

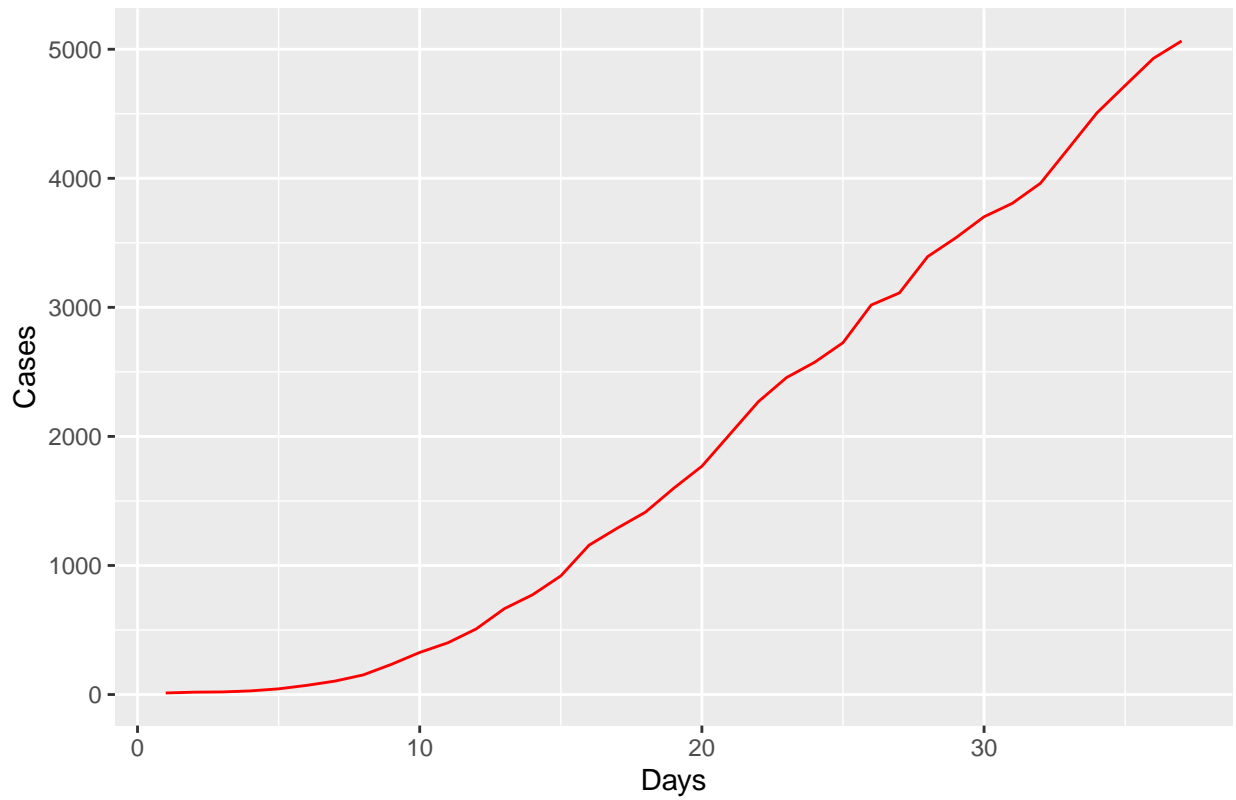
Arizona/US/India Corona Trends- 20th April 2020 with tomorrow's prediction

