

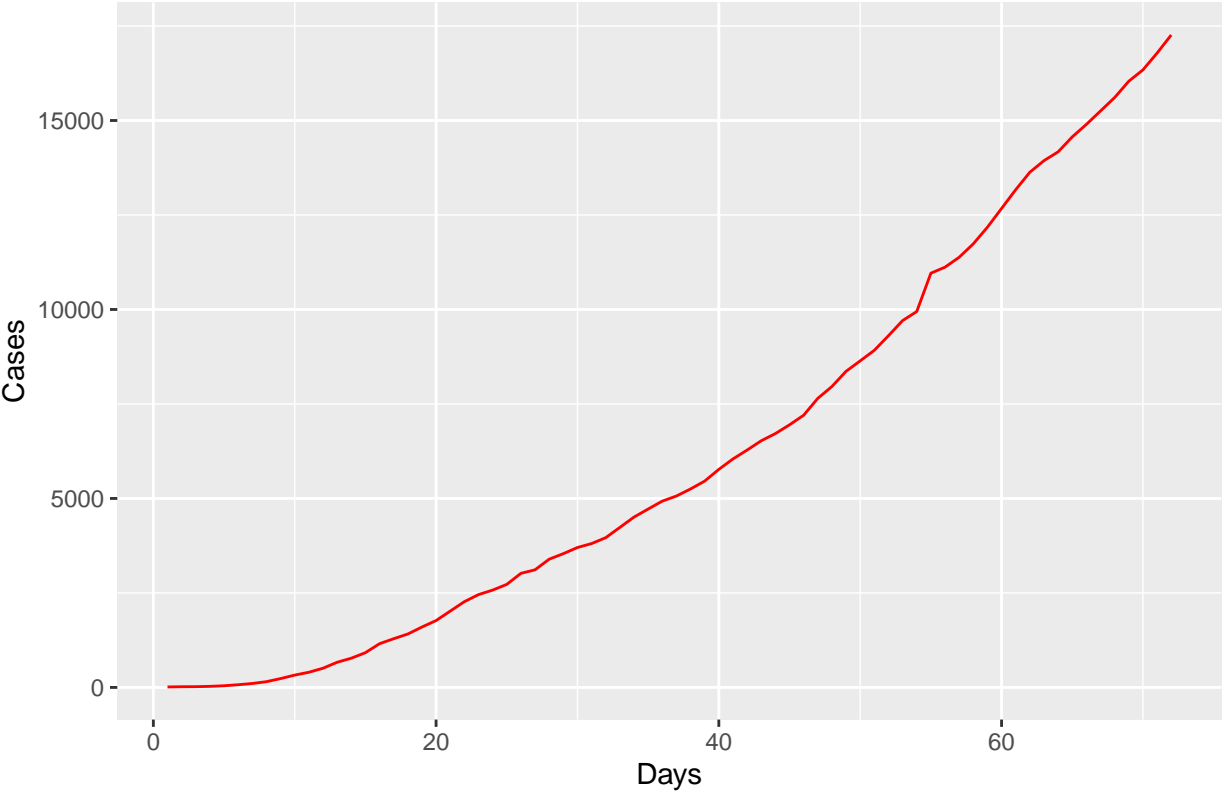
Arizona/US/India Corona Trends- 27th May 2020 with tomorrow's prediction

