

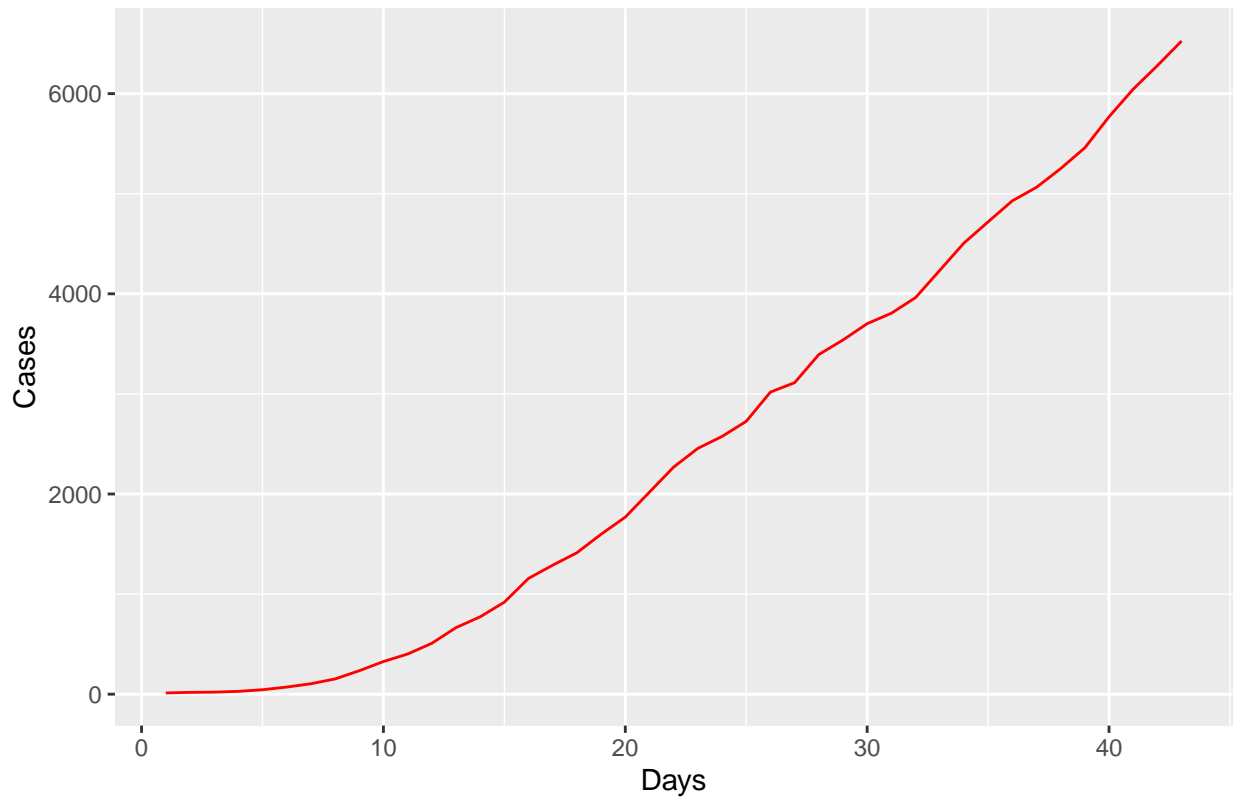
# Arizona/US/India Corona Trends- 26th April 2020 with tomorrow's prediction

