

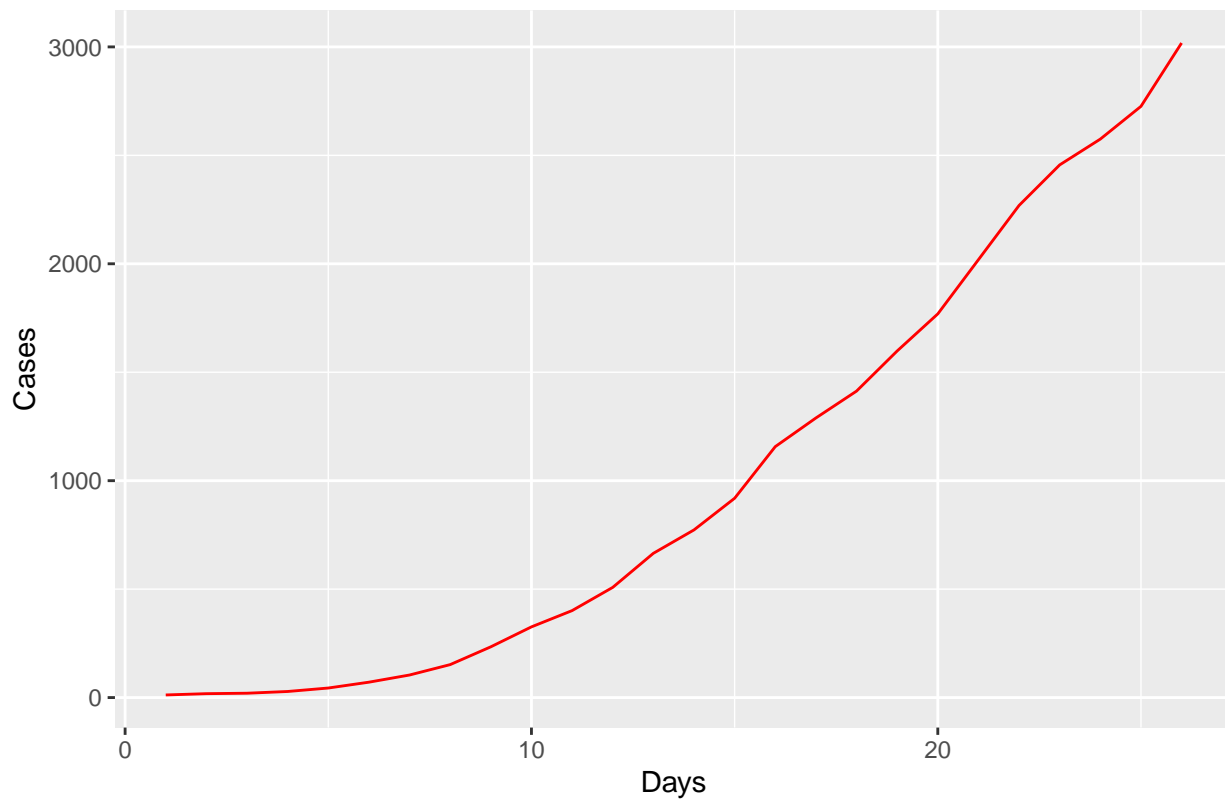
Arizona/US/India Corona Trends- 9th April 2020 with tomorrow's prediction