Whitchurch Muthumani

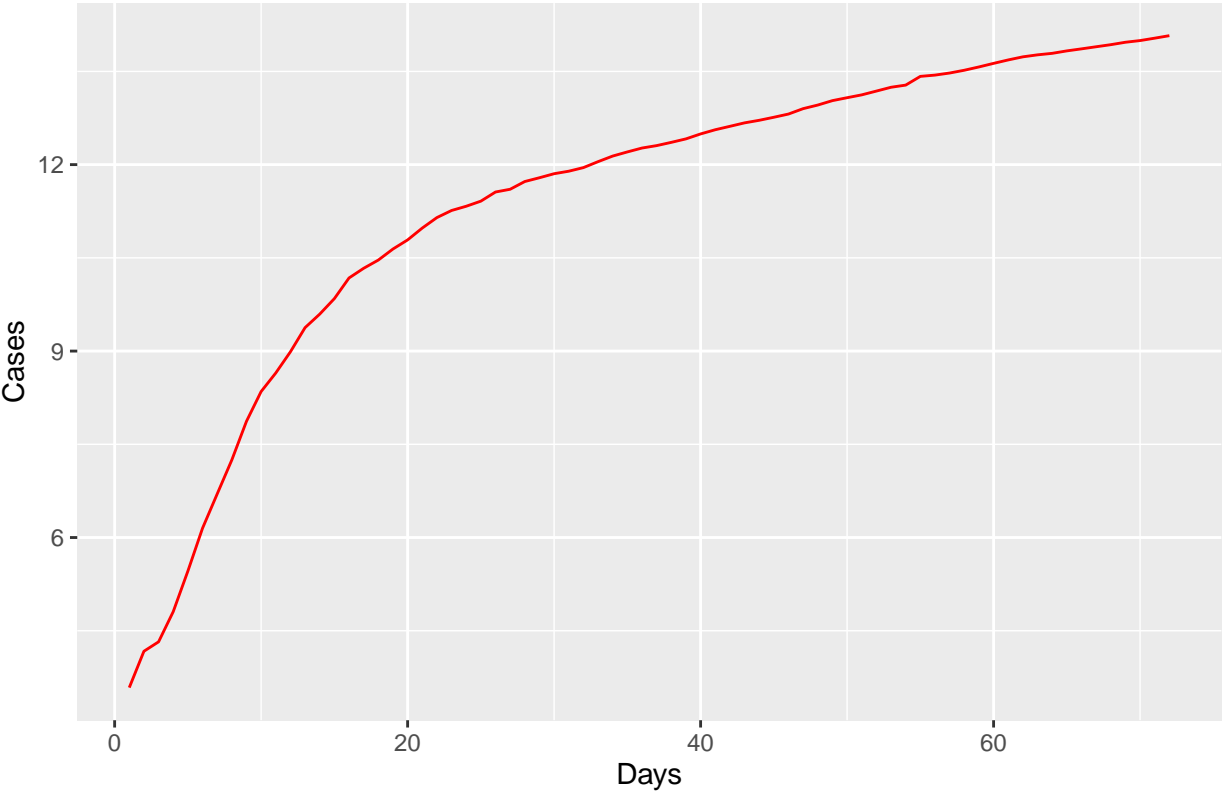
5/27/2020

Arizona Corona Dashboard

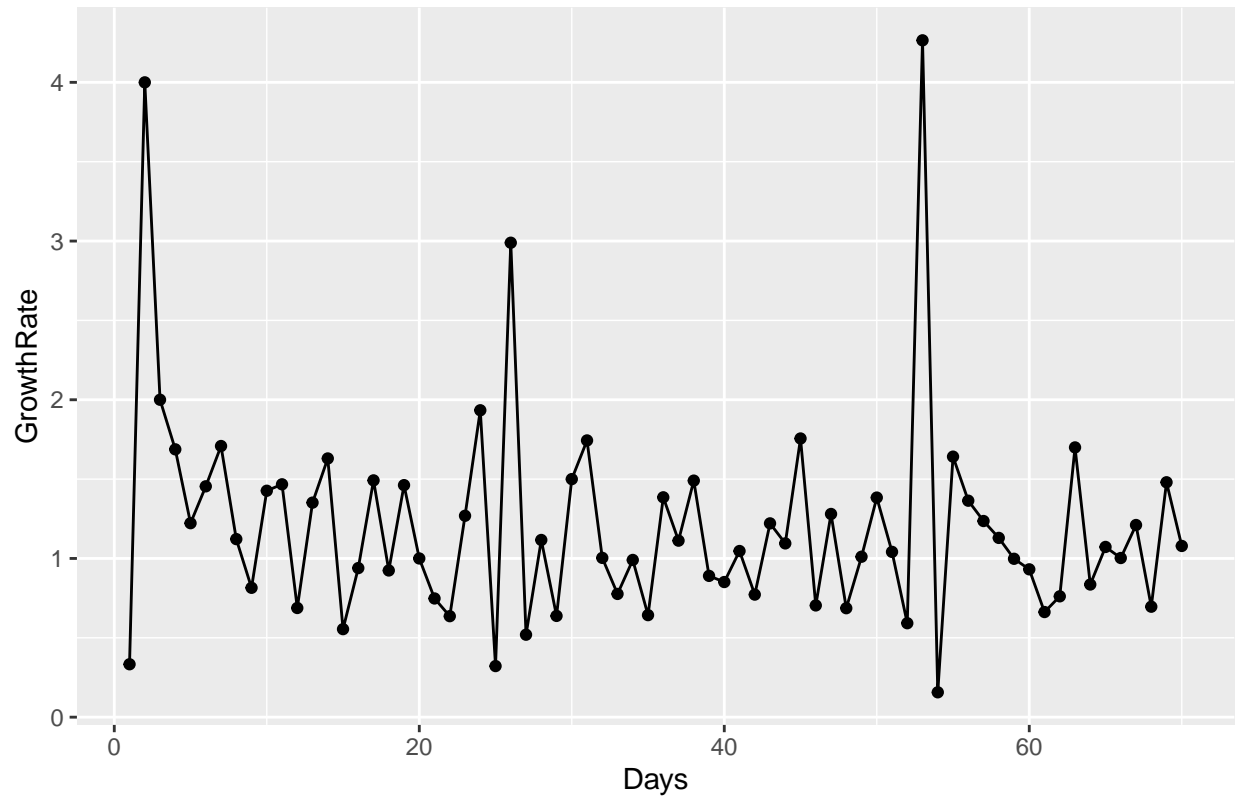
Arizona: Daily Cases



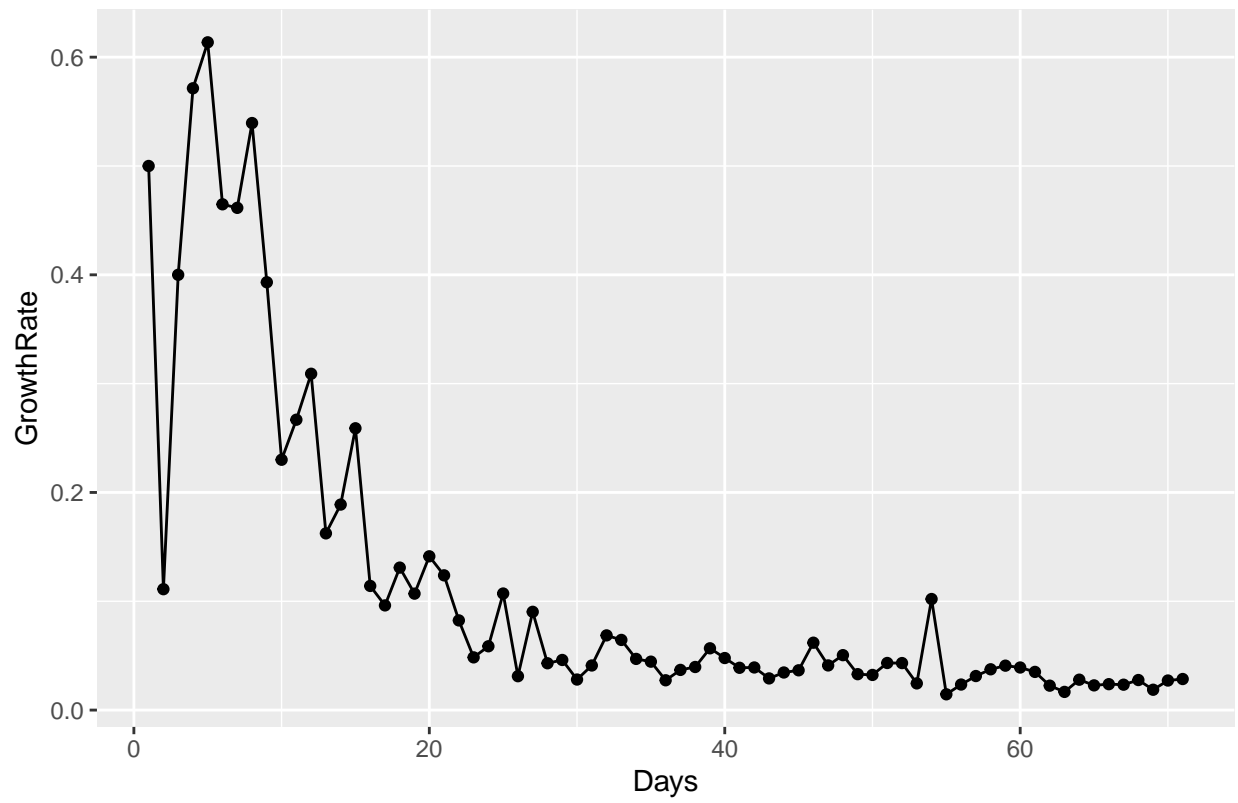
Arizona: Daily Cases

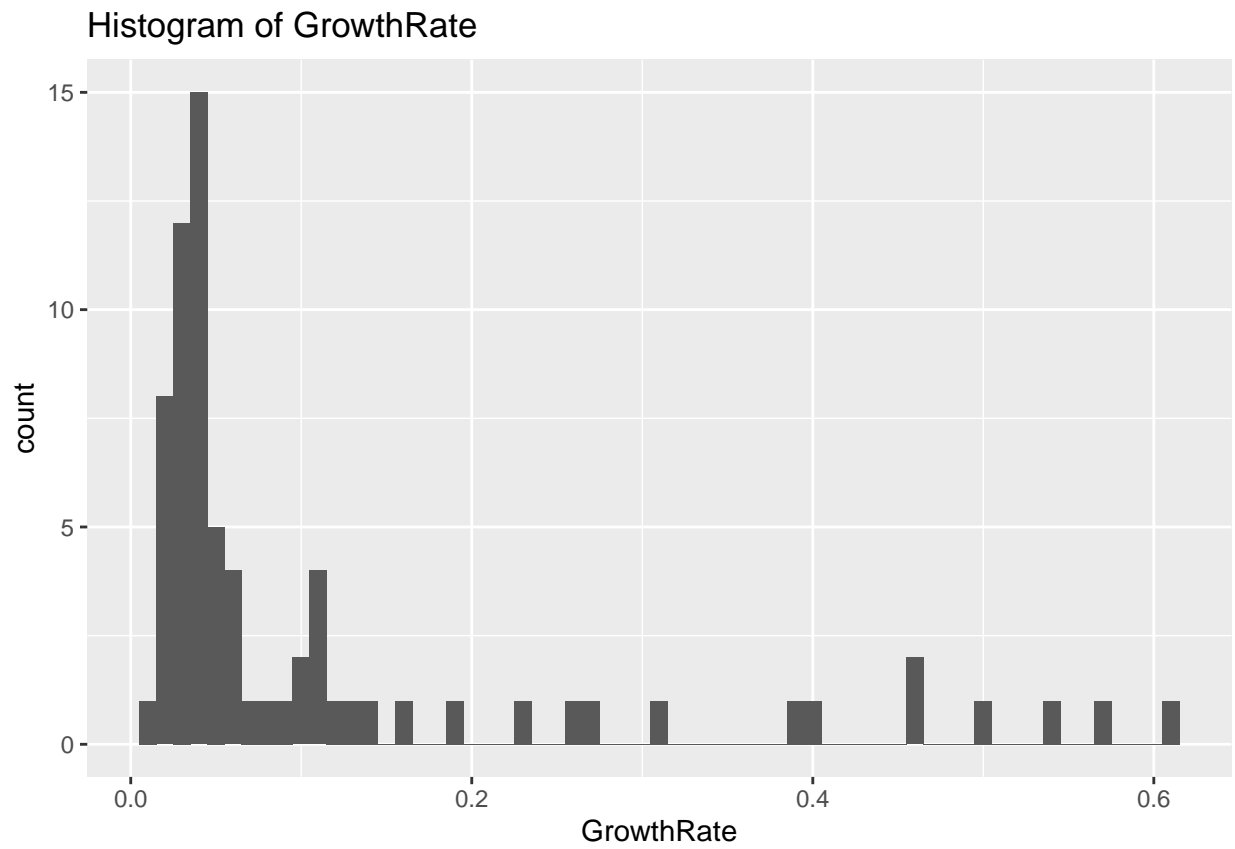


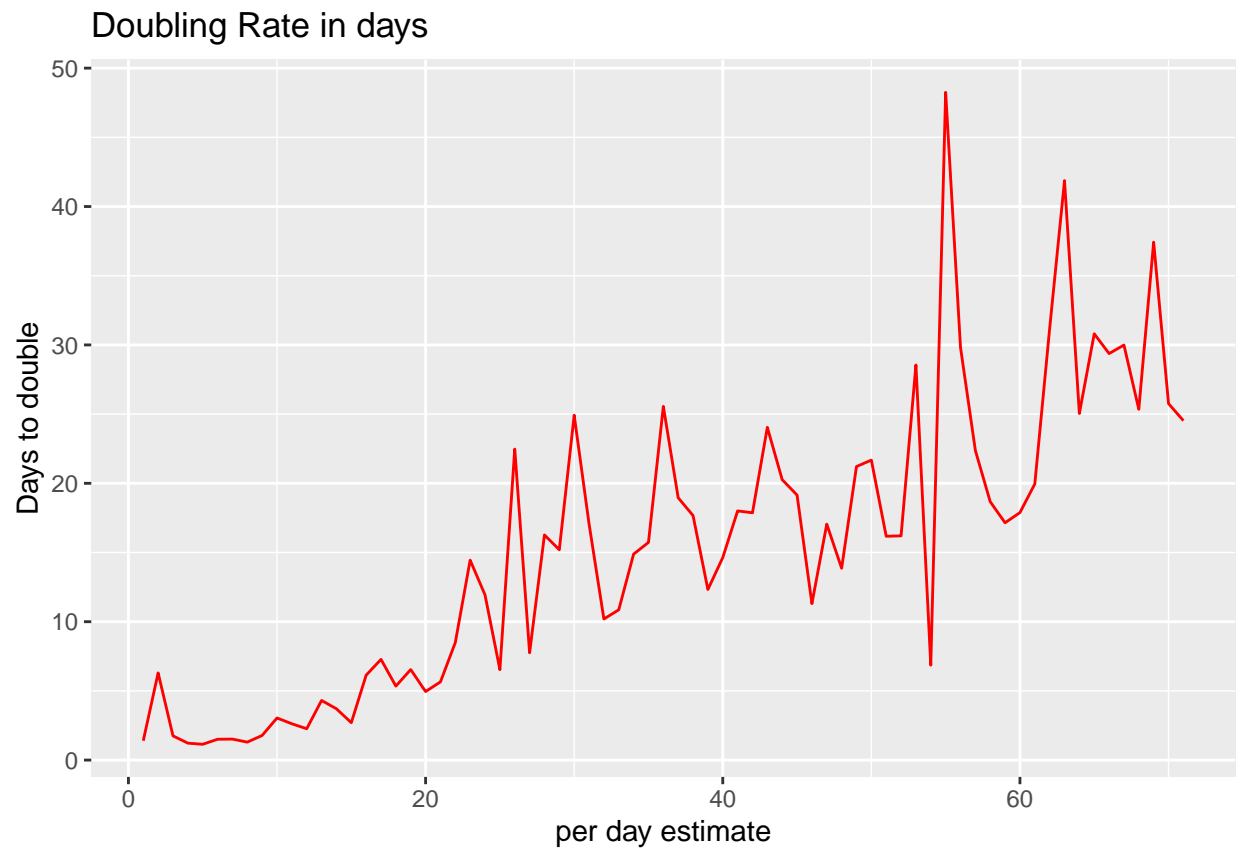
Arizona: Rate of change in Growth Rate



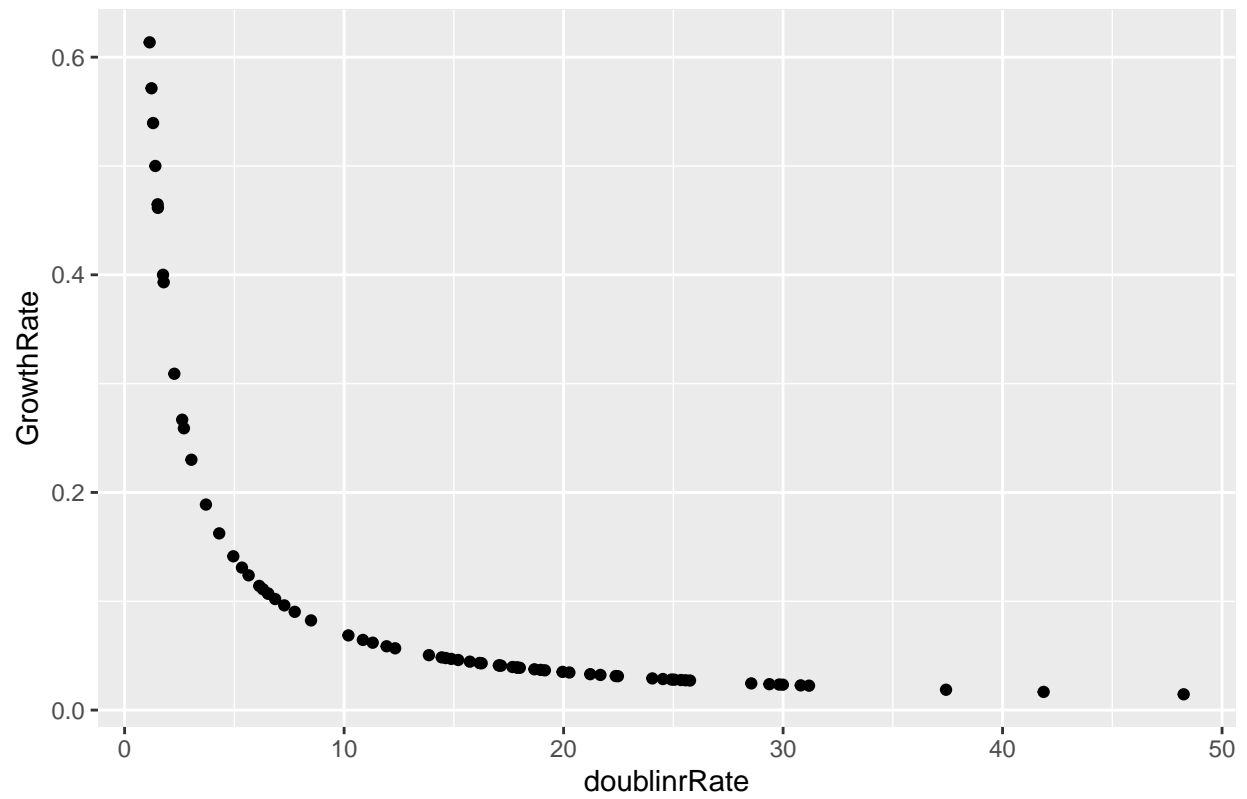
Arizona: Growth Rate

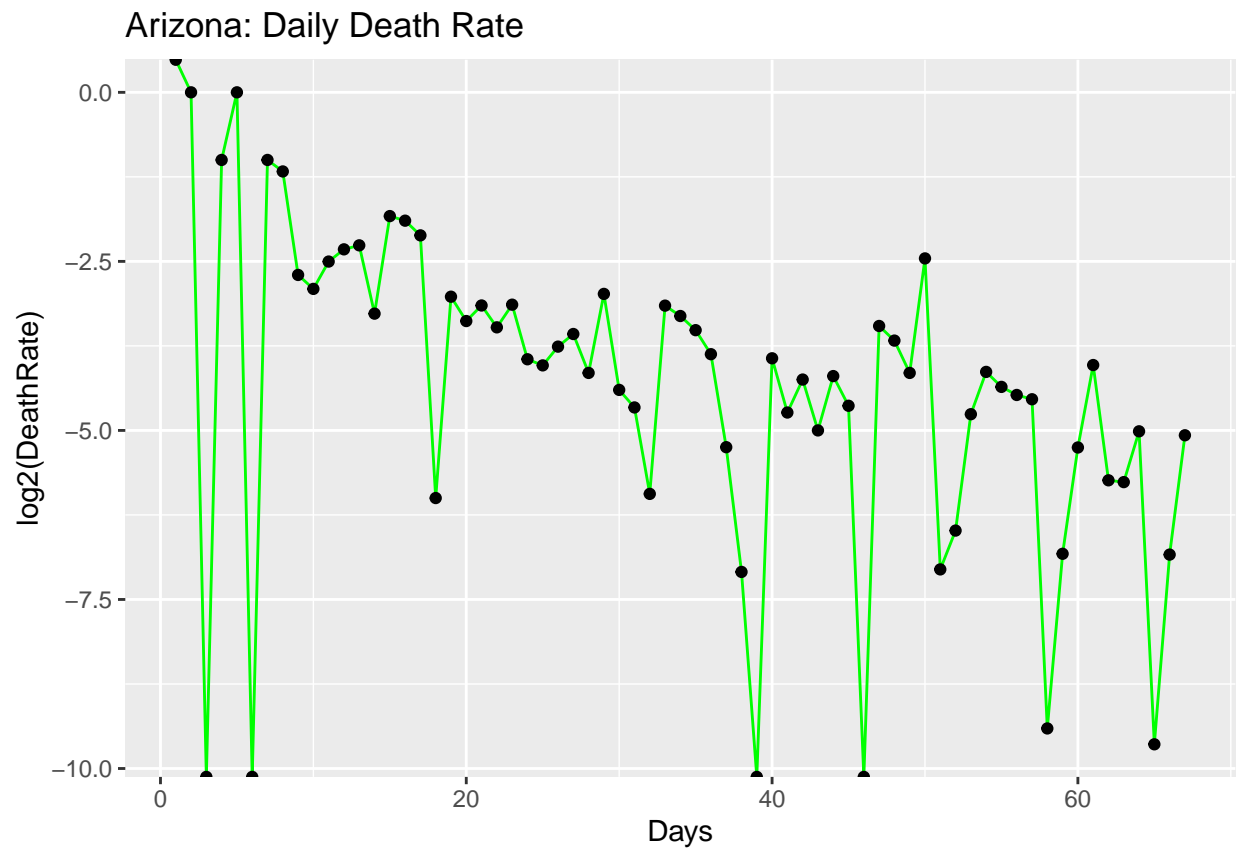


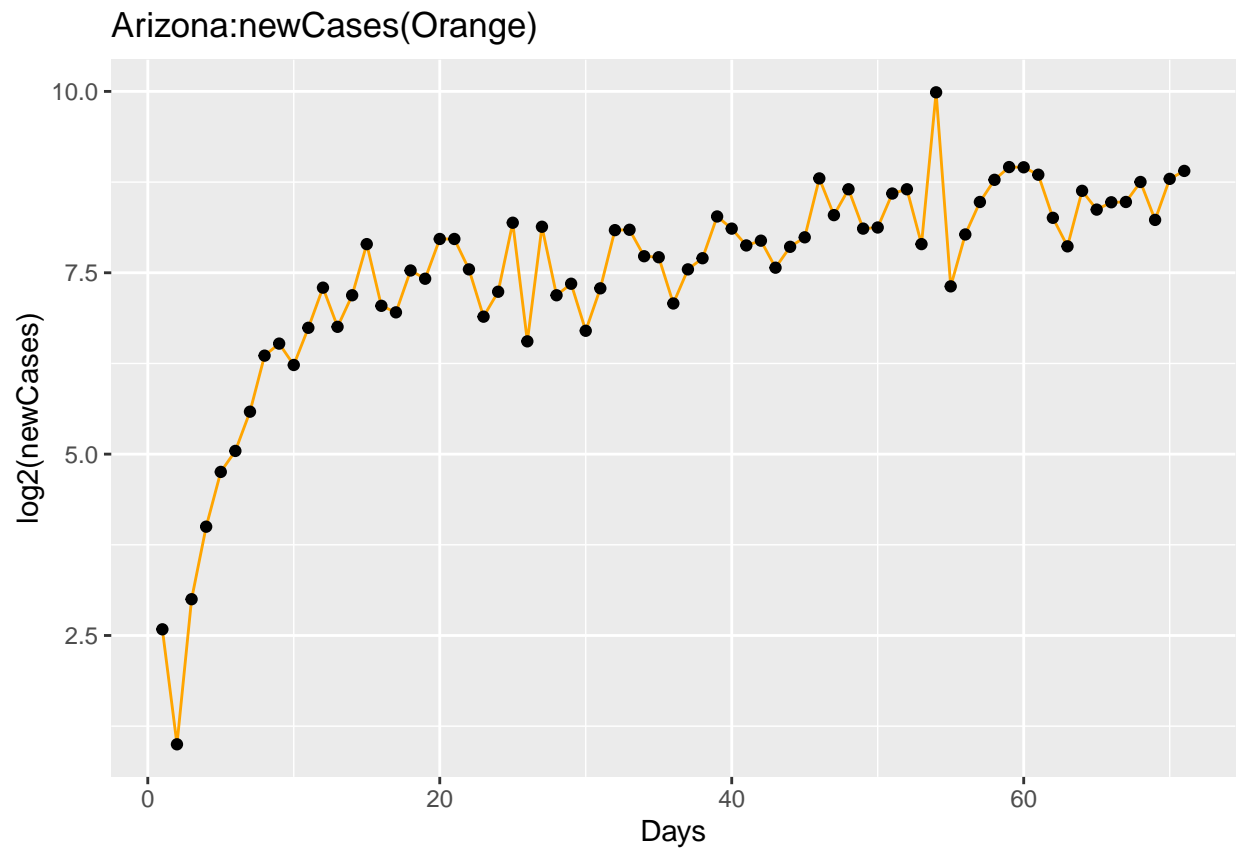


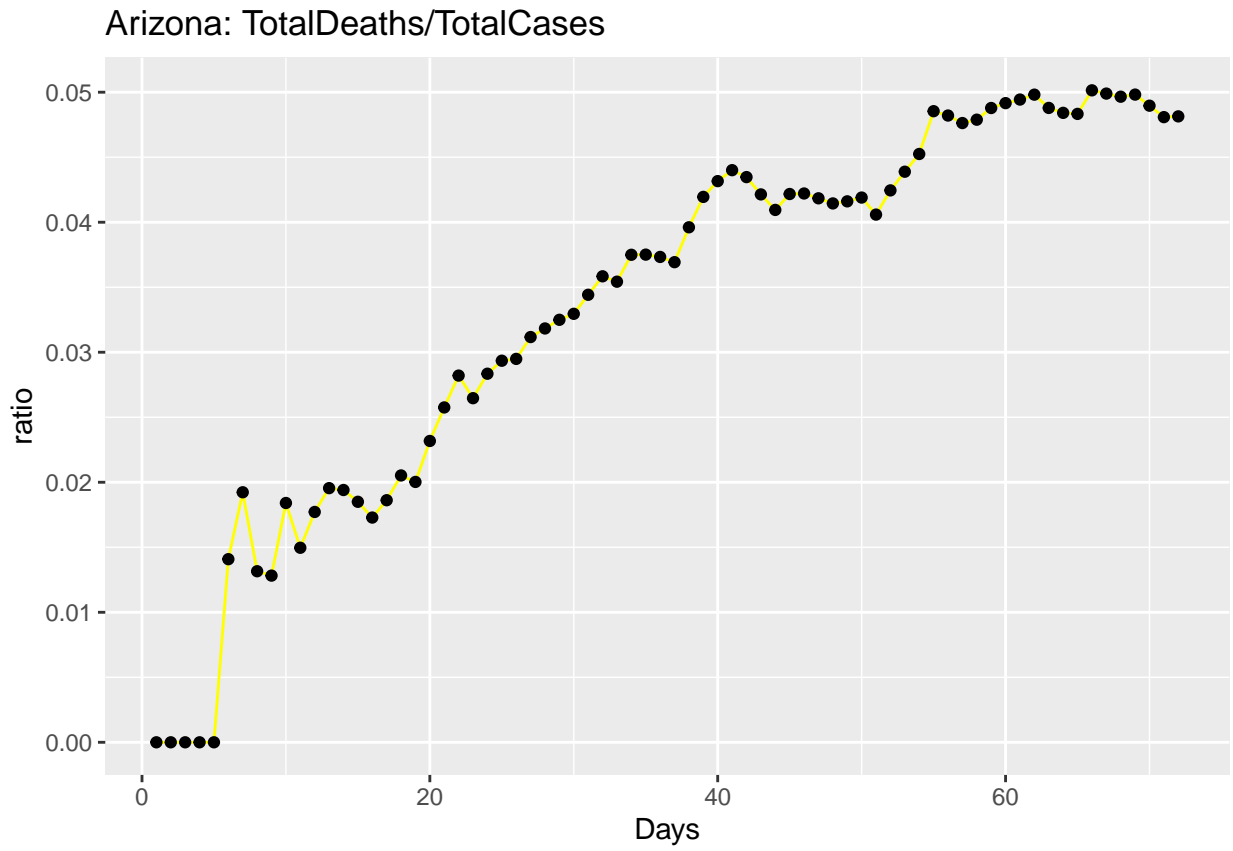


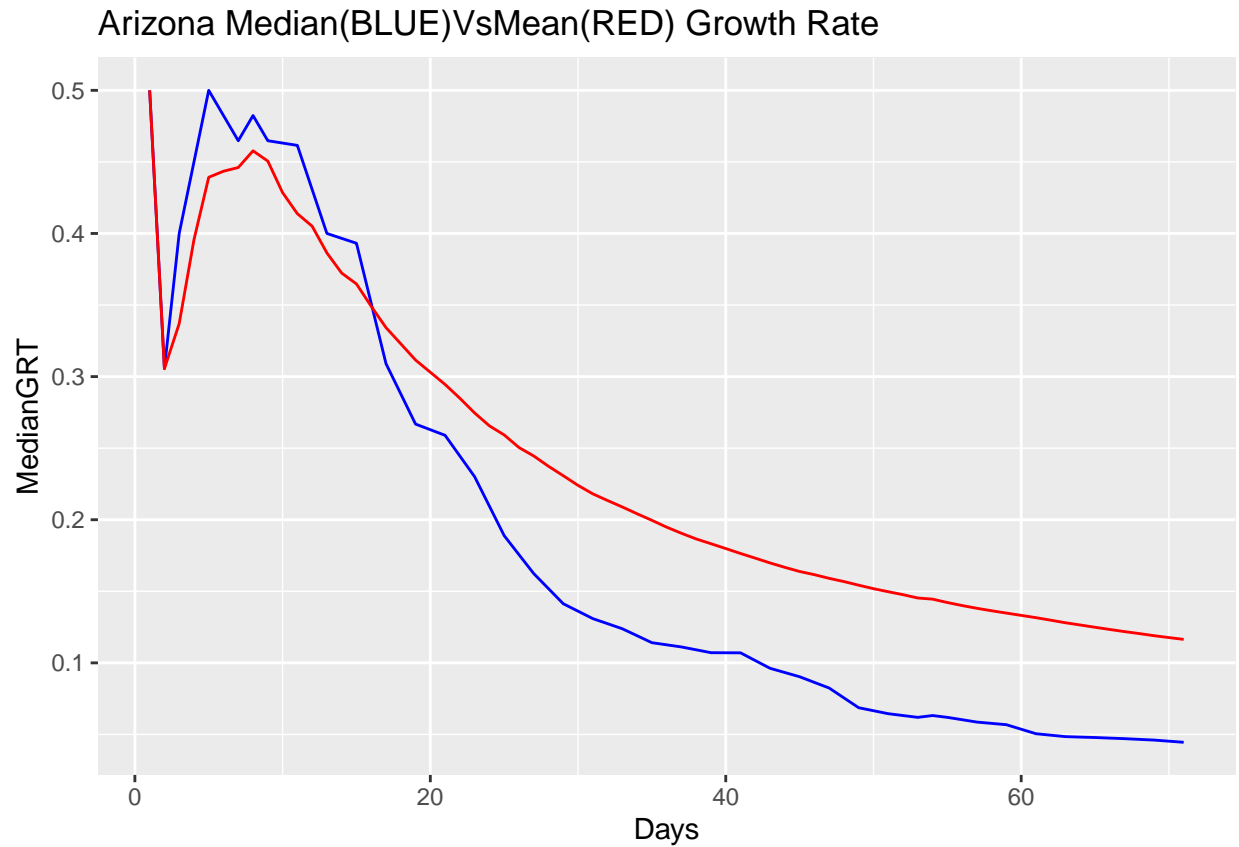