Whitchurch Muthumani

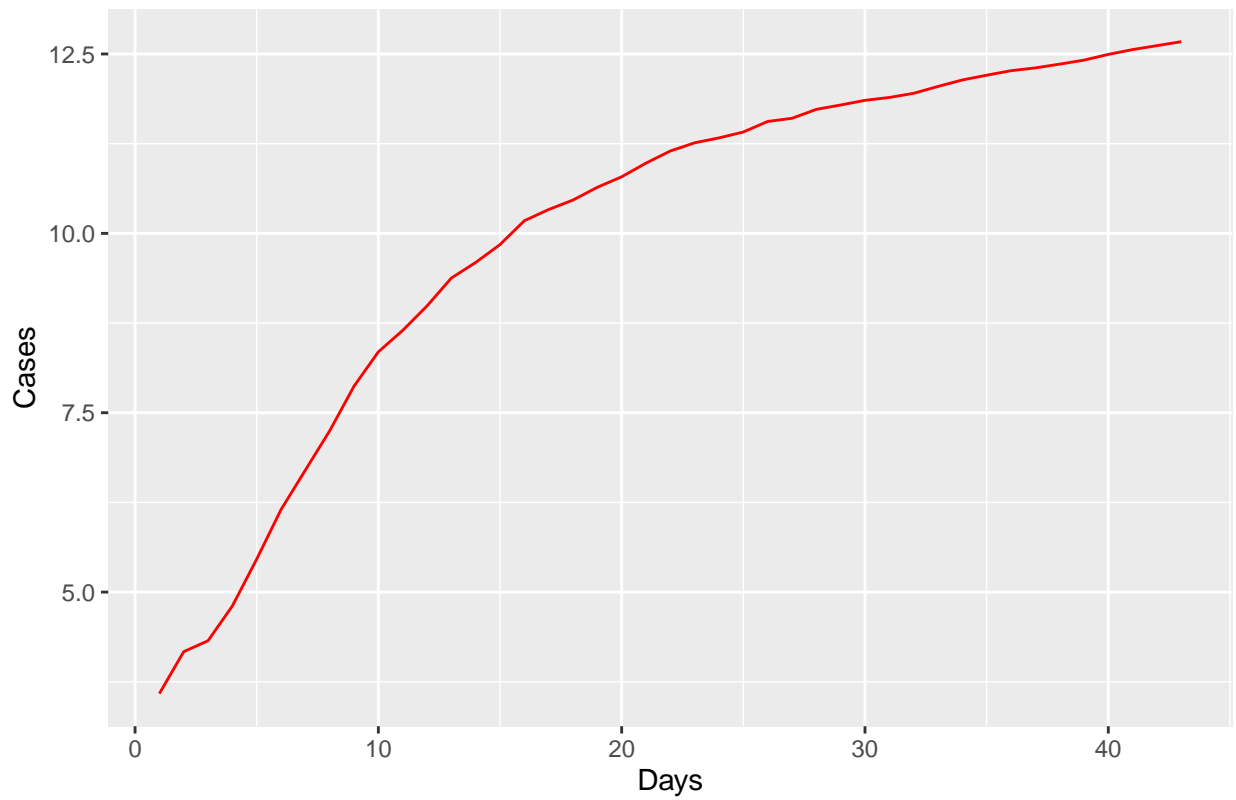
4/26/2020

## Arizona Corona Dashboard

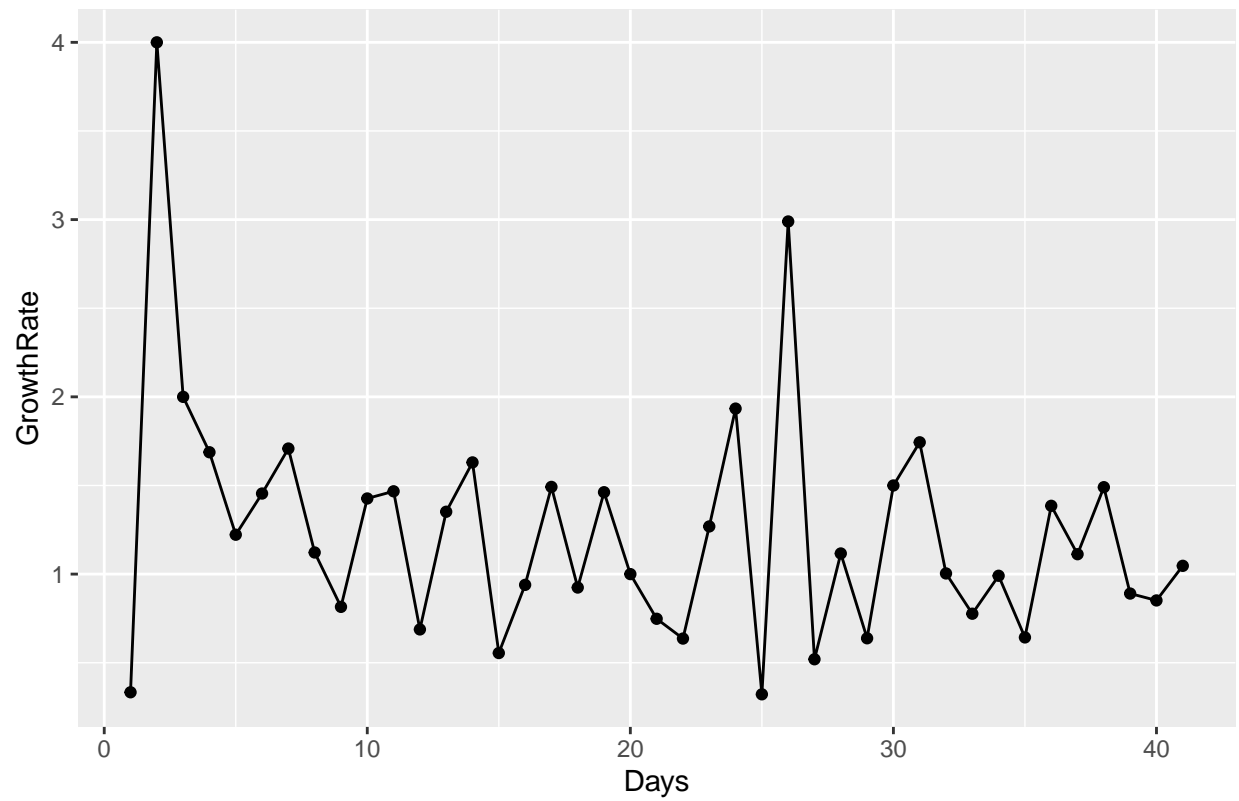
### Arizona: Daily Cases



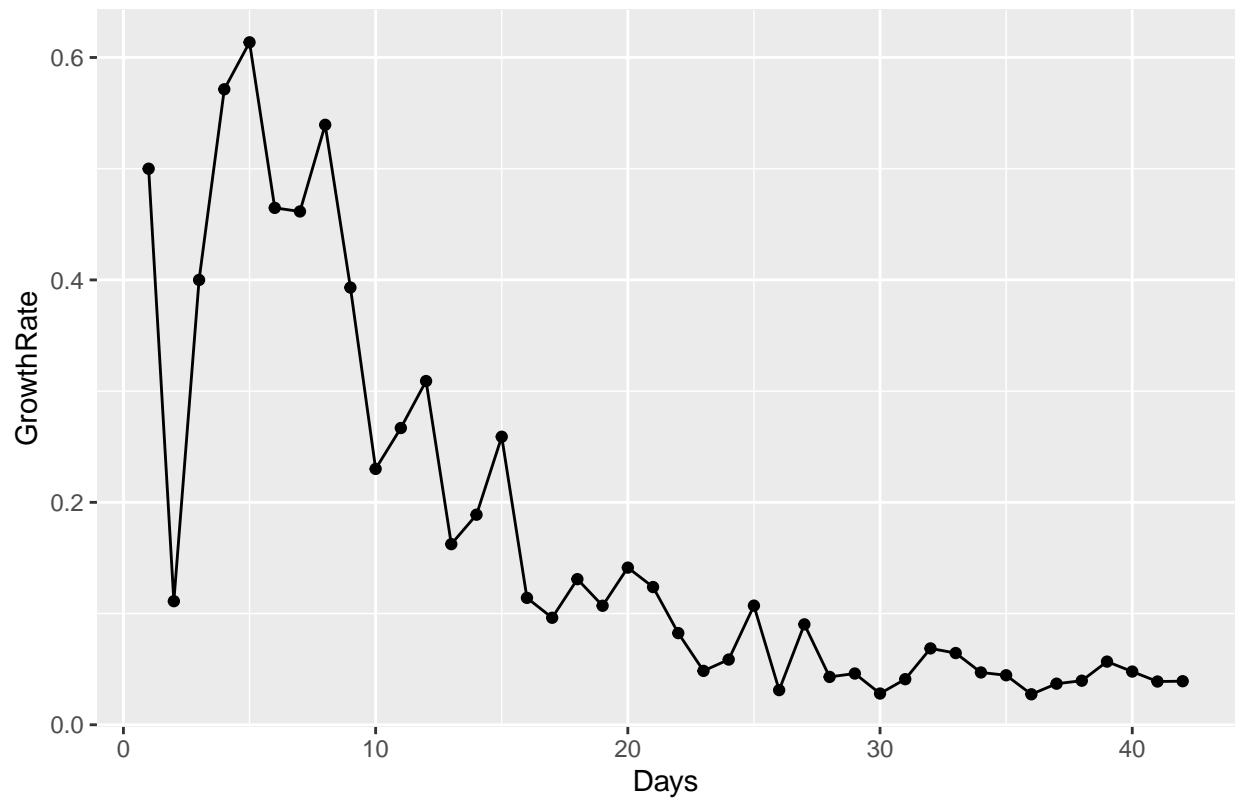
### Arizona: Daily Cases

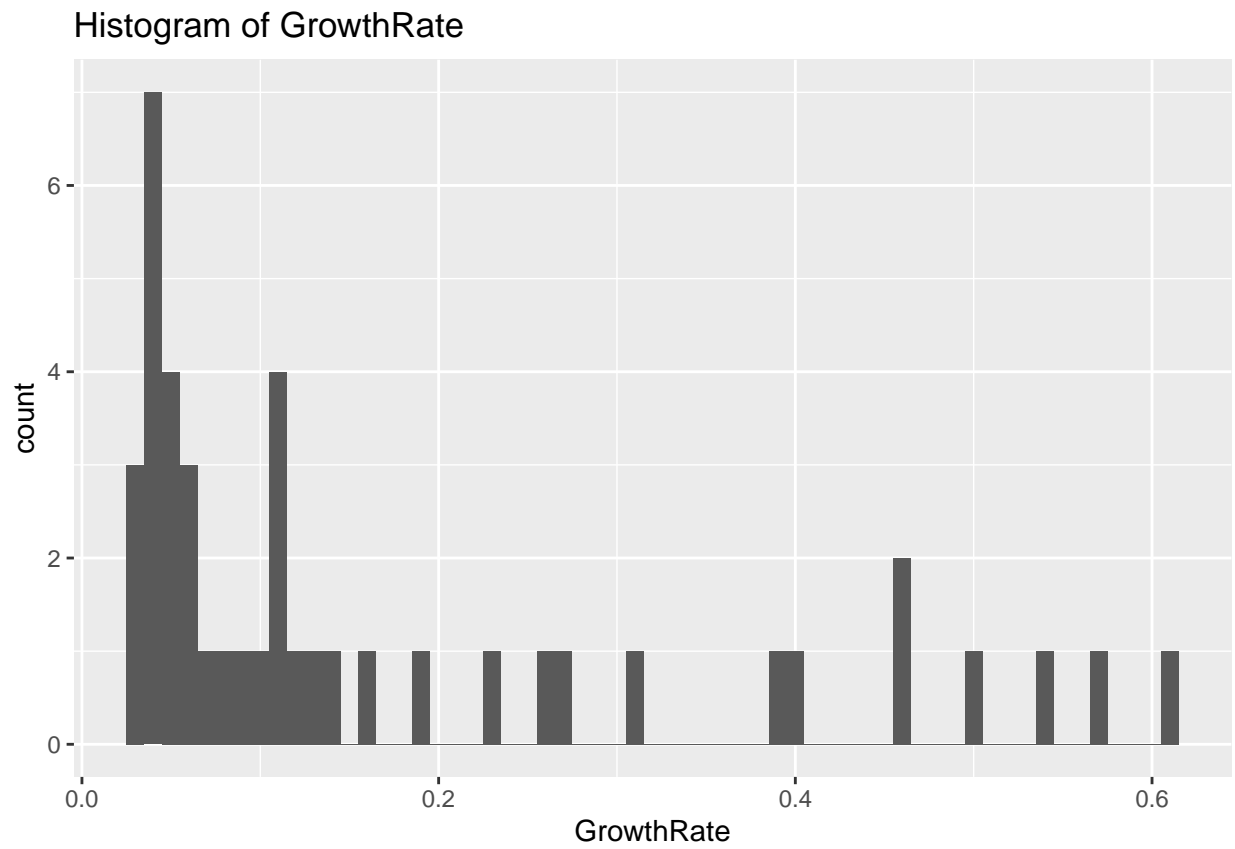


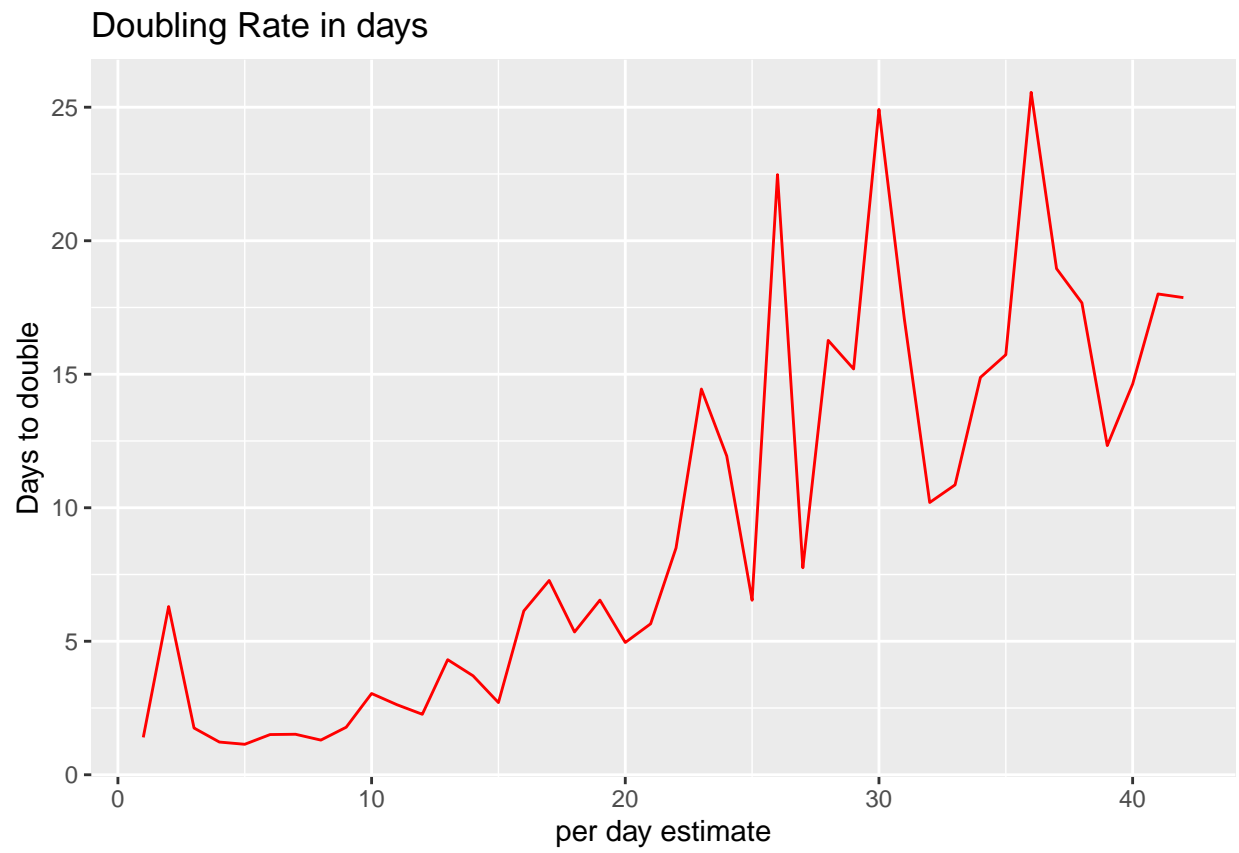
Arizona: Rate of change in Growth Rate