Whitchurch Muthumani

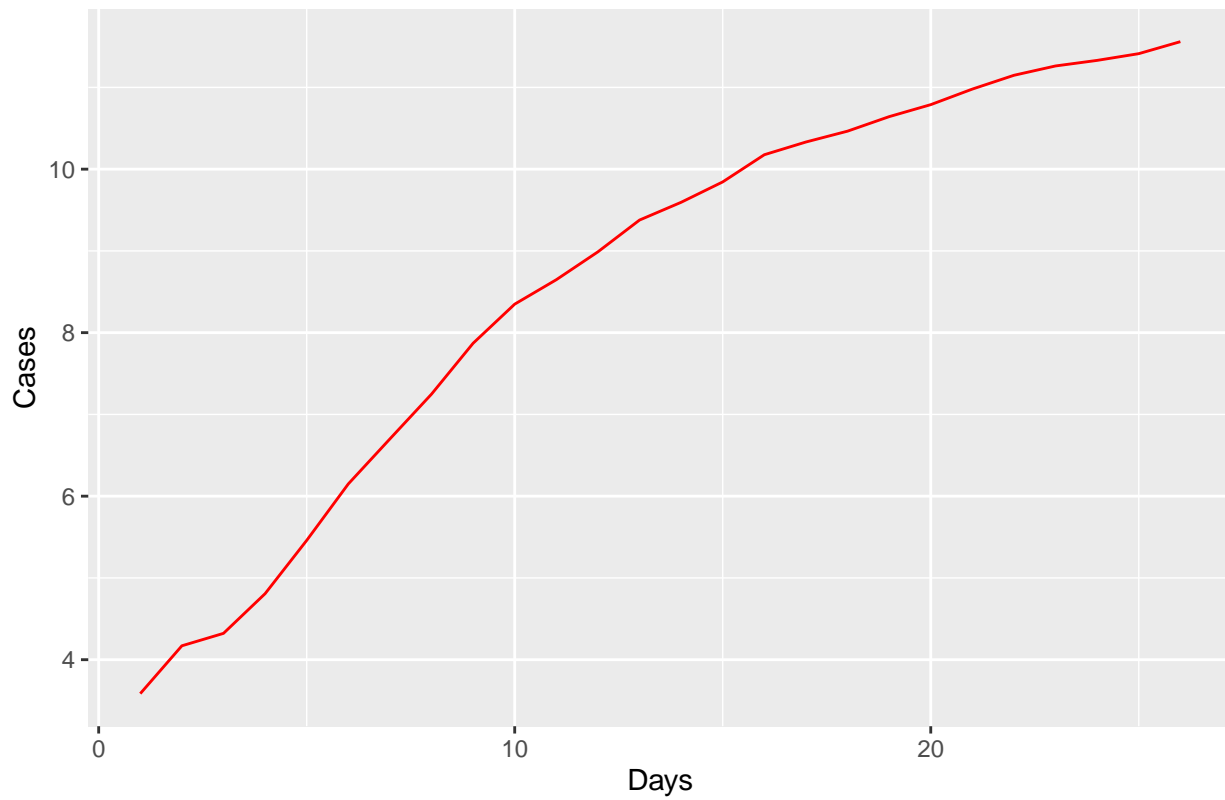
4/9/2020

Arizona Corona Dashboard

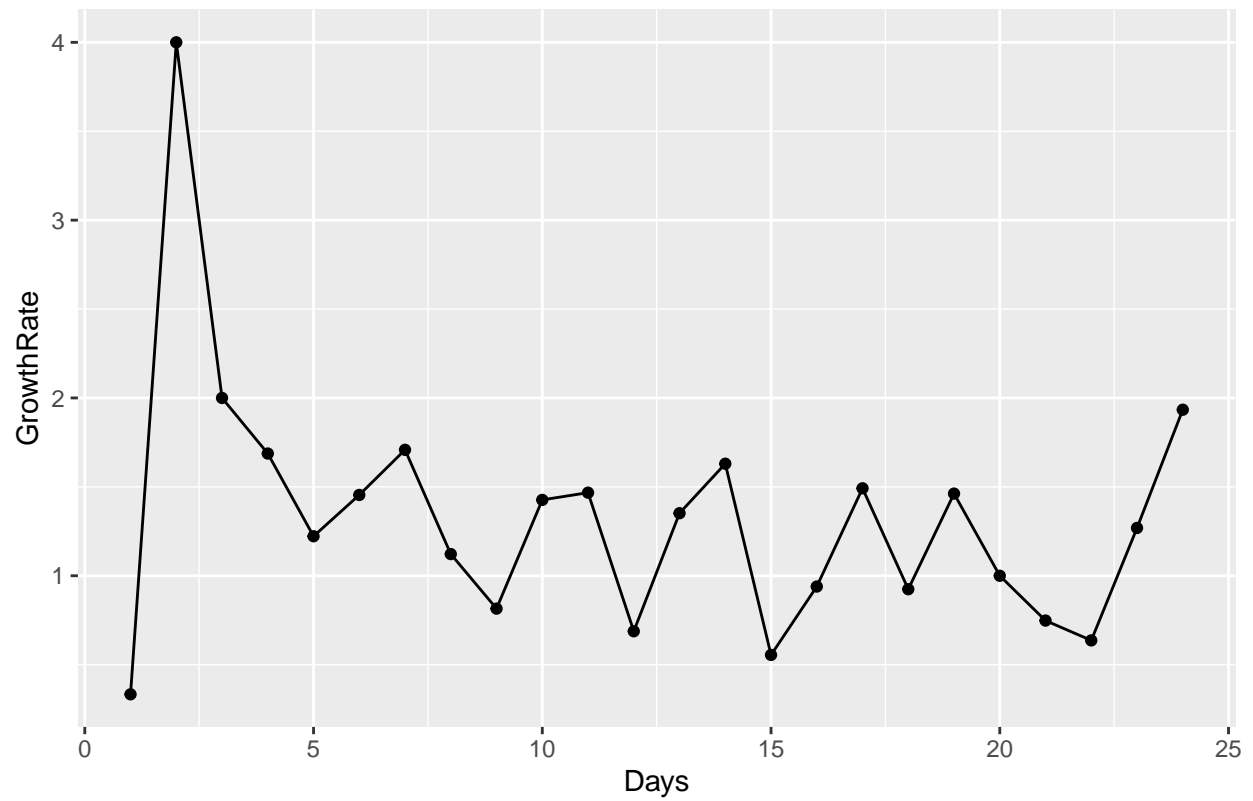
Arizona: Daily Cases



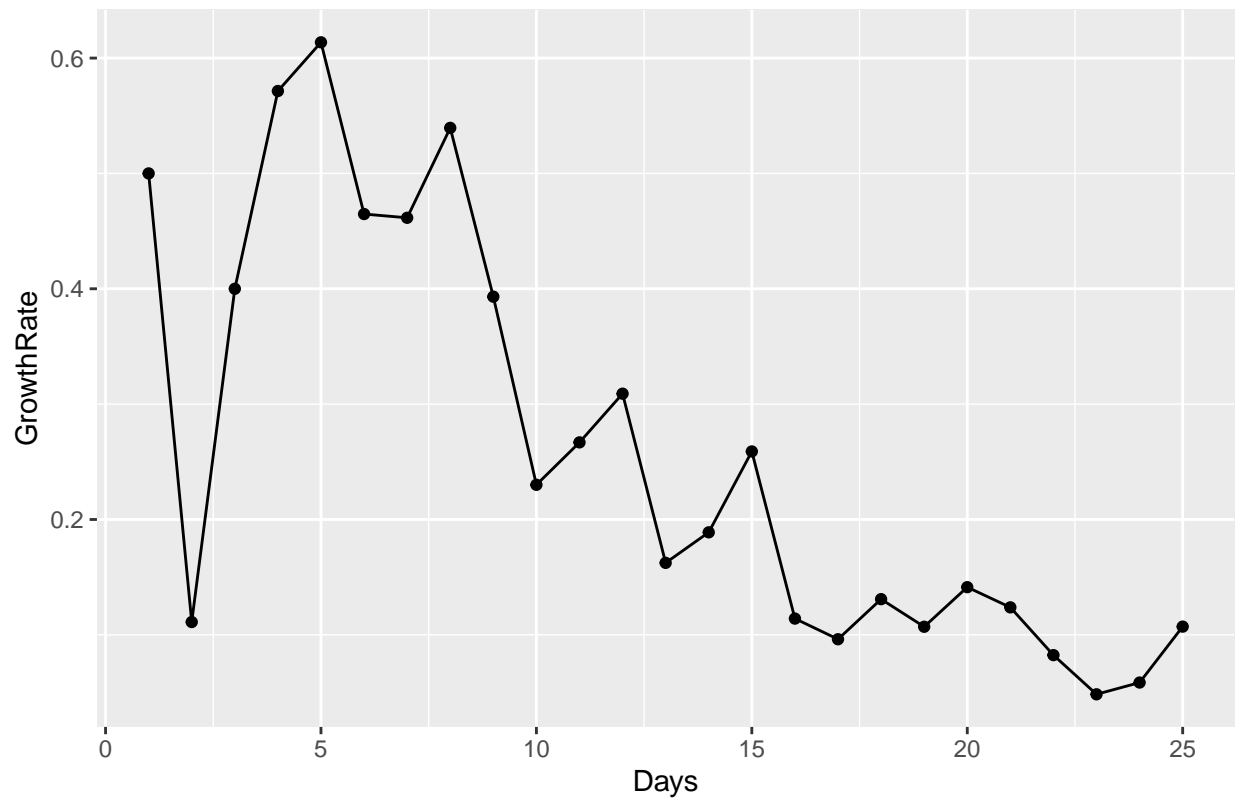
Arizona: Daily Cases

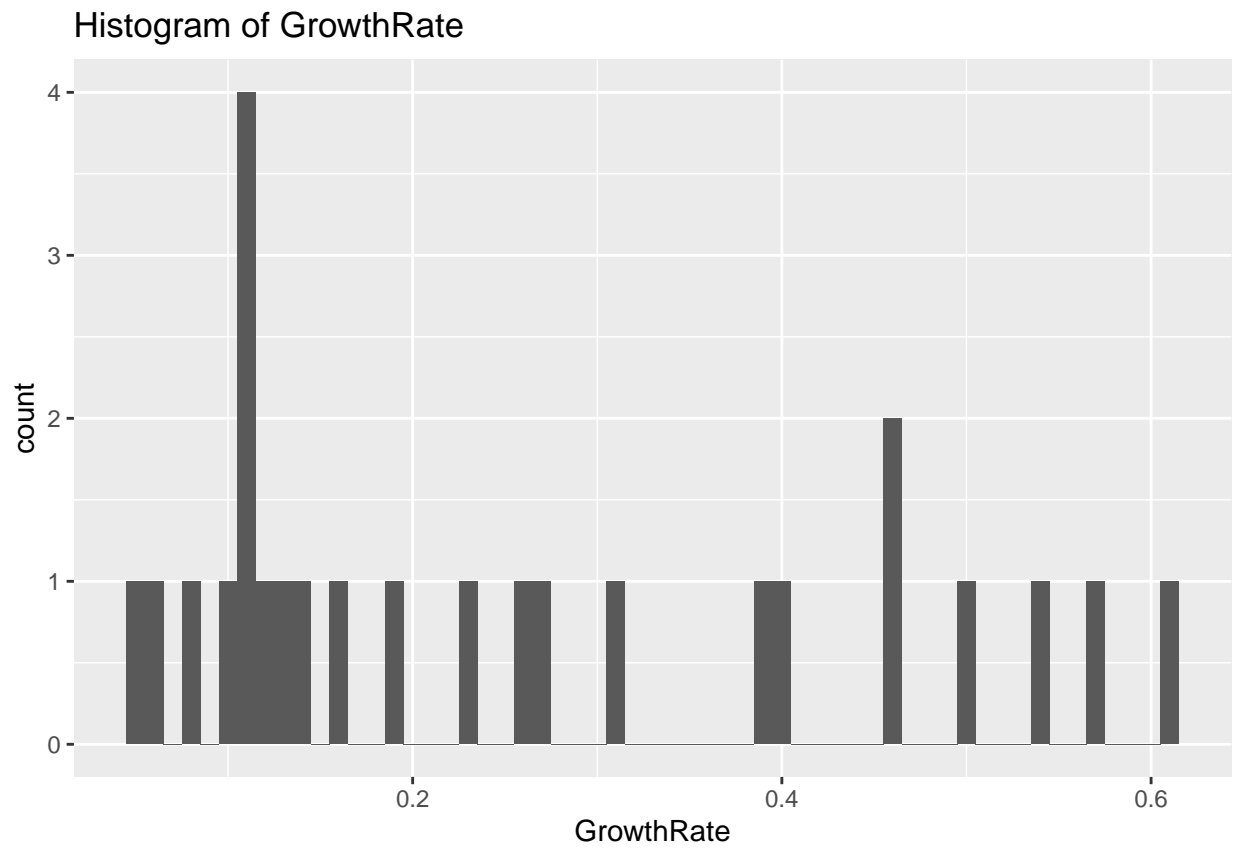