Doubling Rate vs Growth Rate









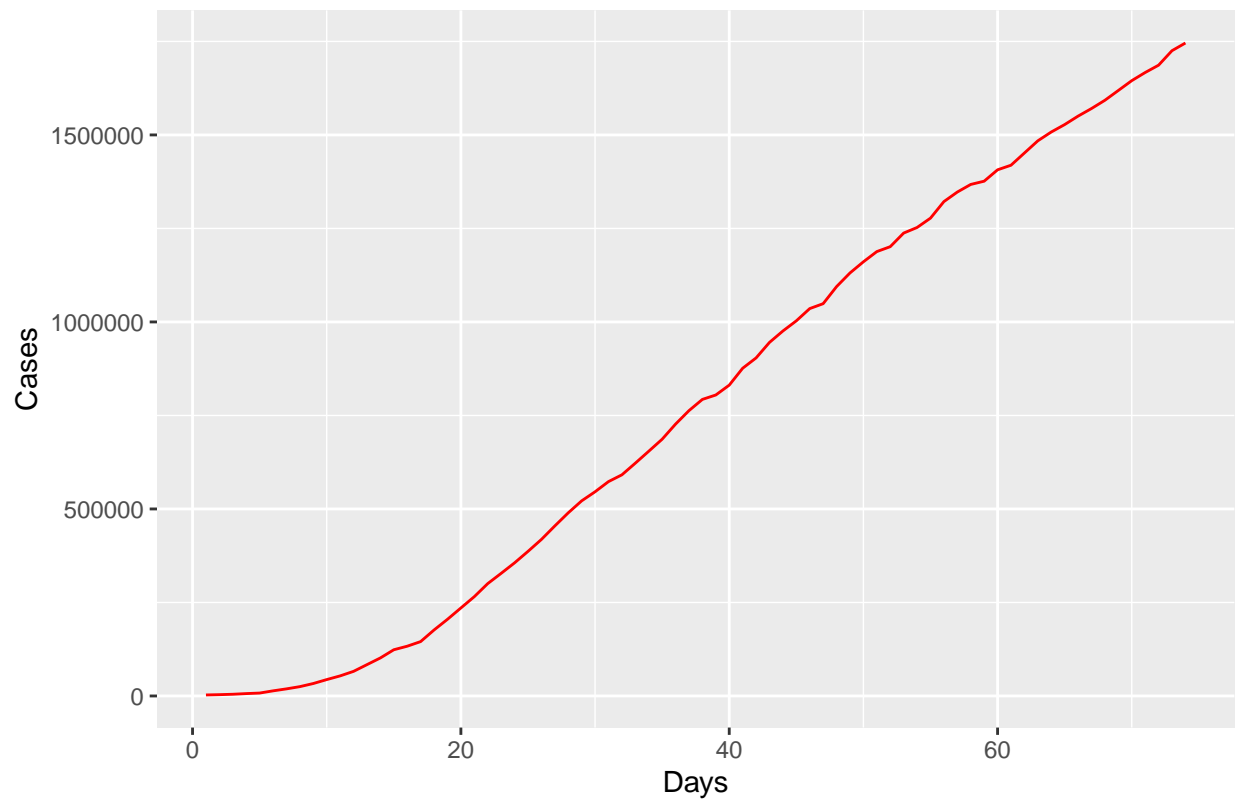


Results:

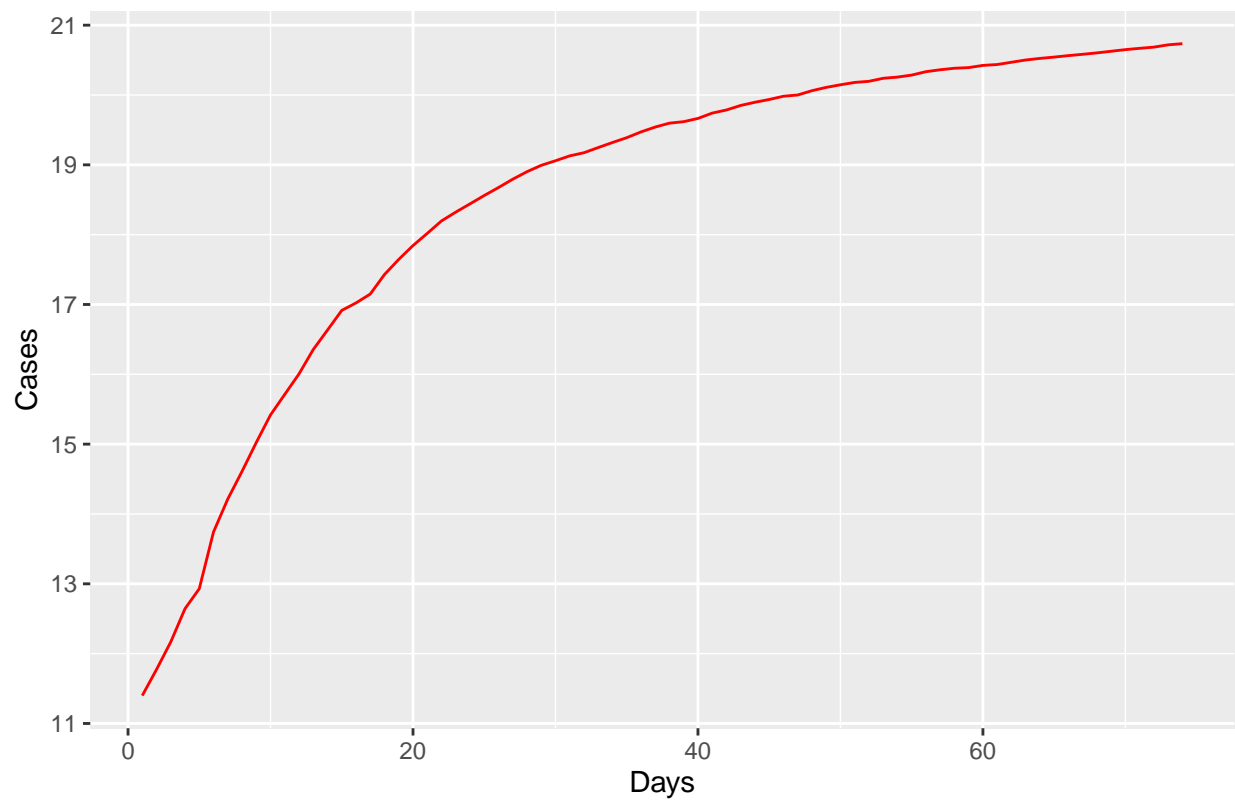
- Tomorrow's predicted case number is between 1.7754671×10^4 and 1.9271467×10^4 cases.
- Current doubling rate is **25 days**
- Mean doubling rate, i.e number of cases doubles every **6 days**.
- Median doubling rate, i.e number of cases doubles every **16 days**.
- Latest Observed Growth Rate **2.8540785** percent.
- Mean Growth Rate: **11.6409876** percent.
- Median Growth Rate: **4.4500954** percent.
- Standard deviation: +/- **15.0217154**.