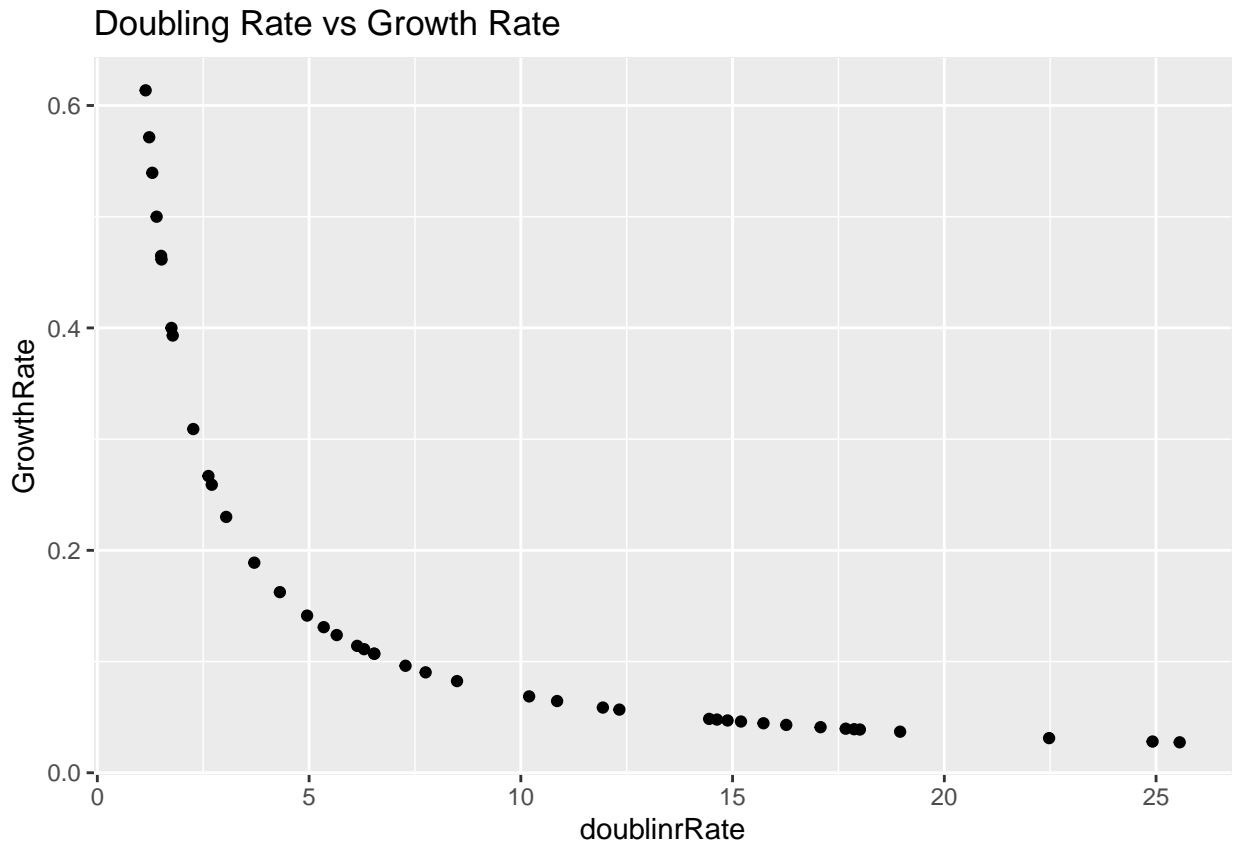


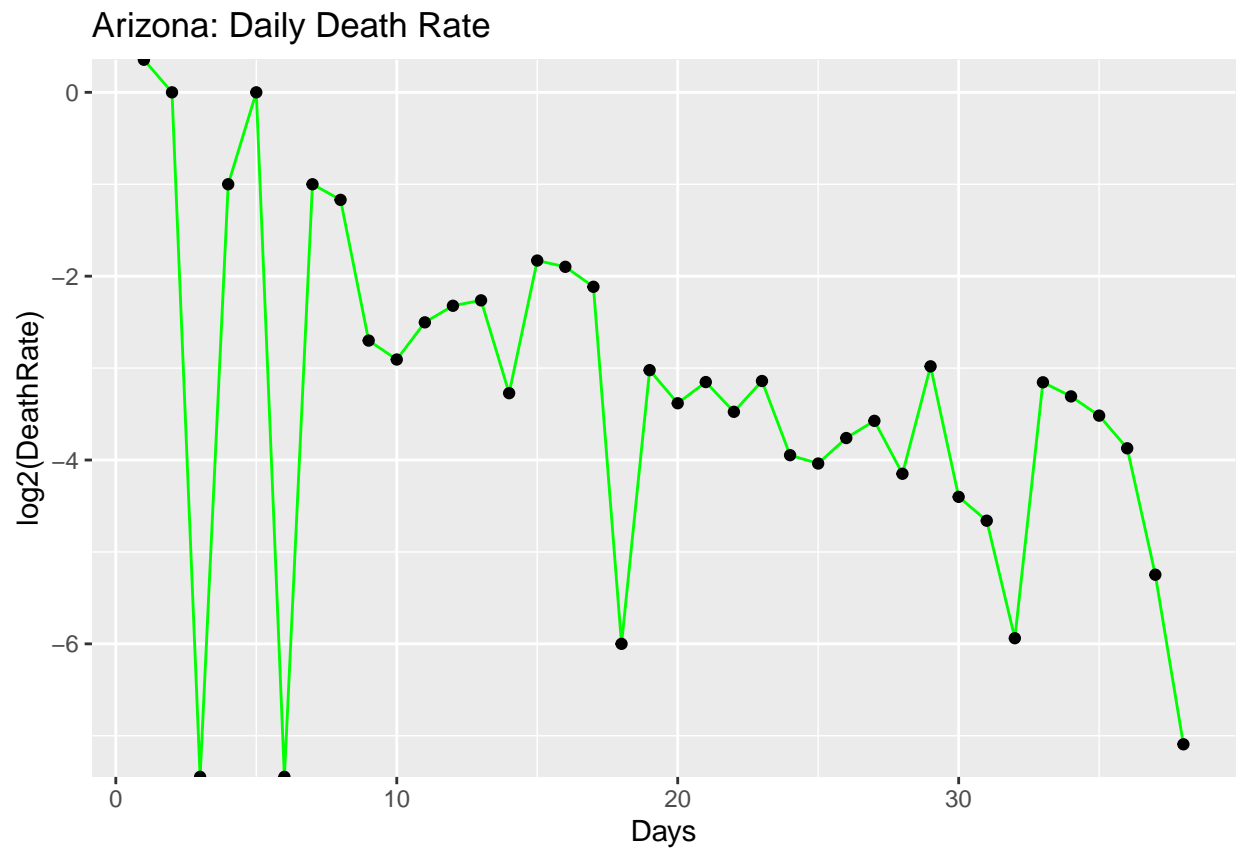
Arizona: Growth Rate



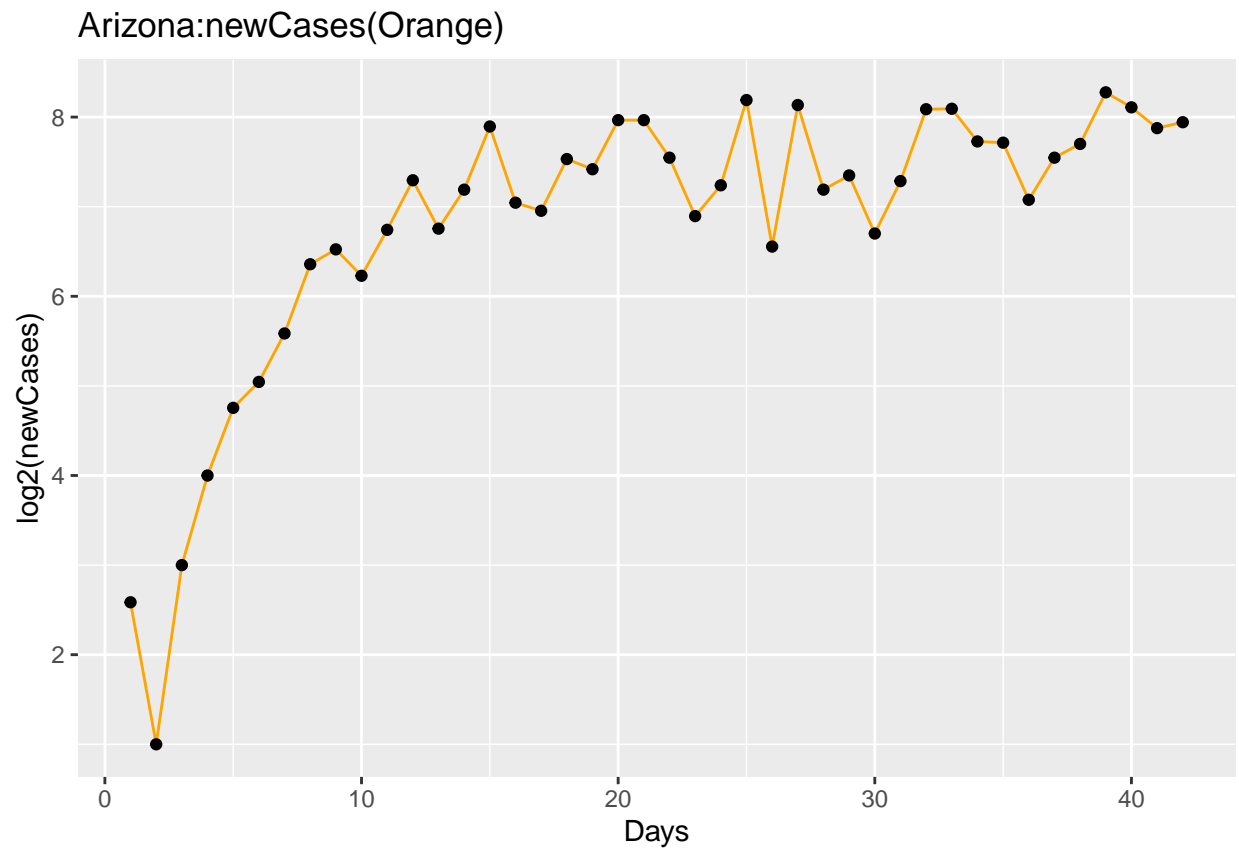




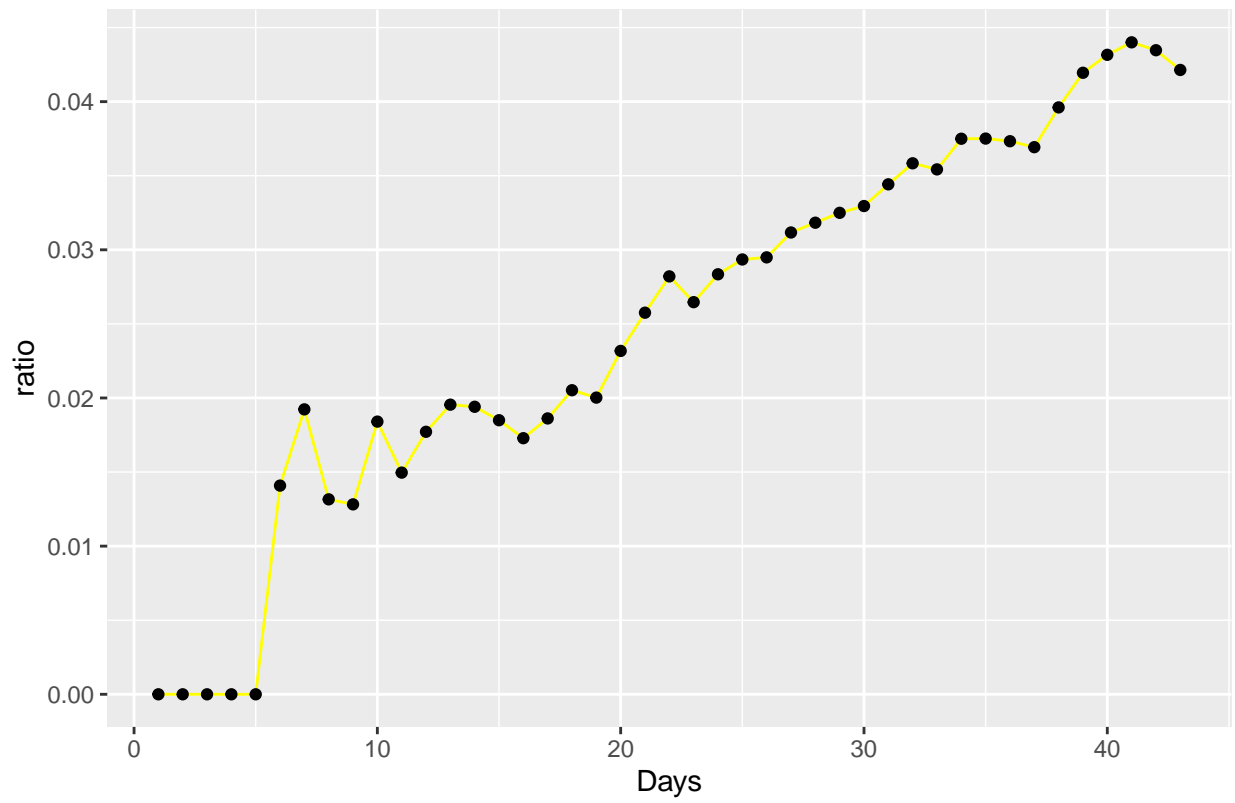


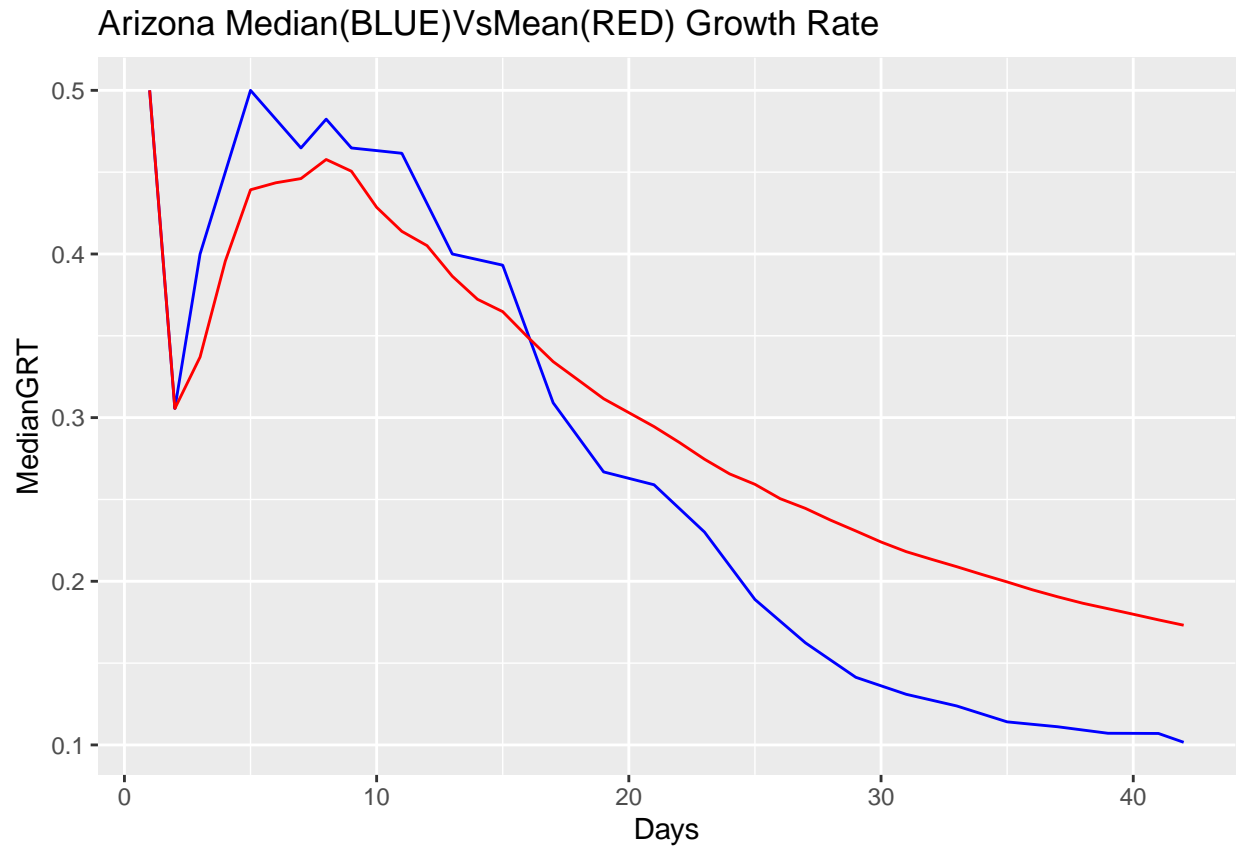






Arizona: TotalDeaths/TotalCases



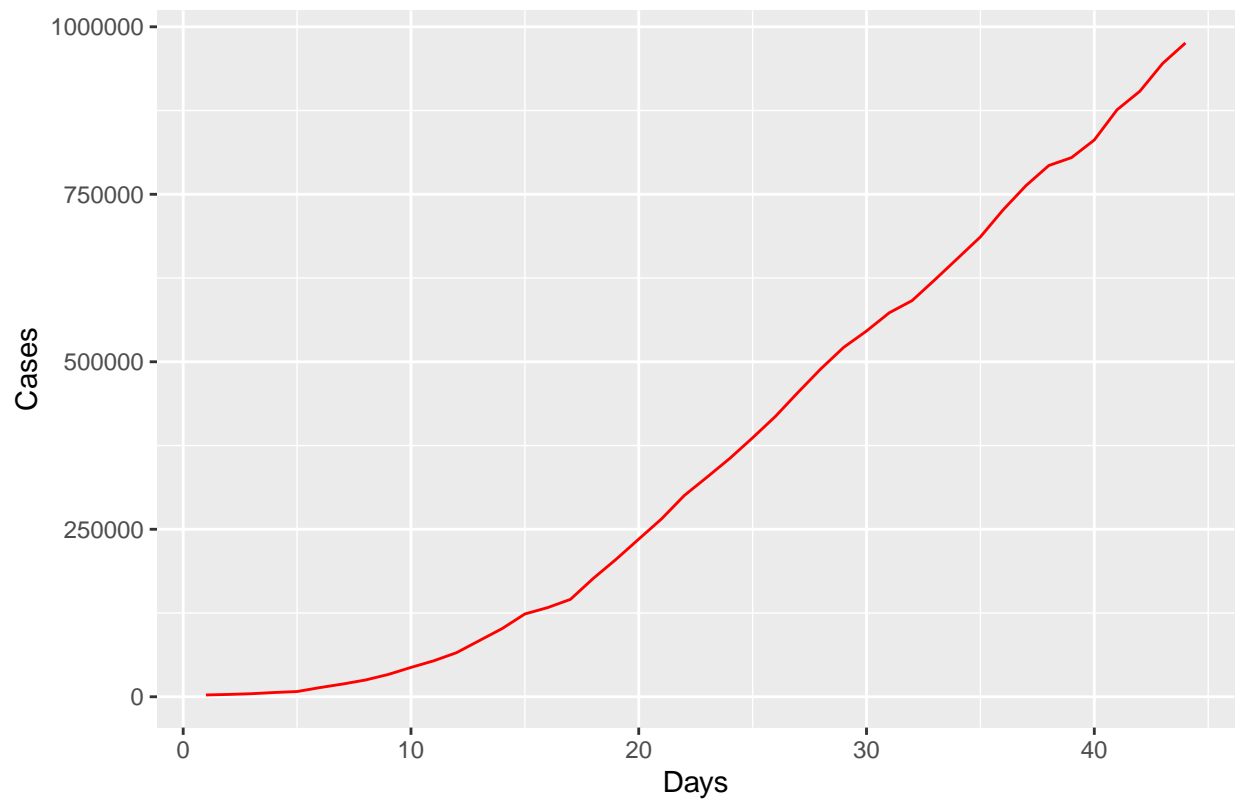


#### Results:

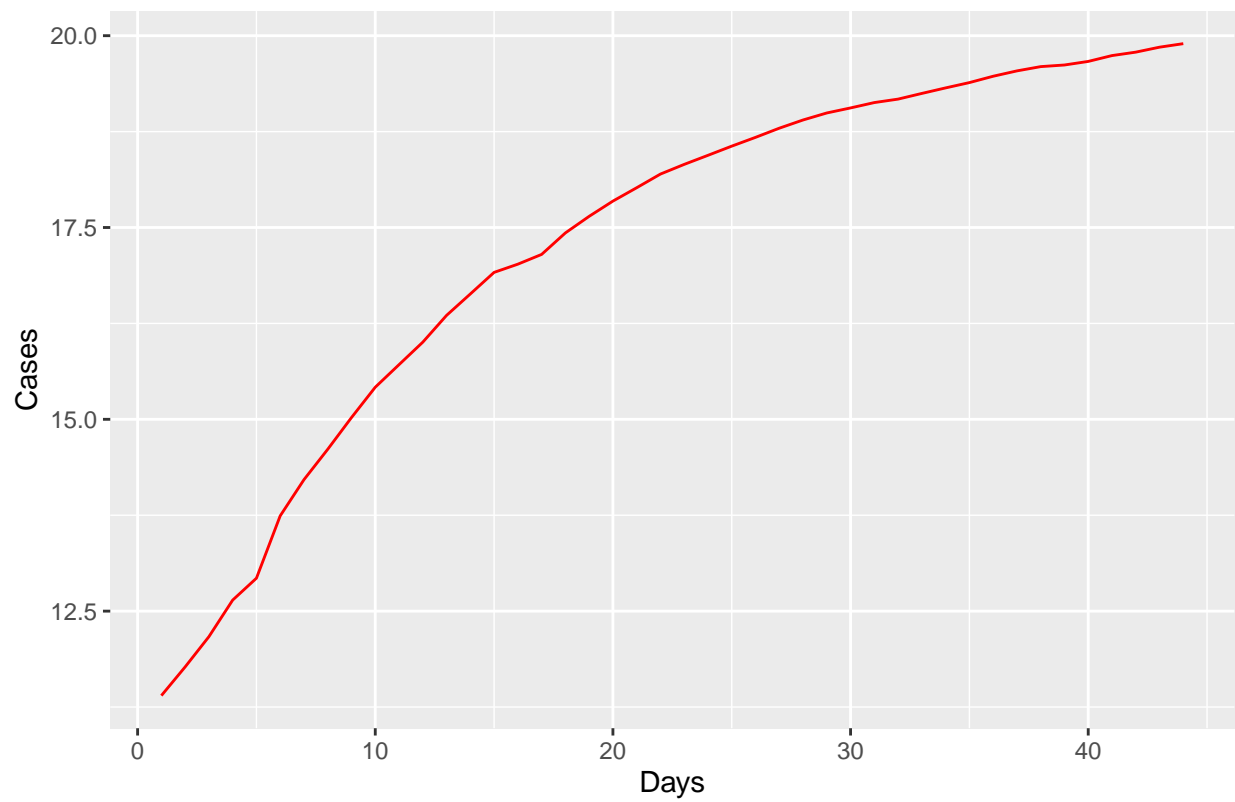
- Tomorrow's predicted case number is between **6781.6363057** and **7655.9651772** cases.
- Current doubling rate is **18 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **7 days**.
- Latest Observed Growth Rate **3.9171975** percent.
- Mean Growth Rate: **17.3148204** percent.
- Median Growth Rate: **10.1603682** percent.
- Standard deviation: +/- **17.3961095**.