Whitchurch Muthumani

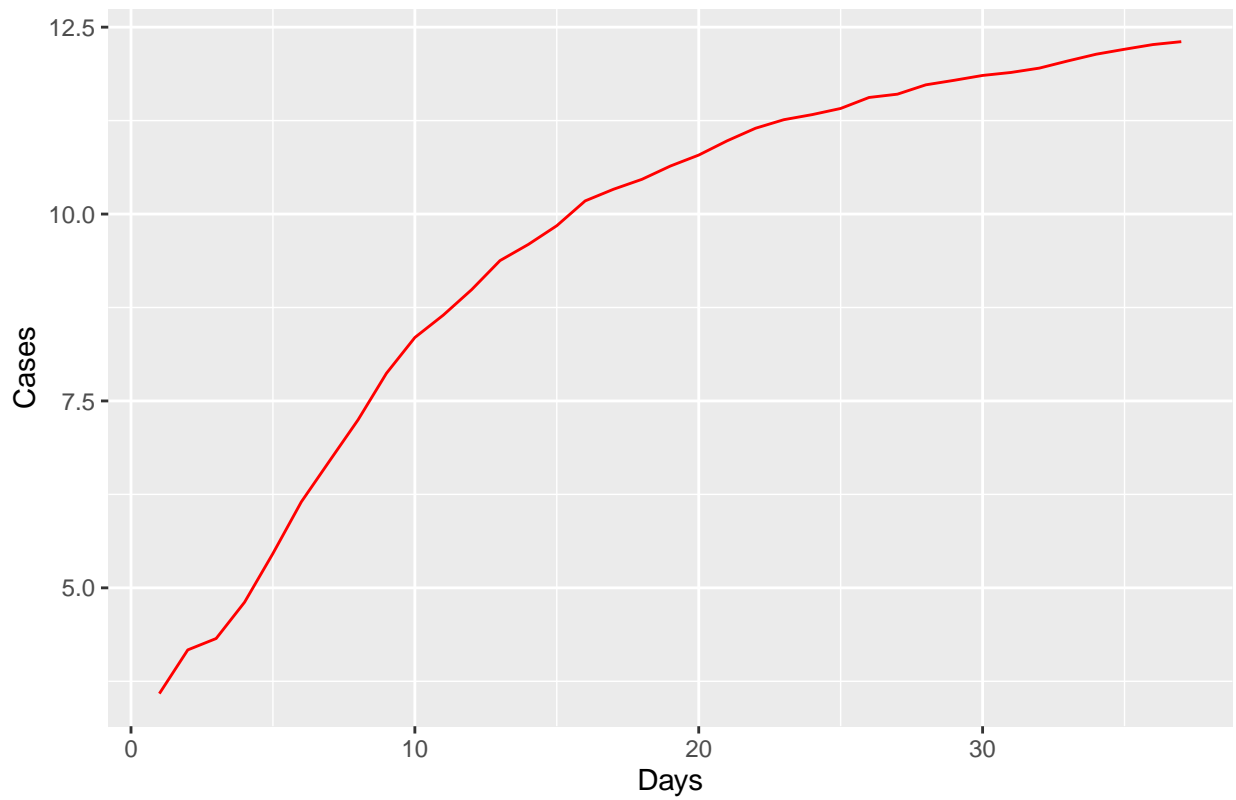
4/20/2020

Arizona Corona Dashboard