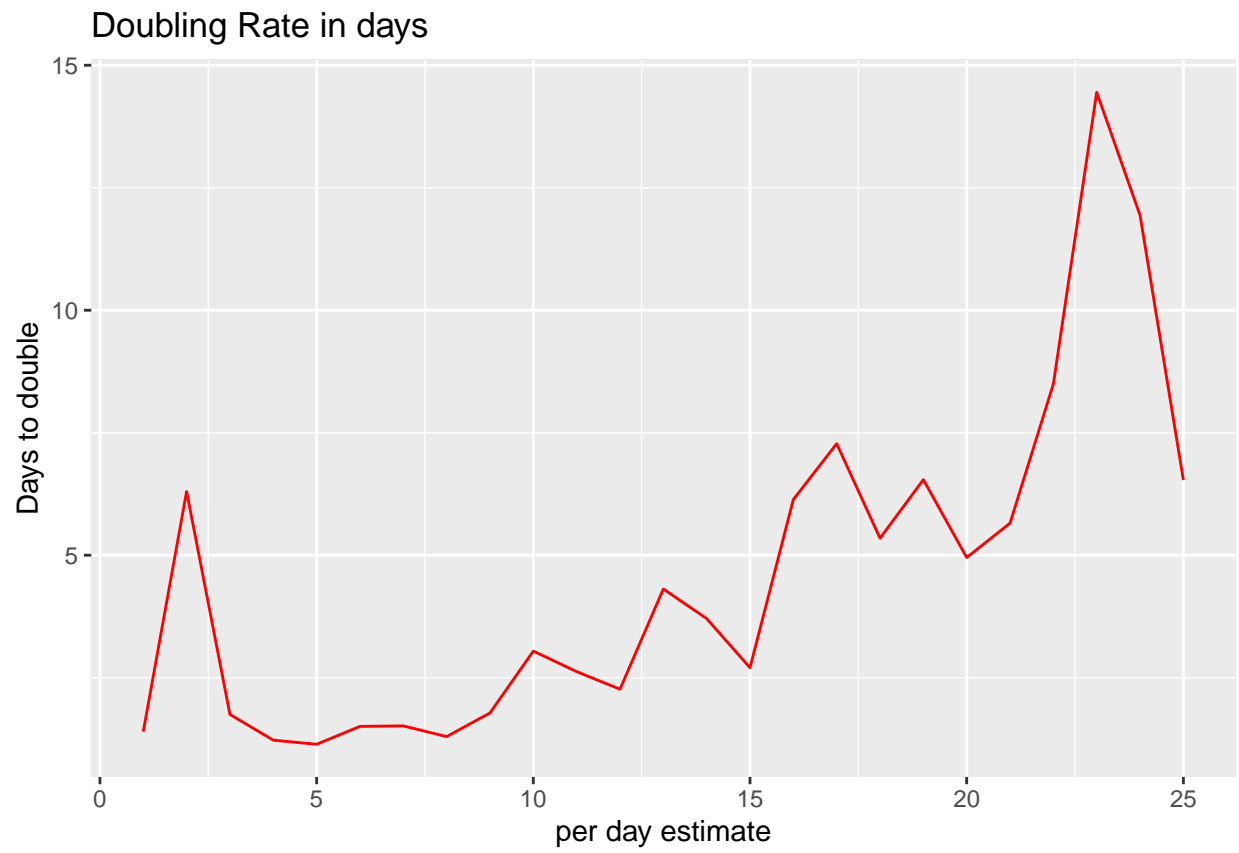
Arizona: Rate of change in Growth Rate

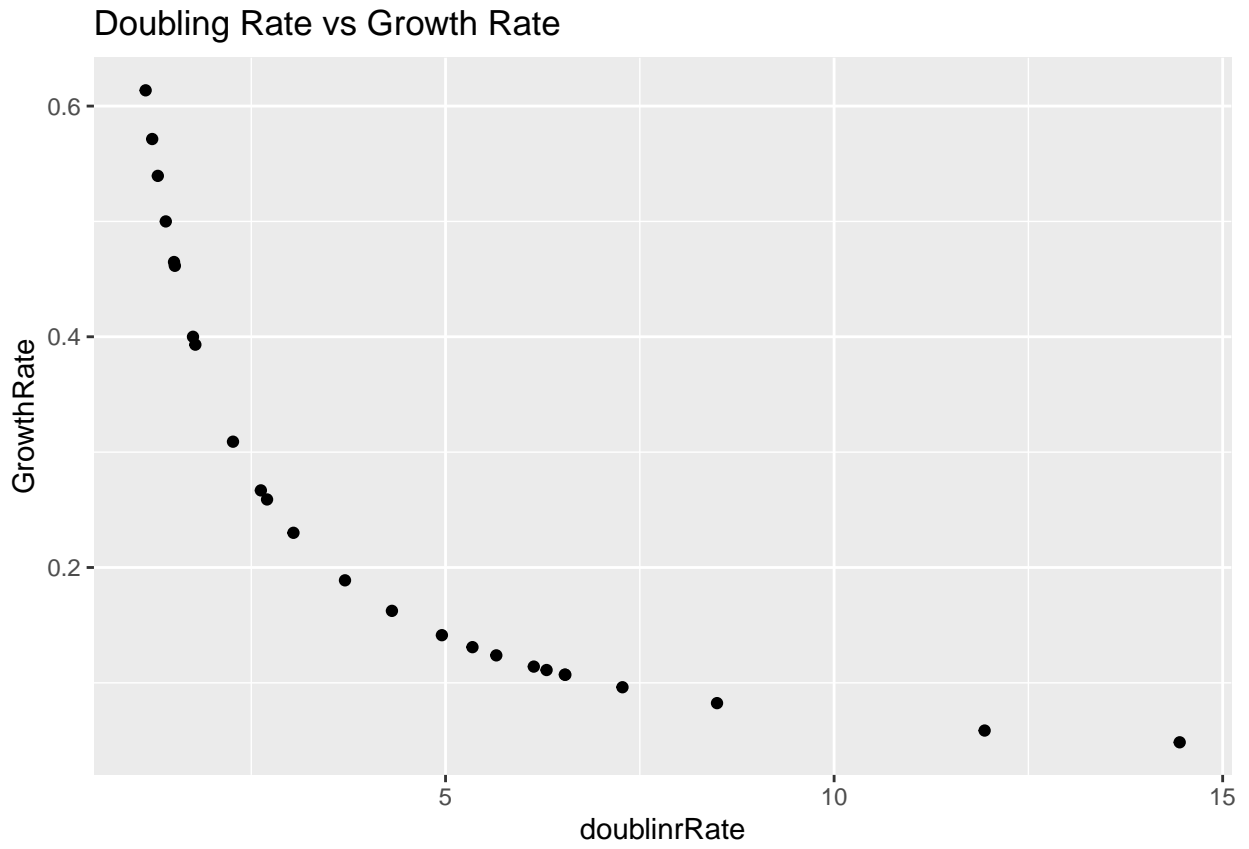


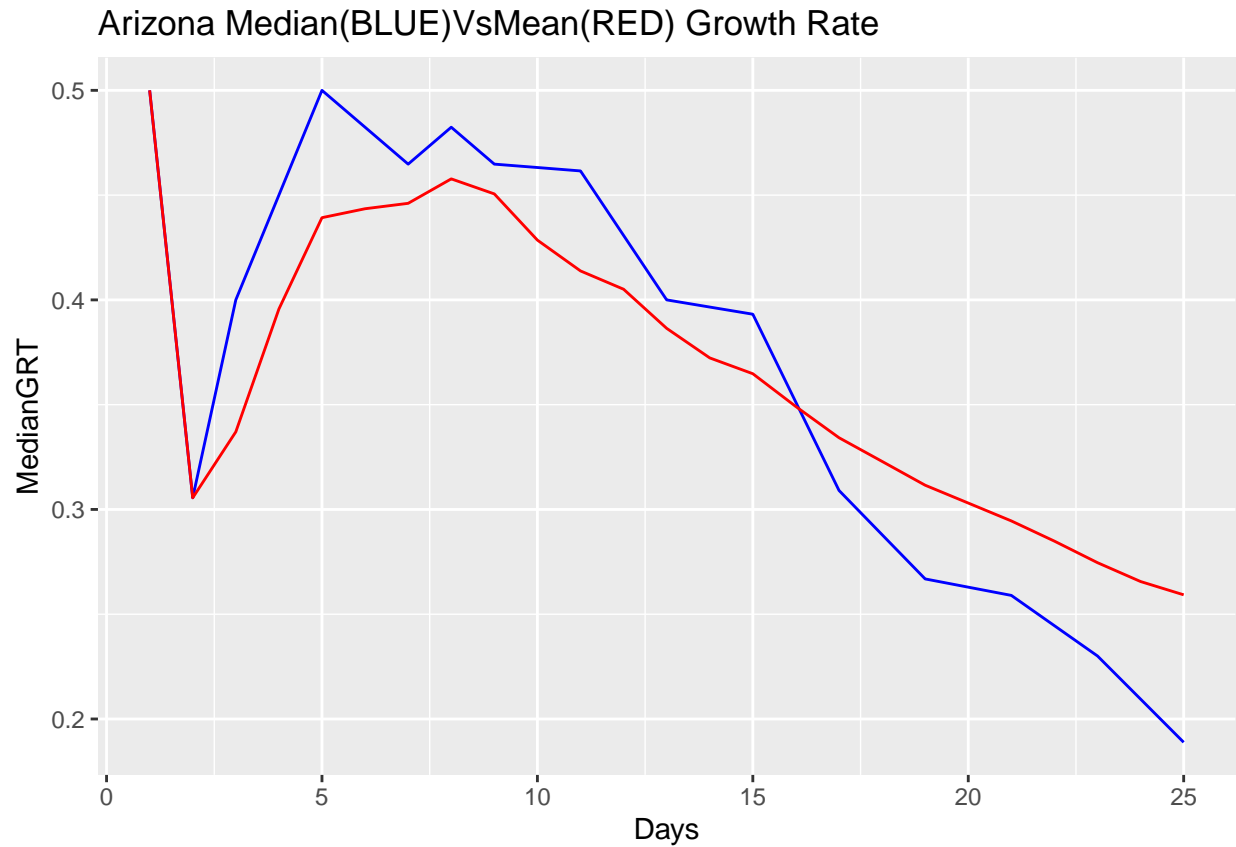
Arizona: Growth Rate









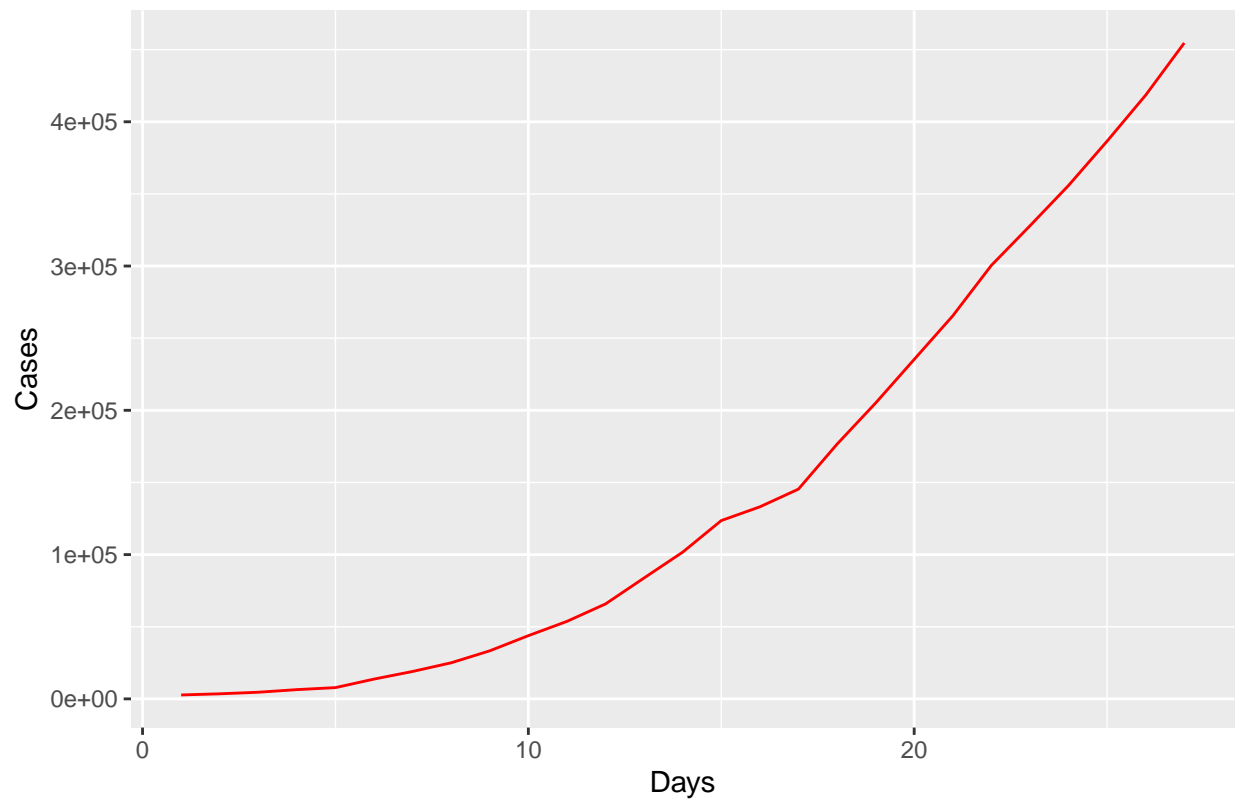


Results:

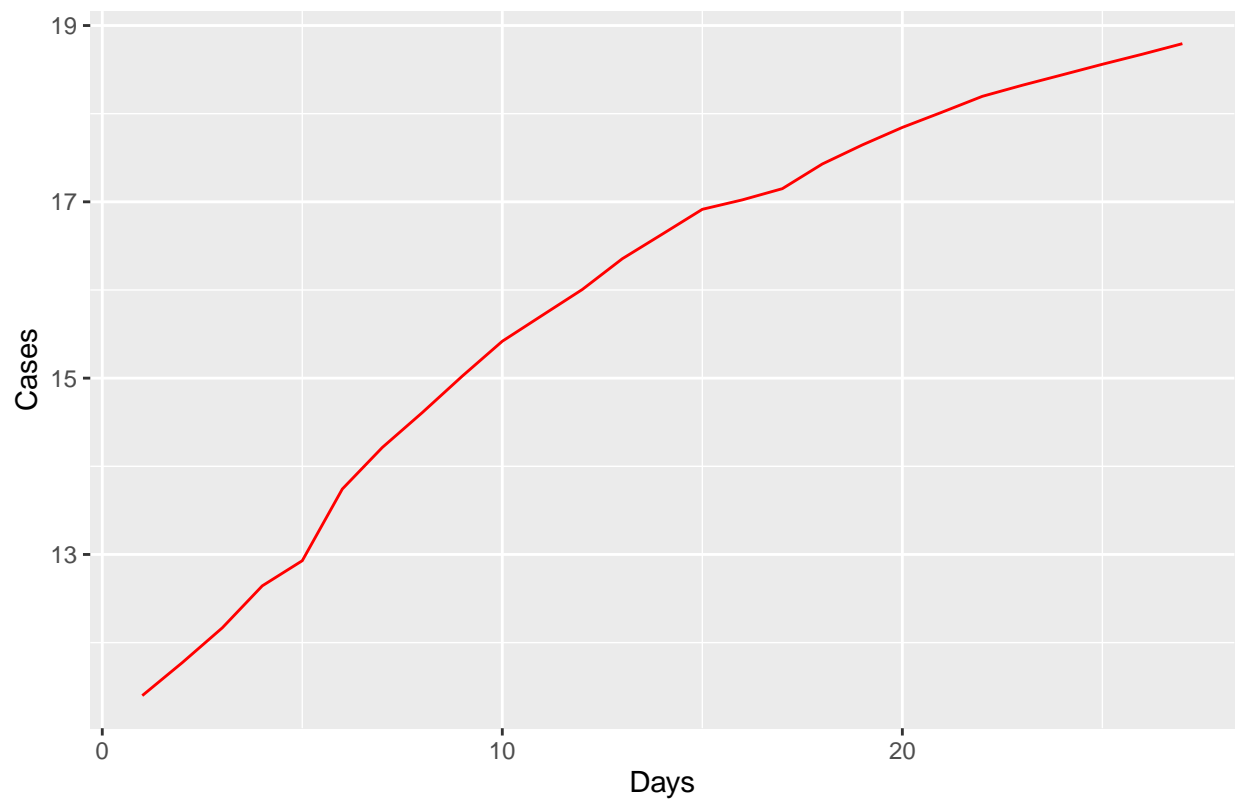
- Tomorrow's predicted case number is between **3341.2780631** and **3800.4274648** cases.
- Current doubling rate is **7 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **4 days**.
- Latest Observed Growth Rate **10.7116654** percent.
- Mean Growth Rate: **25.9253633** percent.
- Median Growth Rate: **18.8874515** percent.
- Standard deviation: +/- **18.0133198**.