## US Corona Dashboard

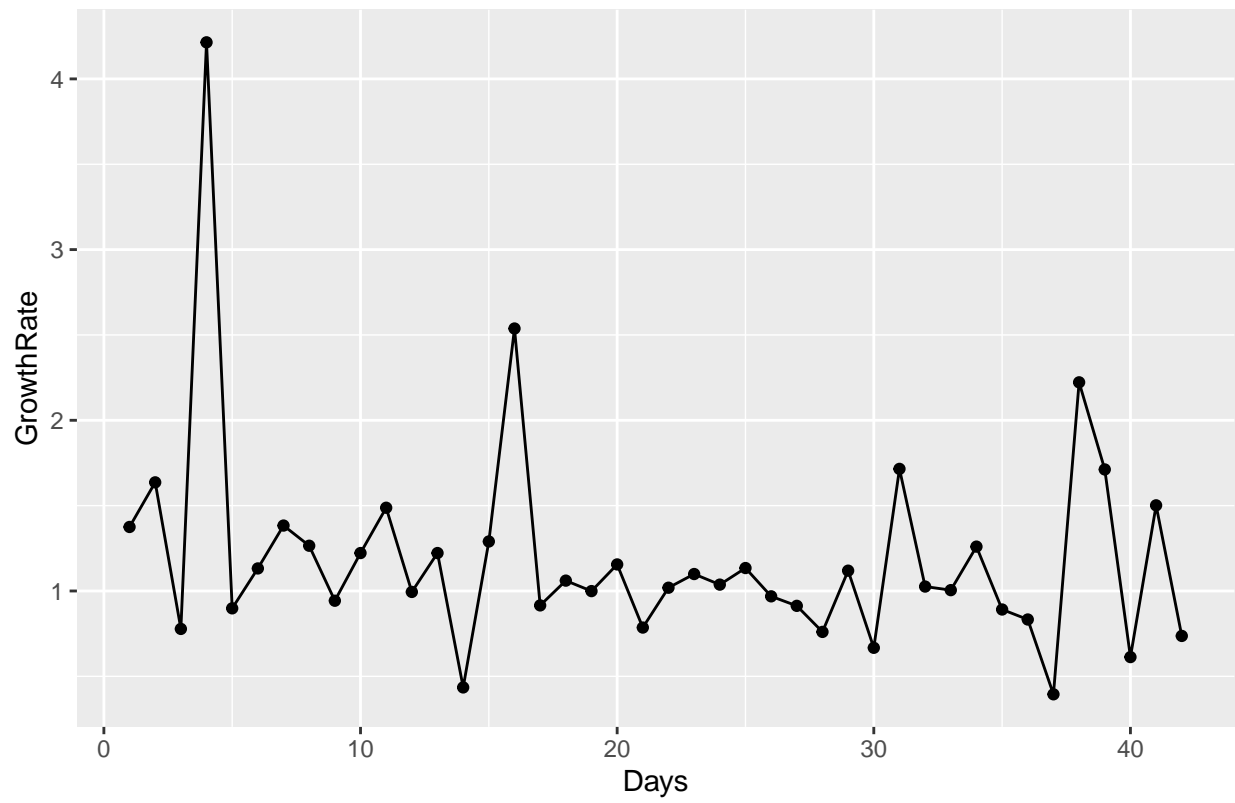
### US: Daily Cases



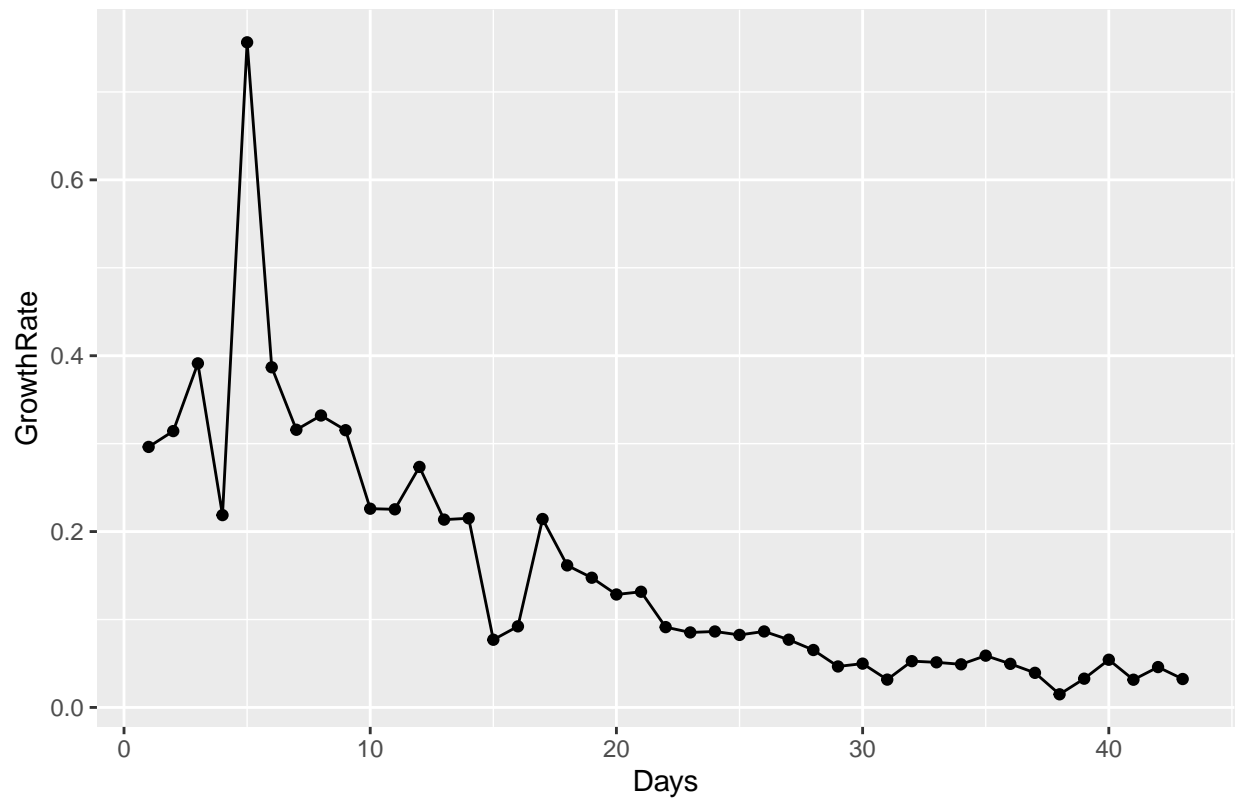
### US: Daily Cases

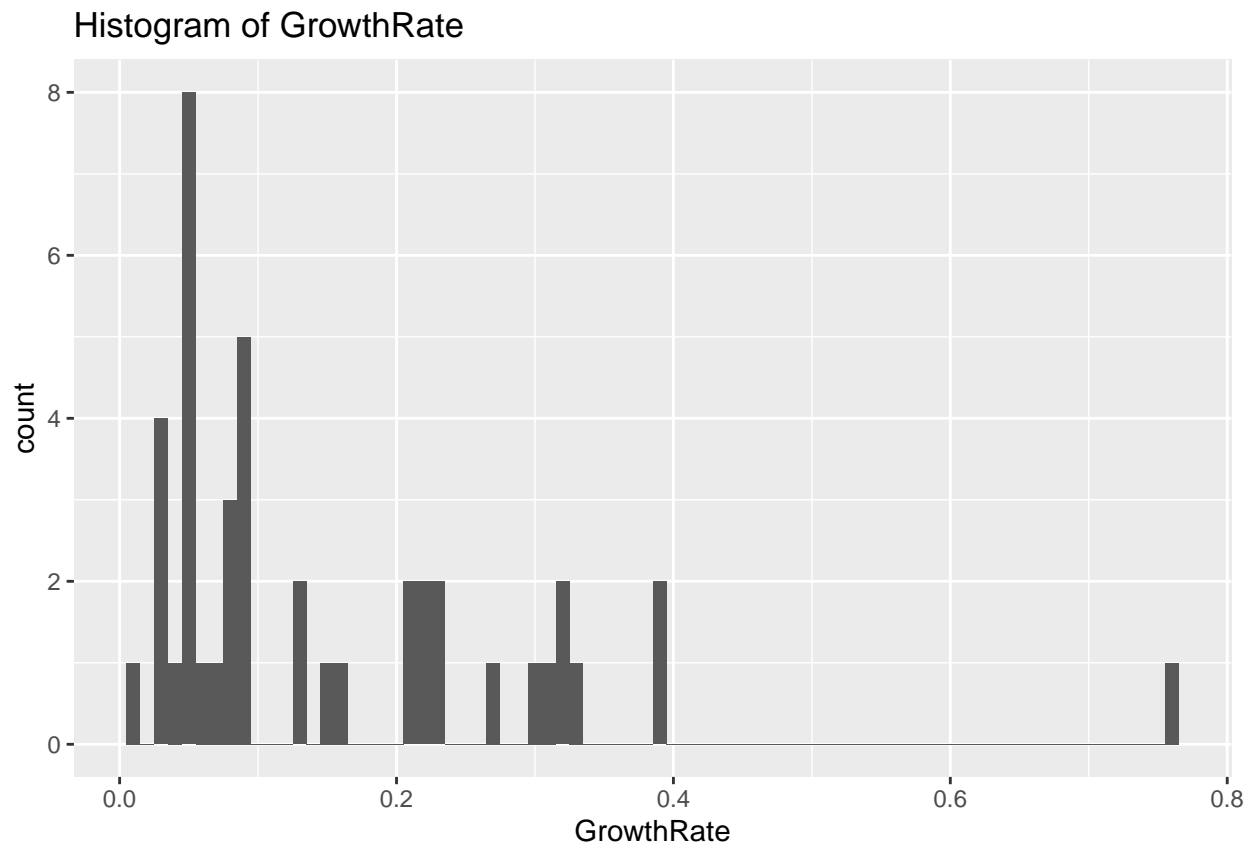


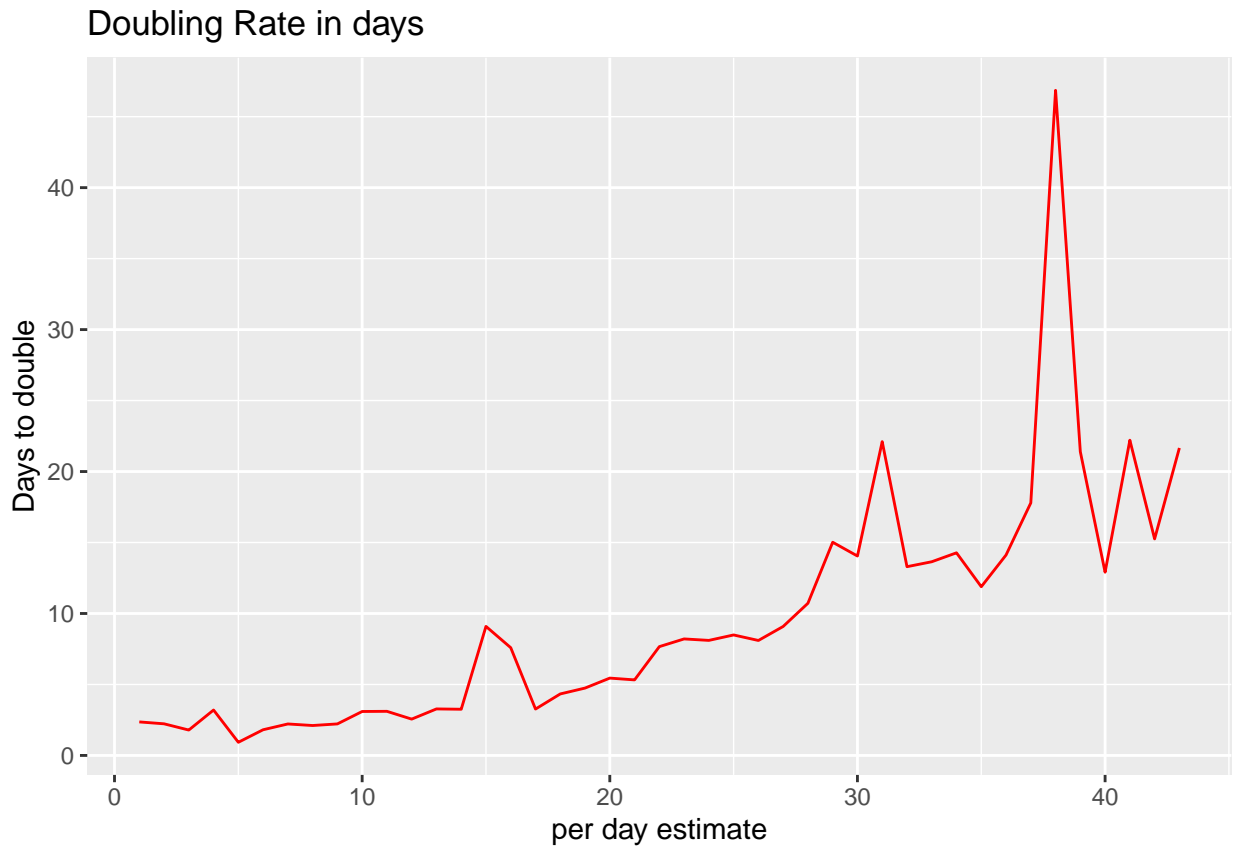
US: Rate of change in Growth Rate



US: Growth Rate

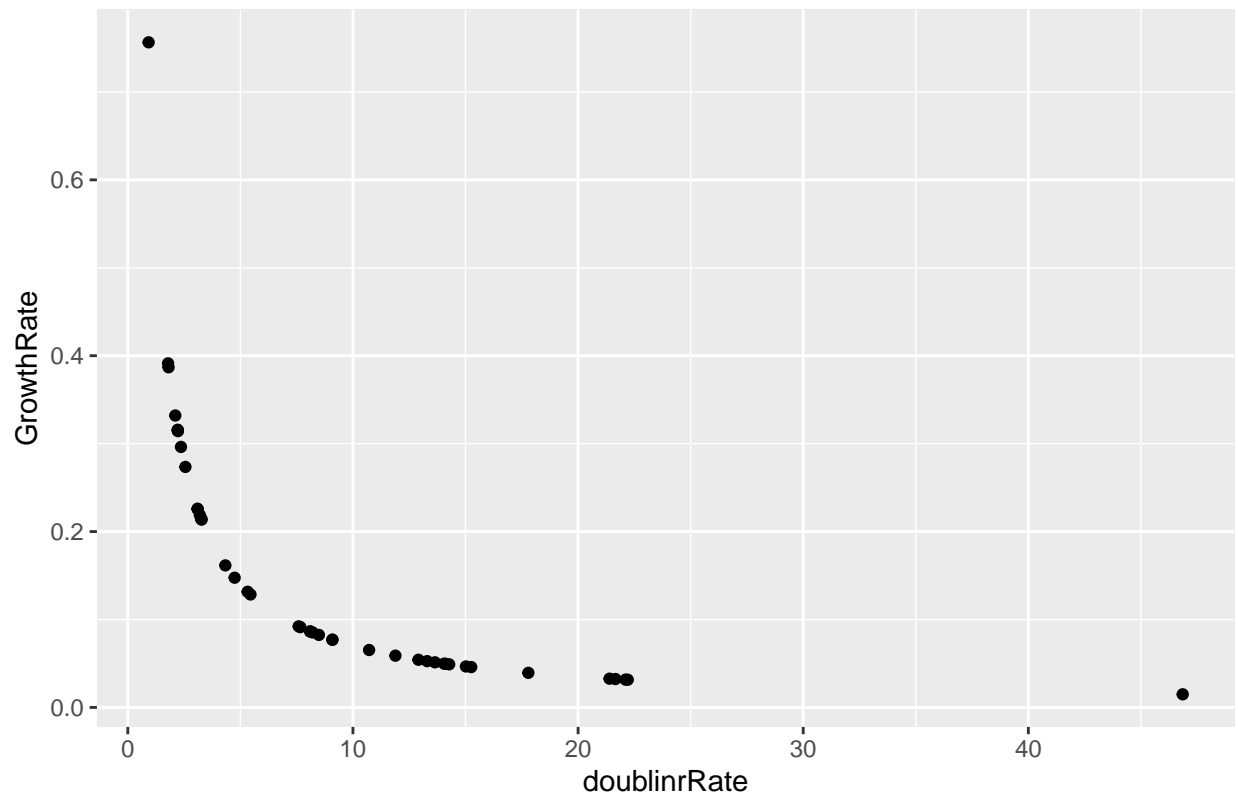


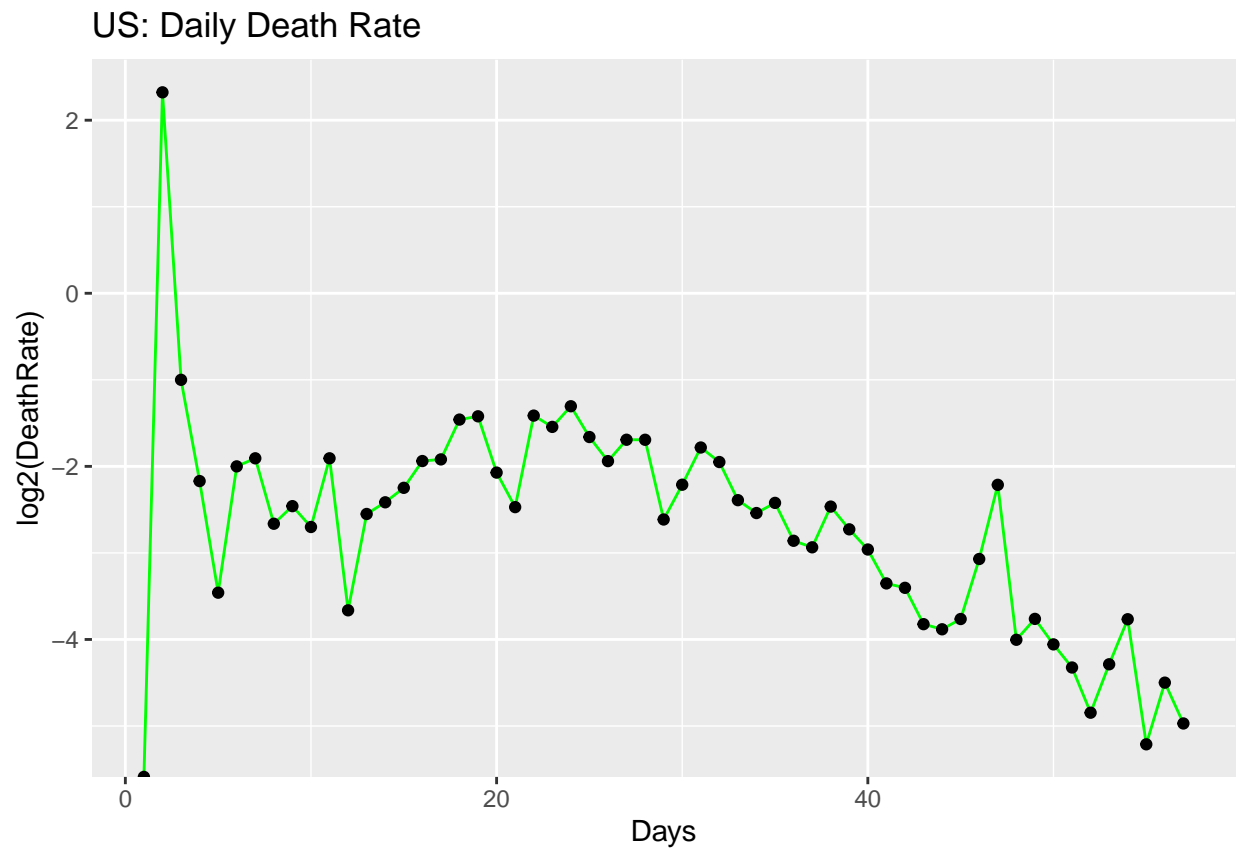