US Corona Dashboard

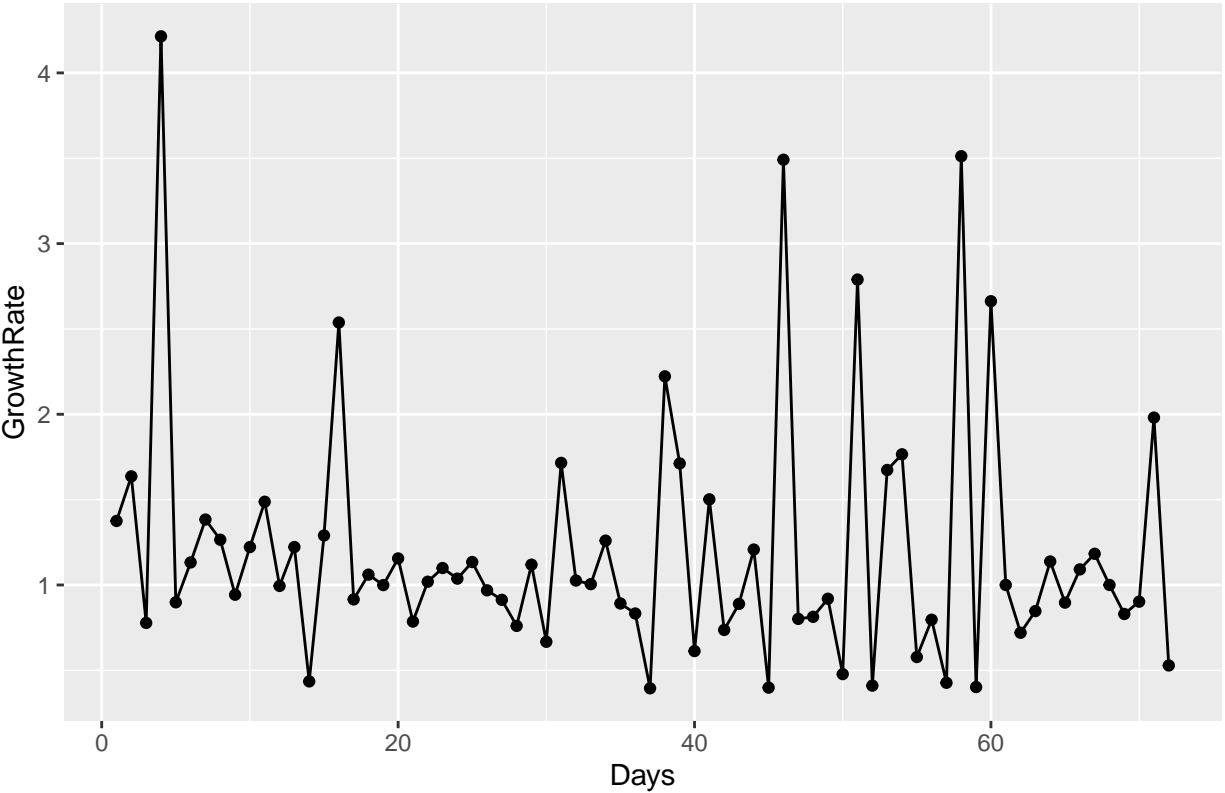
US: Daily Cases



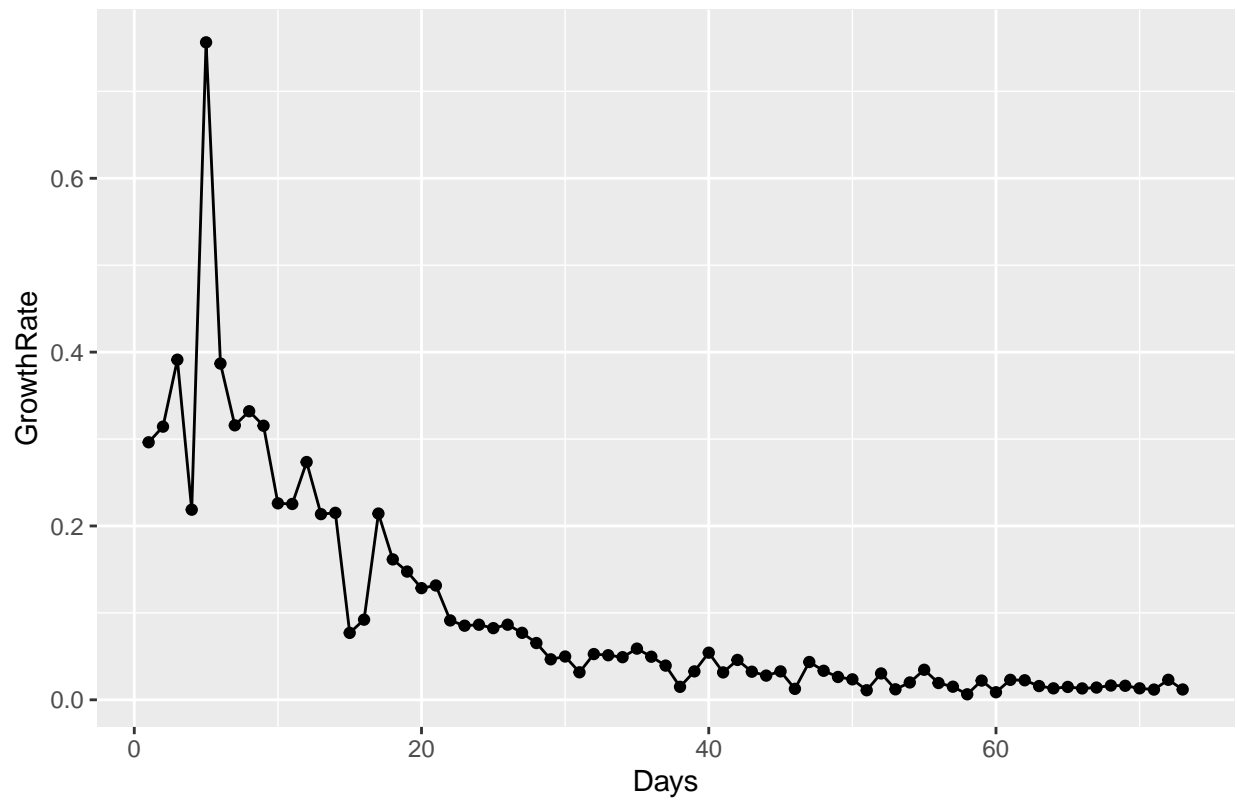
US: Daily Cases

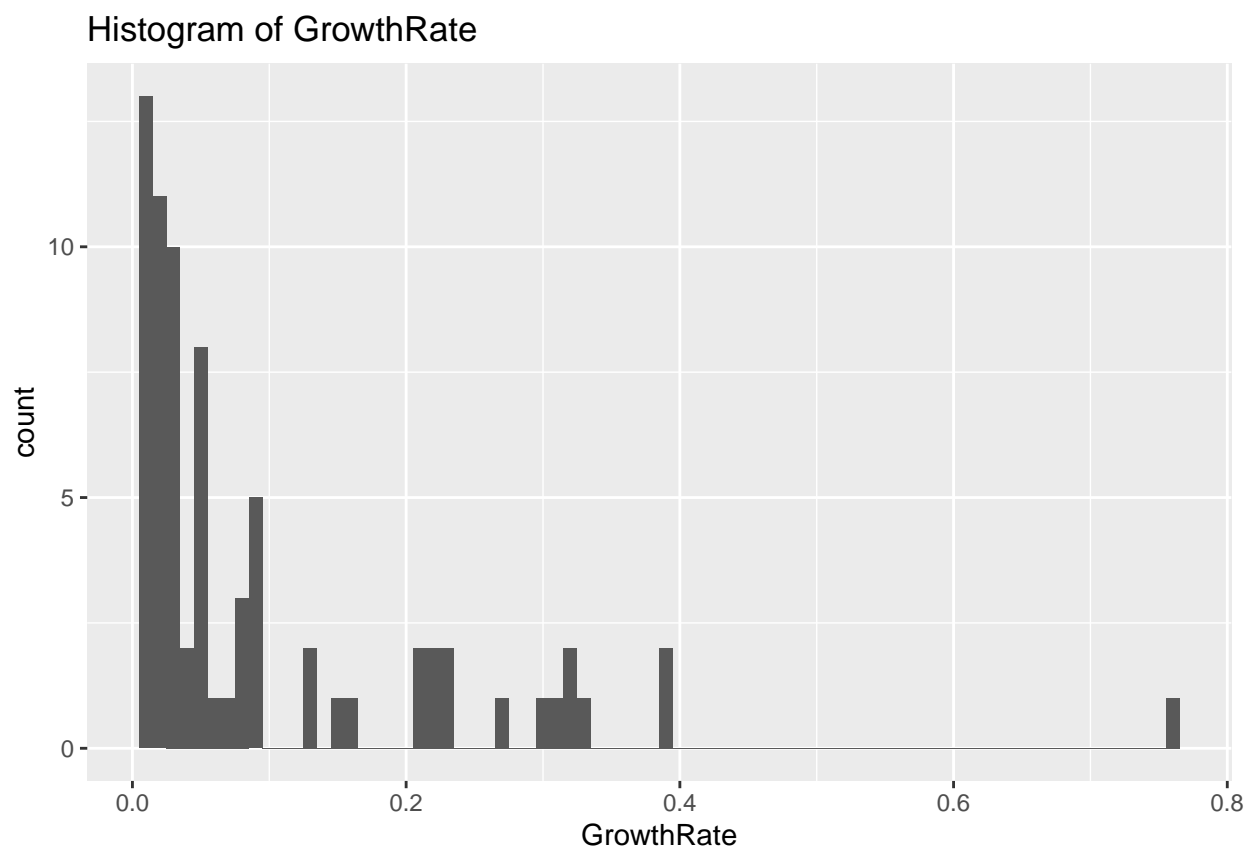


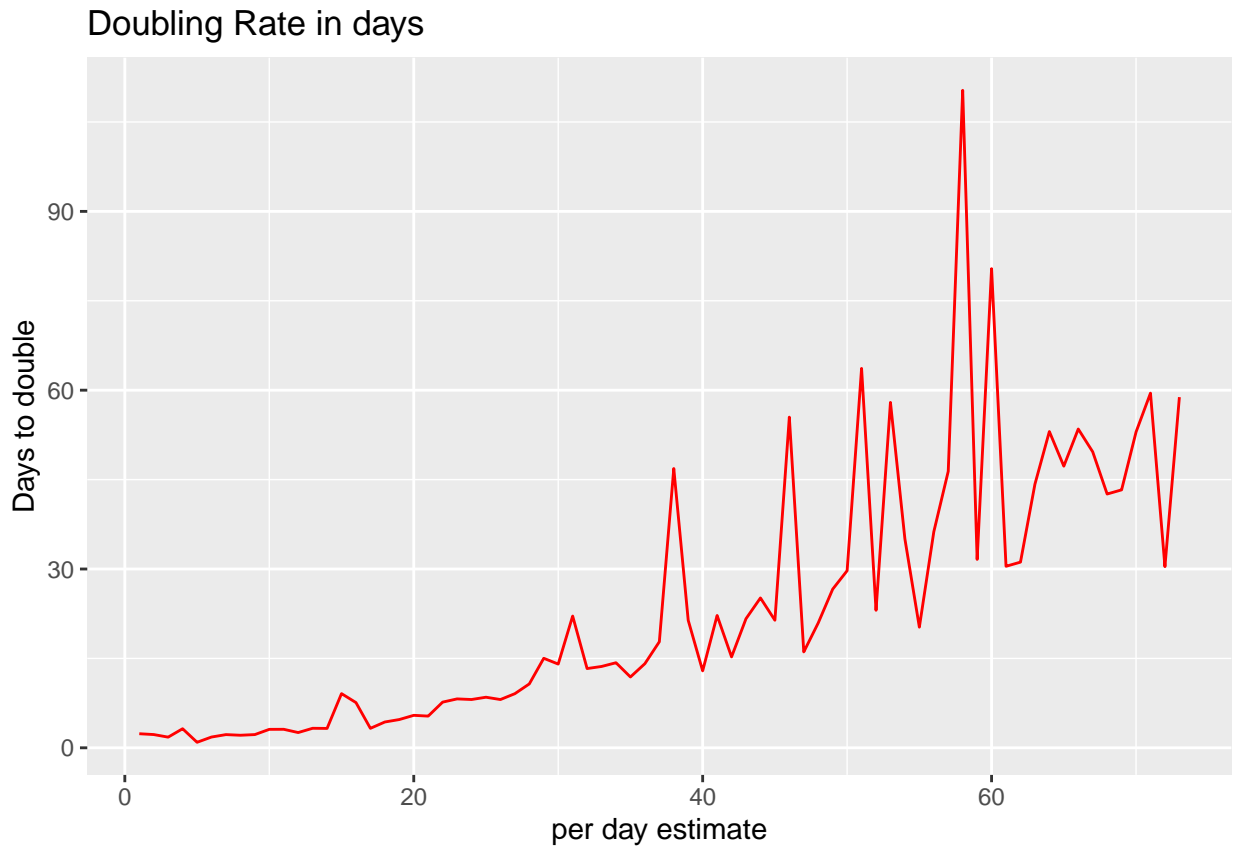
US: Rate of change in Growth Rate



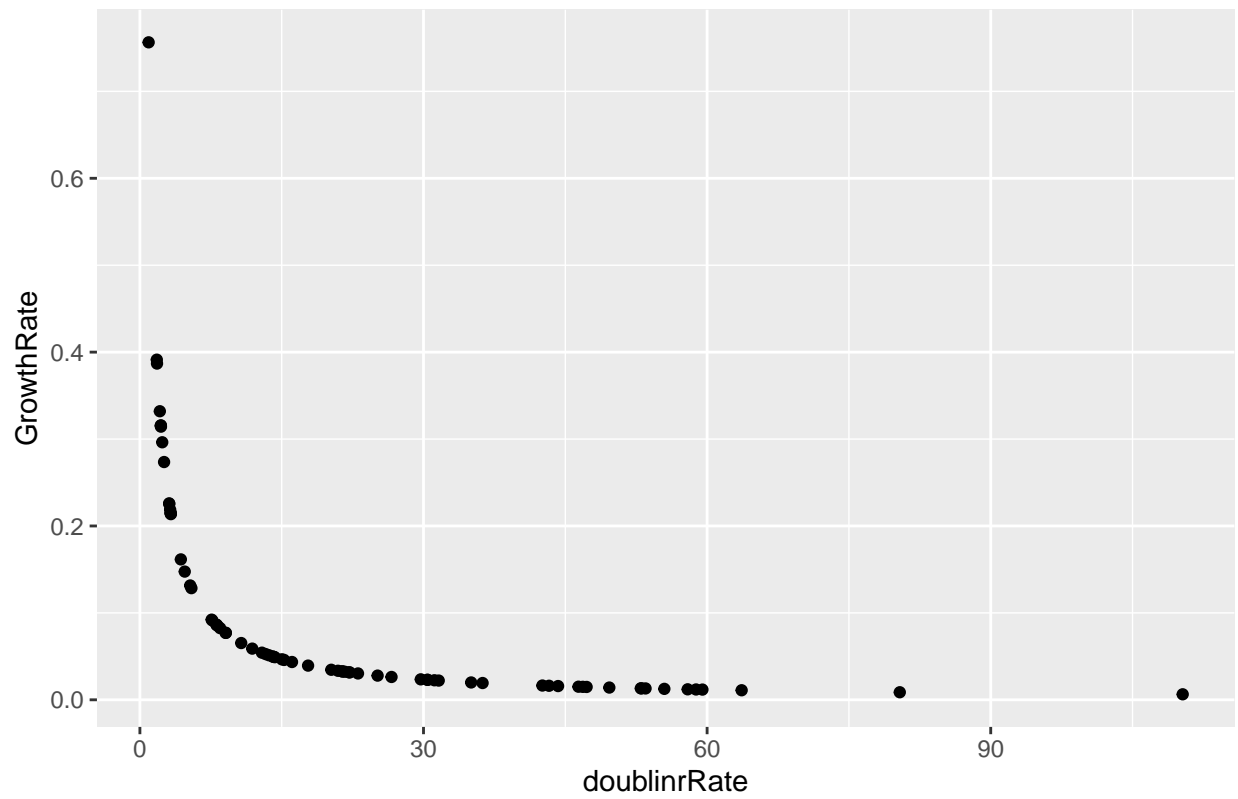
US: Growth Rate

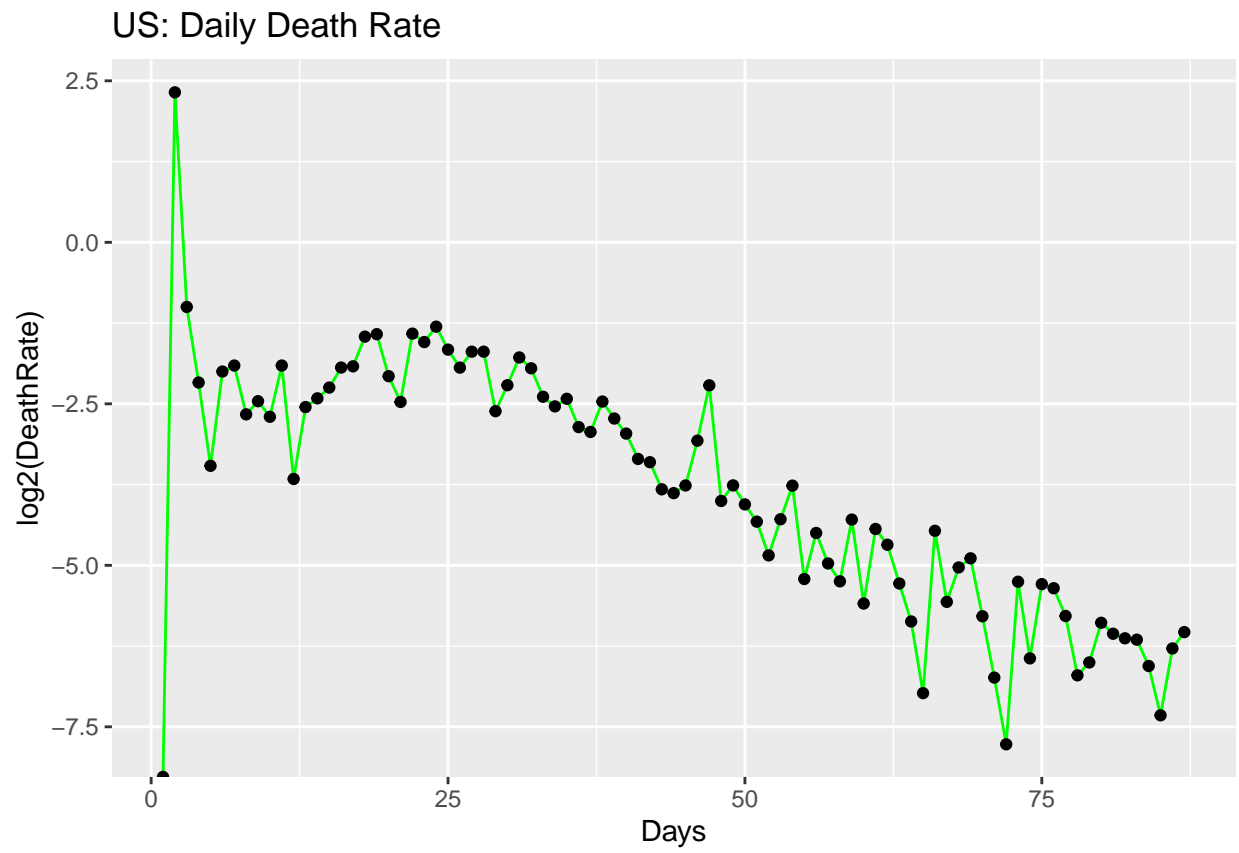