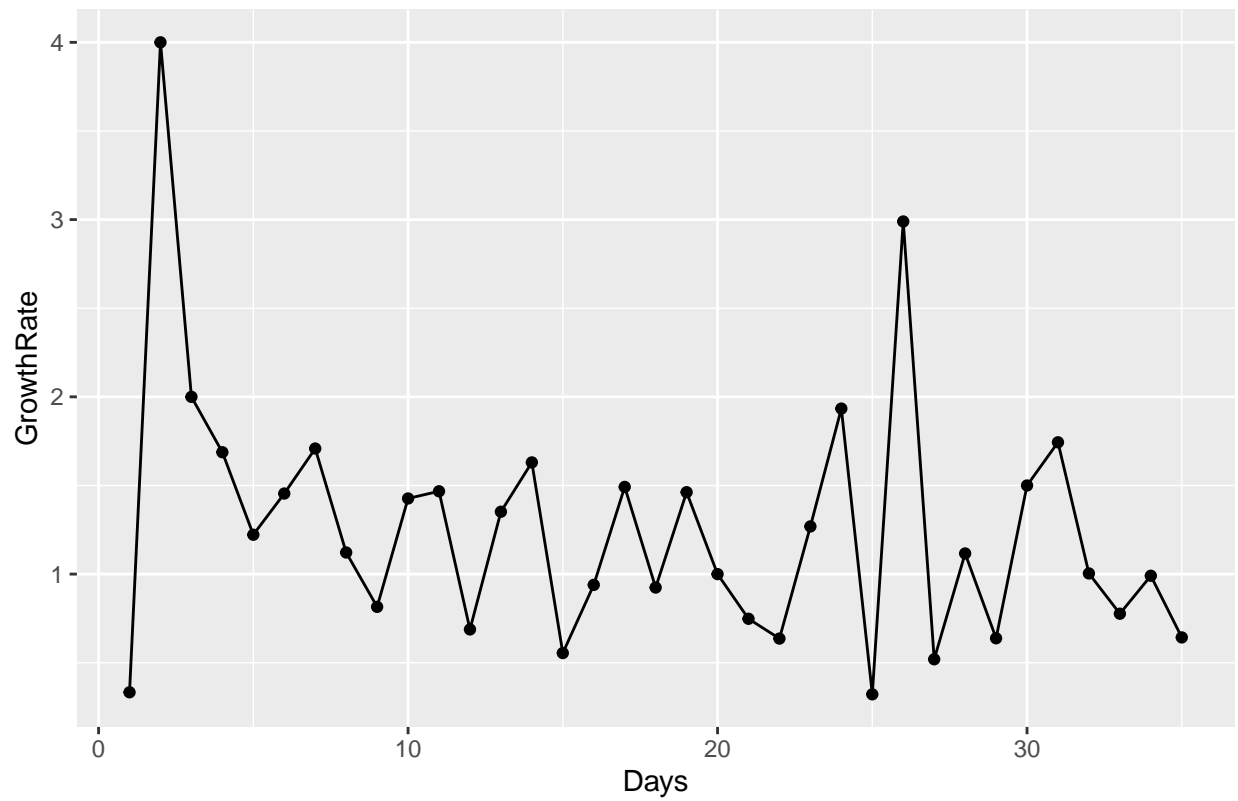
Arizona: Daily Cases