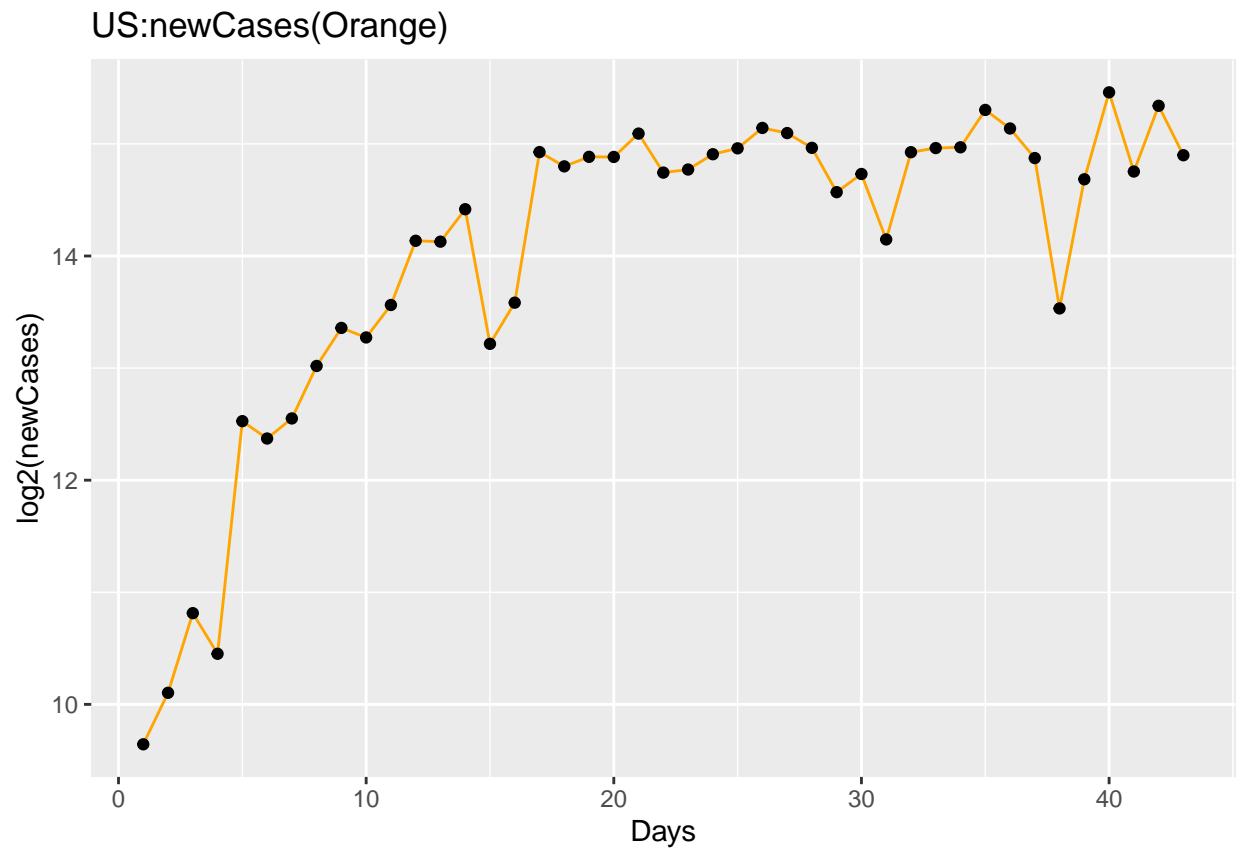




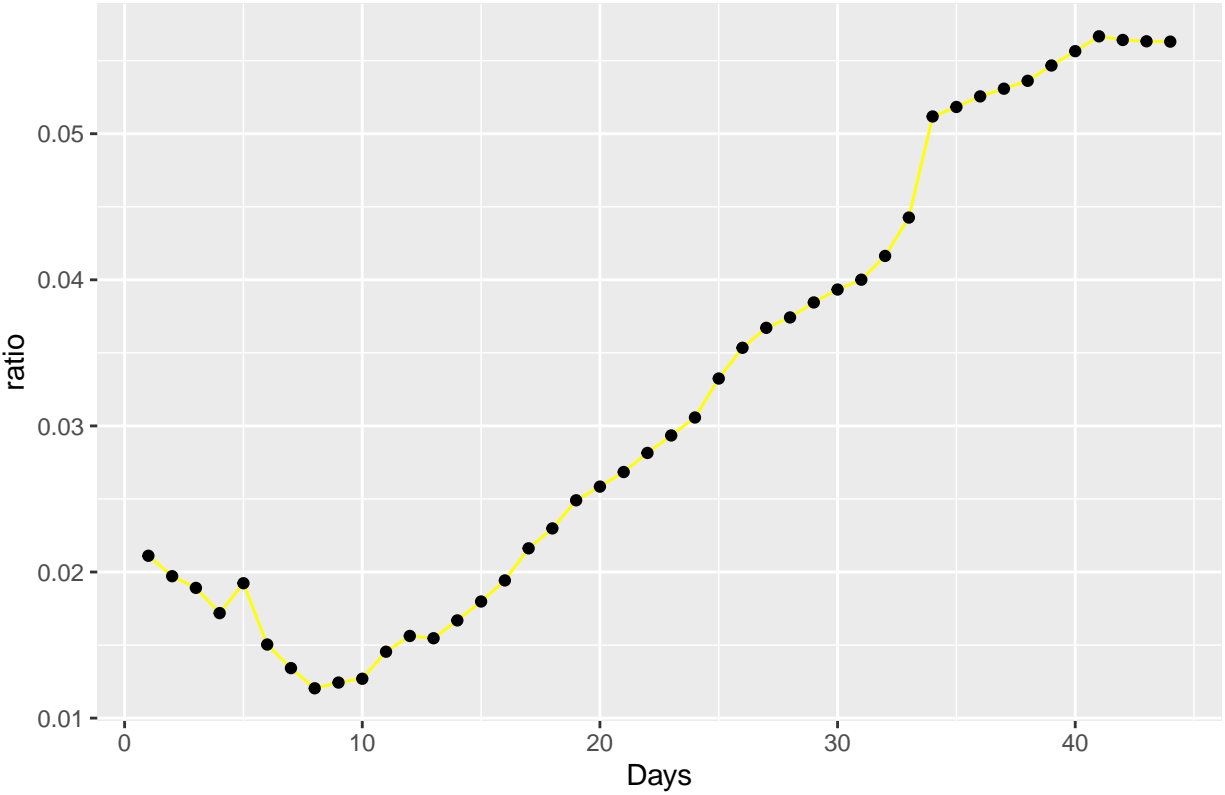
Doubling Rate vs Growth Rate

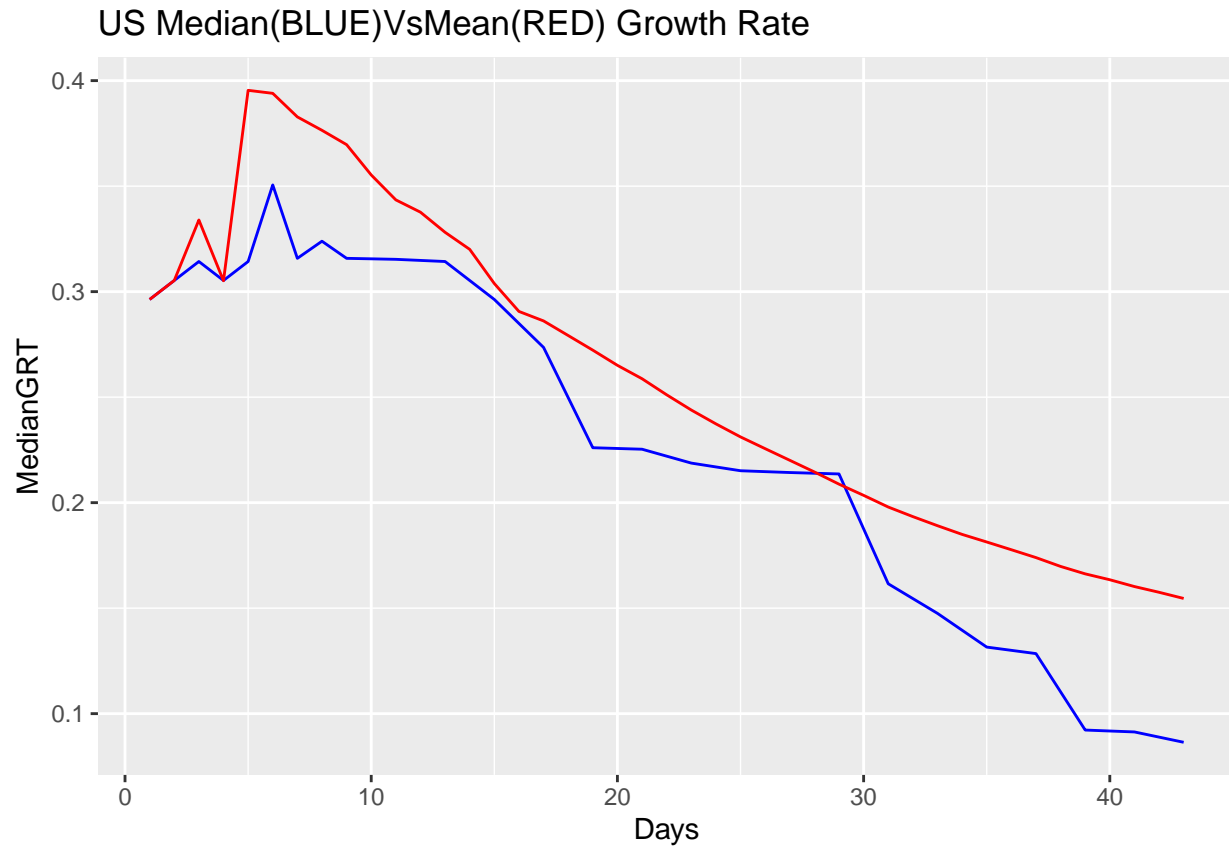






US: TotalDeaths/TotalCases

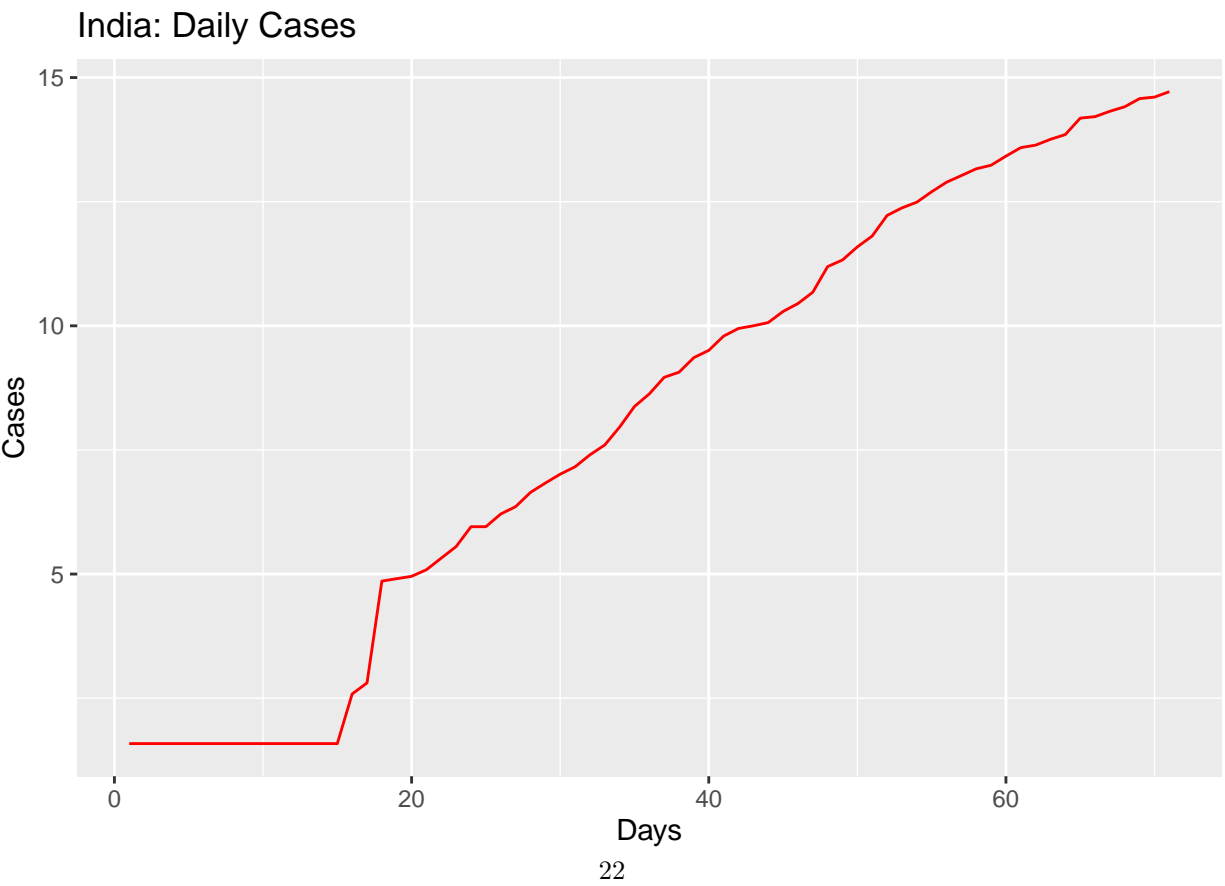
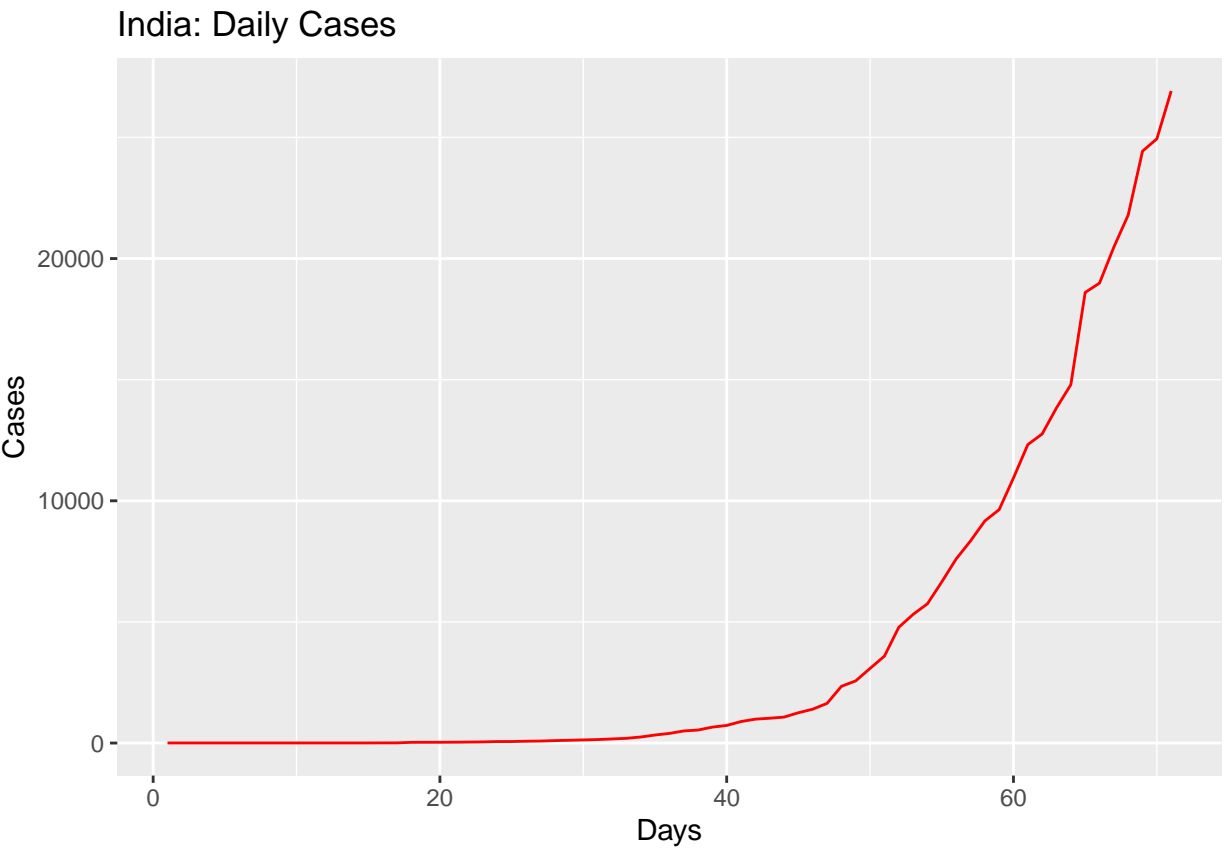




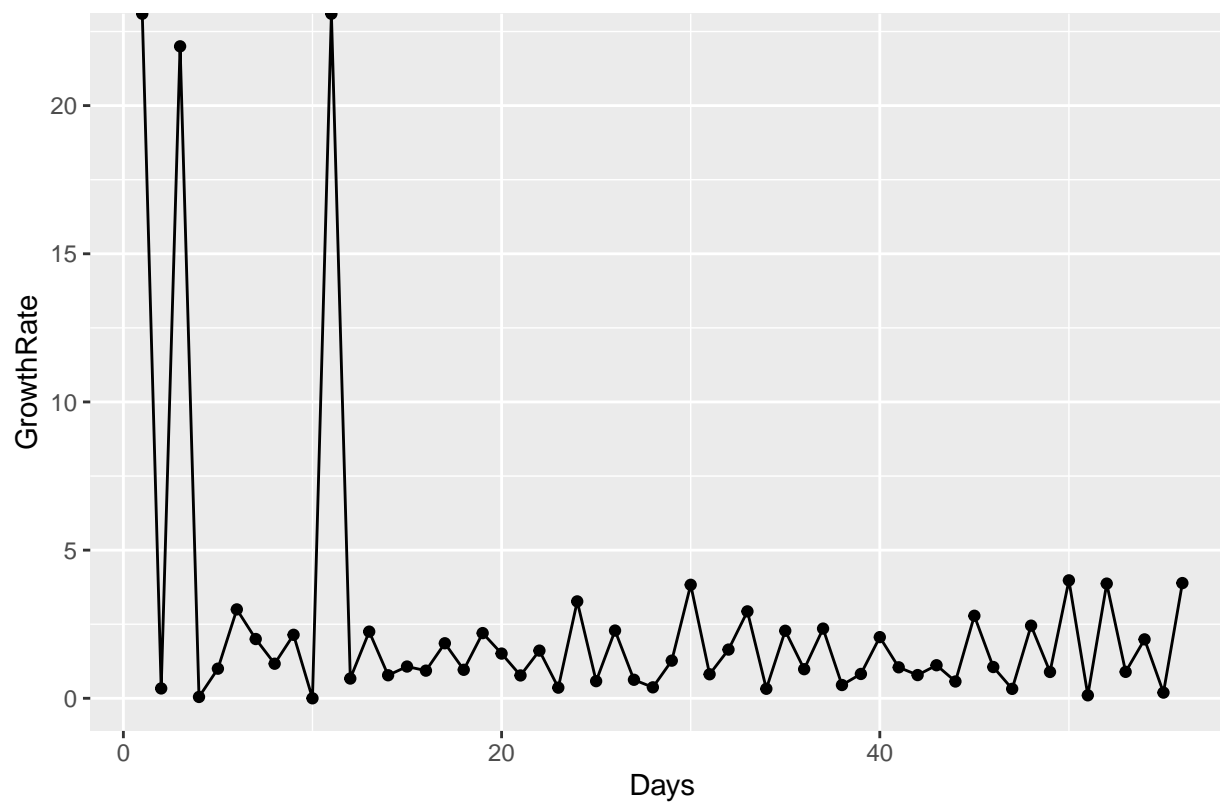
#### Results:

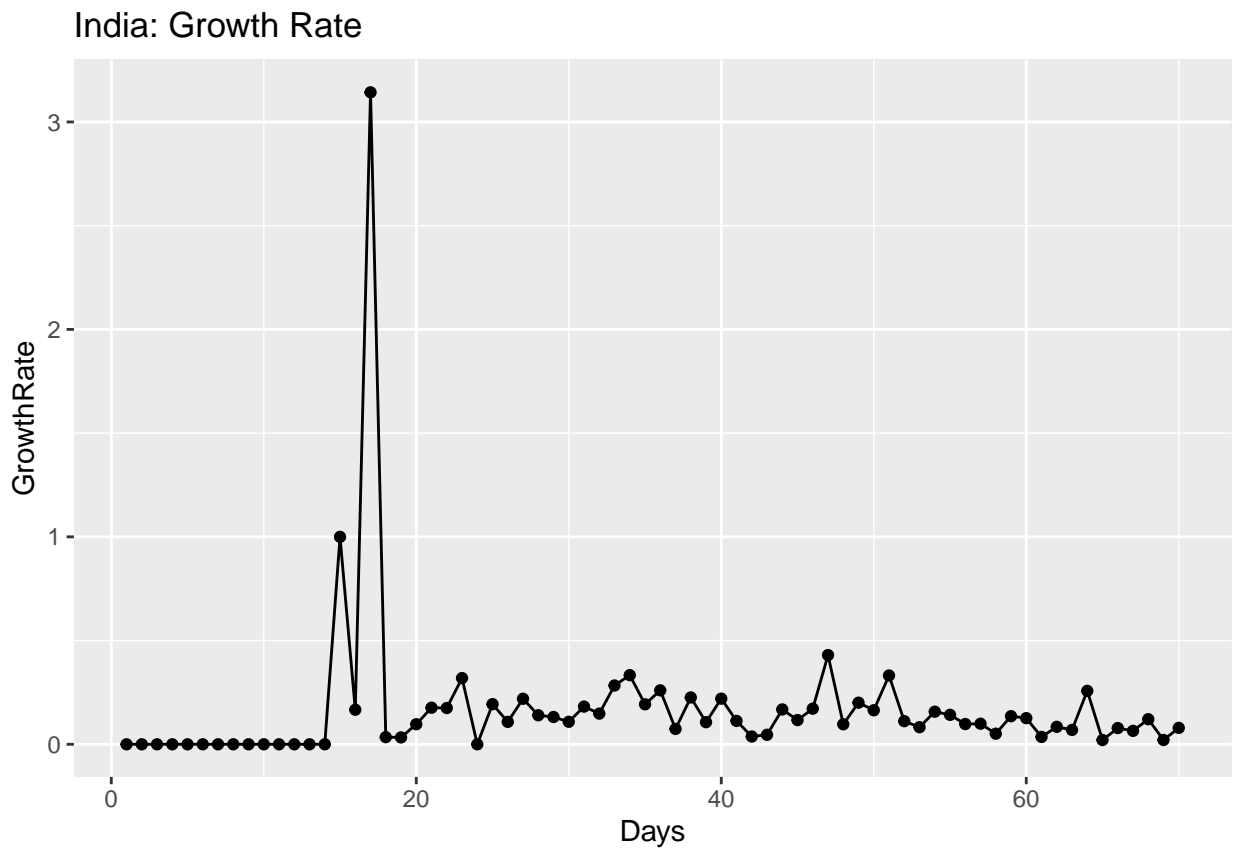
- Tomorrow's predicted case number is between  $1.0073343 \times 10^6$  and  $1.1266611 \times 10^6$  cases.
- Current doubling rate is **22 days**
- Mean doubling rate, i.e number of cases doubles every **5 days**.
- Median doubling rate, i.e number of cases doubles every **8 days**.
- Latest Observed Growth Rate **3.2318468** percent.
- Mean Growth Rate: **15.4604809** percent.
- Median Growth Rate: **8.64235** percent.
- Standard deviation: +/- **14.4617372**.

