

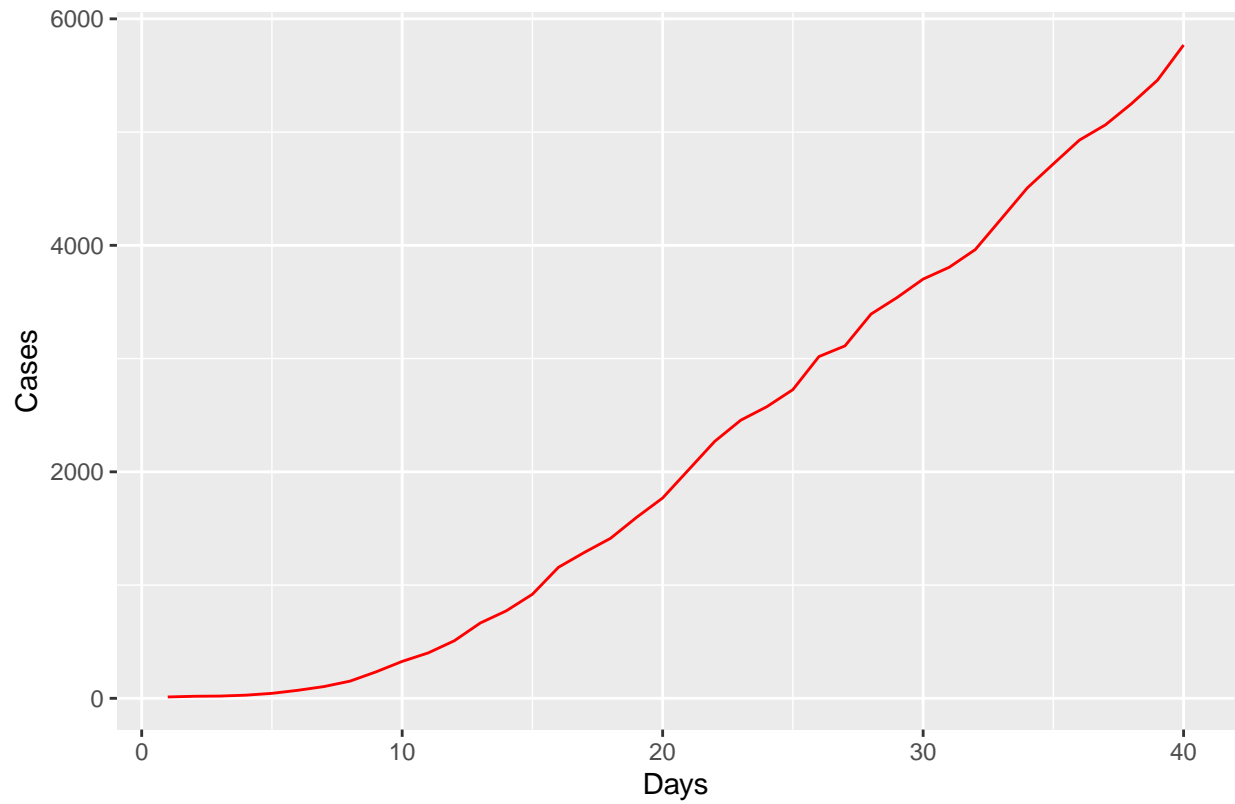
# Arizona/US/India Corona Trends- 23rd April 2020 with tomorrow's prediction