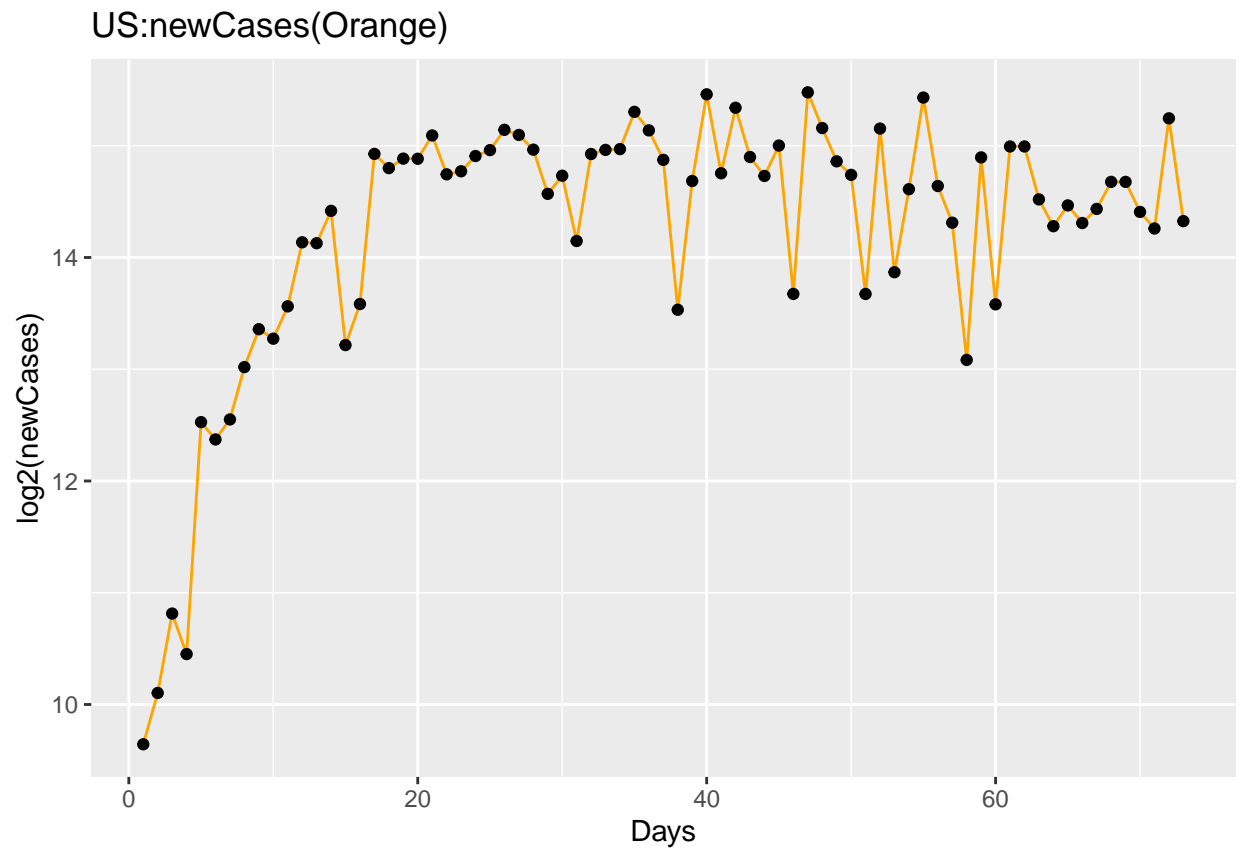


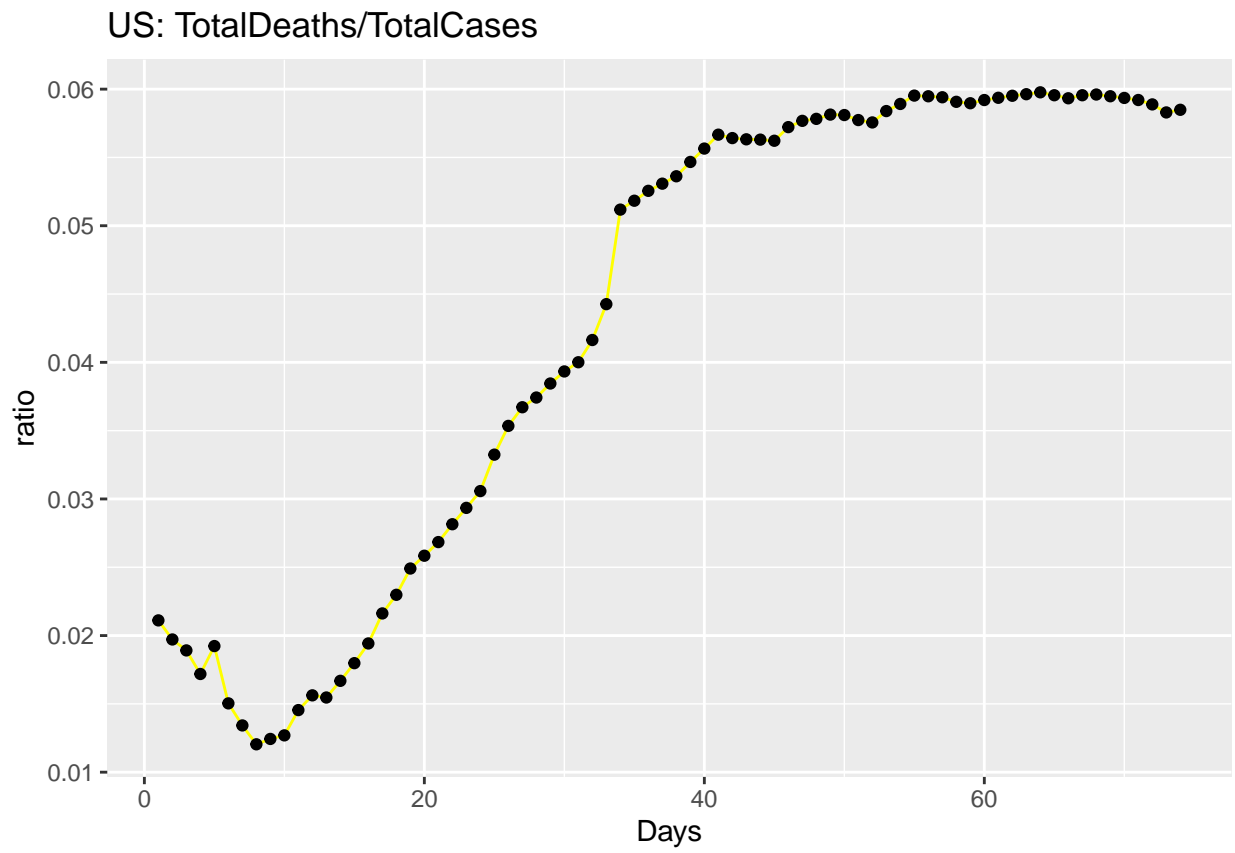


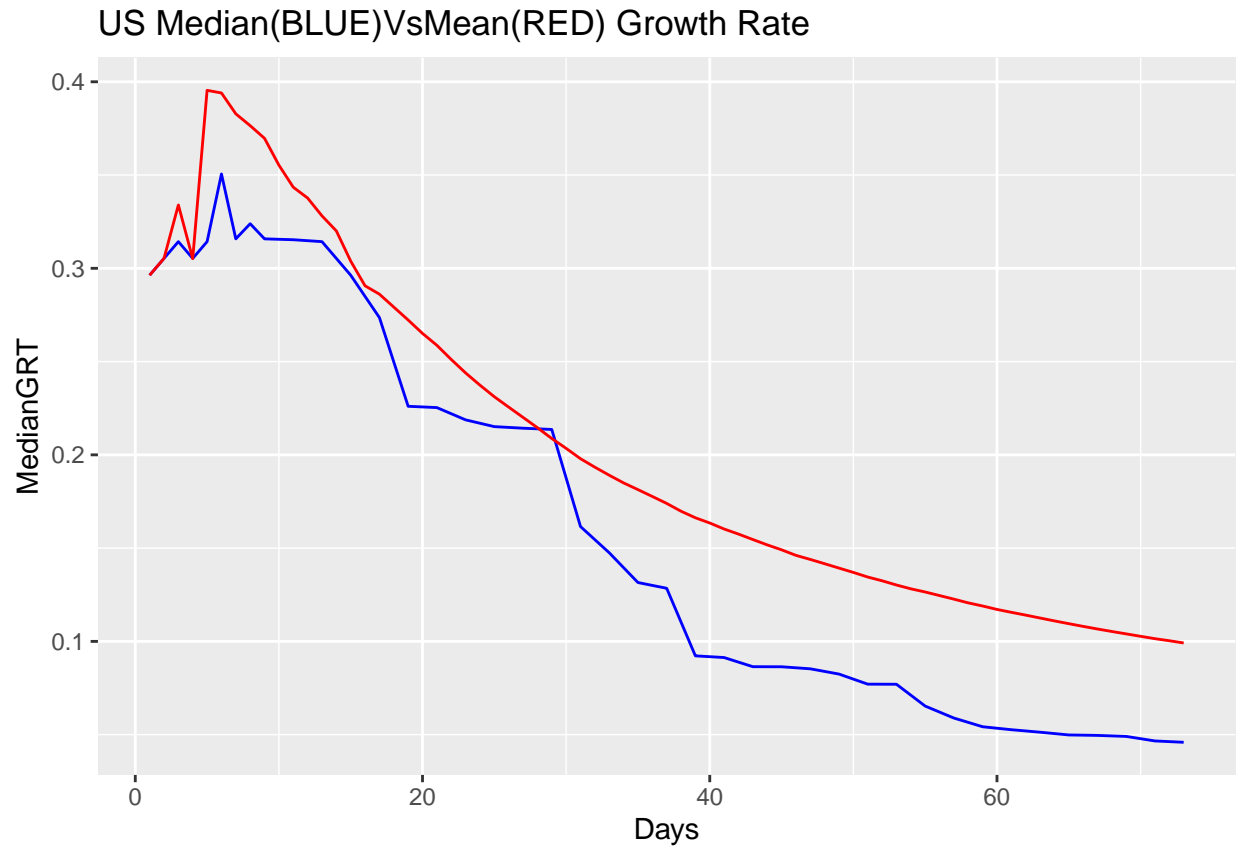
Doubling Rate vs Growth Rate







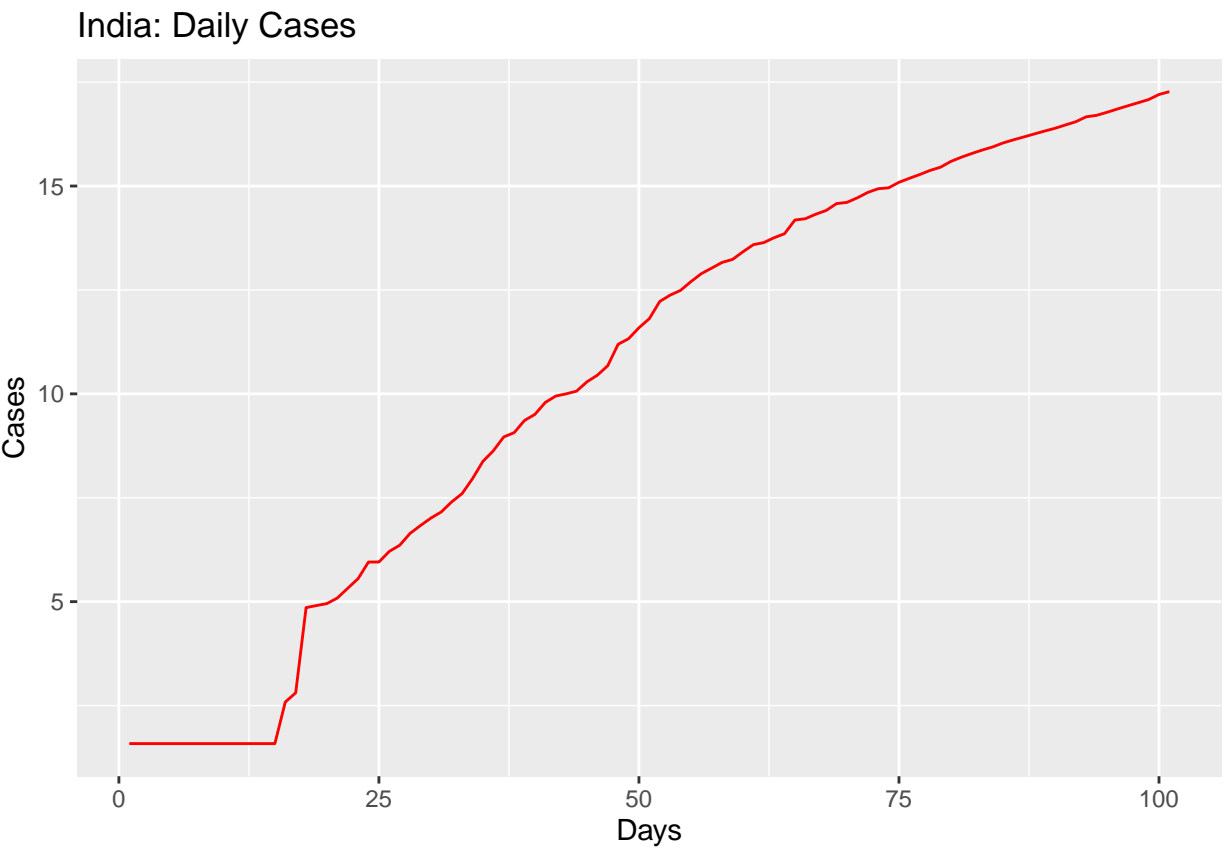
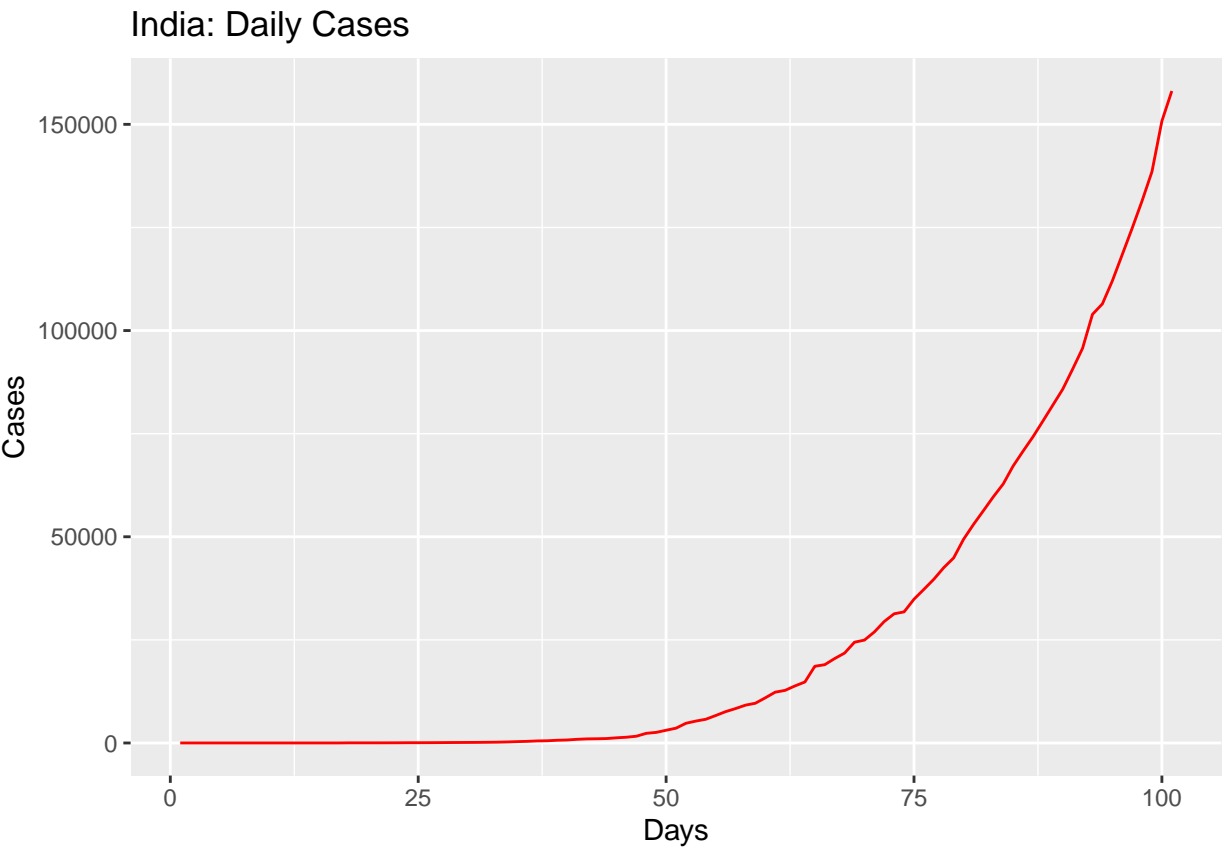




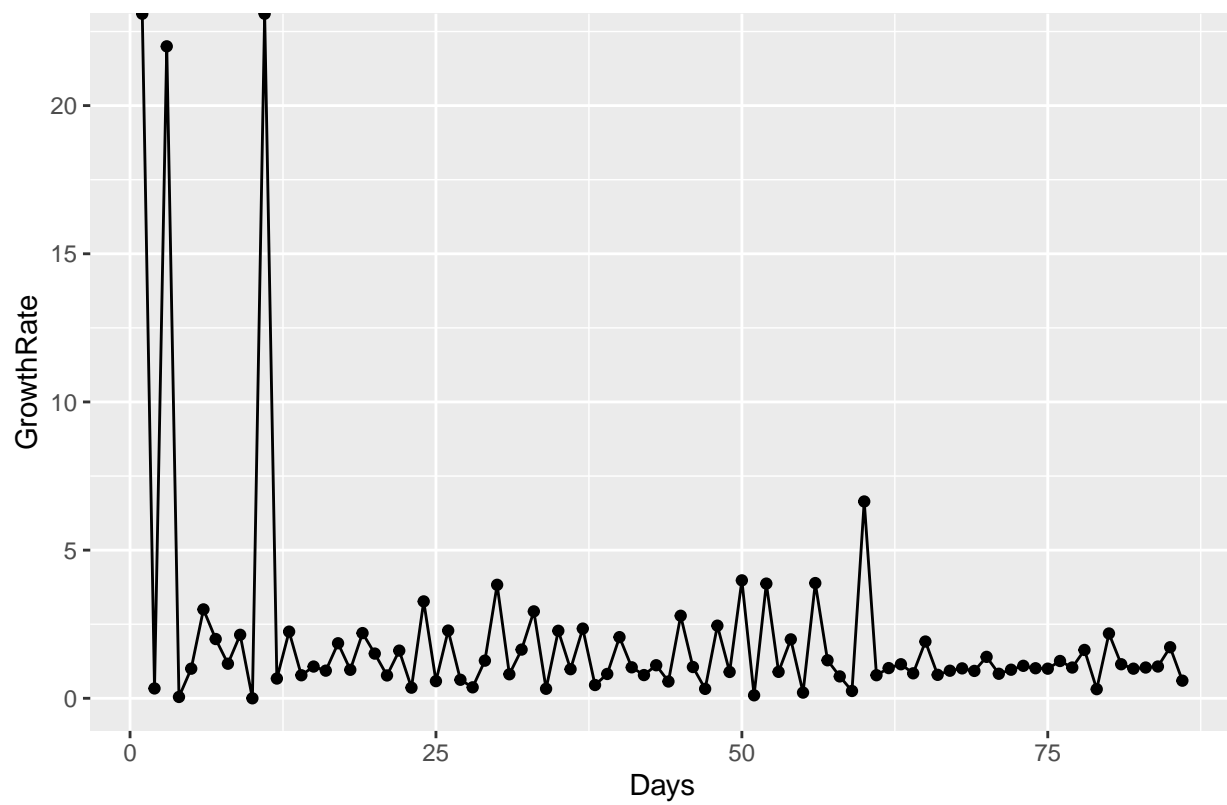
Results:

- Tomorrow's predicted case number is between 1.7665753×10^6 and 1.9188648×10^6 cases.
- Current doubling rate is **59 days**
- Mean doubling rate, i.e number of cases doubles every **7 days**.
- Median doubling rate, i.e number of cases doubles every **15 days**.
- Latest Observed Growth Rate **1.1898393** percent.
- Mean Growth Rate: **9.9130201** percent.
- Median Growth Rate: **4.588974** percent.
- Standard deviation: +/- **12.924278**.