India Corona Dashboard

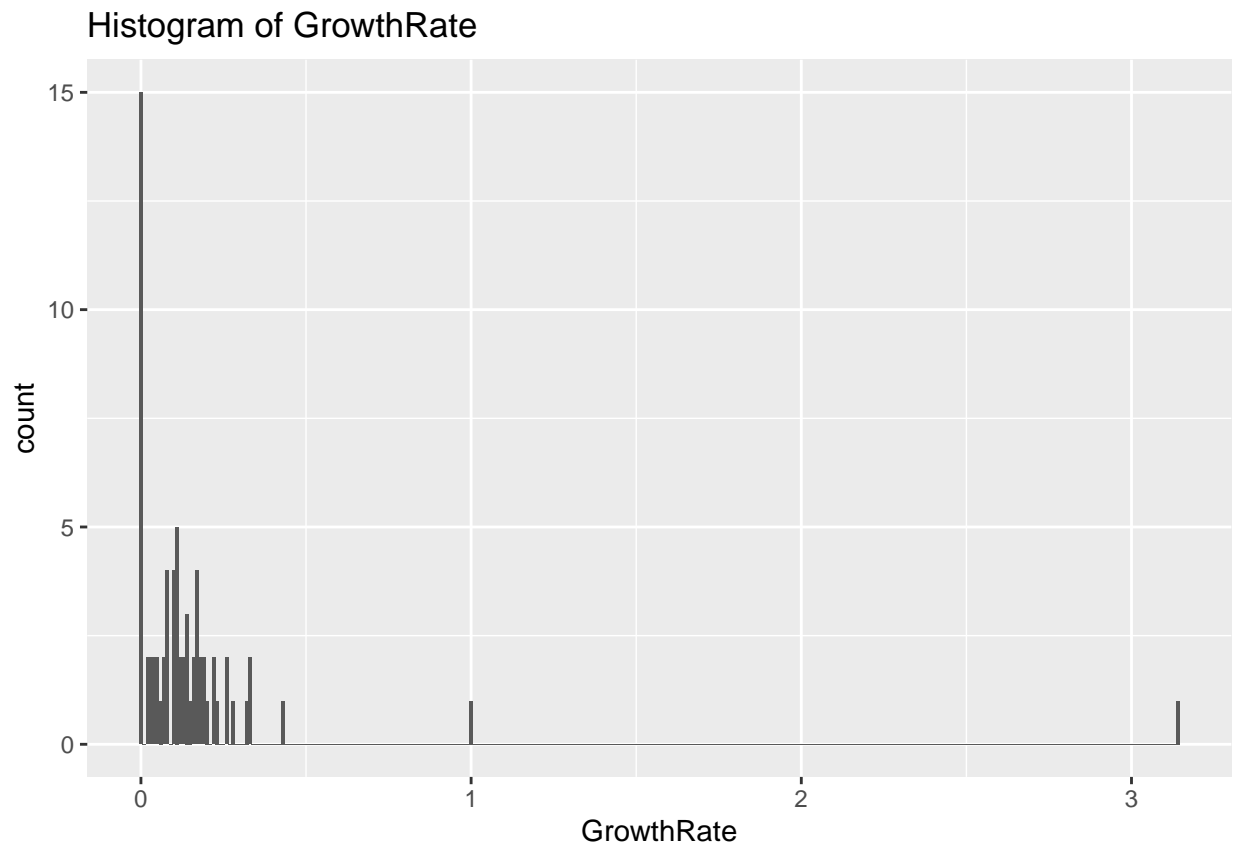


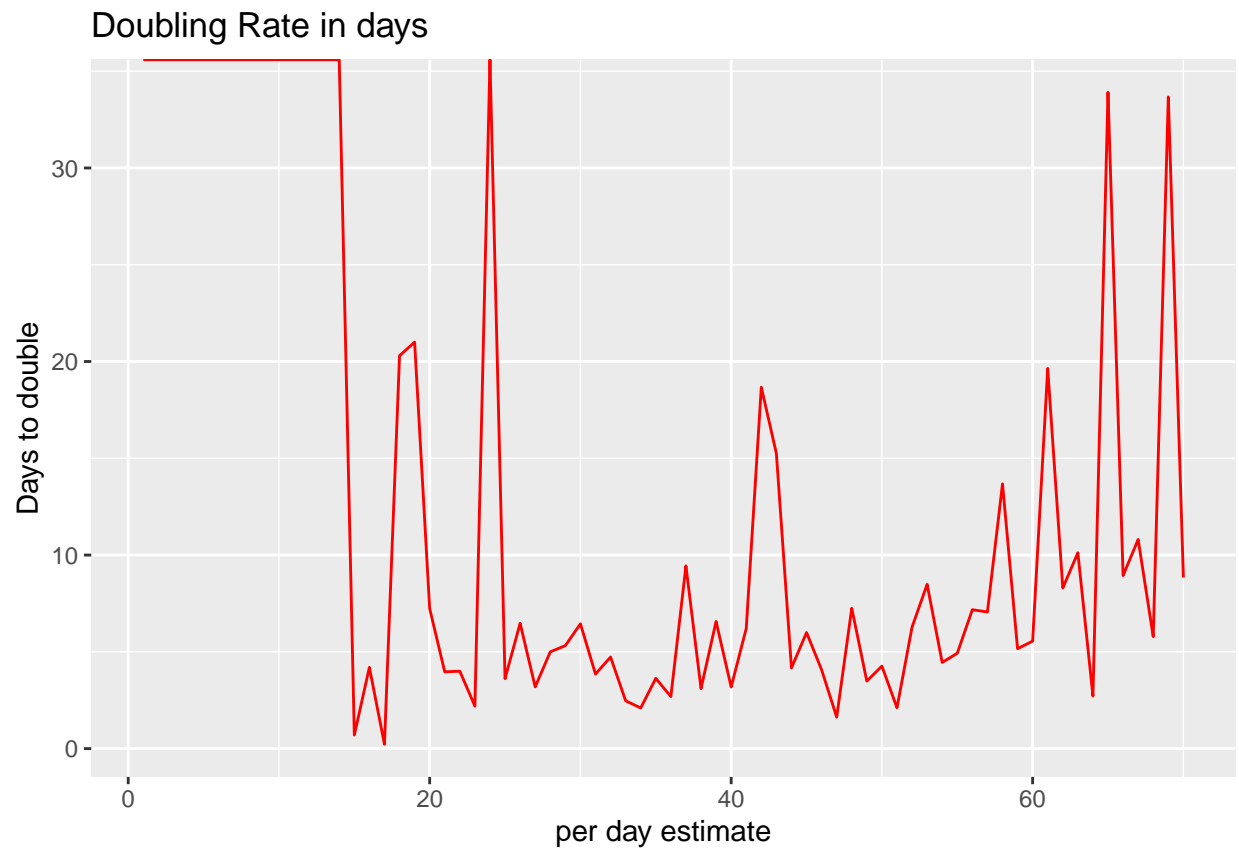
US: Rate of change in Growth Rate

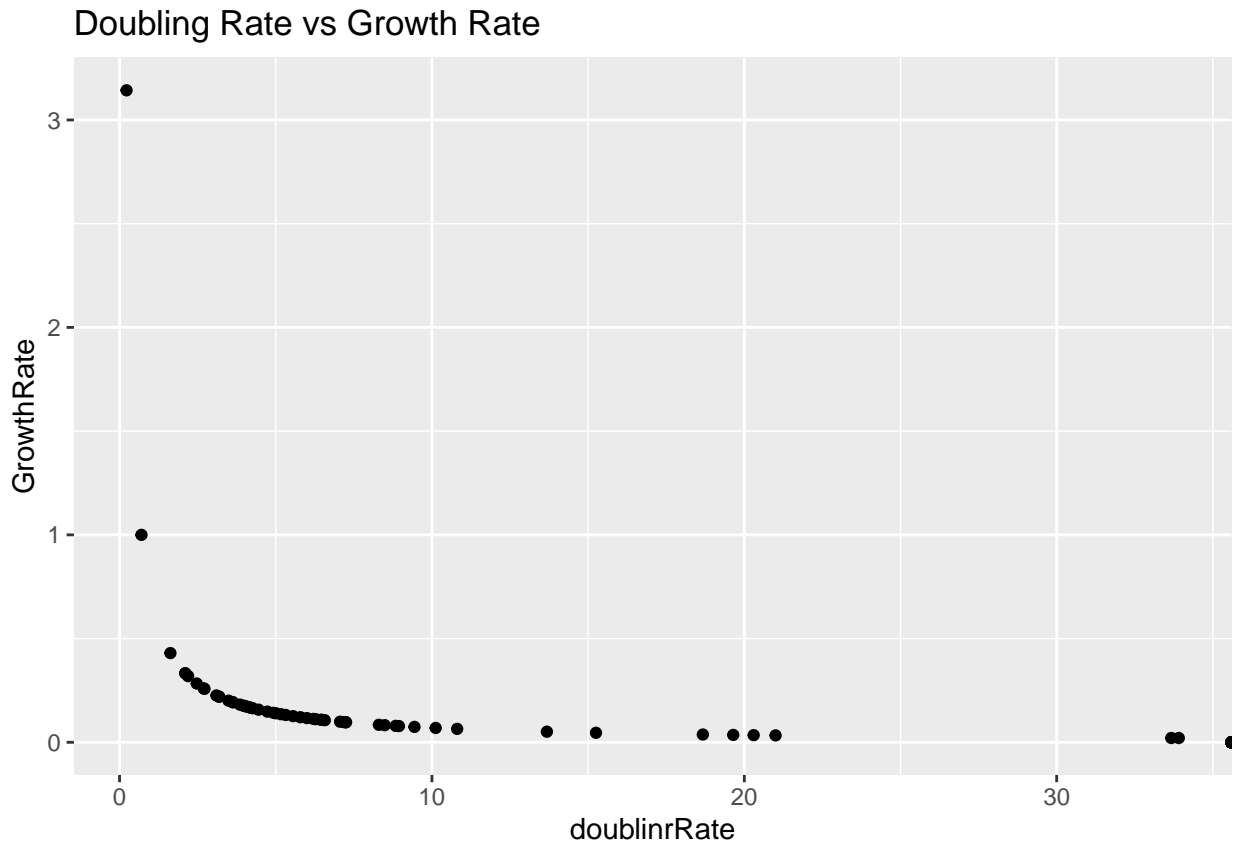


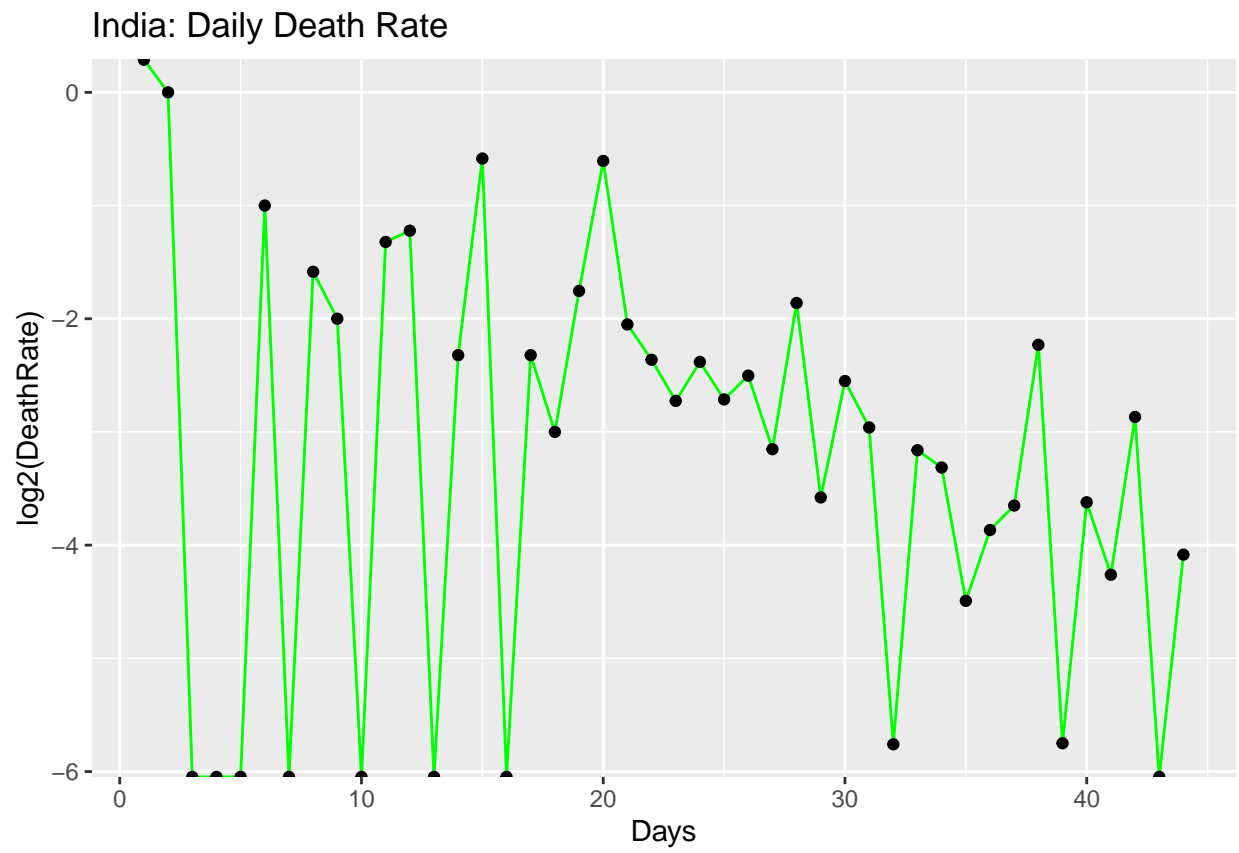


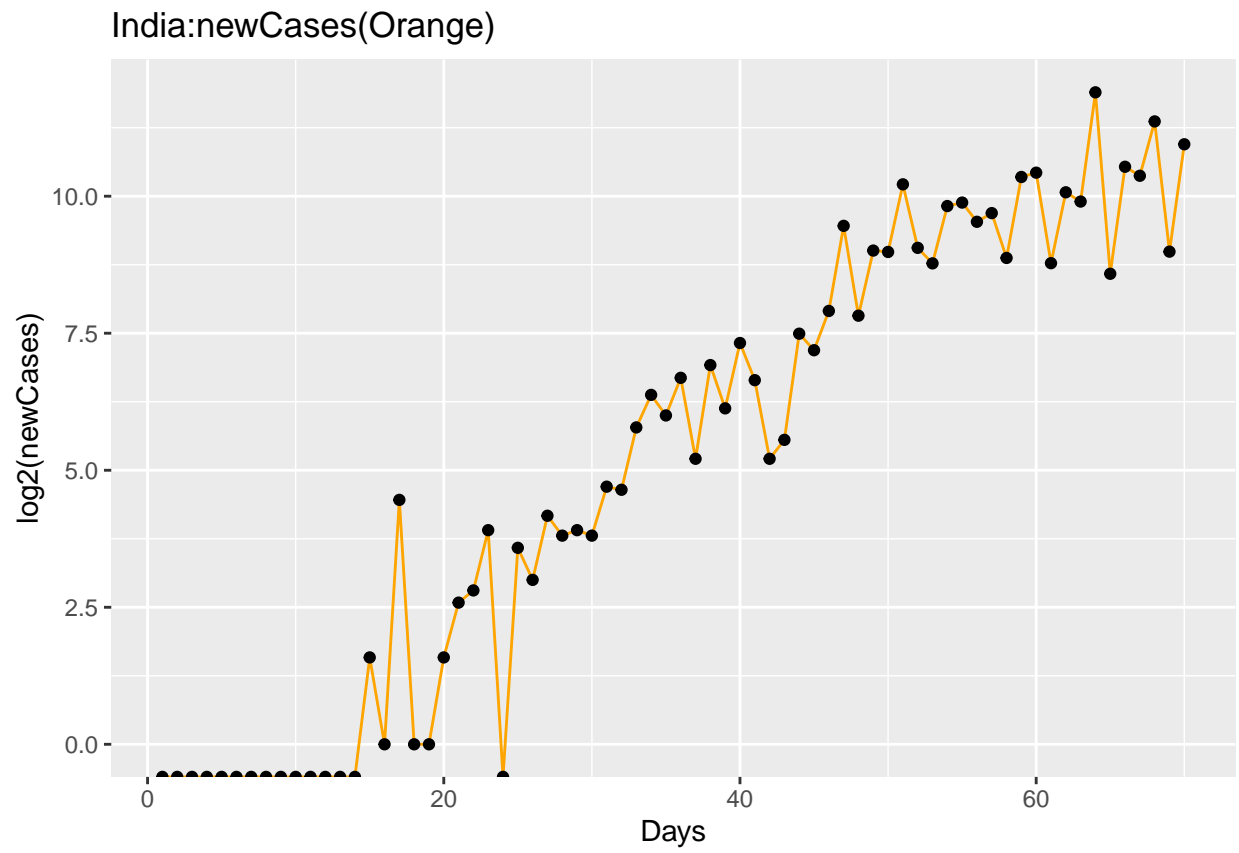




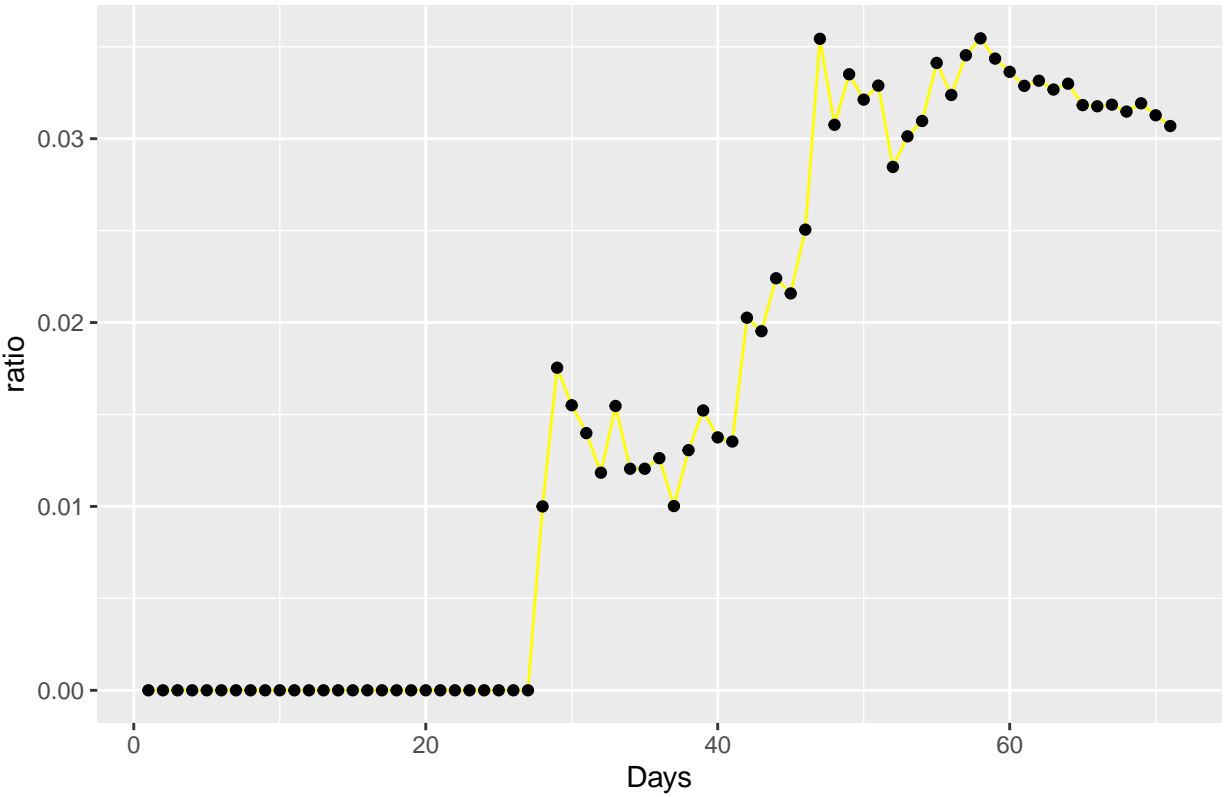


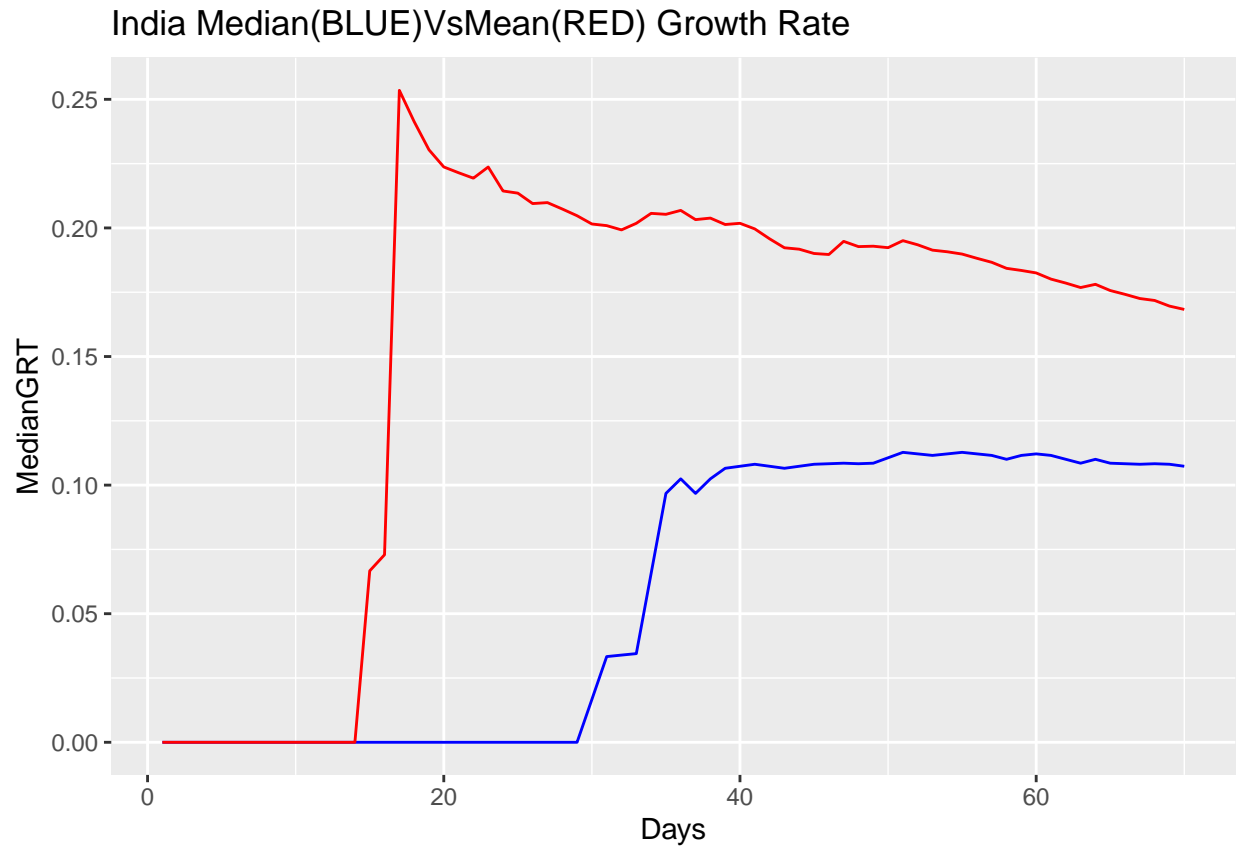






India: TotalDeaths/TotalCases





#### Results:

- Tomorrow's predicted case number is between  $2.9048388 \times 10^4$  and  $3.1447436 \times 10^4$  cases.
- Current doubling rate is **9 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 **7.9183706** percent.
- Mean Growth Rate: **16.8311313** percent.
- Median Growth Rate: **10.7326505** percent.
- Standard deviation: +/- **38.8272425**.