Whitchurch Muthumani

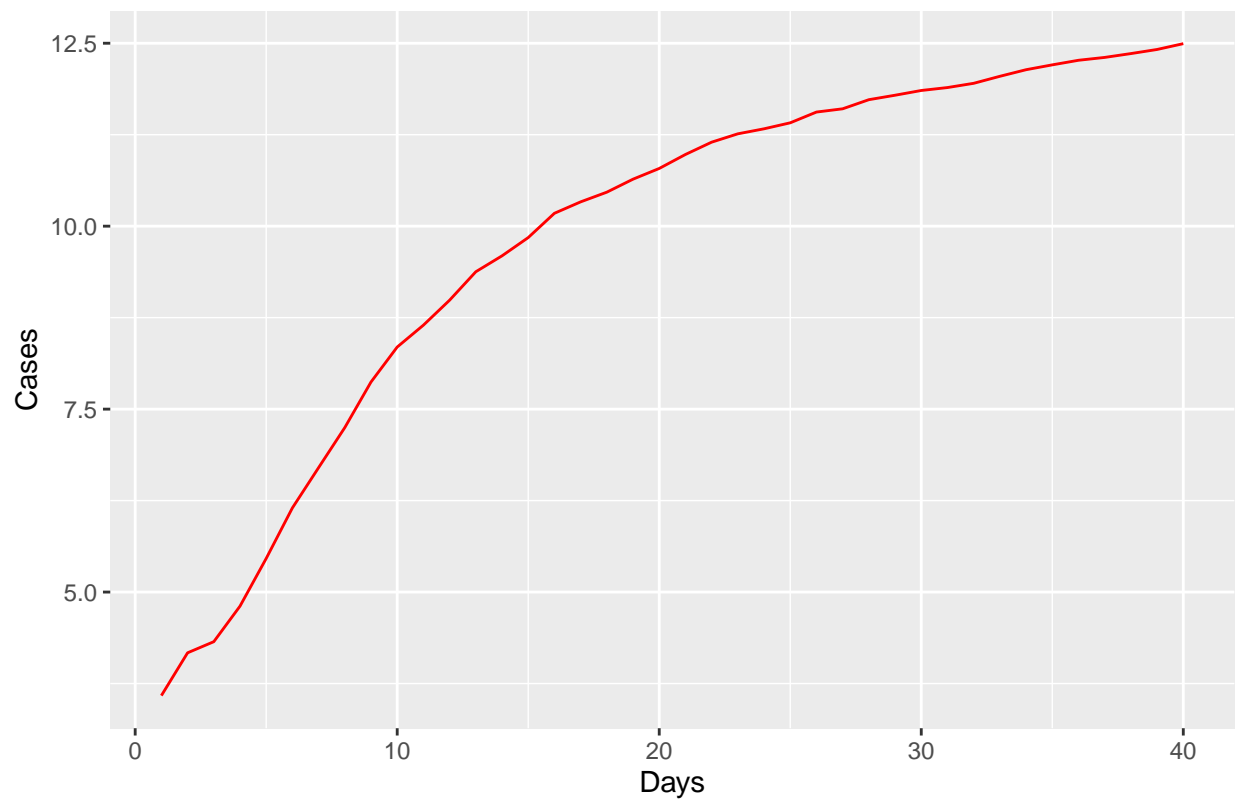
4/23/2020

## Arizona Corona Dashboard

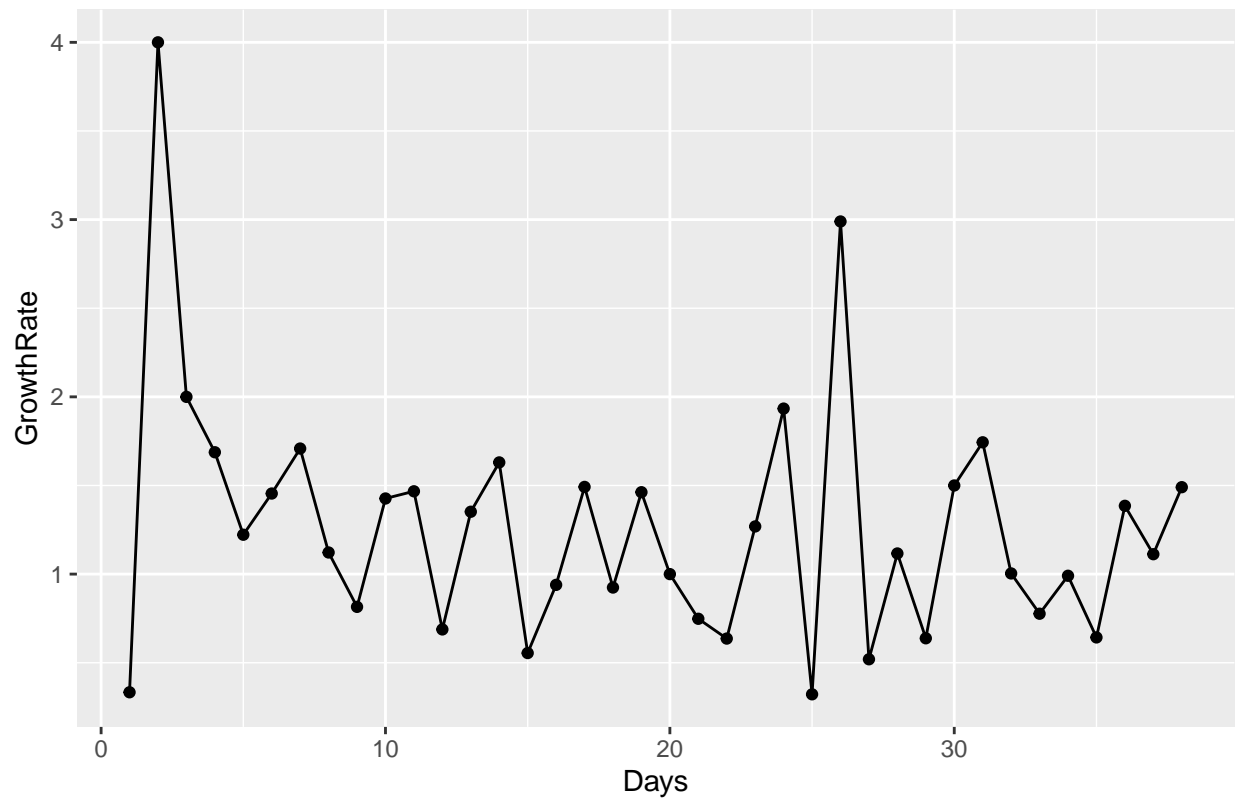
### Arizona: Daily Cases



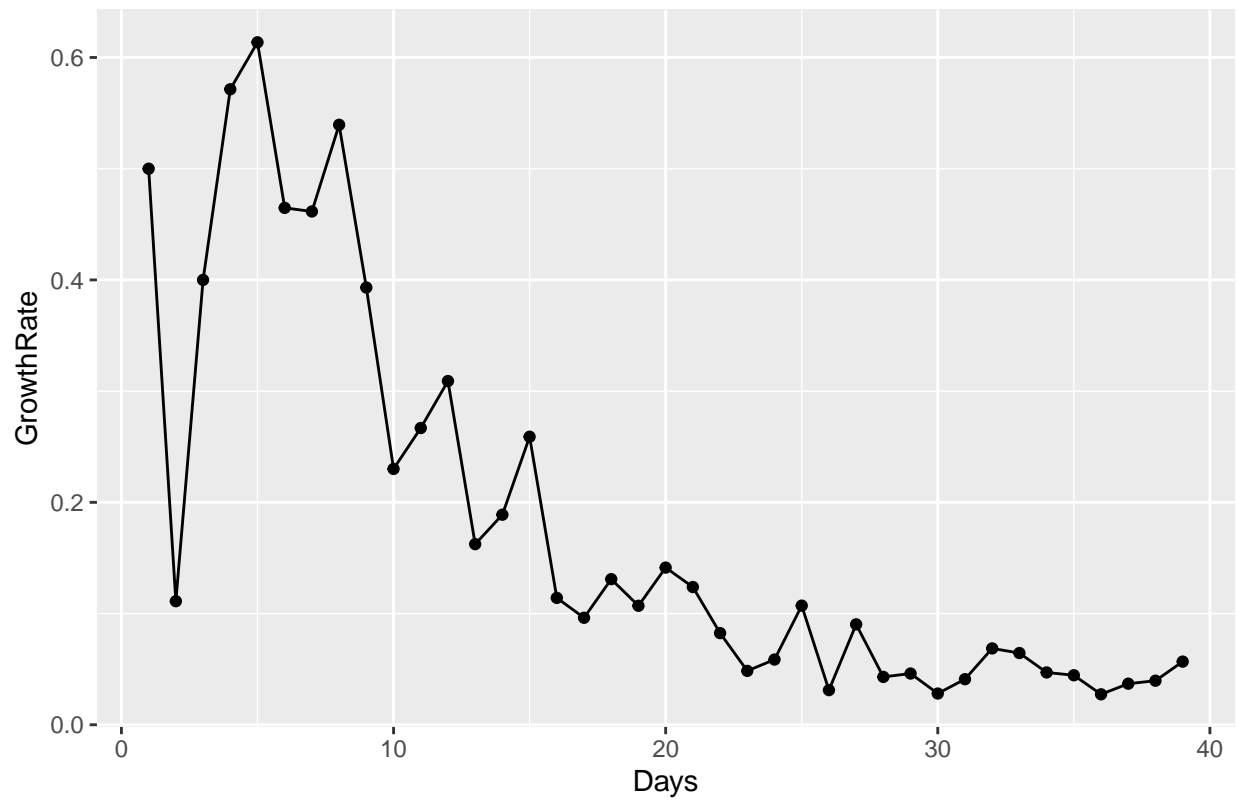
### Arizona: Daily Cases

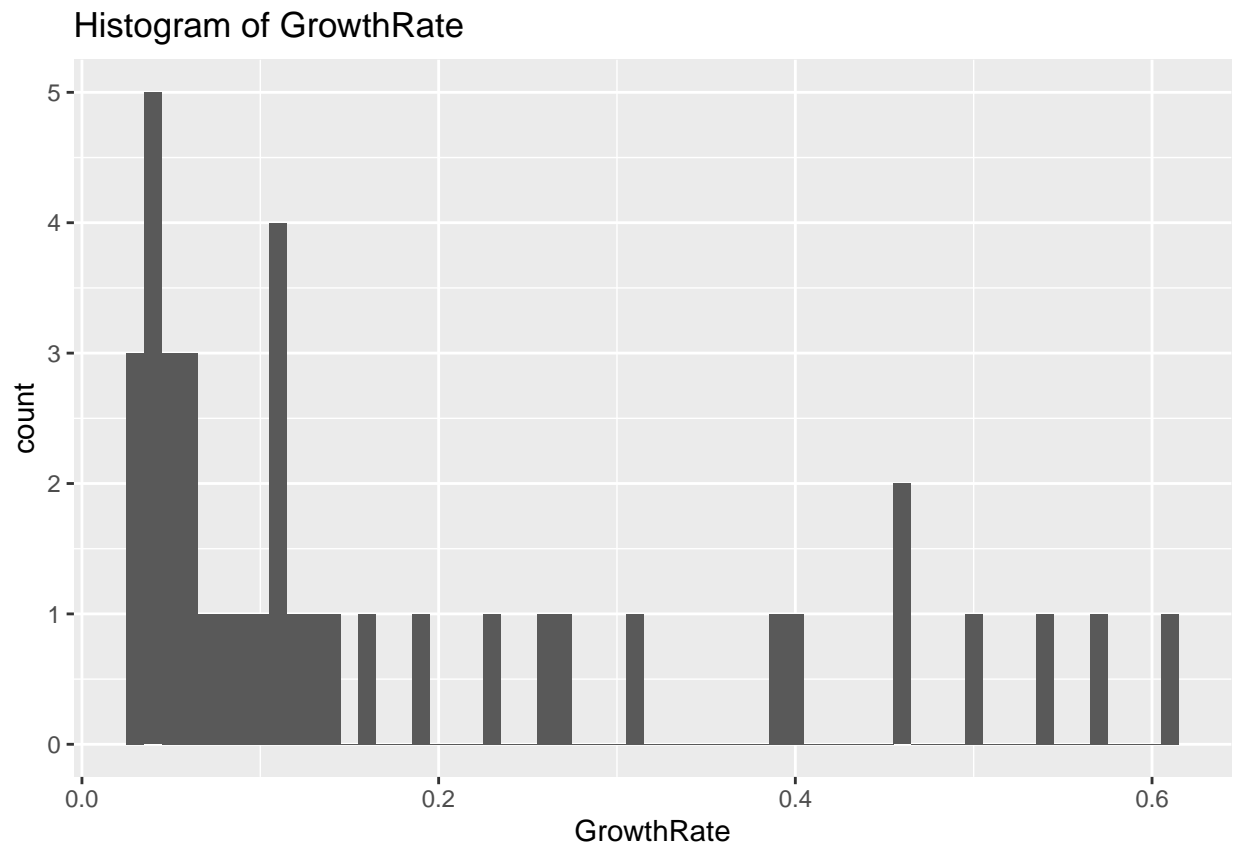


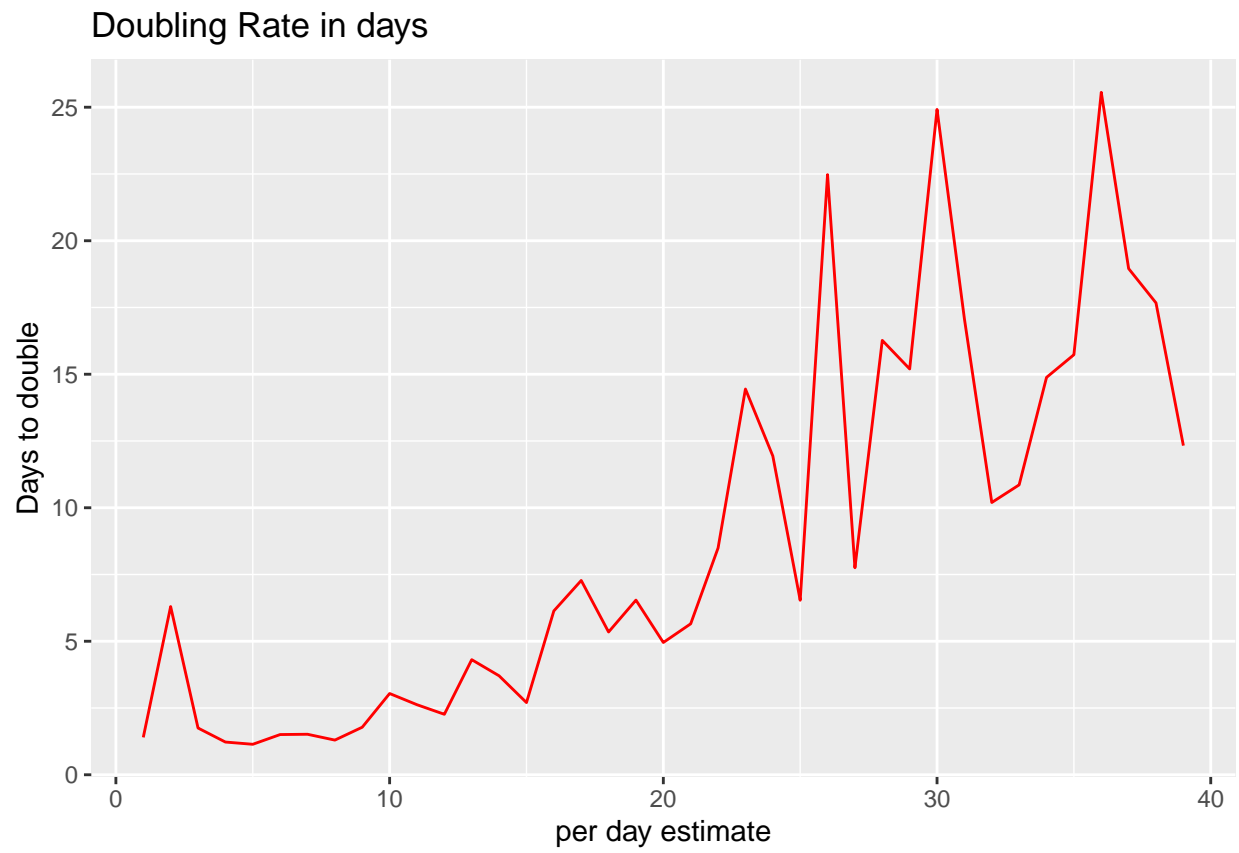
Arizona: Rate of change in Growth Rate