US Corona Dashboard

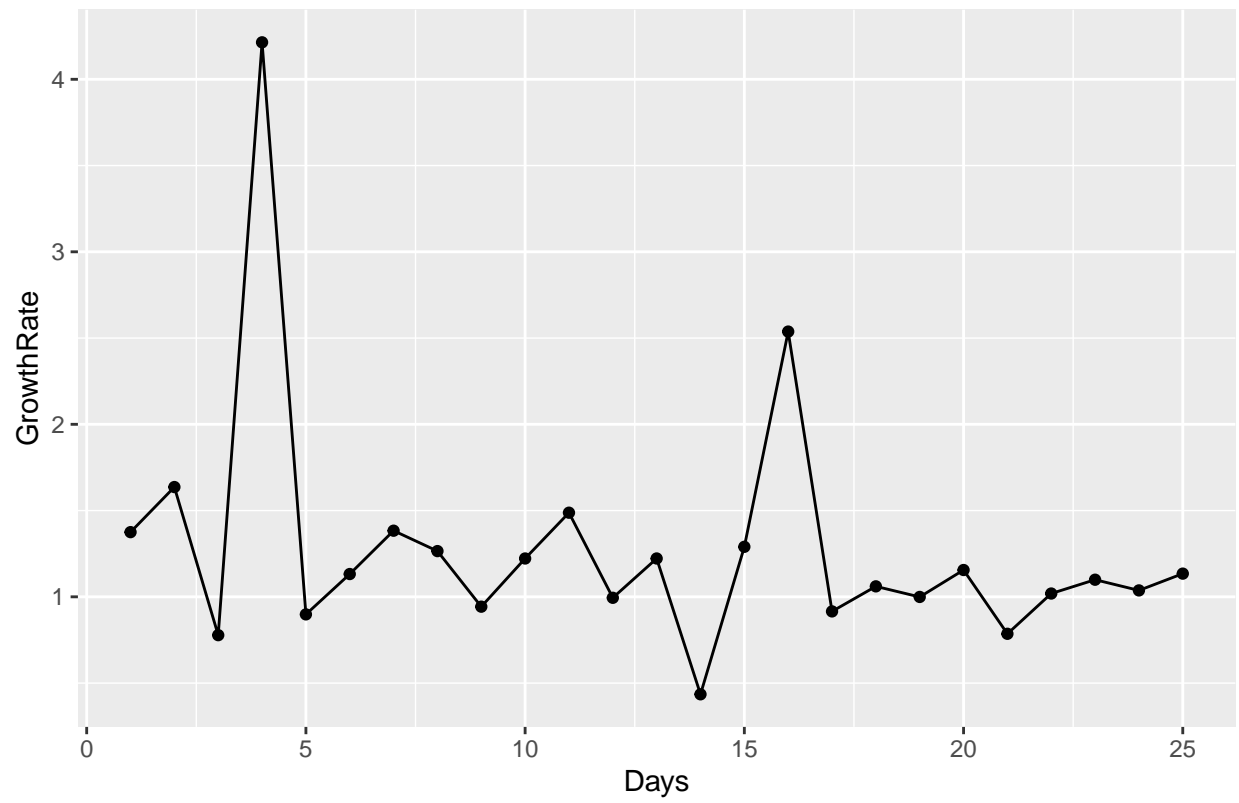
US: Daily Cases



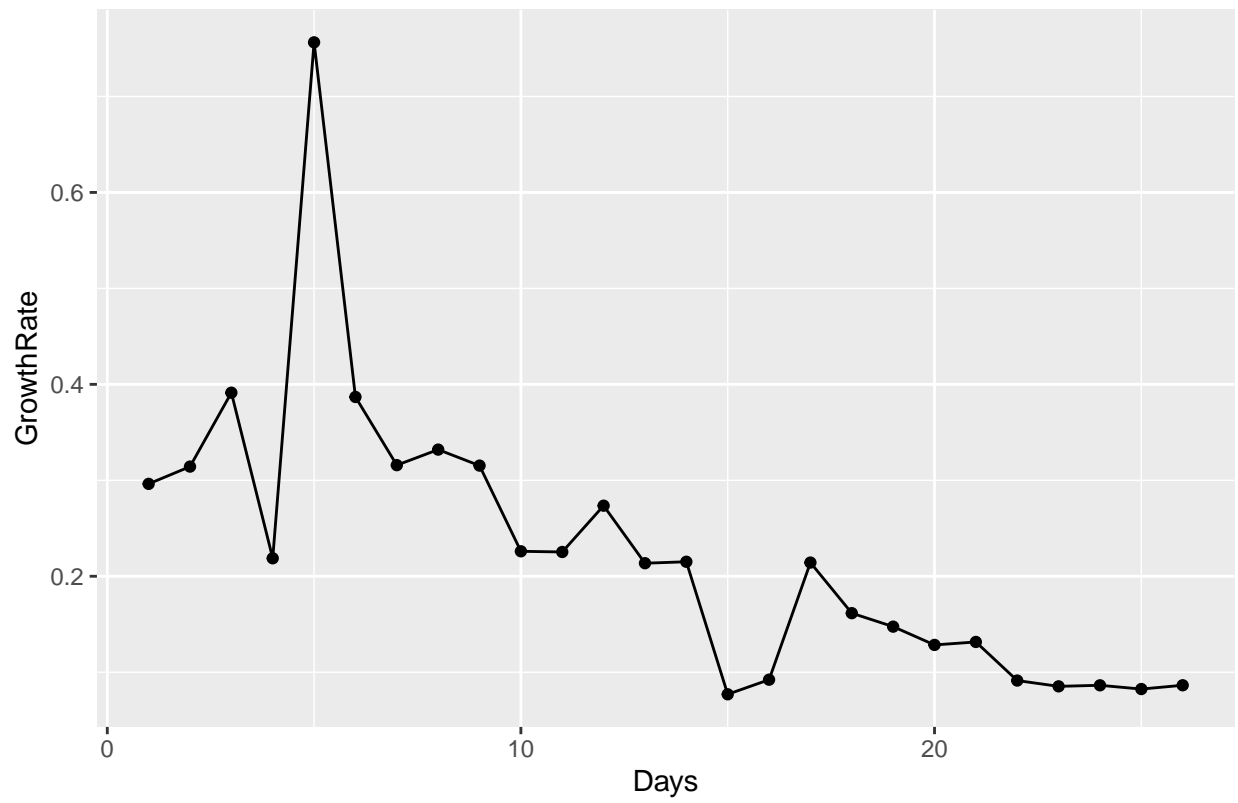
US: Daily Cases

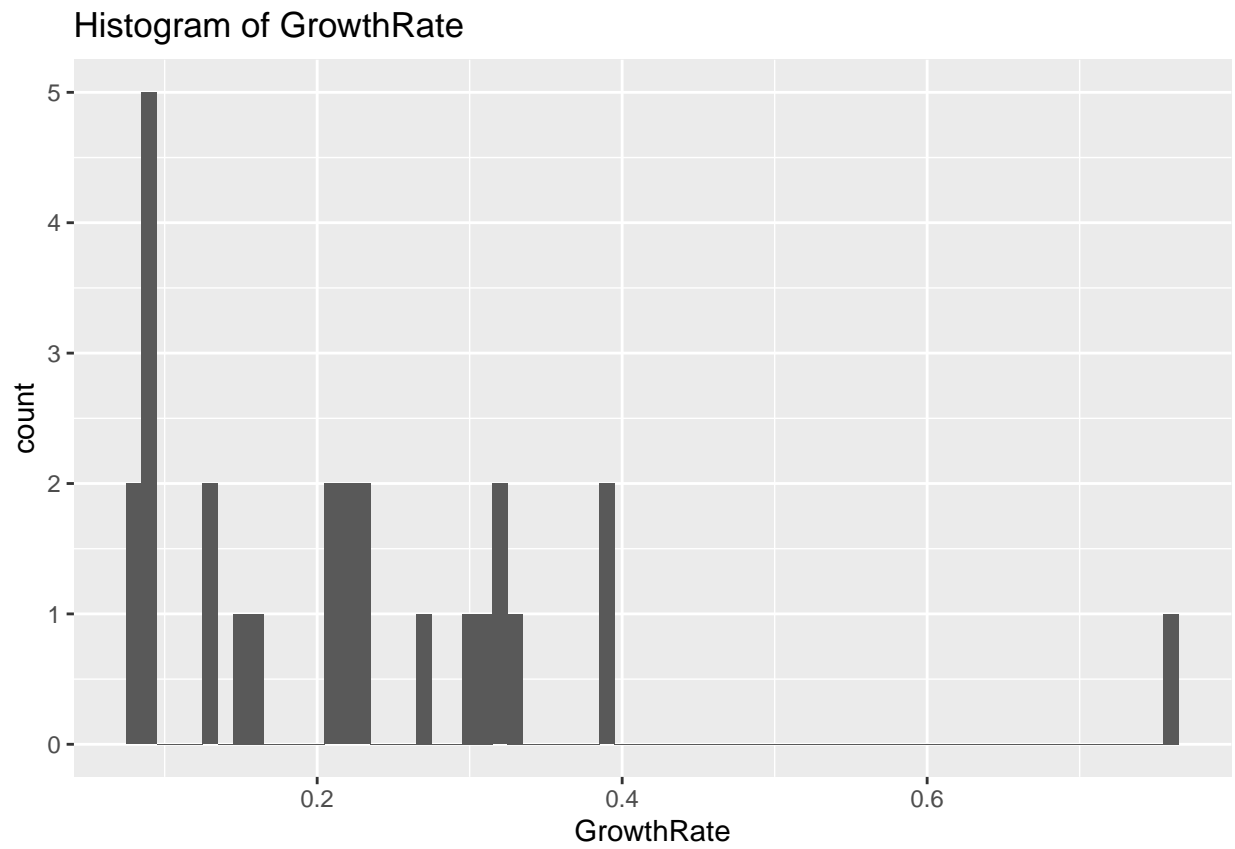


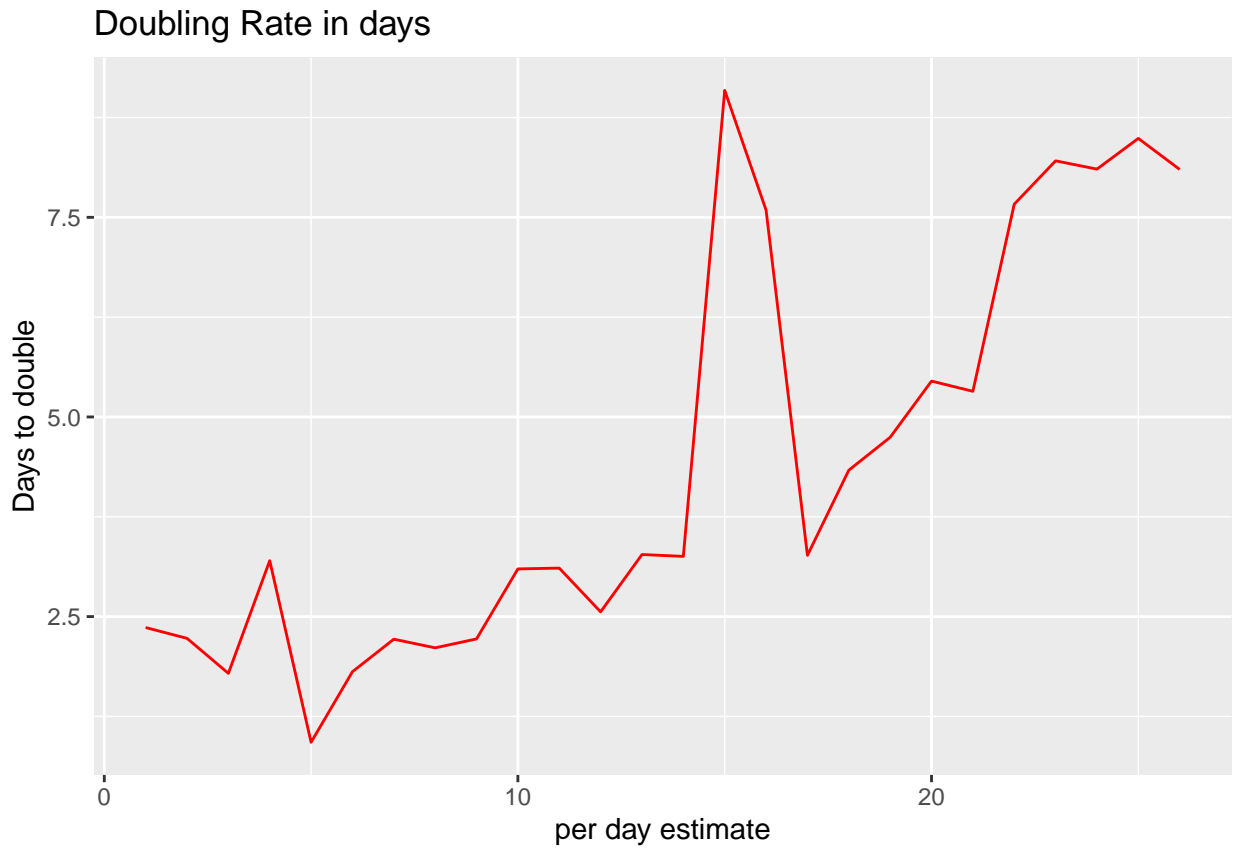
US: Rate of change in Growth Rate



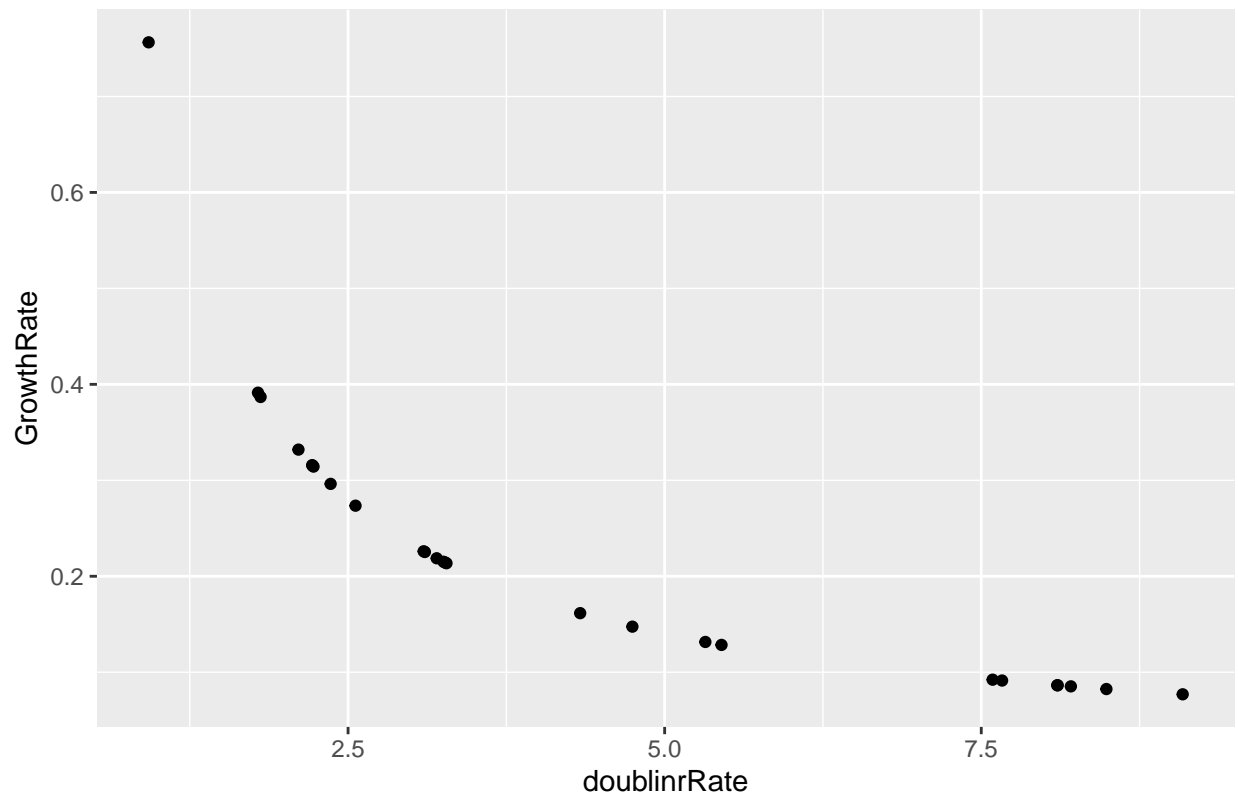
US: Growth Rate

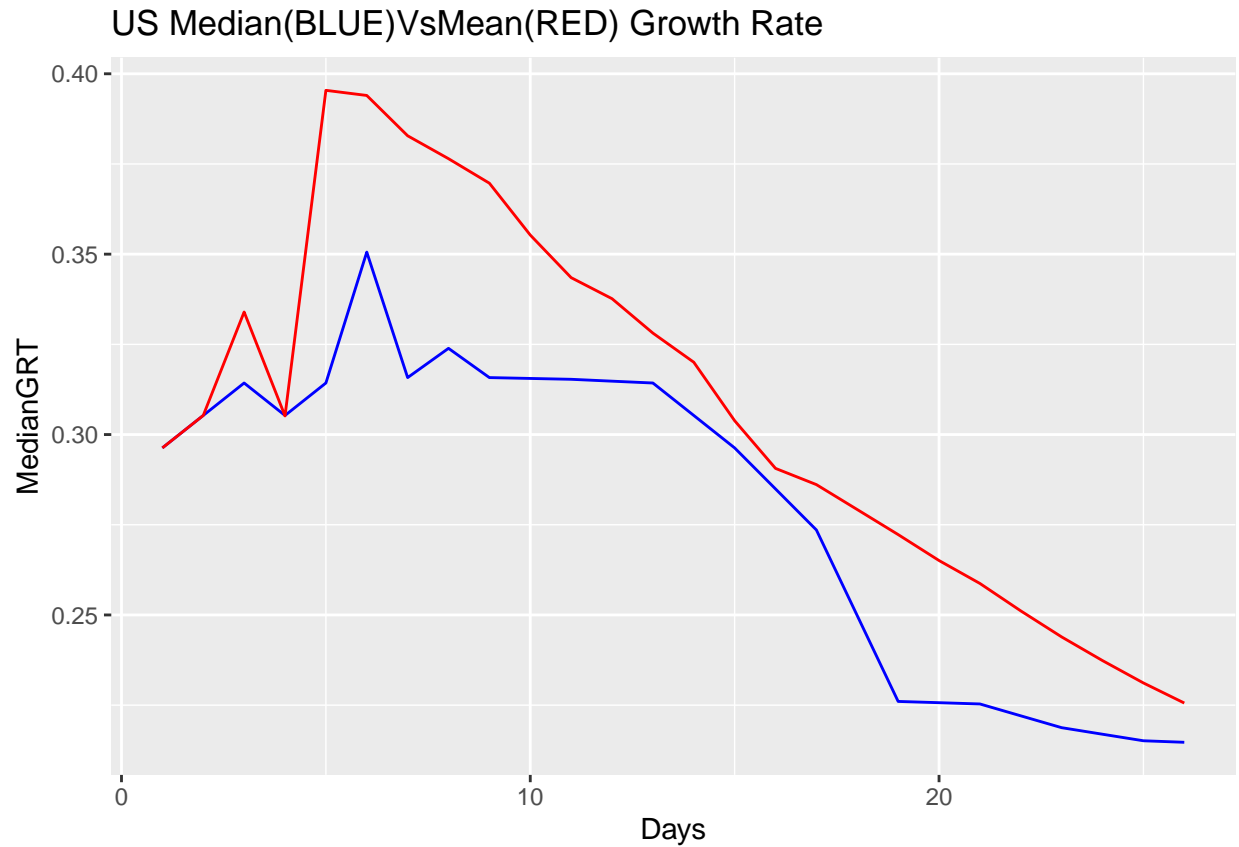






Doubling Rate vs Growth Rate



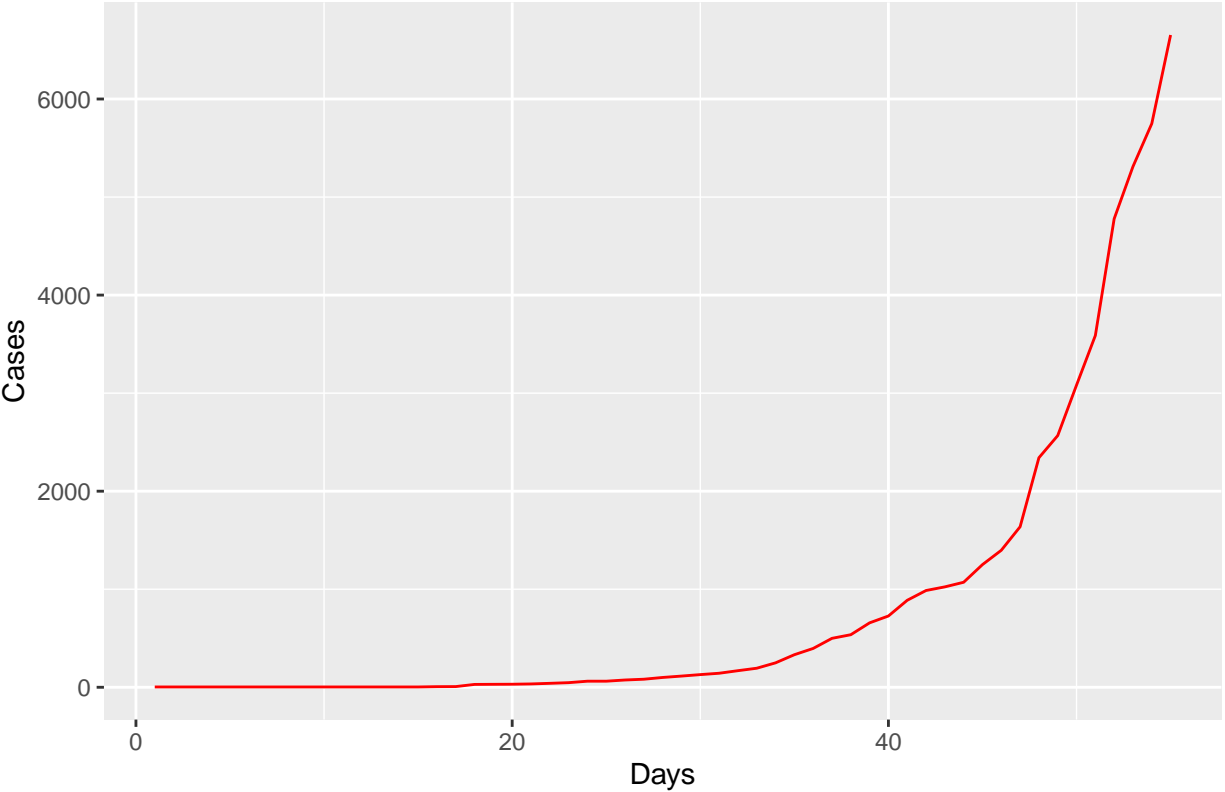