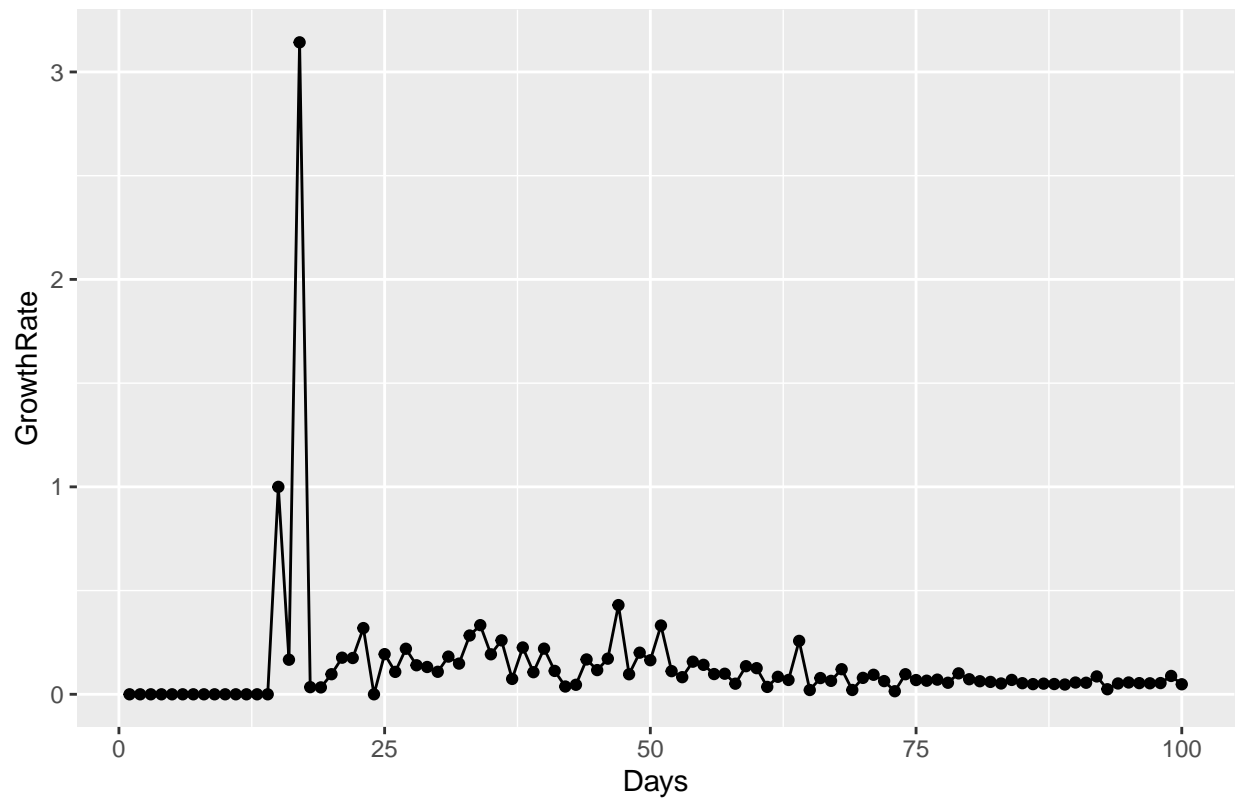
India Corona Dashboard

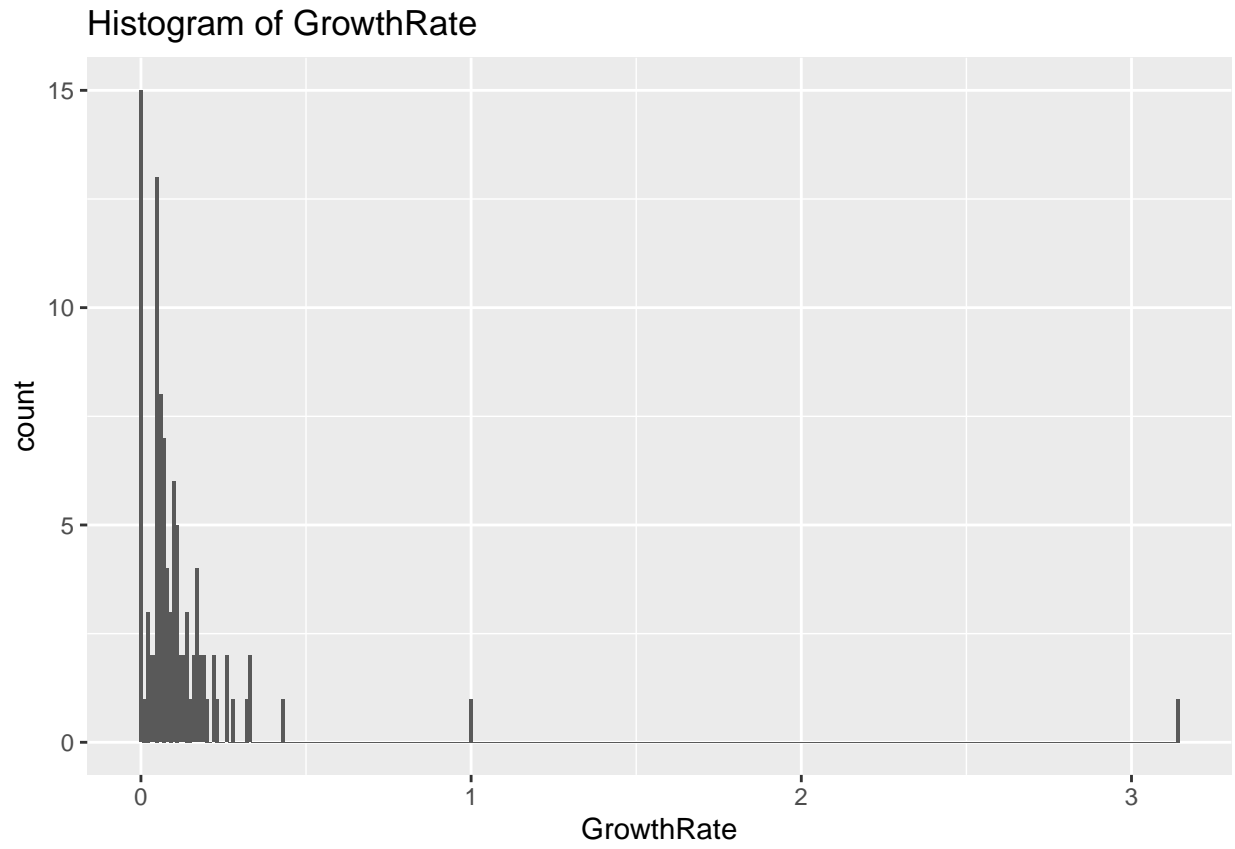


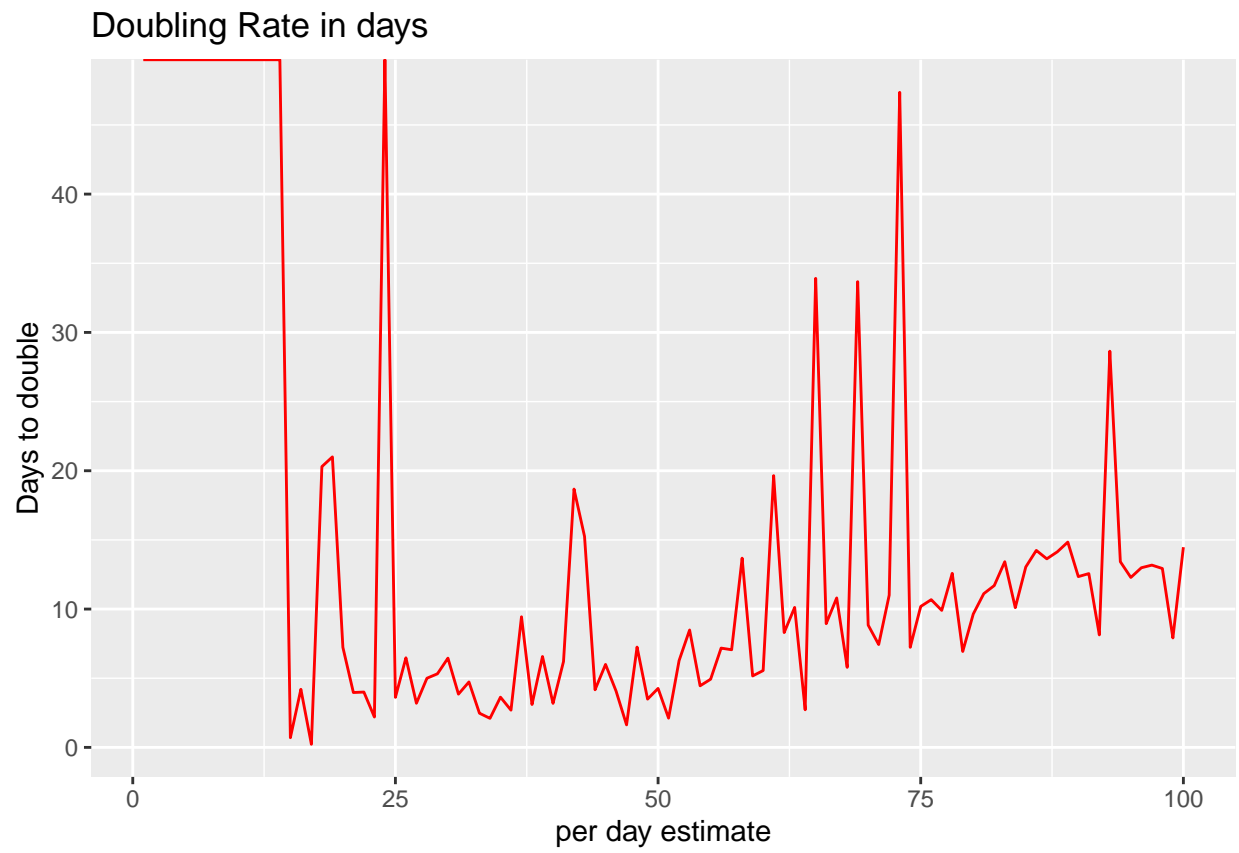
US: Rate of change in Growth Rate

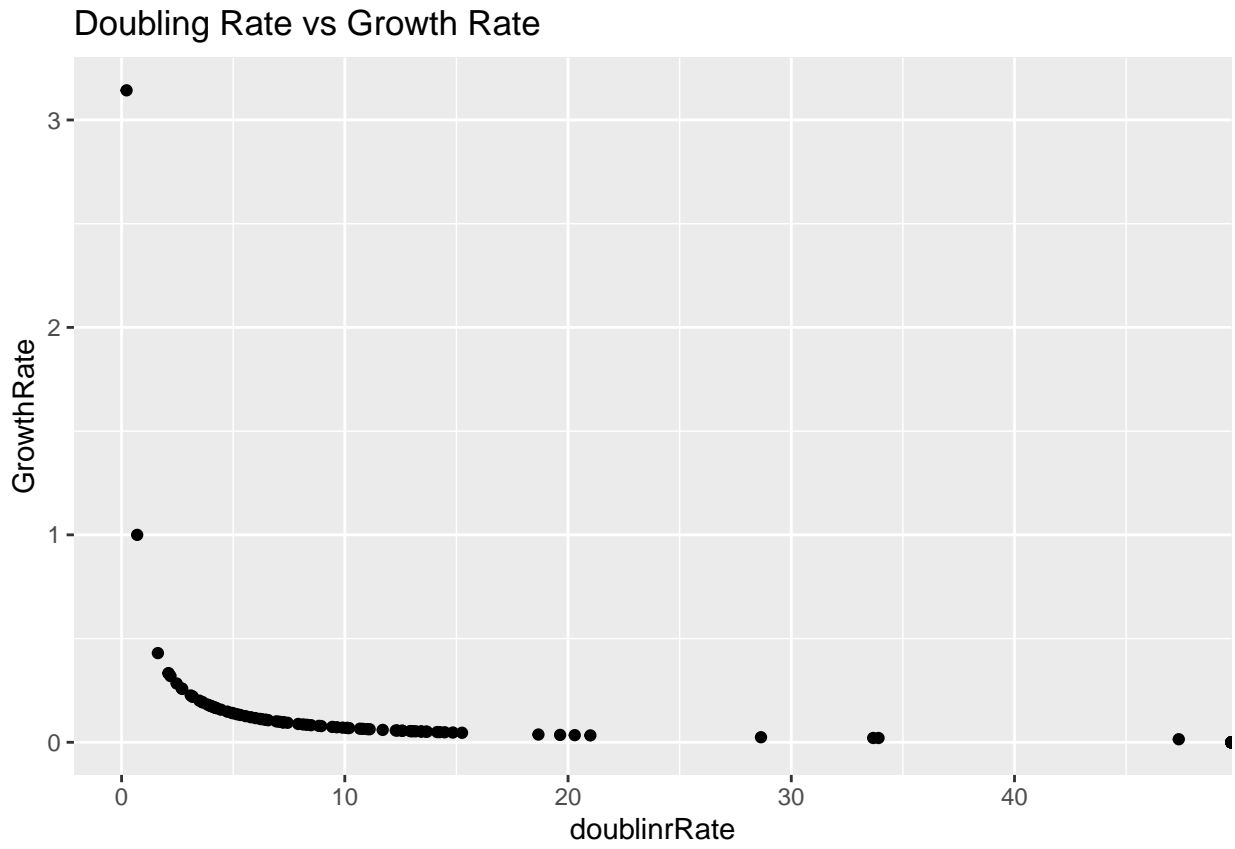


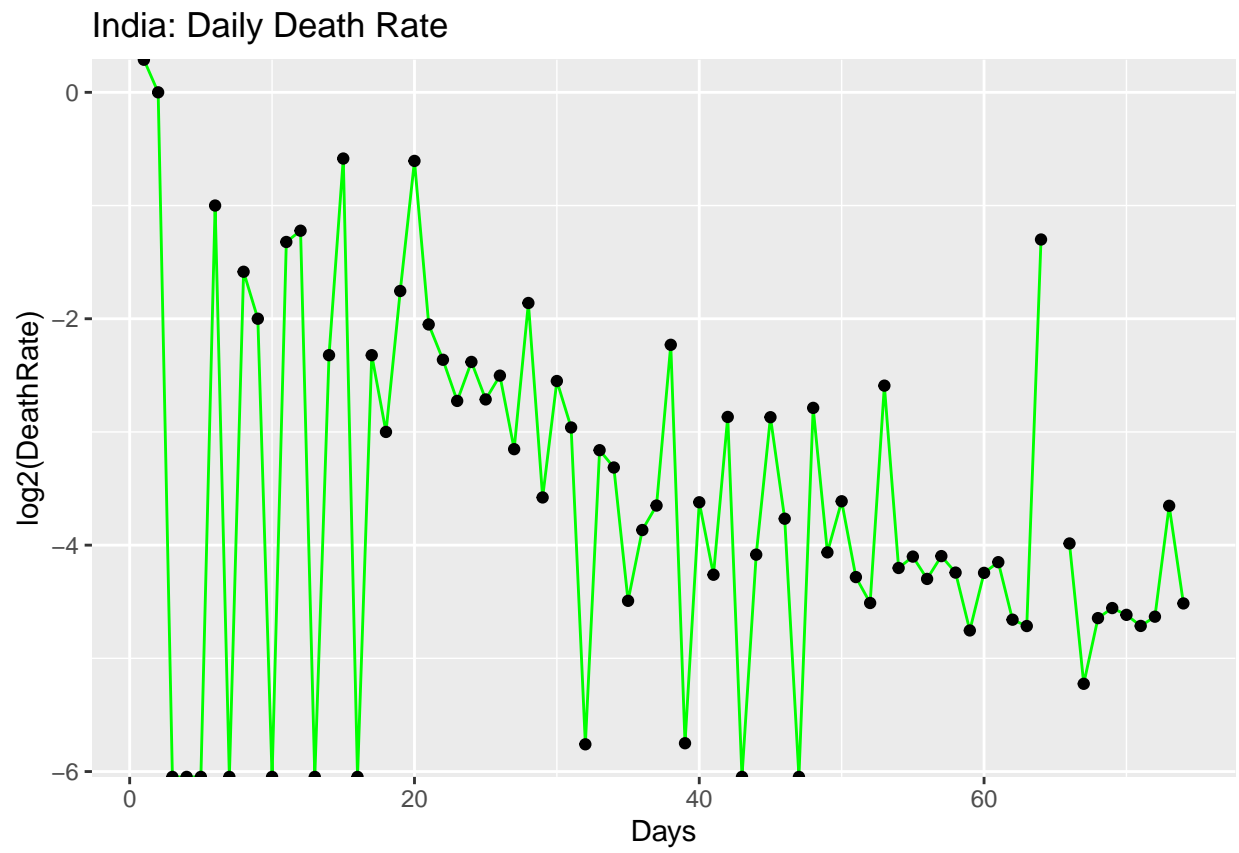
India: Growth Rate



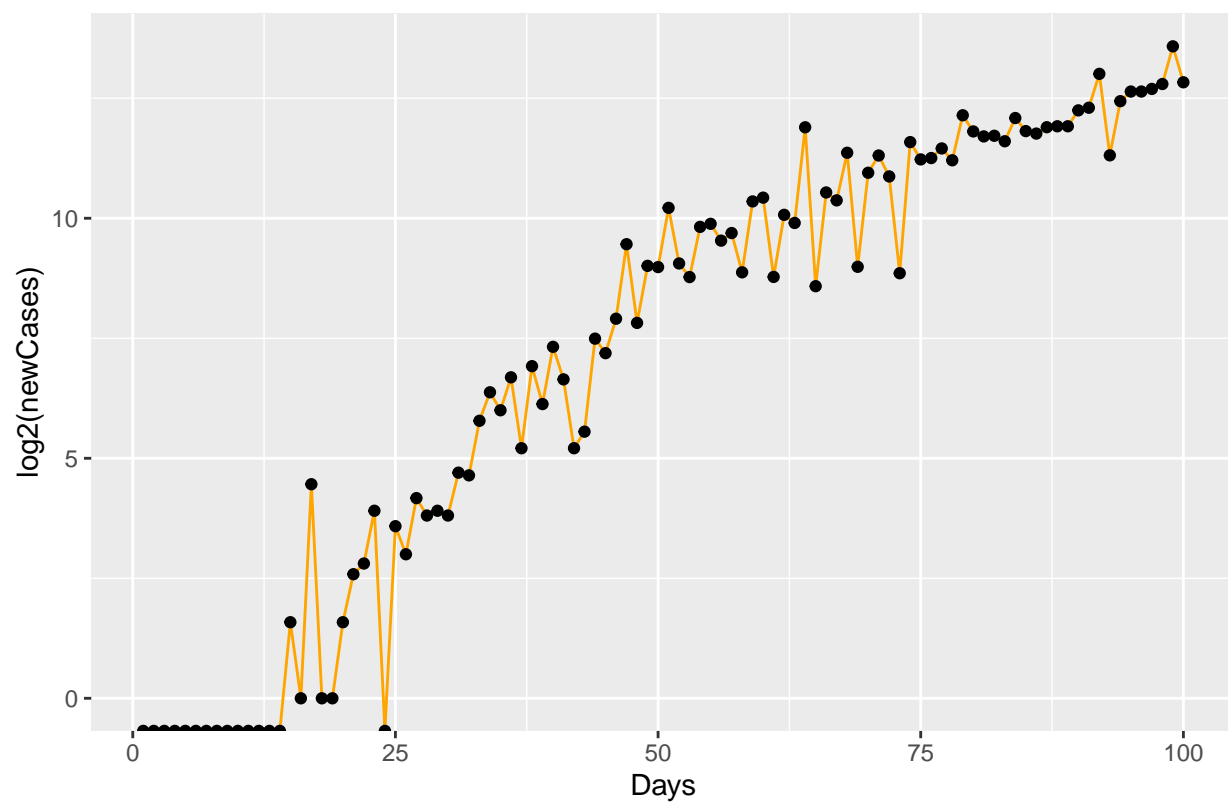




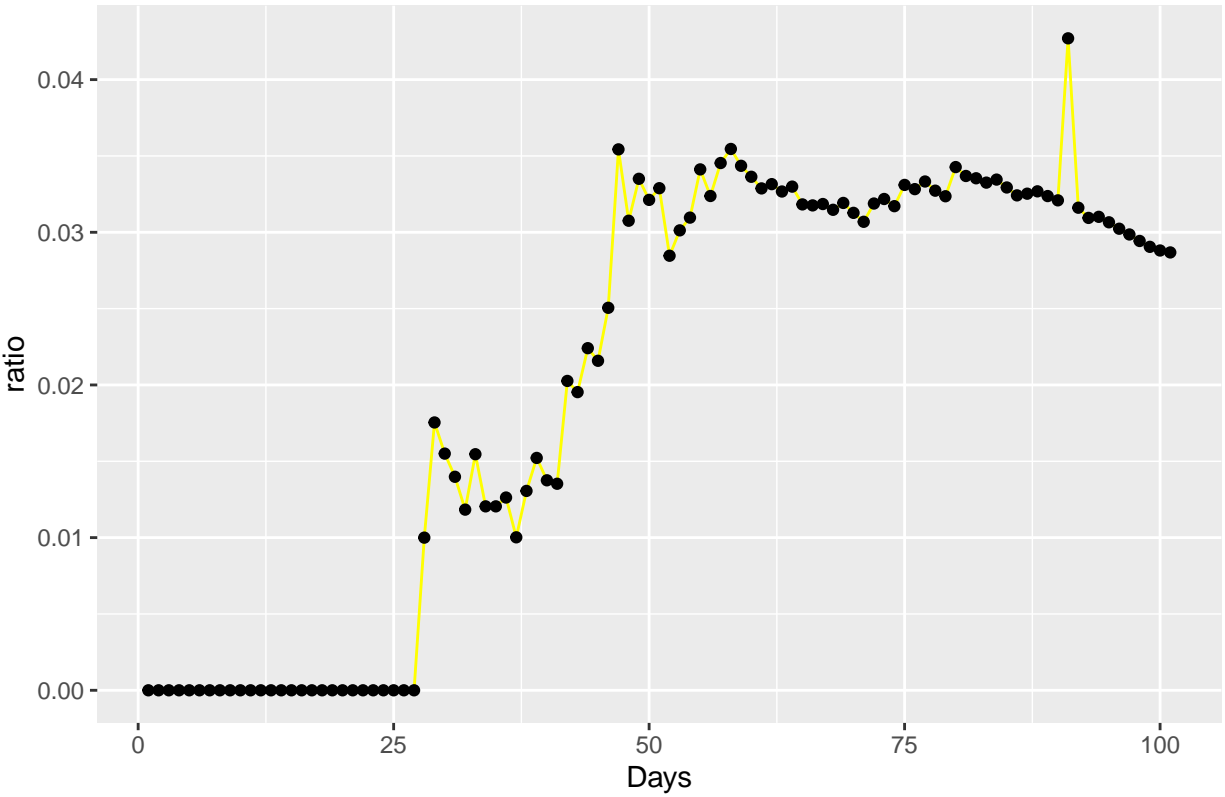


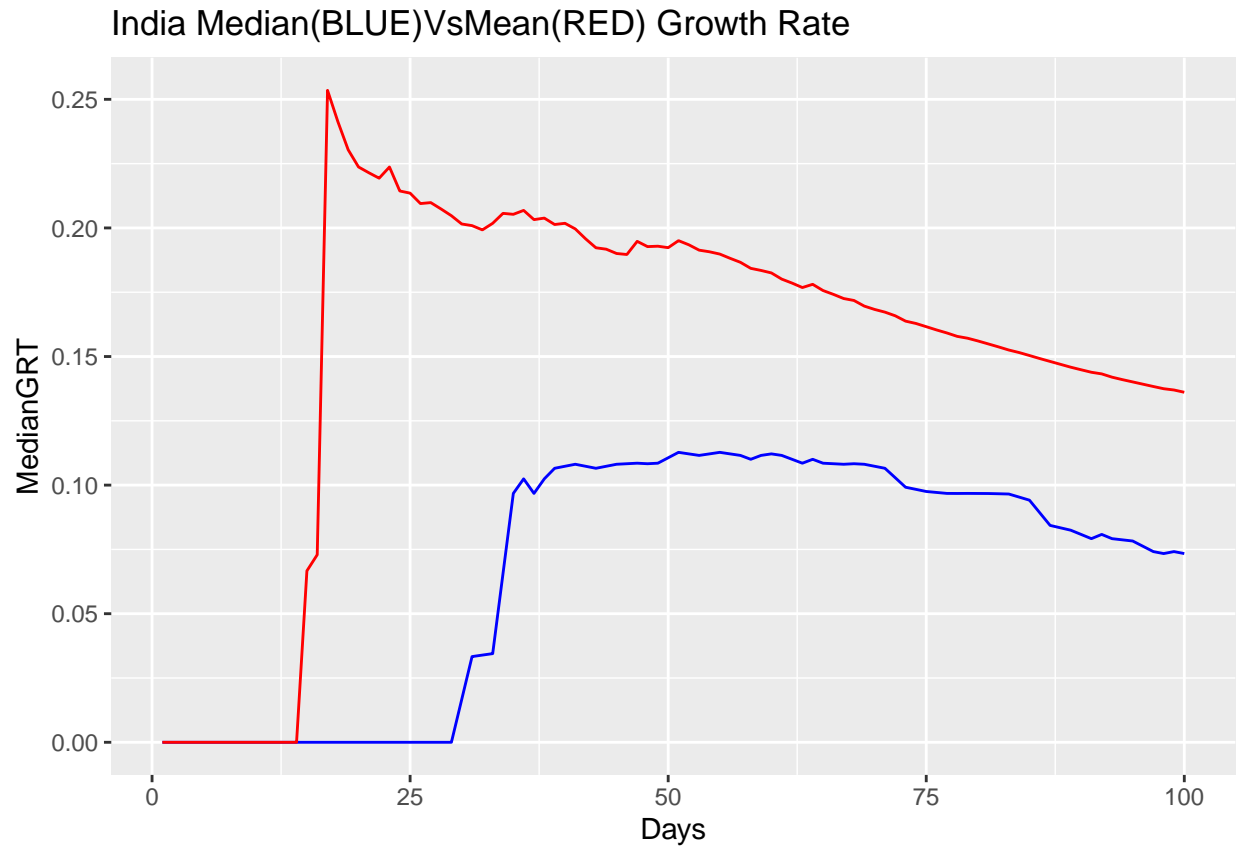


India:newCases(Orange)



India: TotalDeaths/TotalCases





Results:

- Tomorrow's predicted case number is between 1.6573172×10^5 and 1.7960205×10^5 cases.
- Current doubling rate is **14 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 **4.8364314** percent.
- Mean Growth Rate: **13.6103471** percent.
- Median Growth Rate: **7.3379816** percent.
- Standard deviation: +/- **32.8057819**.