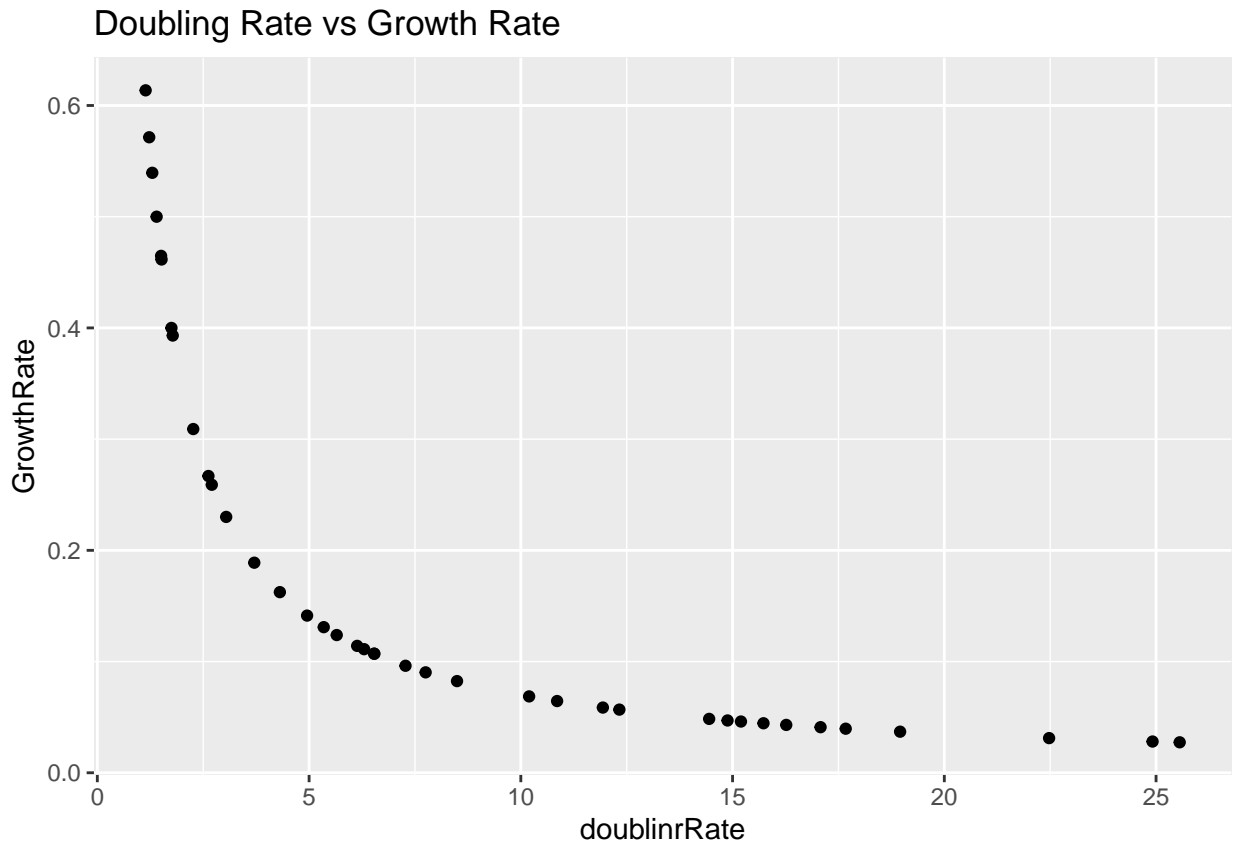


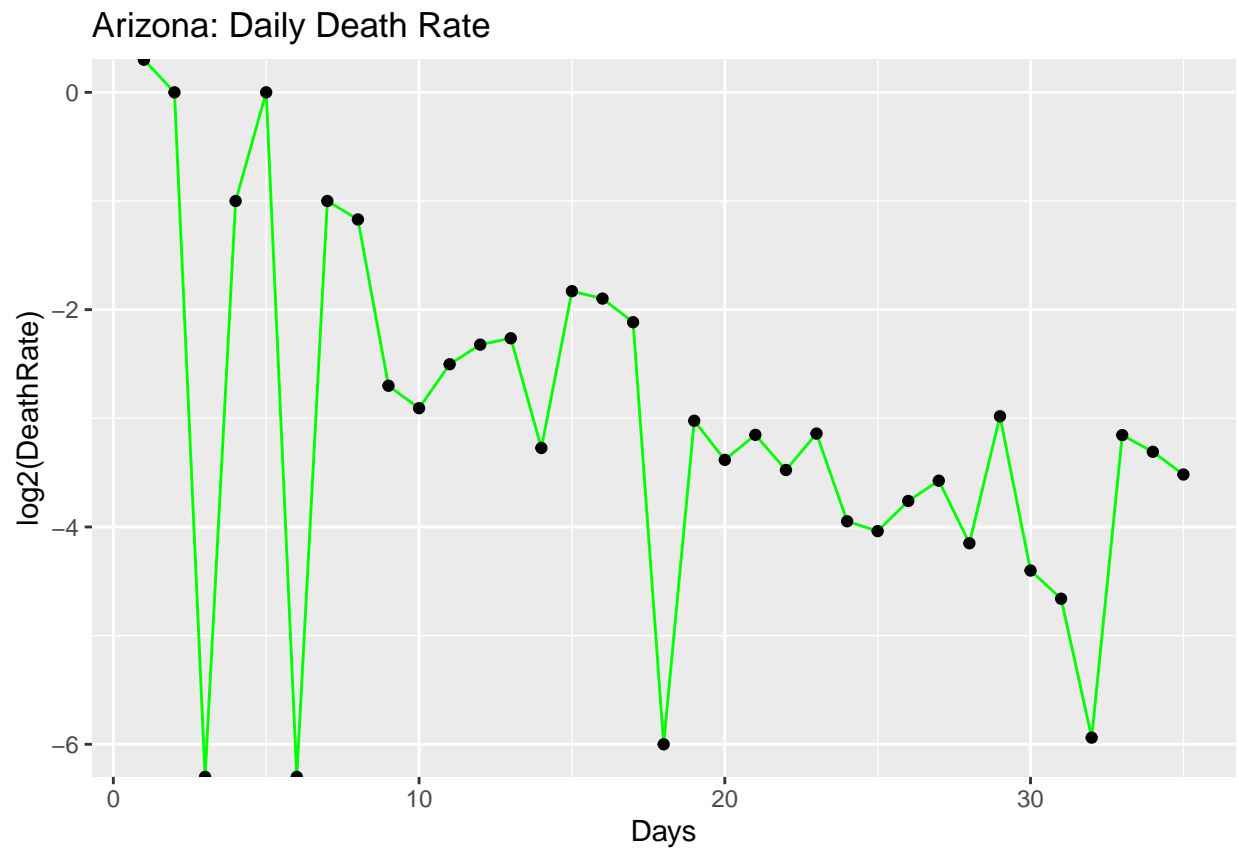
Arizona: Growth Rate



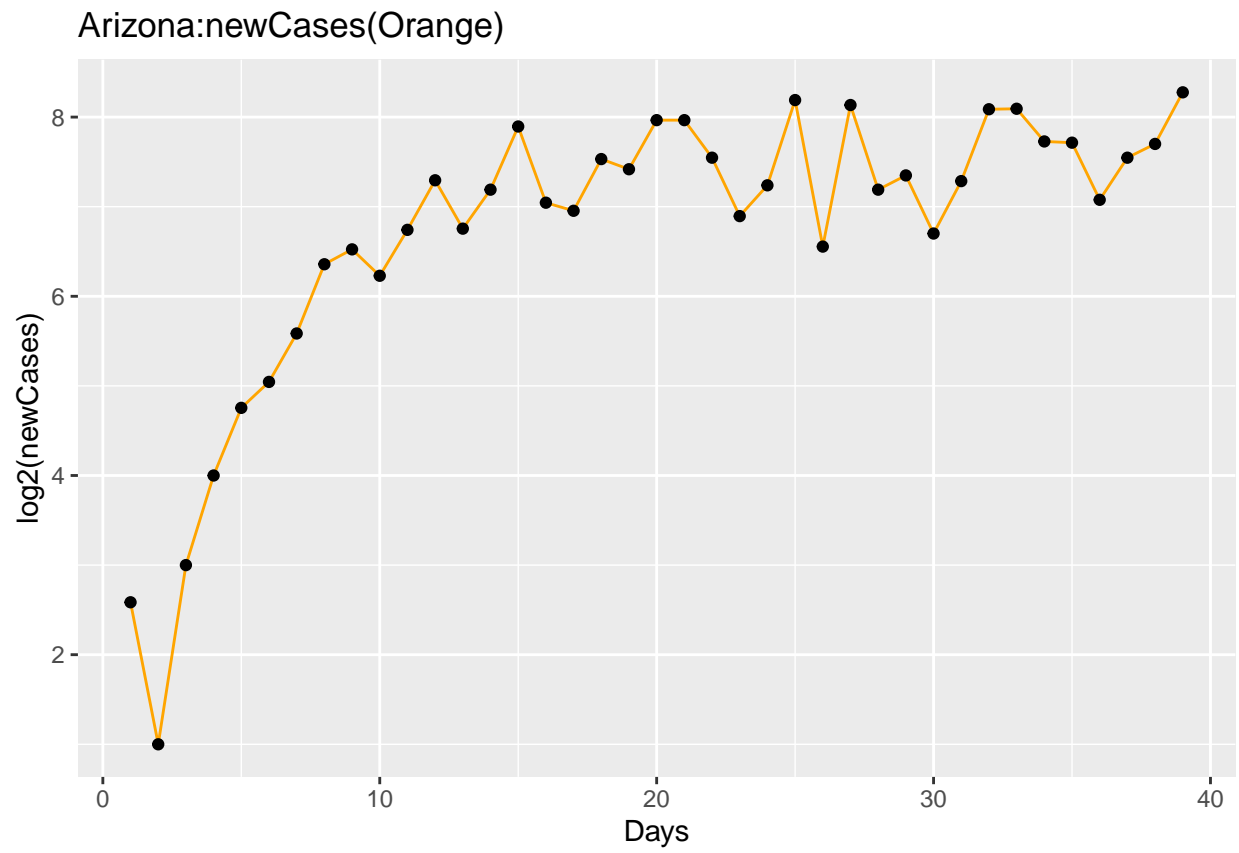




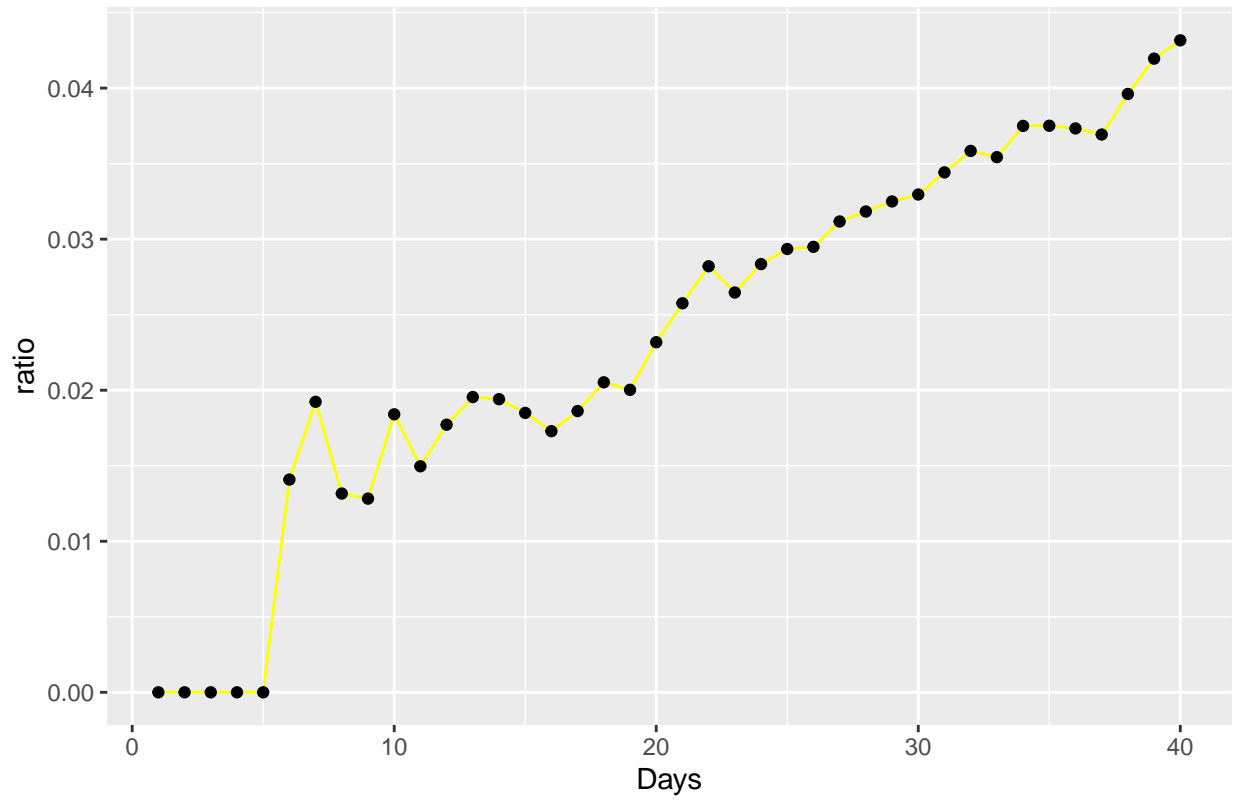


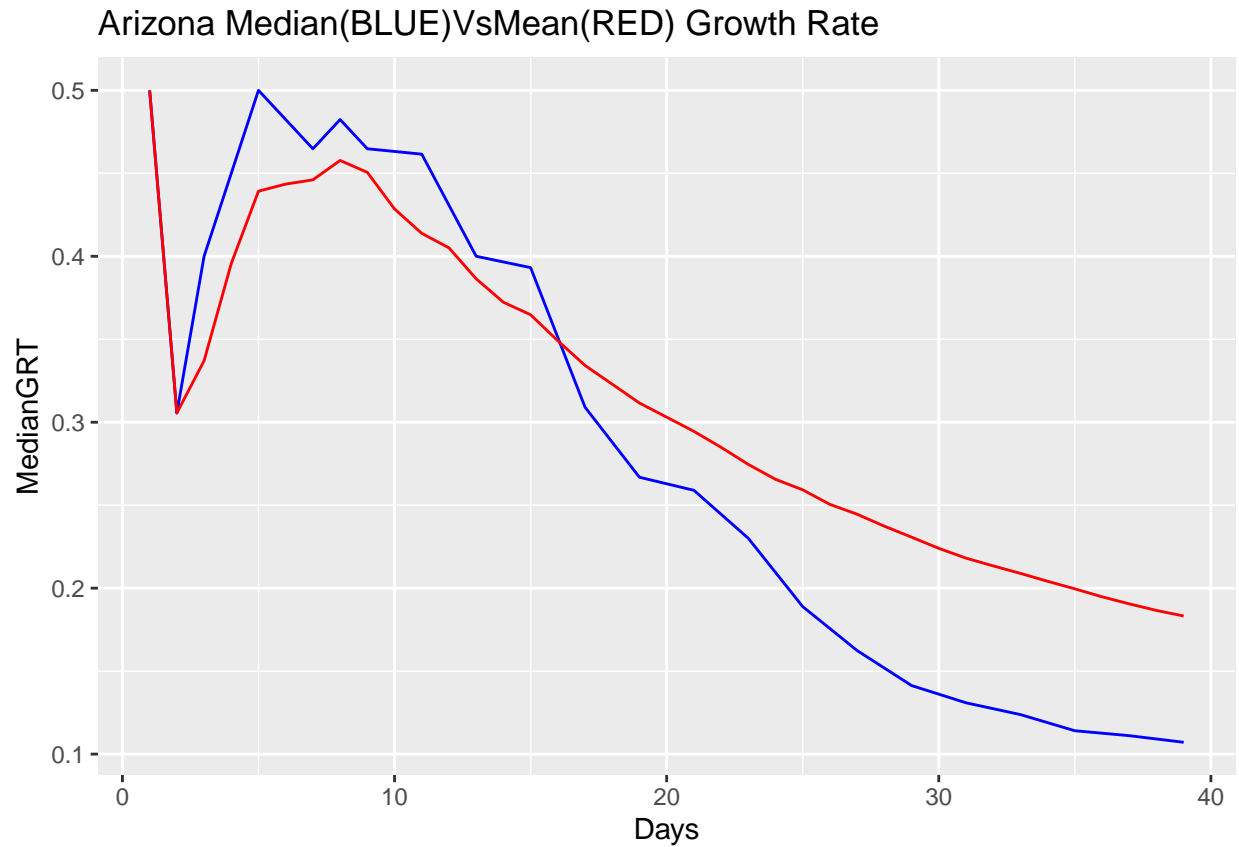






Arizona: TotalDeaths/TotalCases



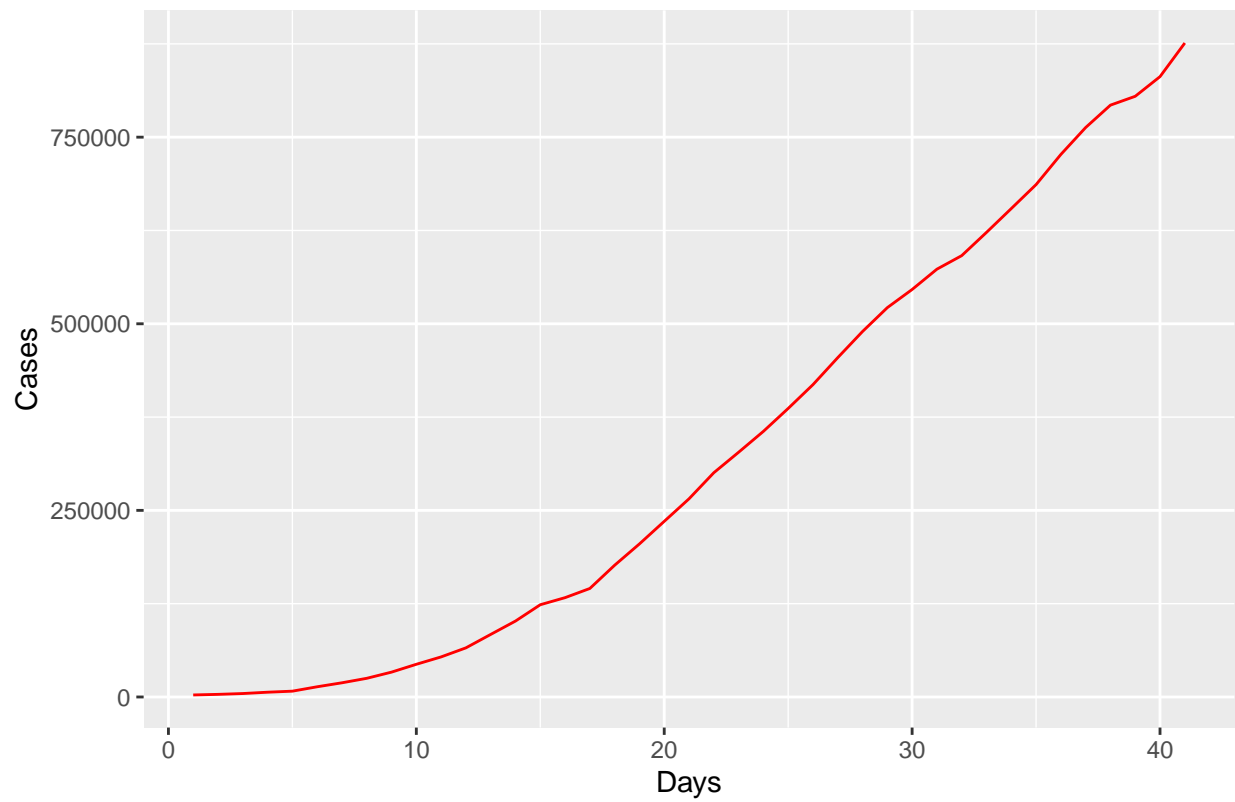


#### Results:

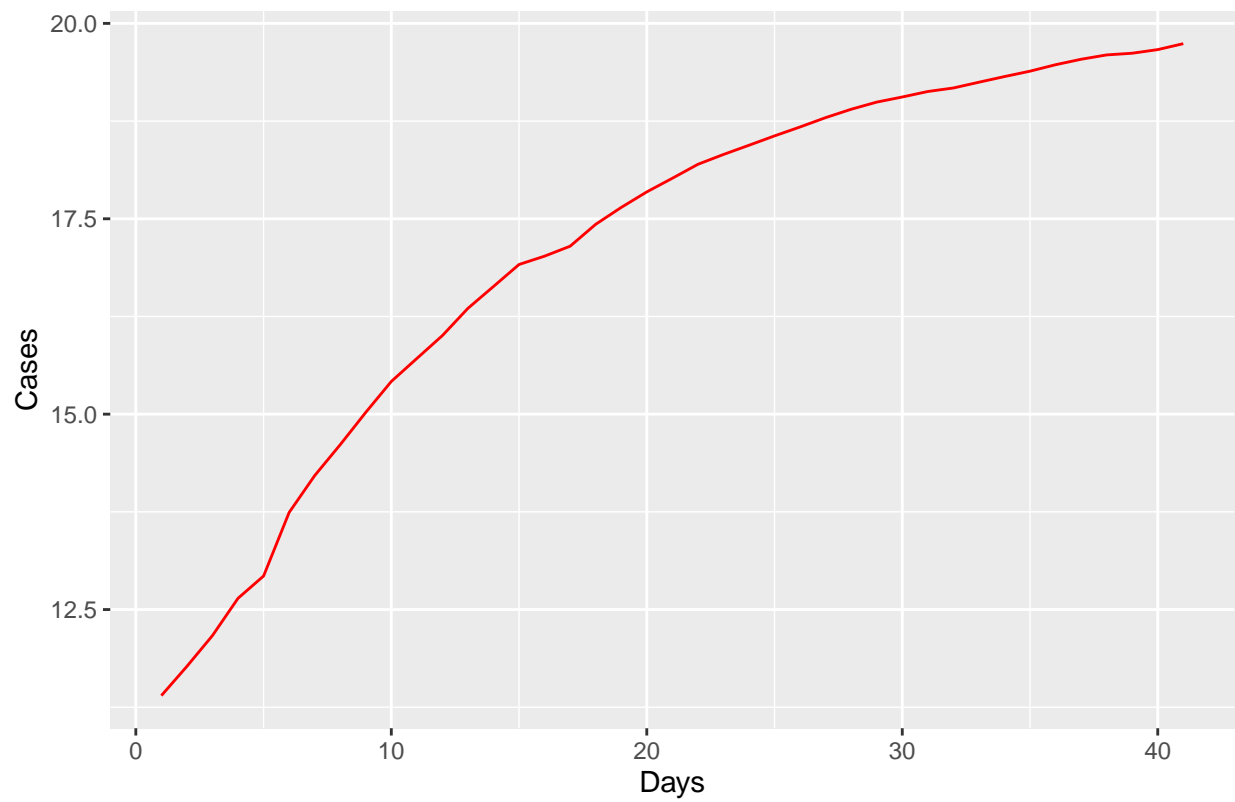
- Tomorrow's predicted case number is between **6096.6039568** and **6826.1079452** cases.
- Current doubling rate is **12 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **7 days**.
- Latest Observed Growth Rate **5.6786957** percent.
- Mean Growth Rate: **18.3239373** percent.
- Median Growth Rate: **10.7116654** percent.
- Standard deviation: +/- **17.6598635**.