Results:

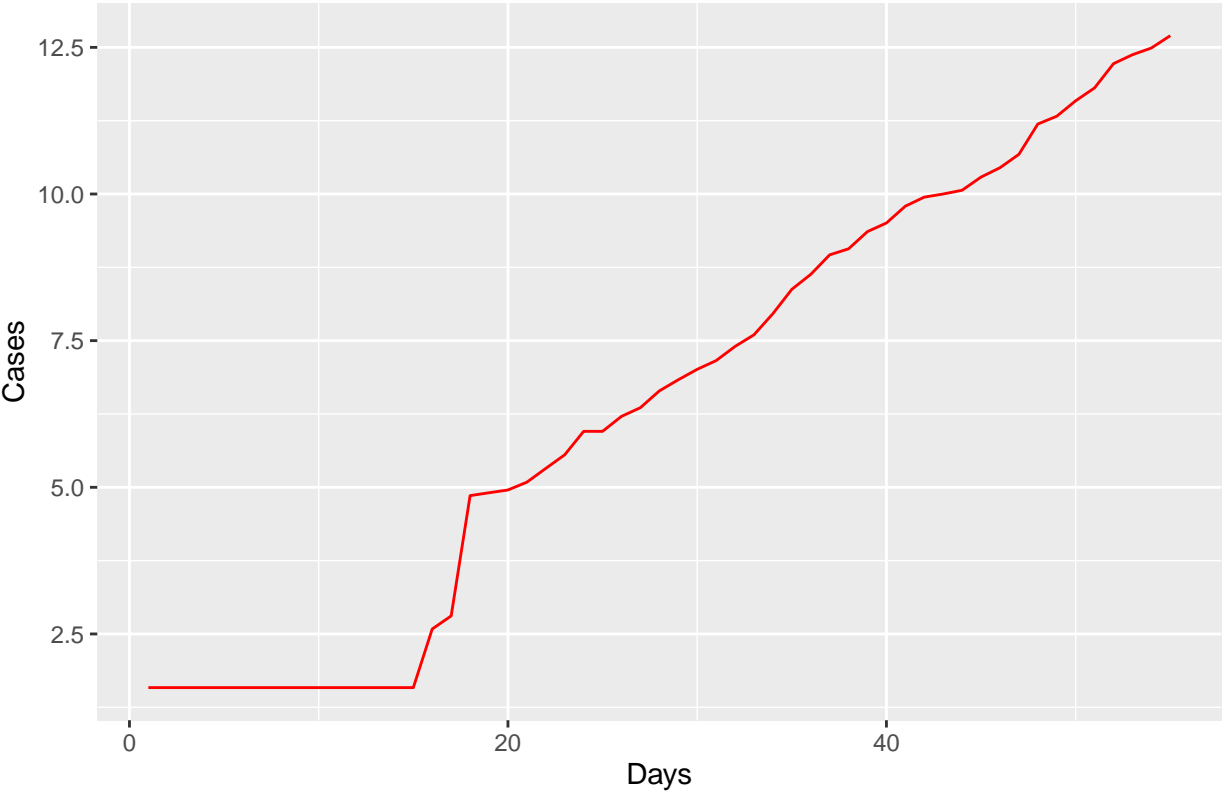
- Tomorrow's predicted case number is between 4.9390442×10^5 and 5.5716784×10^5 cases.
- Current doubling rate is **8 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **3 days**.
- Latest Observed Growth Rate **8.64235** percent.
- Mean Growth Rate: **22.5581724** percent.
- Median Growth Rate: **21.4699153** percent.
- Standard deviation: +/- **14.7461596**.

