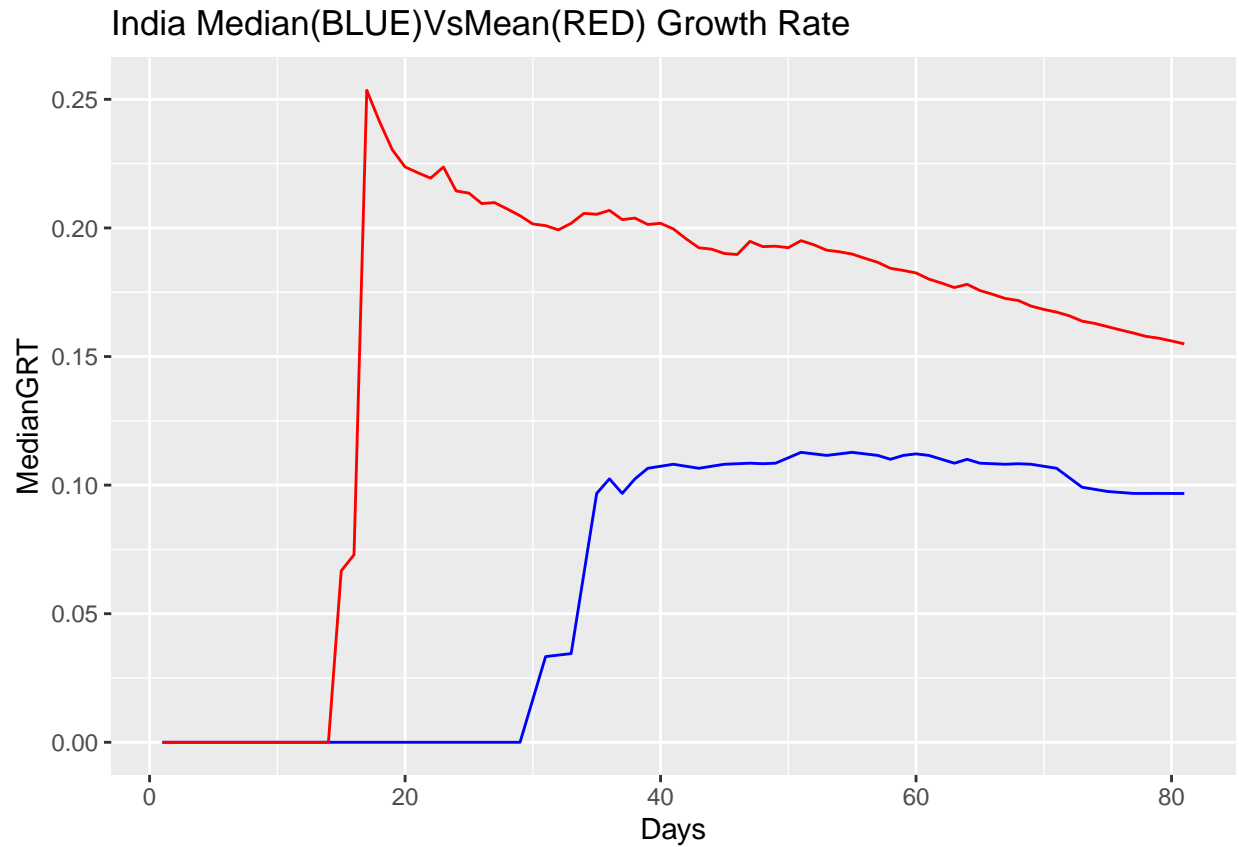






India: TotalDeaths/TotalCases





Results:

- Tomorrow's predicted case number is between 5.9873283×10^4 and 6.5050634×10^4 cases.
- Current doubling rate is **11 days**
- Mean doubling rate, i.e number of cases doubles every **5 days**.
- Median doubling rate, i.e number of cases doubles every **7 days**.
- Latest Observed Growth Rate **6.2996584** percent.
- Mean Growth Rate: **15.4915824** percent.
- Median Growth Rate: **9.673766** percent.
- Standard deviation: +/- **36.2288726**.