## US Corona Dashboard

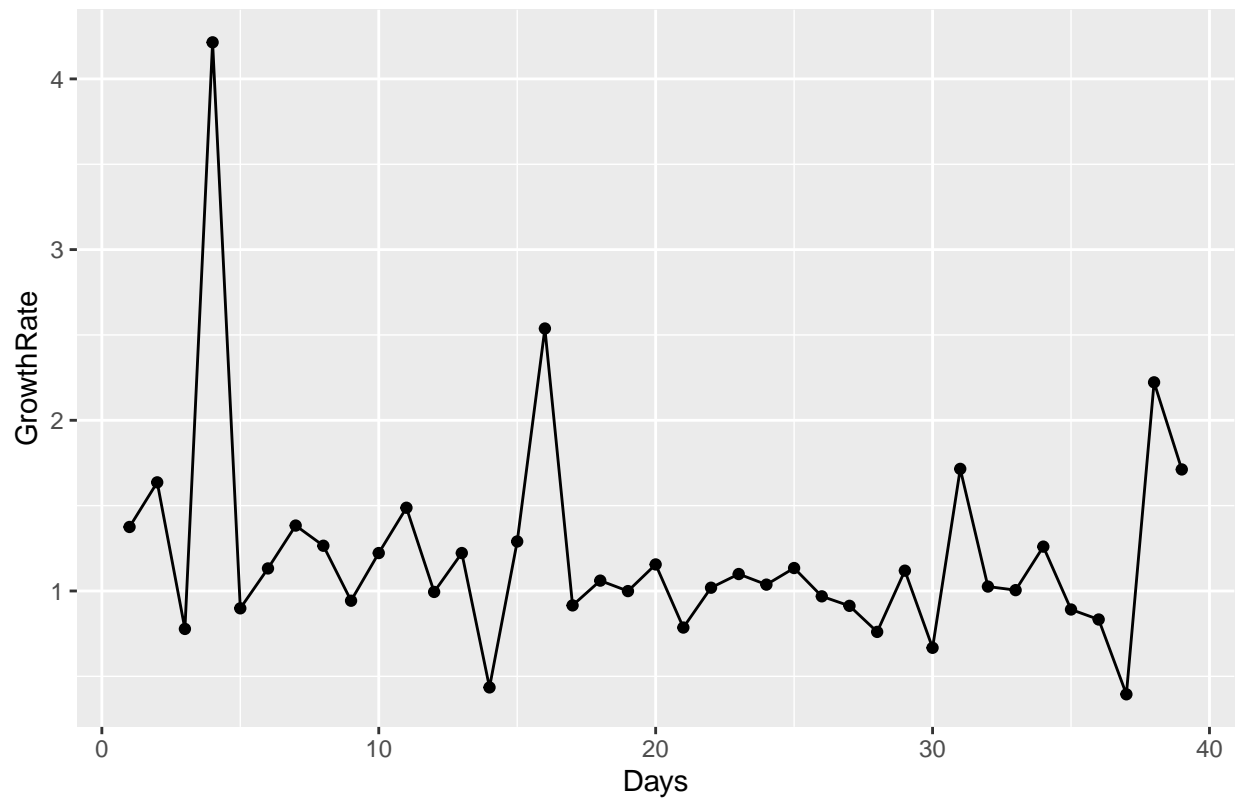
### US: Daily Cases



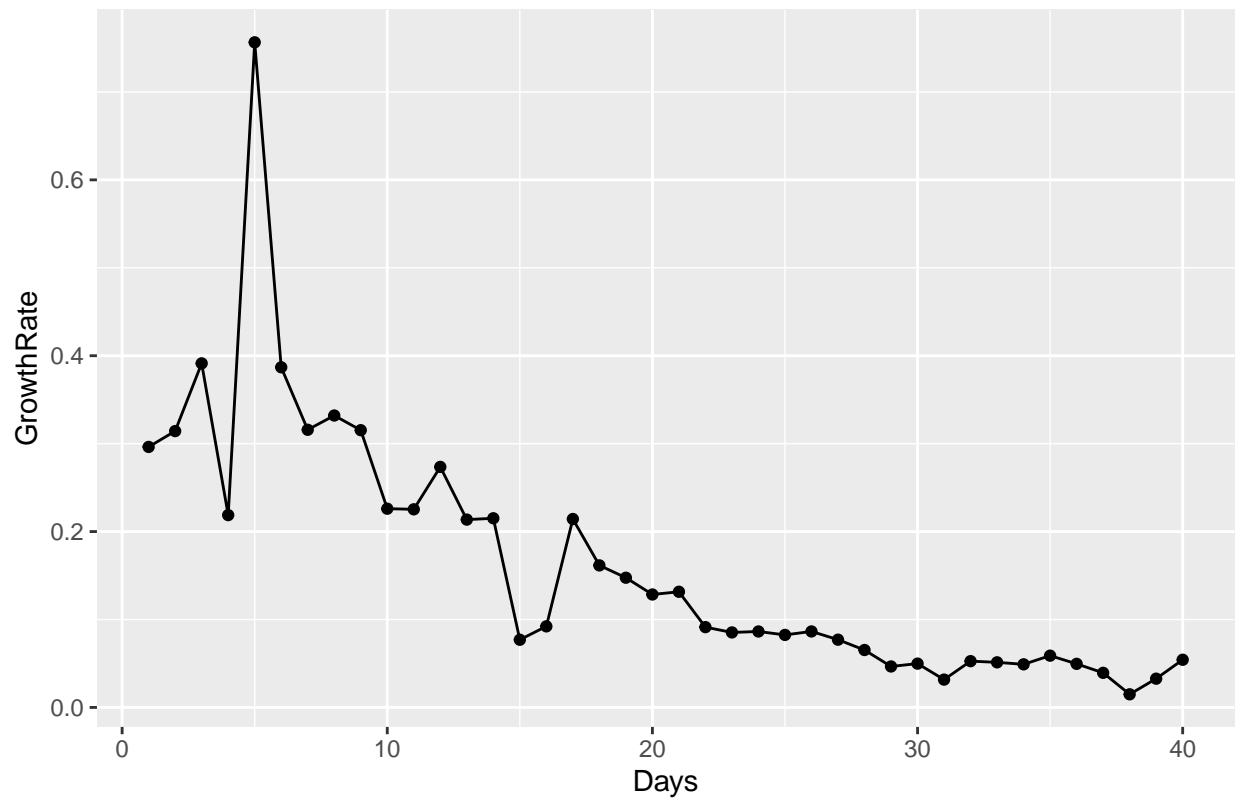
### US: Daily Cases

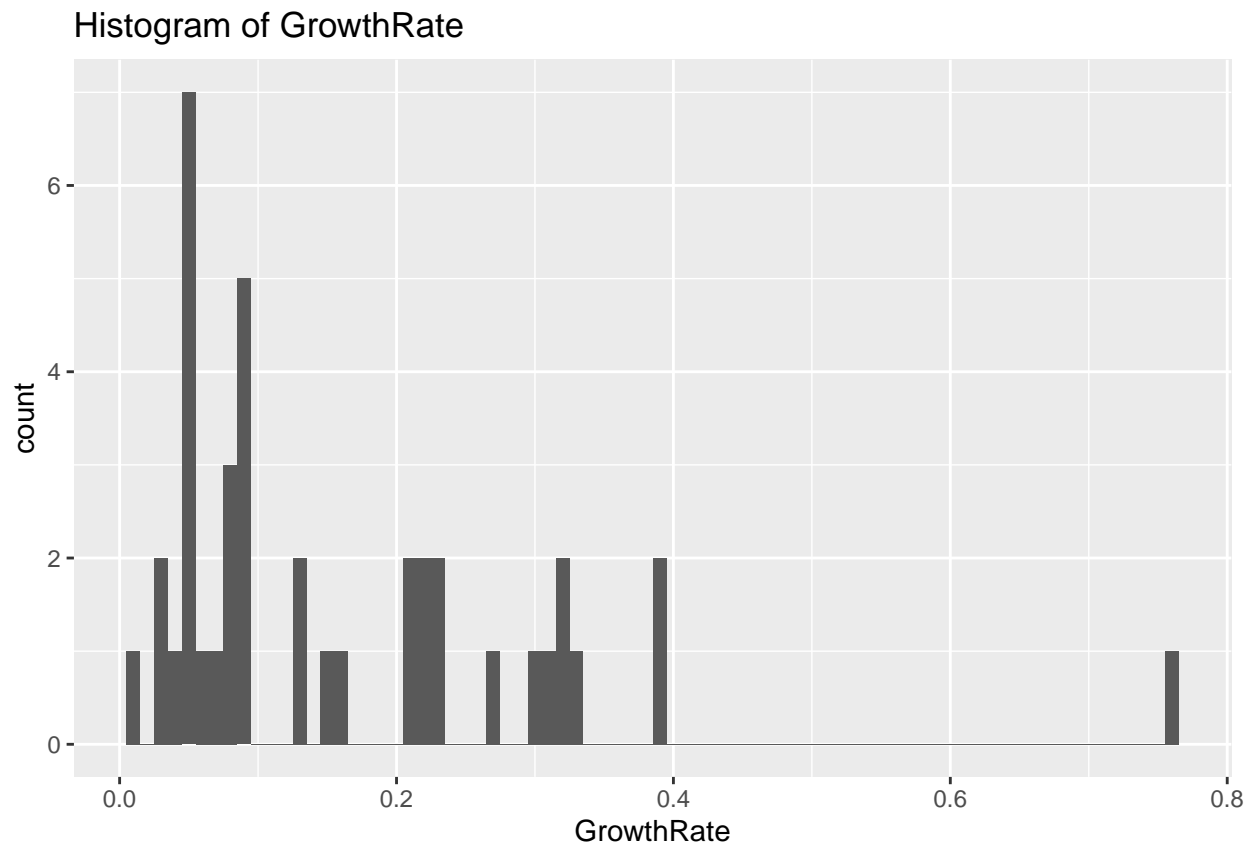


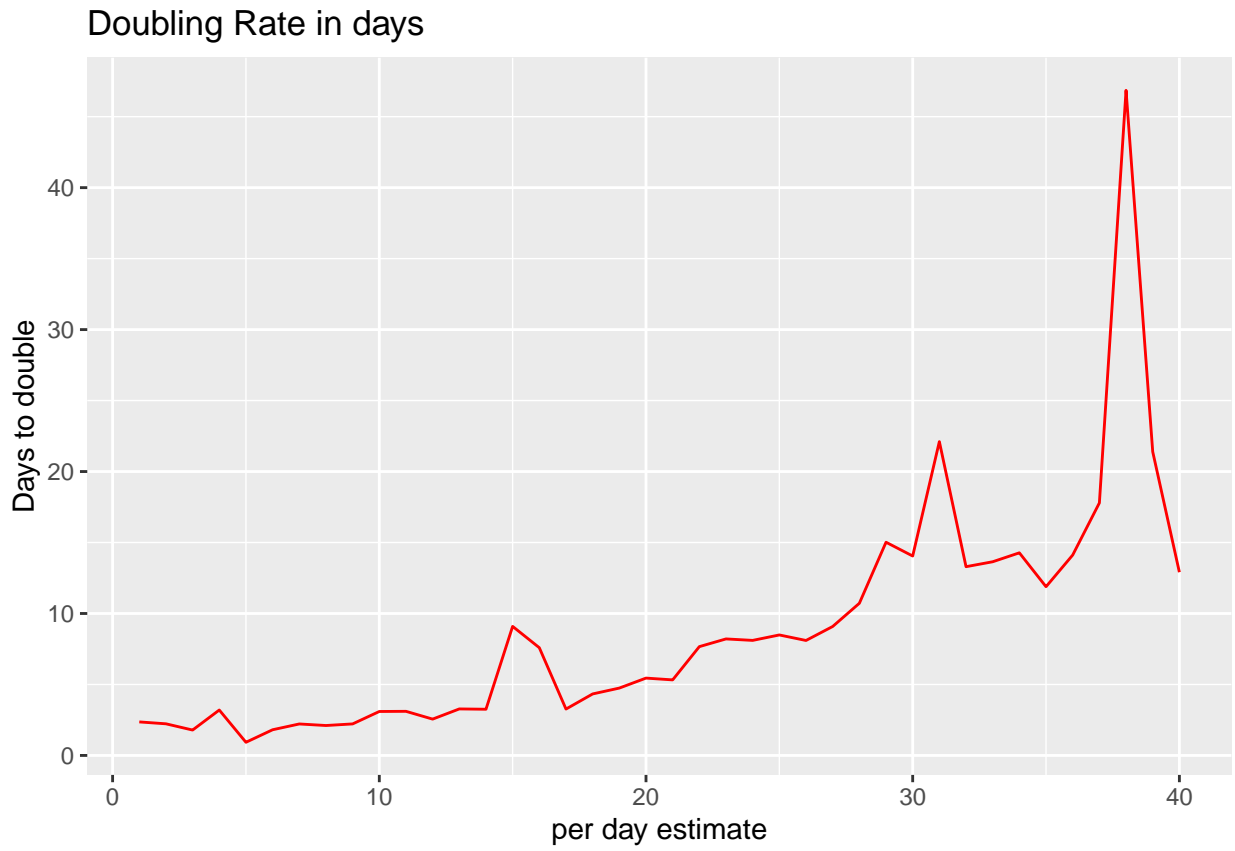
US: Rate of change in Growth Rate



US: Growth Rate

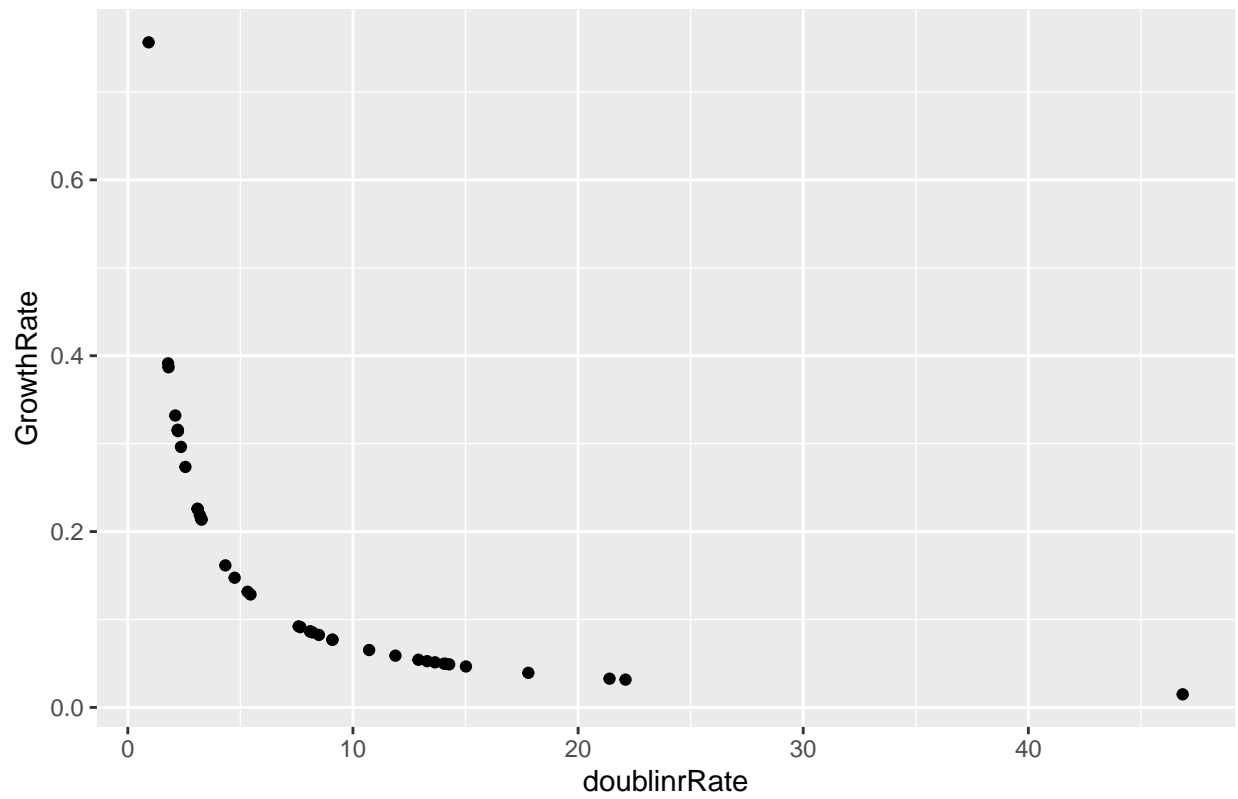


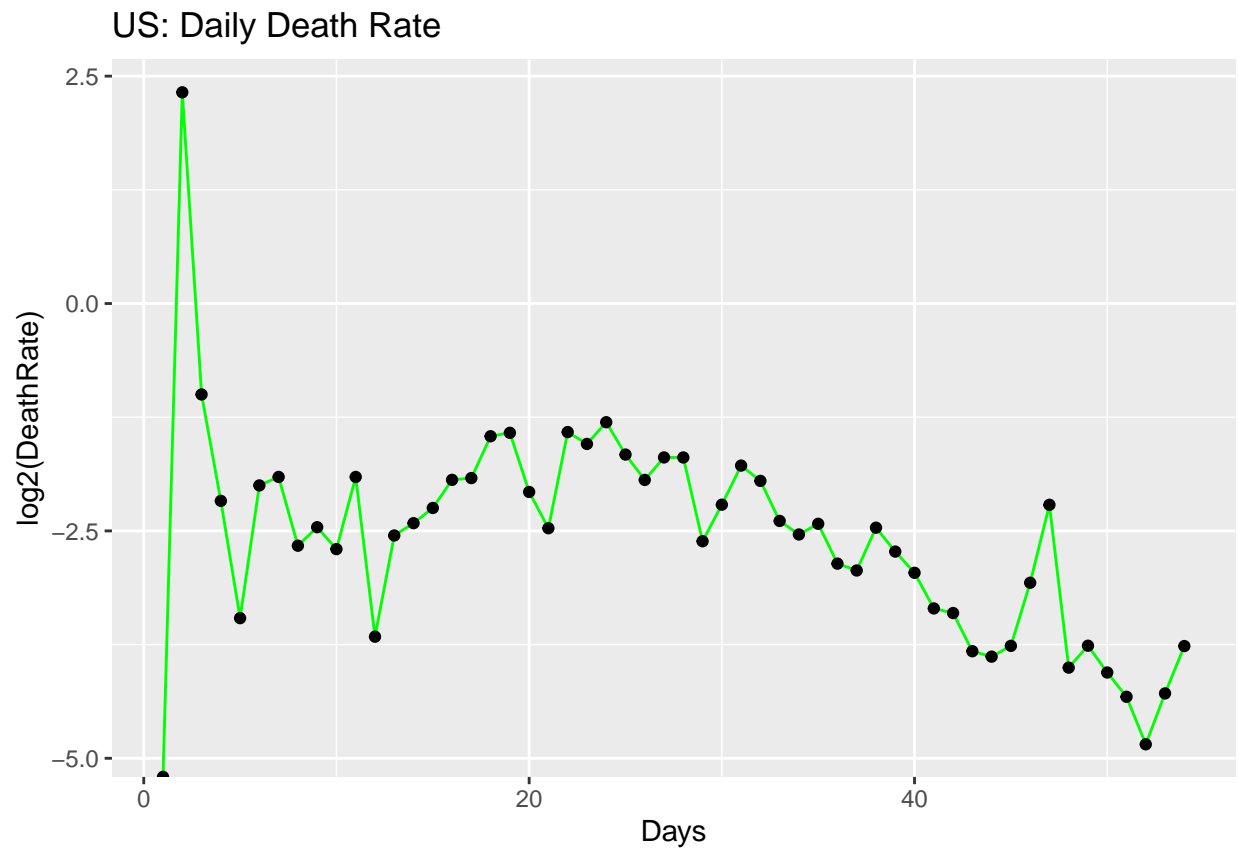


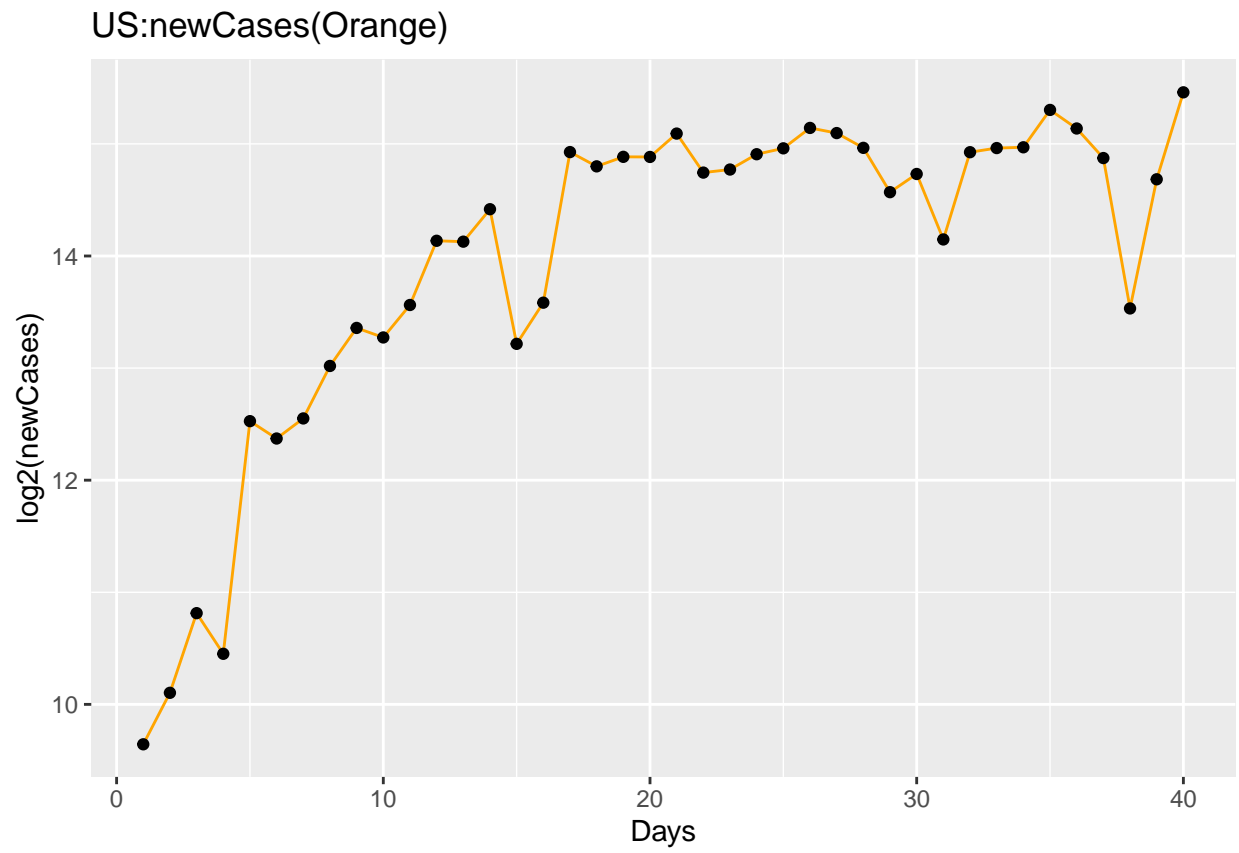




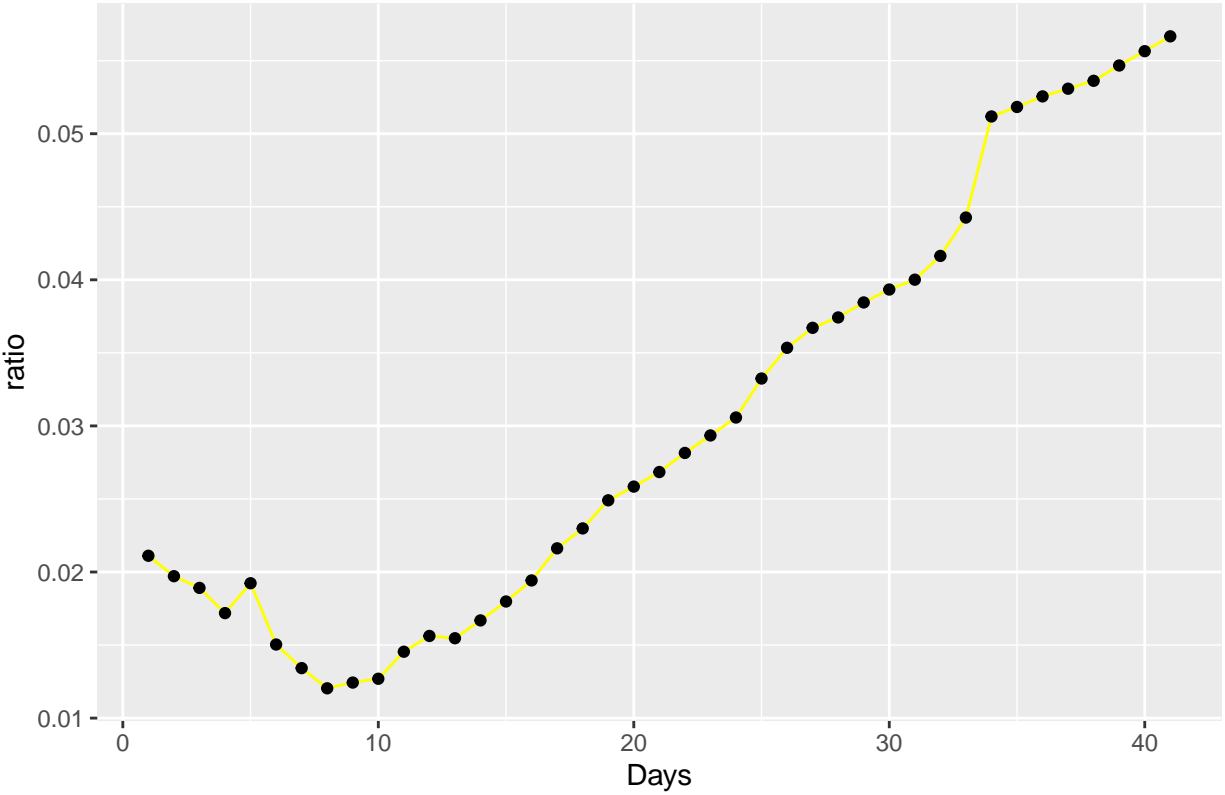
Doubling Rate vs Growth Rate

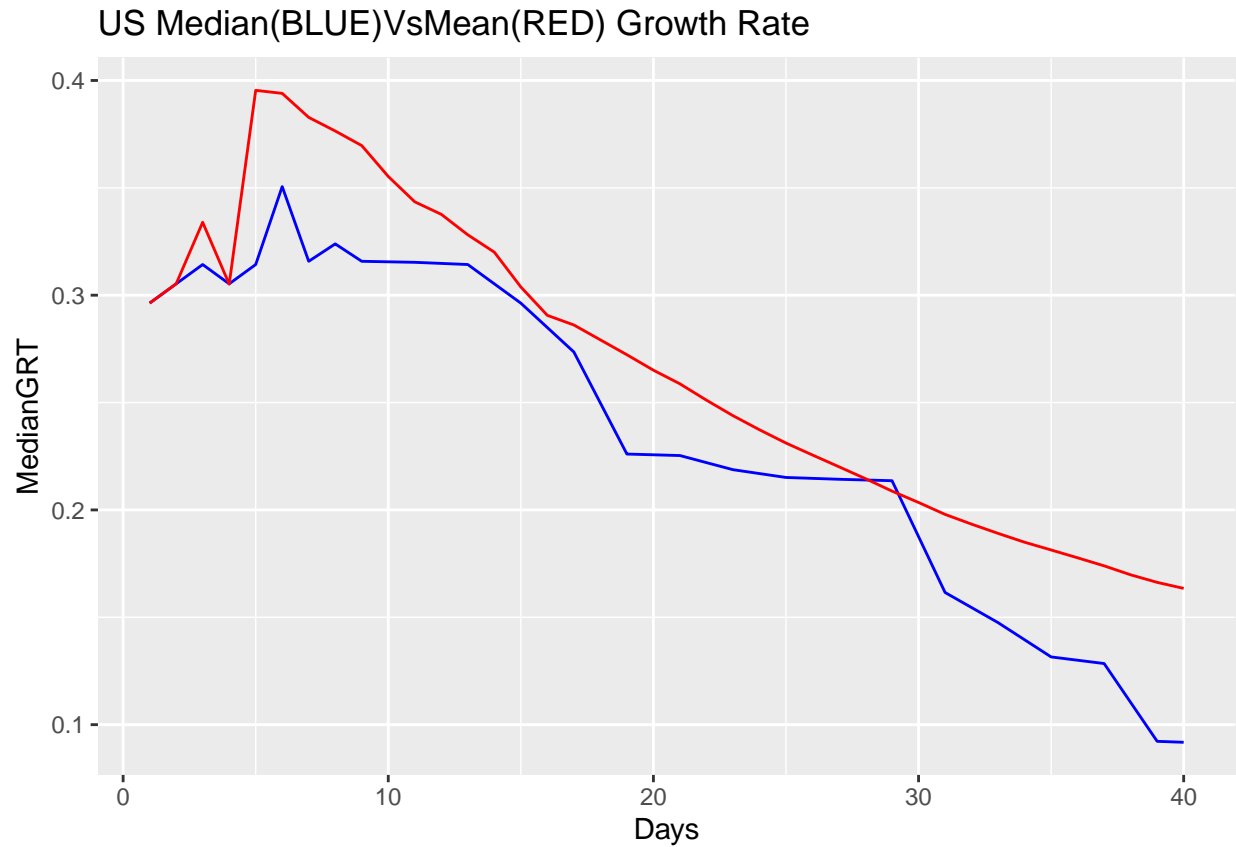