India Corona Dashboard

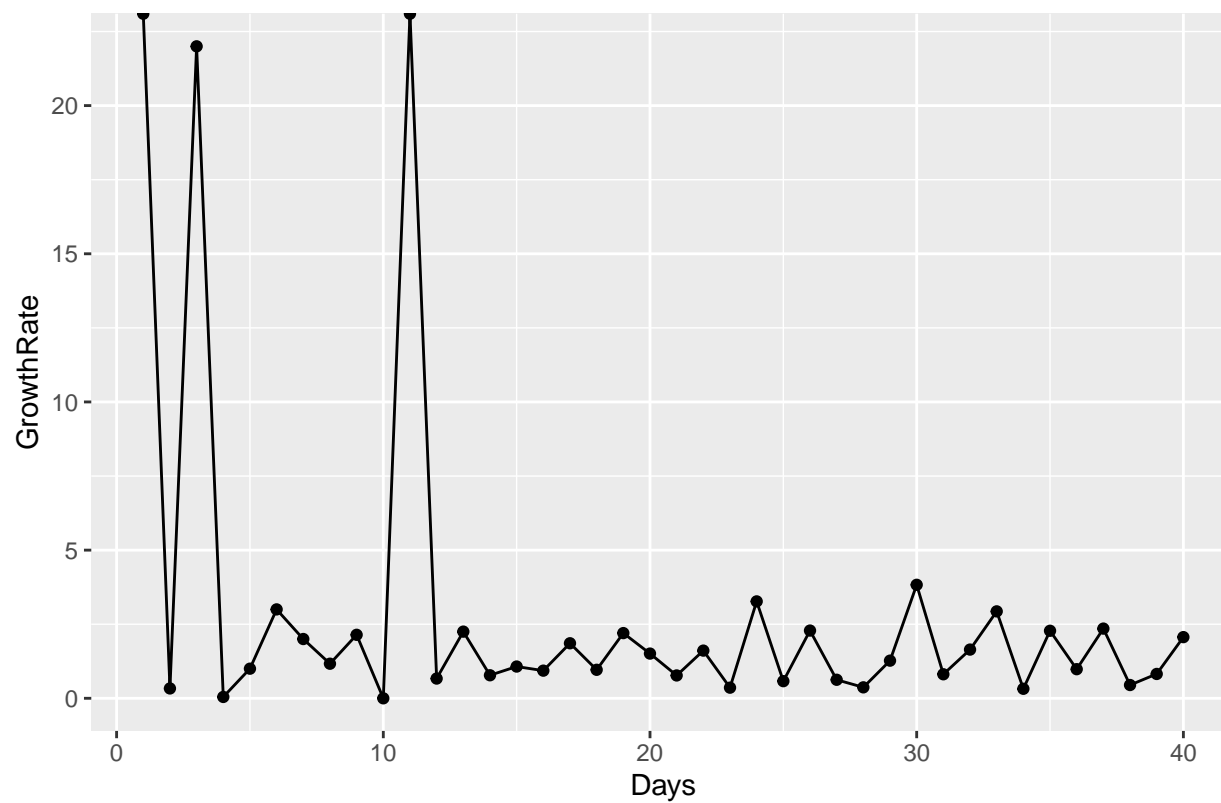
India: Daily Cases

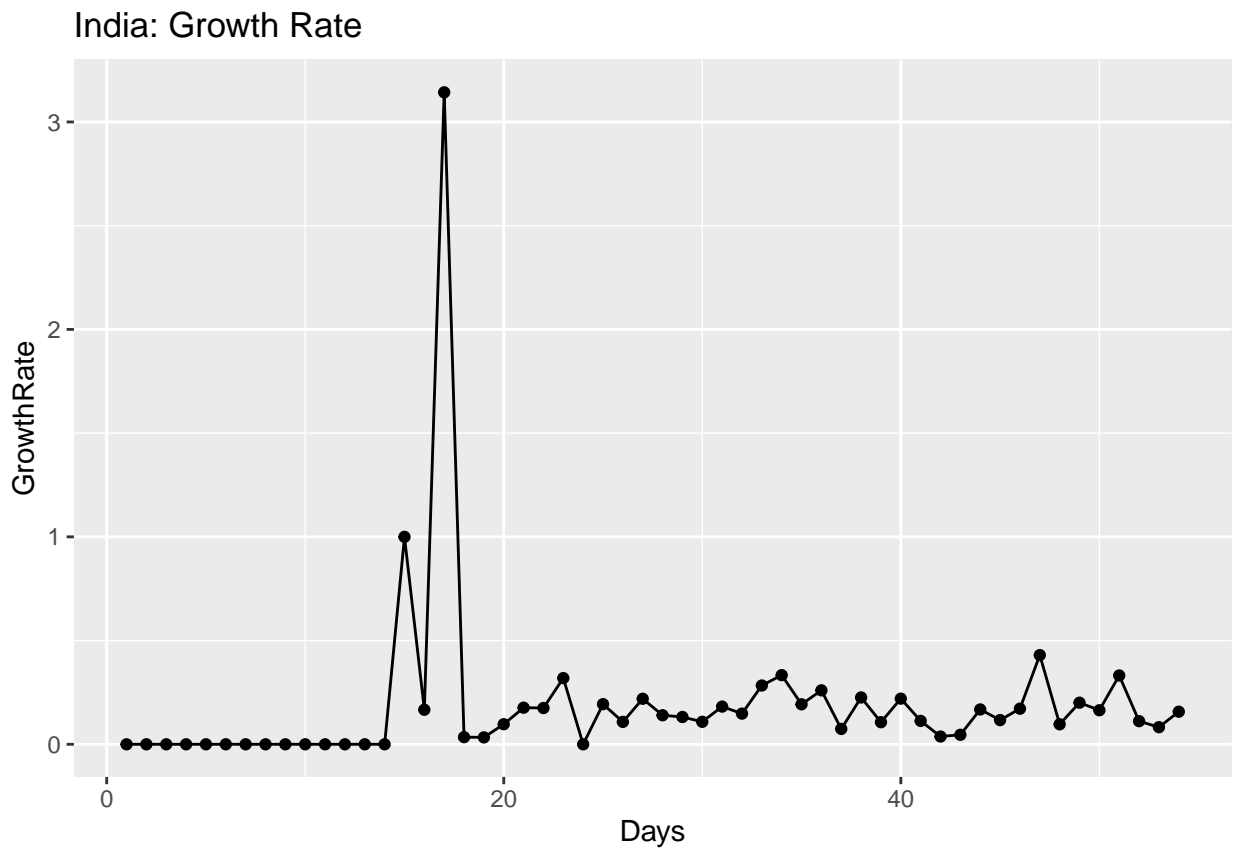


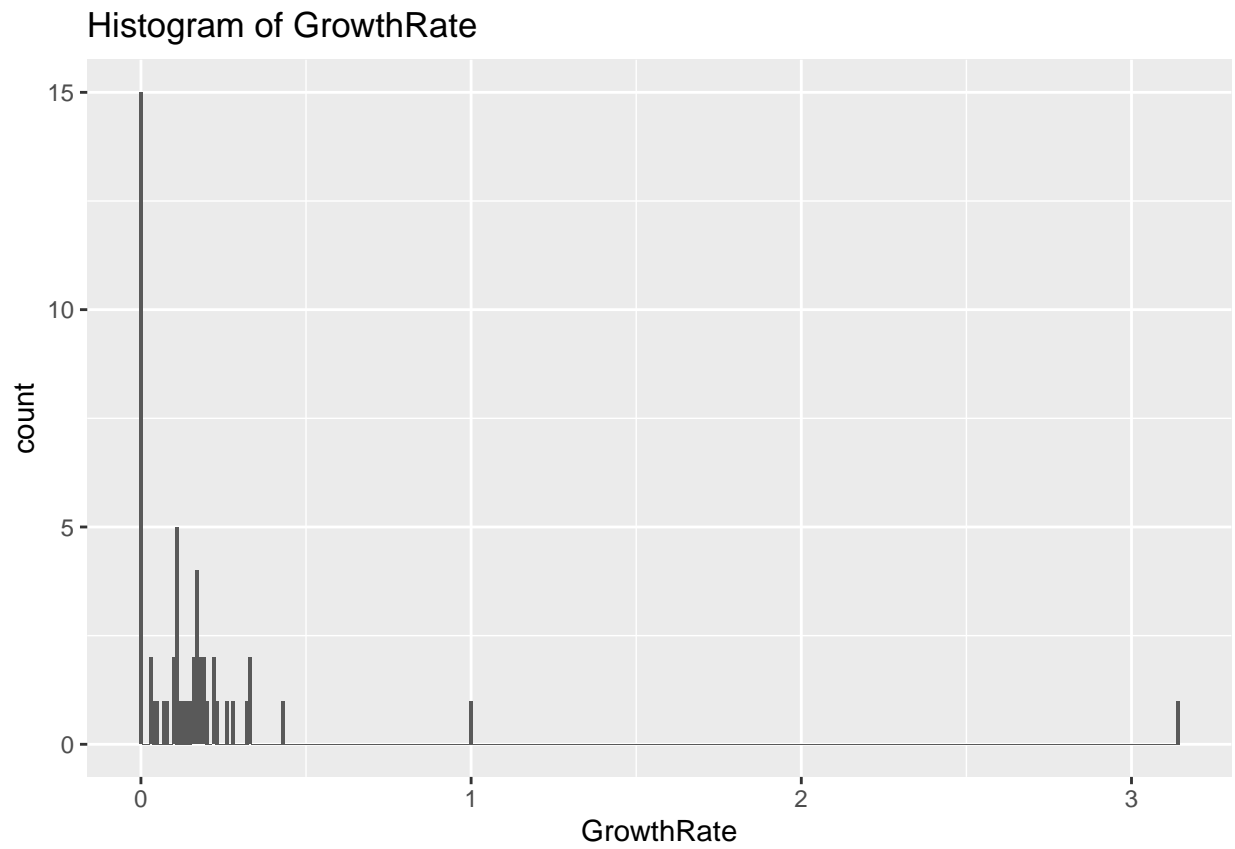
India: Daily Cases

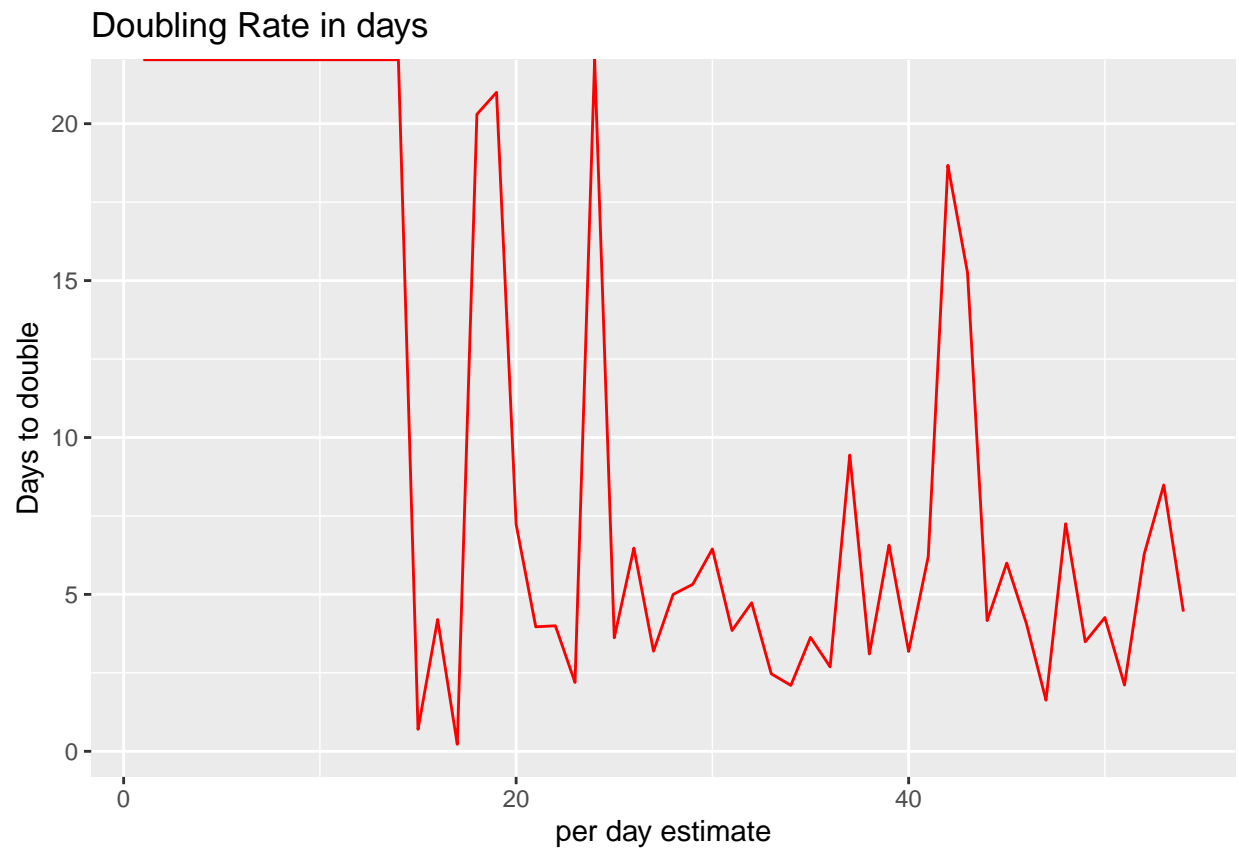


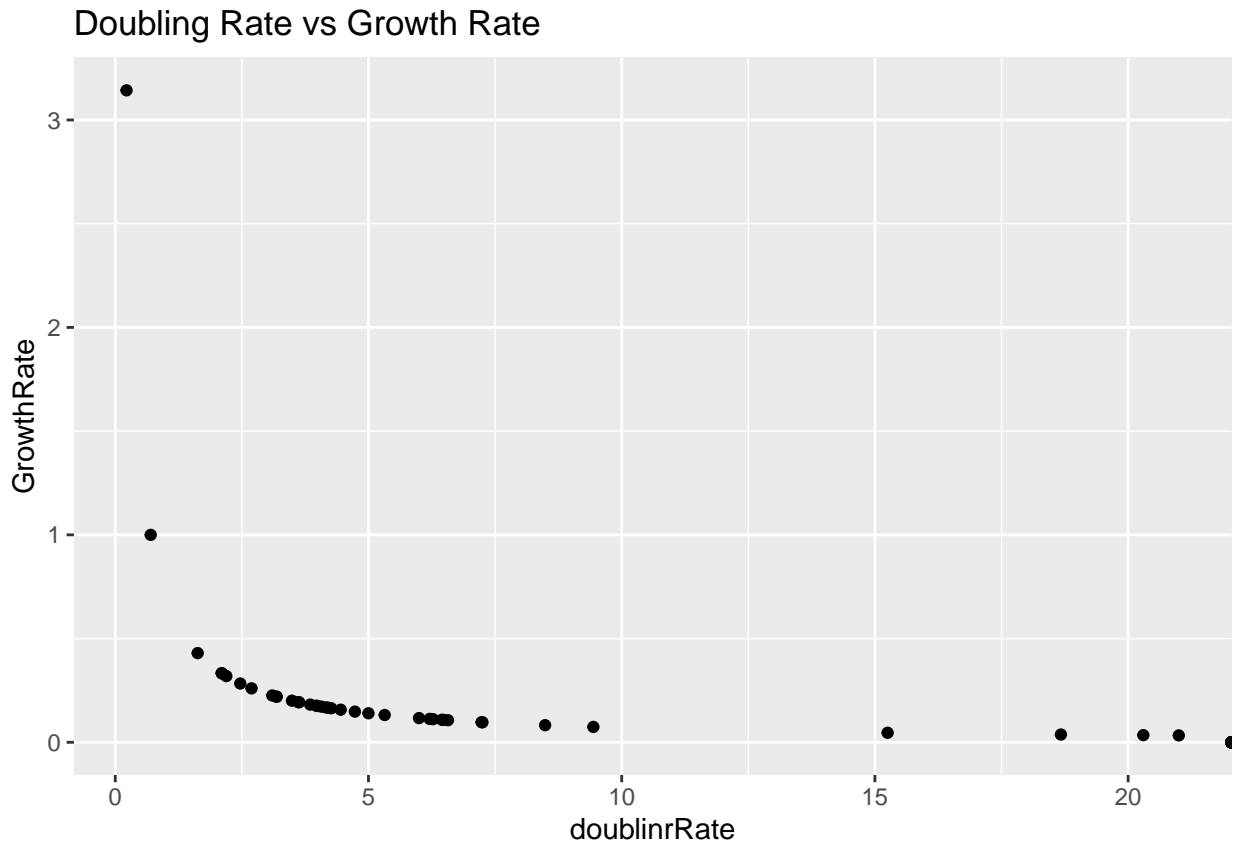
US: Rate of change in Growth Rate

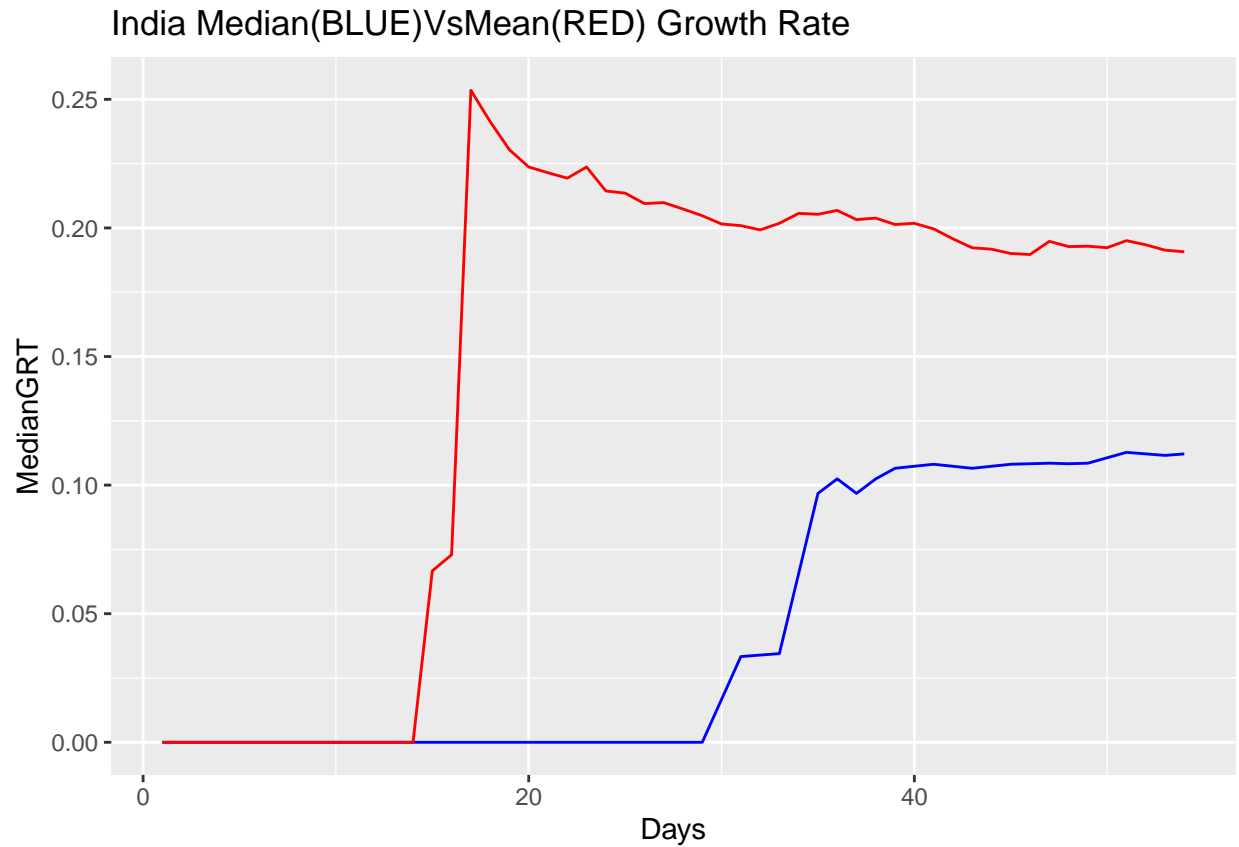












Results:

- Tomorrow's predicted case number is between **7699.1492433** and **7921.8762385** cases.
- Current doubling rate is **4 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 **15.7244738** percent.
- Mean Growth Rate: **19.0722417** percent.
- Median Growth Rate: **11.2146261** percent.
- Standard deviation: +/- **43.9401895**.