US: TotalDeaths/TotalCases



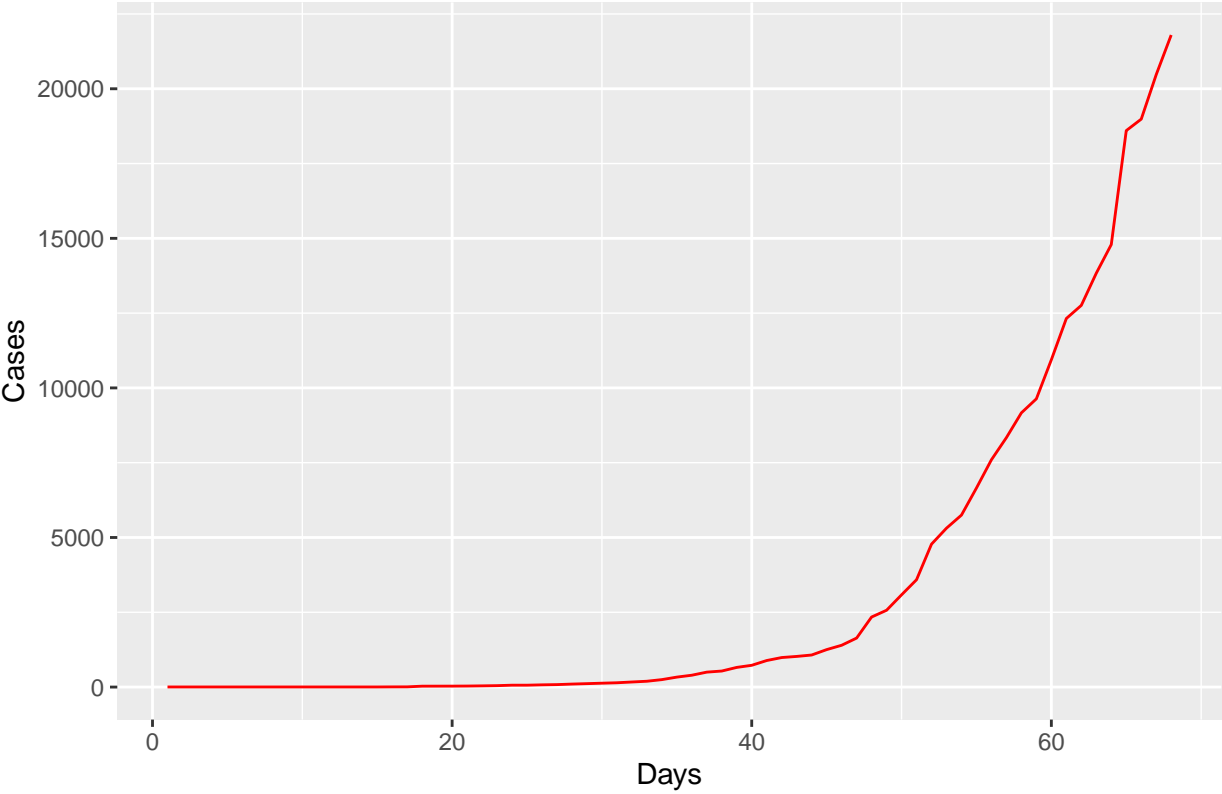


#### Results:

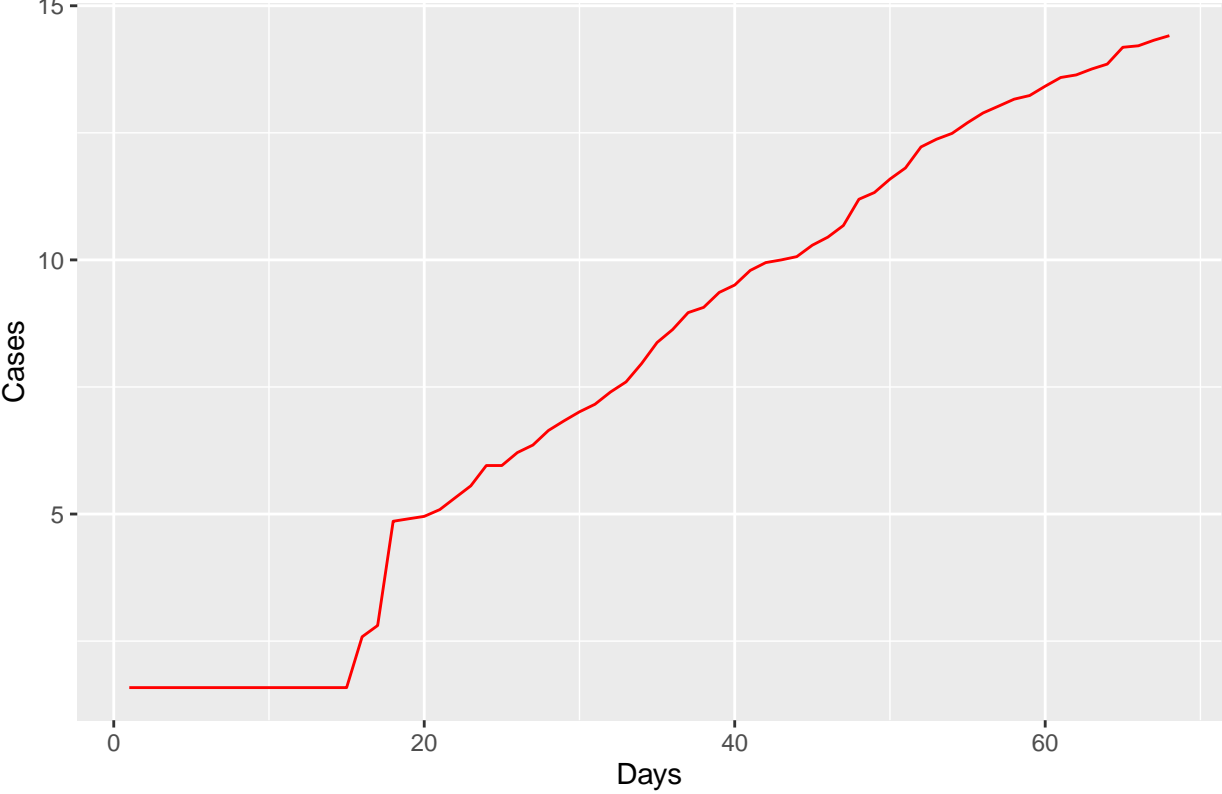
- Tomorrow's predicted case number is between  $9.2367016 \times 10^5$  and  $1.0193697 \times 10^6$  cases.
- Current doubling rate is **13 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **8 days**.
- Latest Observed Growth Rate **5.4230248** percent.
- Mean Growth Rate: **16.3456891** percent.
- Median Growth Rate: **9.1779932** percent.
- Standard deviation: +/- **14.6176859**.

India Corona Dashboard

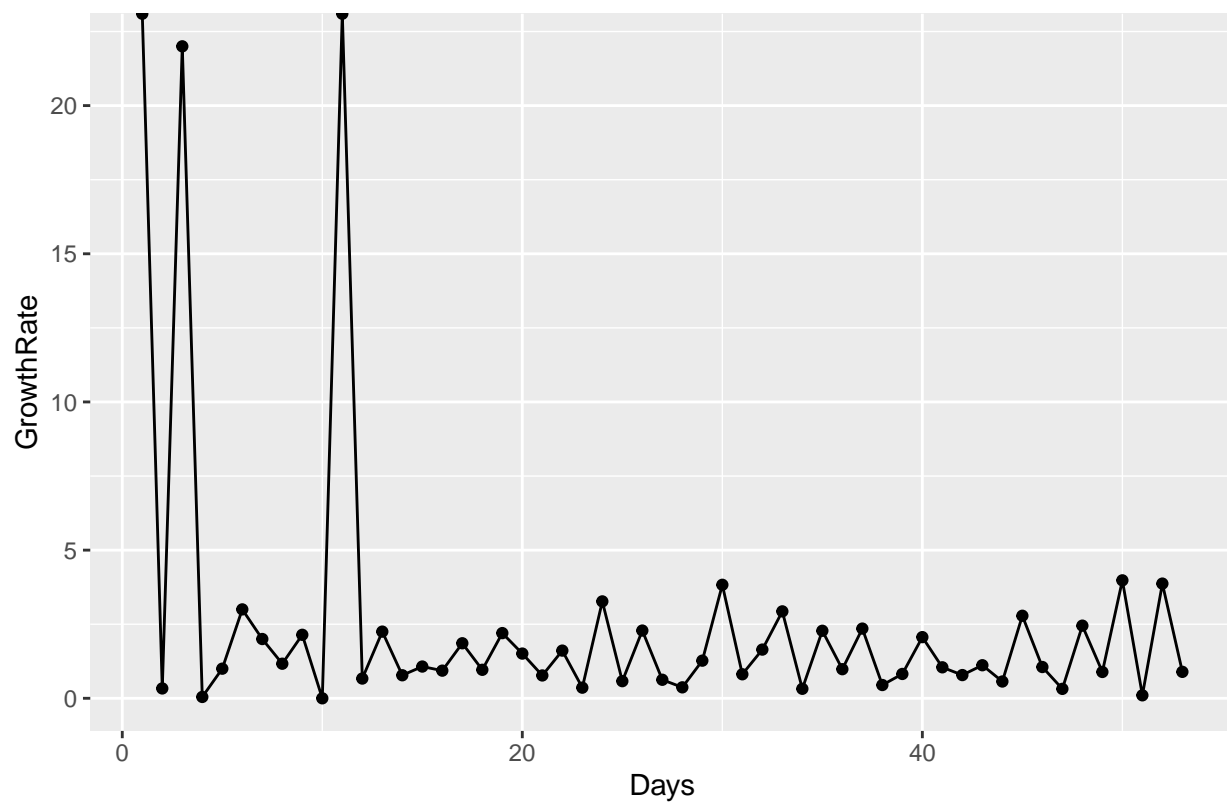
India: Daily Cases

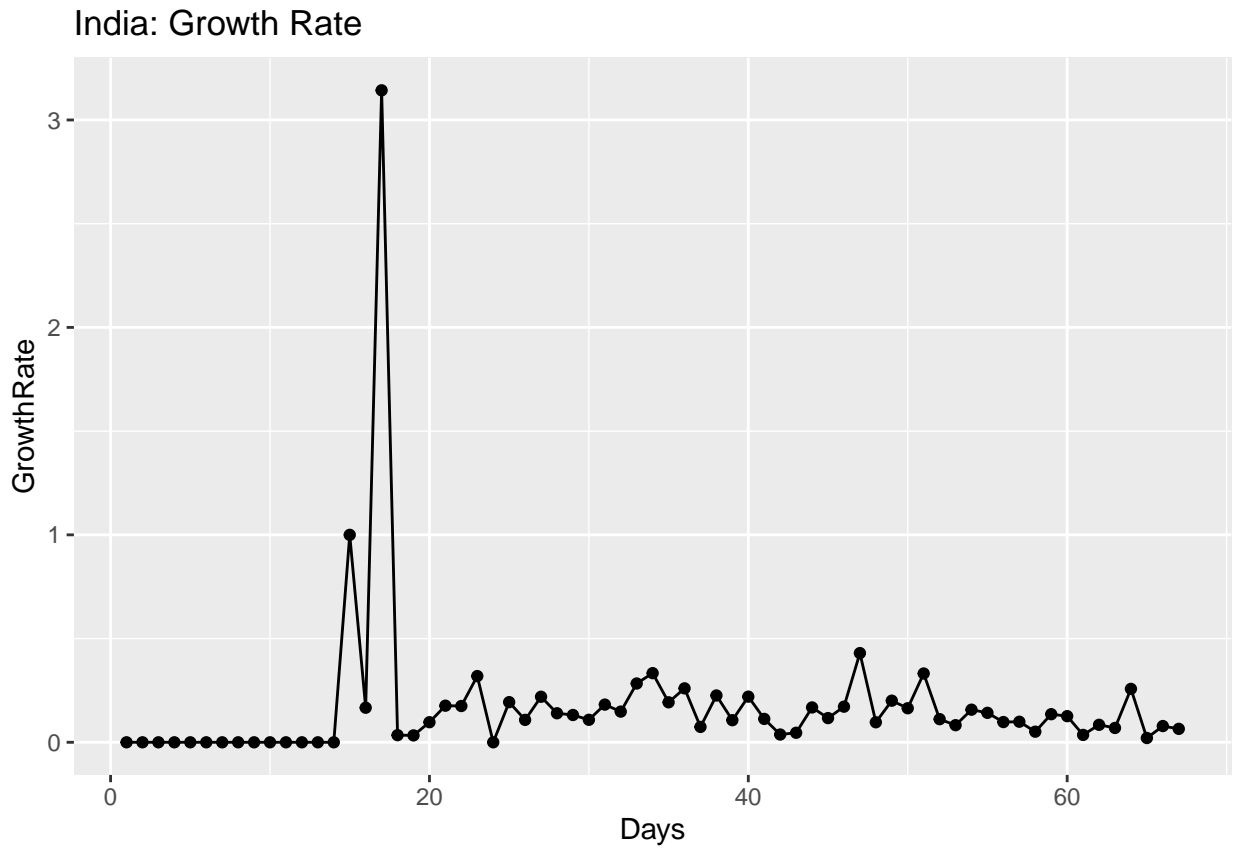


India: Daily Cases

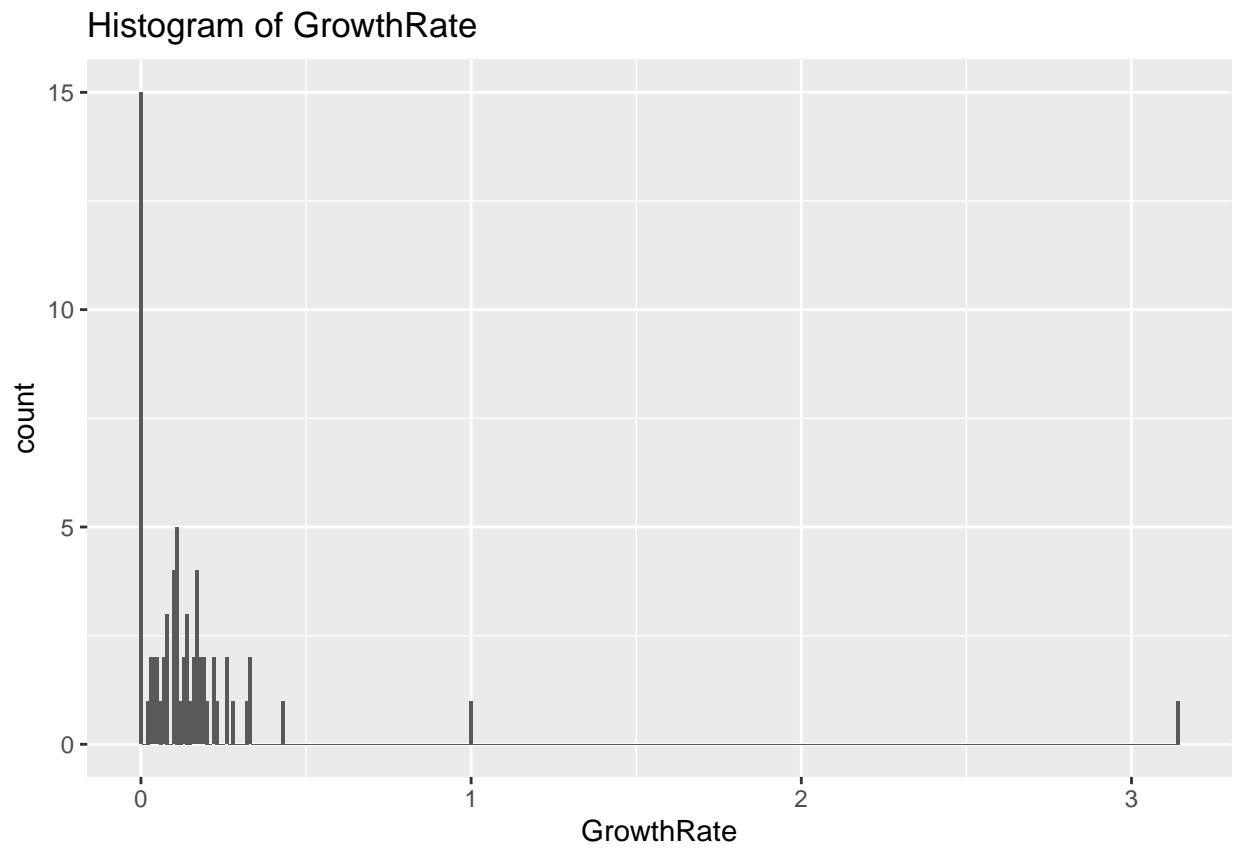


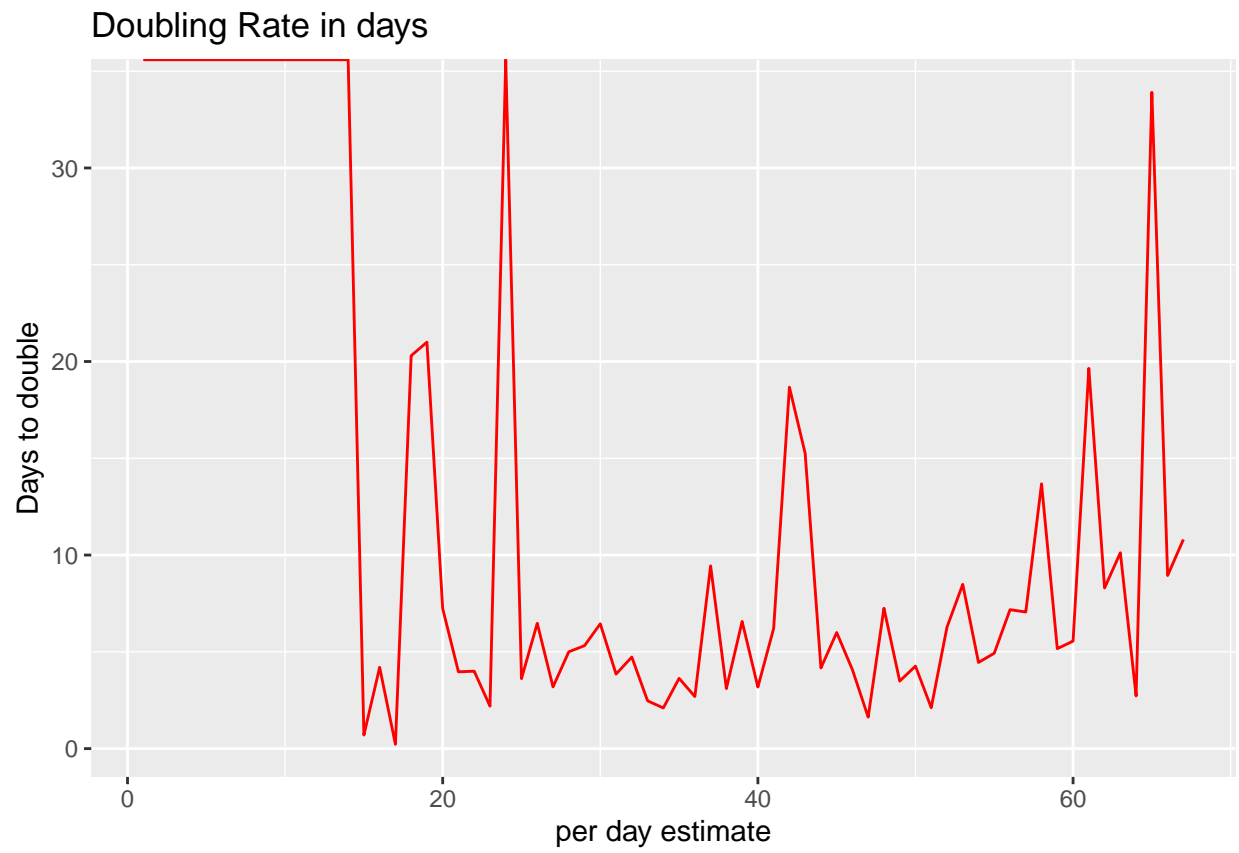
US: Rate of change in Growth Rate

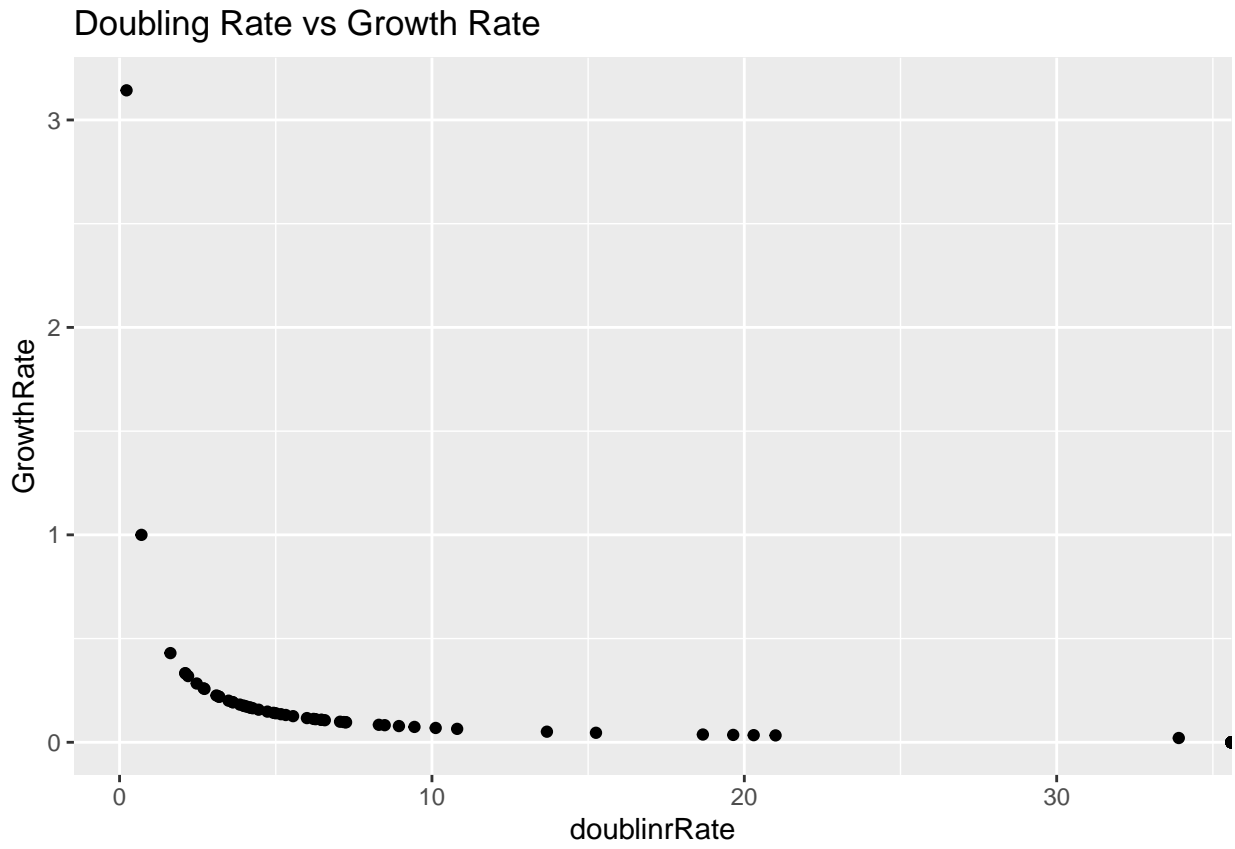


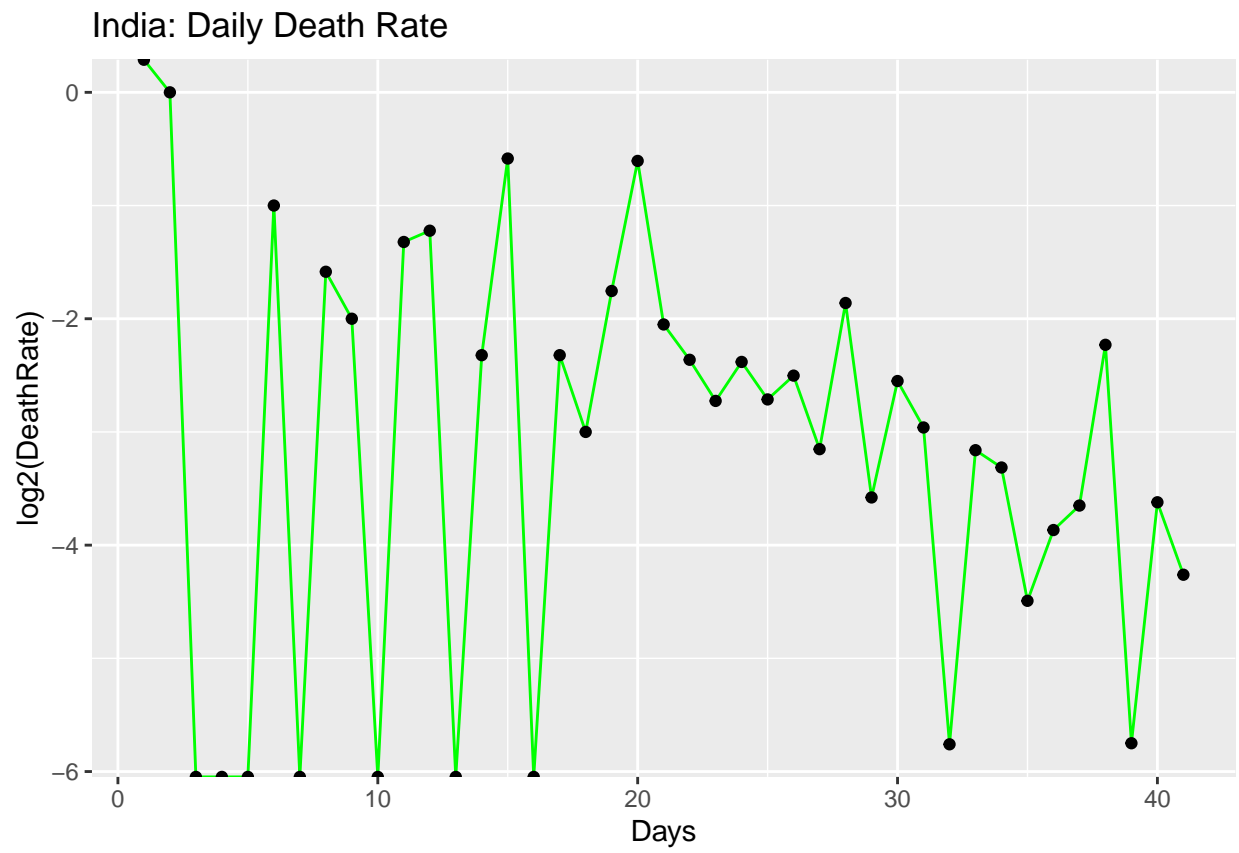


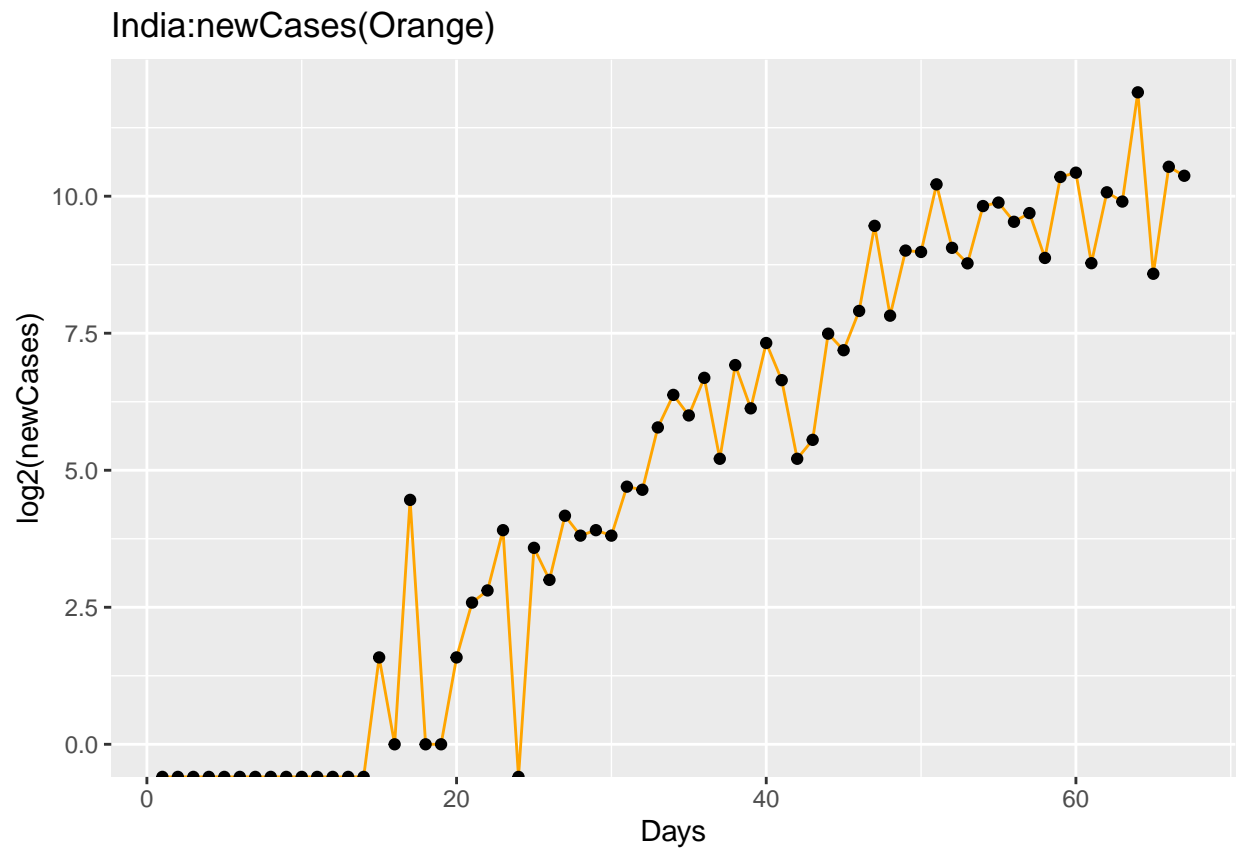




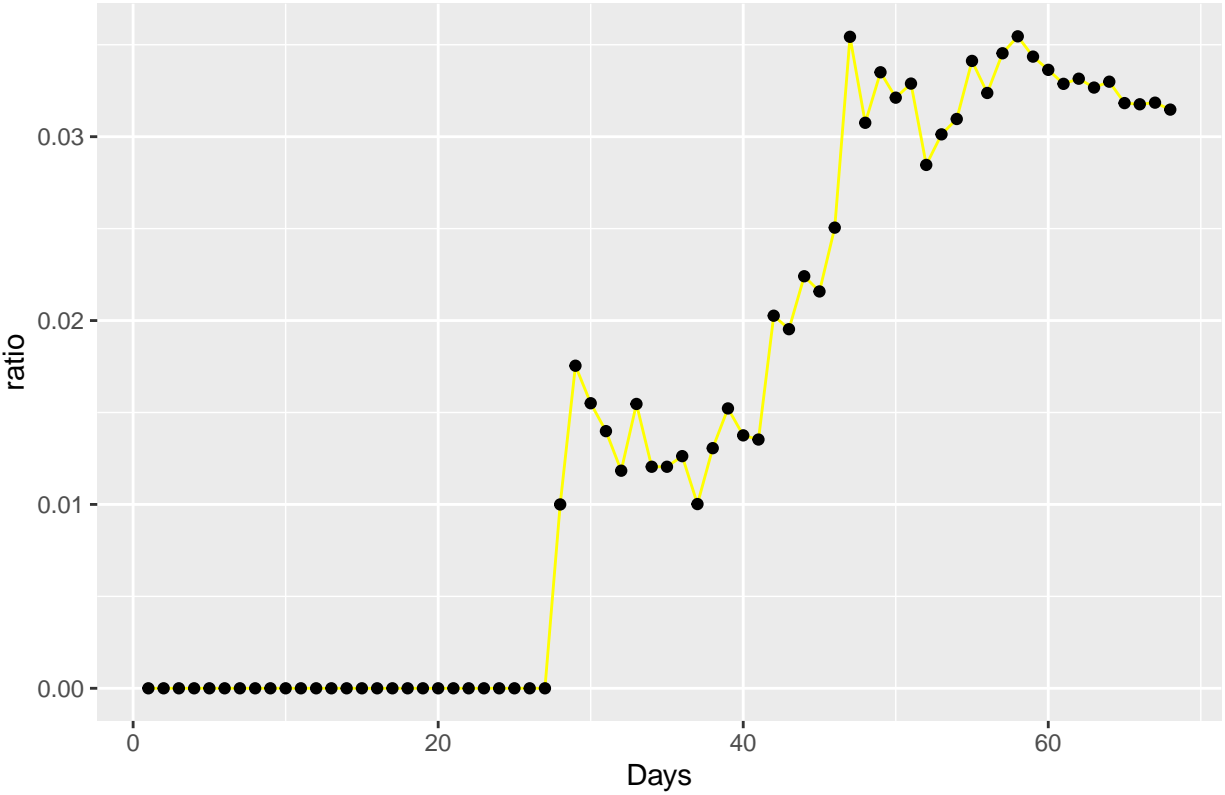


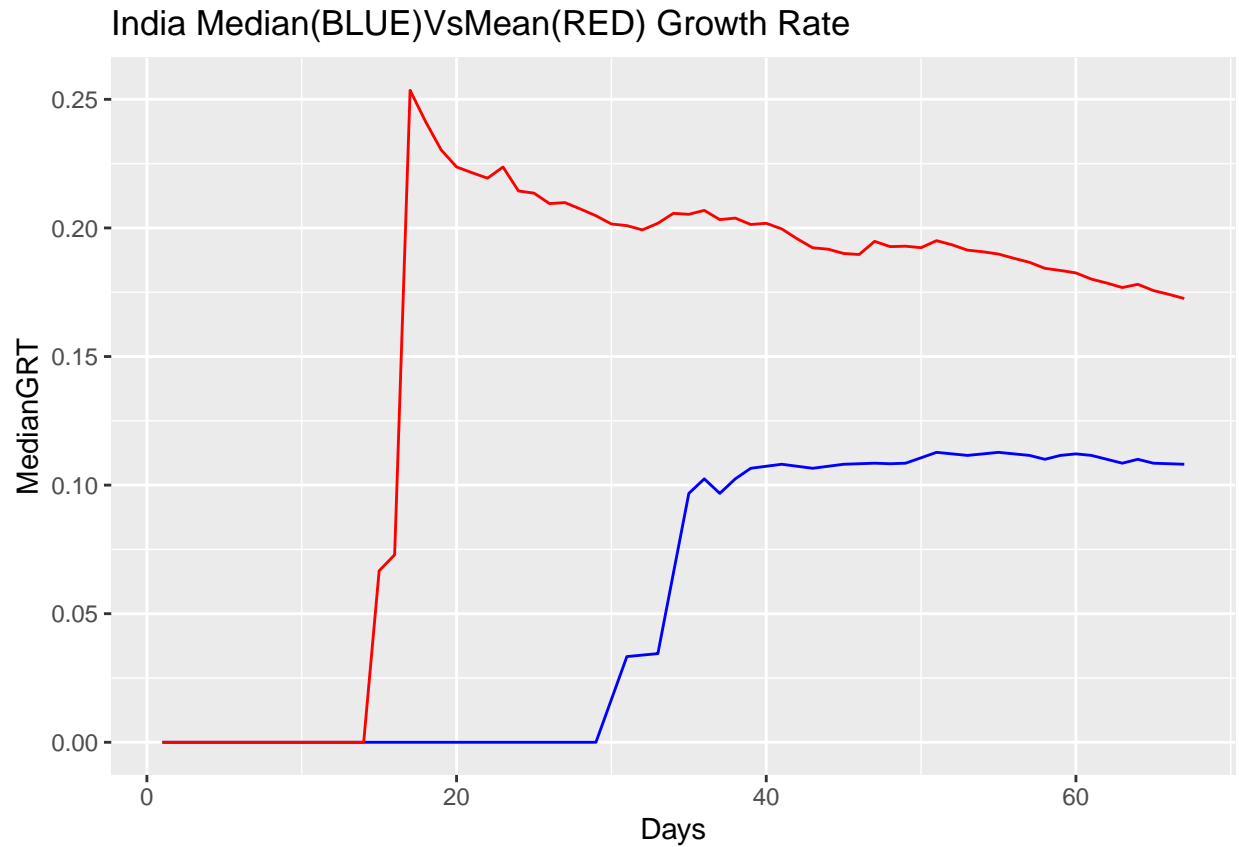






India: TotalDeaths/TotalCases





#### Results:

- Tomorrow's predicted case number is between  $2.3208891 \times 10^4$  and  $2.5558068 \times 10^4$  cases.
- Current doubling rate is **11 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 **6.4774559** percent.
- Mean Growth Rate: **17.2549814** percent.
- Median Growth Rate: **10.8108108** percent.
- Standard deviation: +/- **39.6365646**.