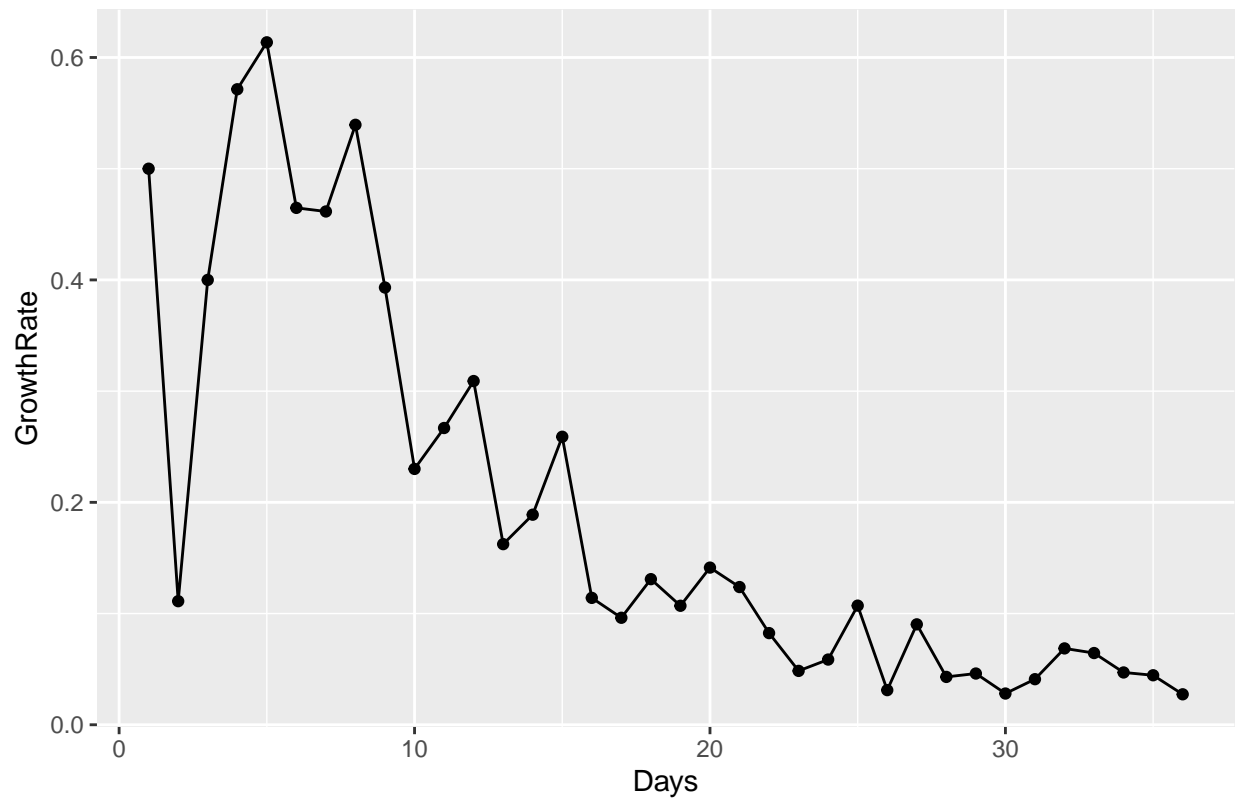
Arizona: Daily Cases

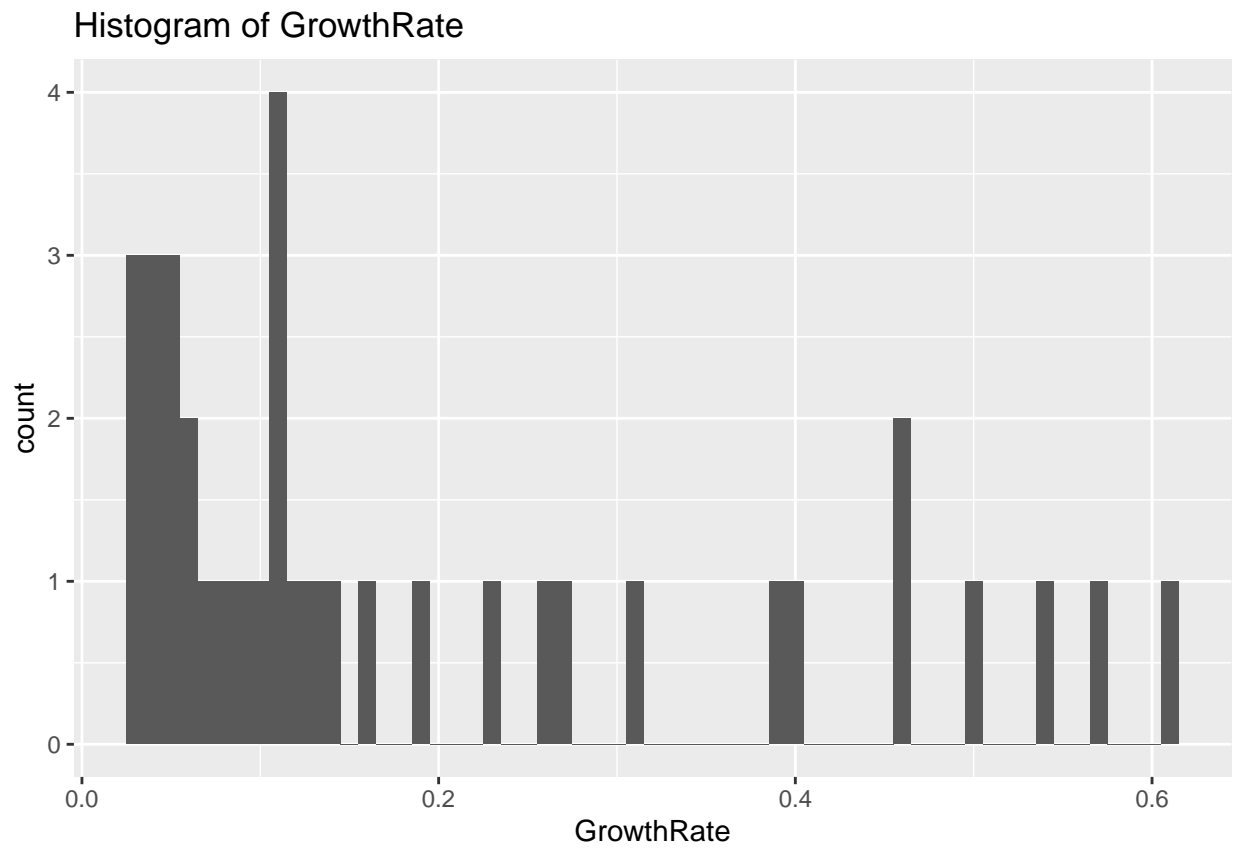


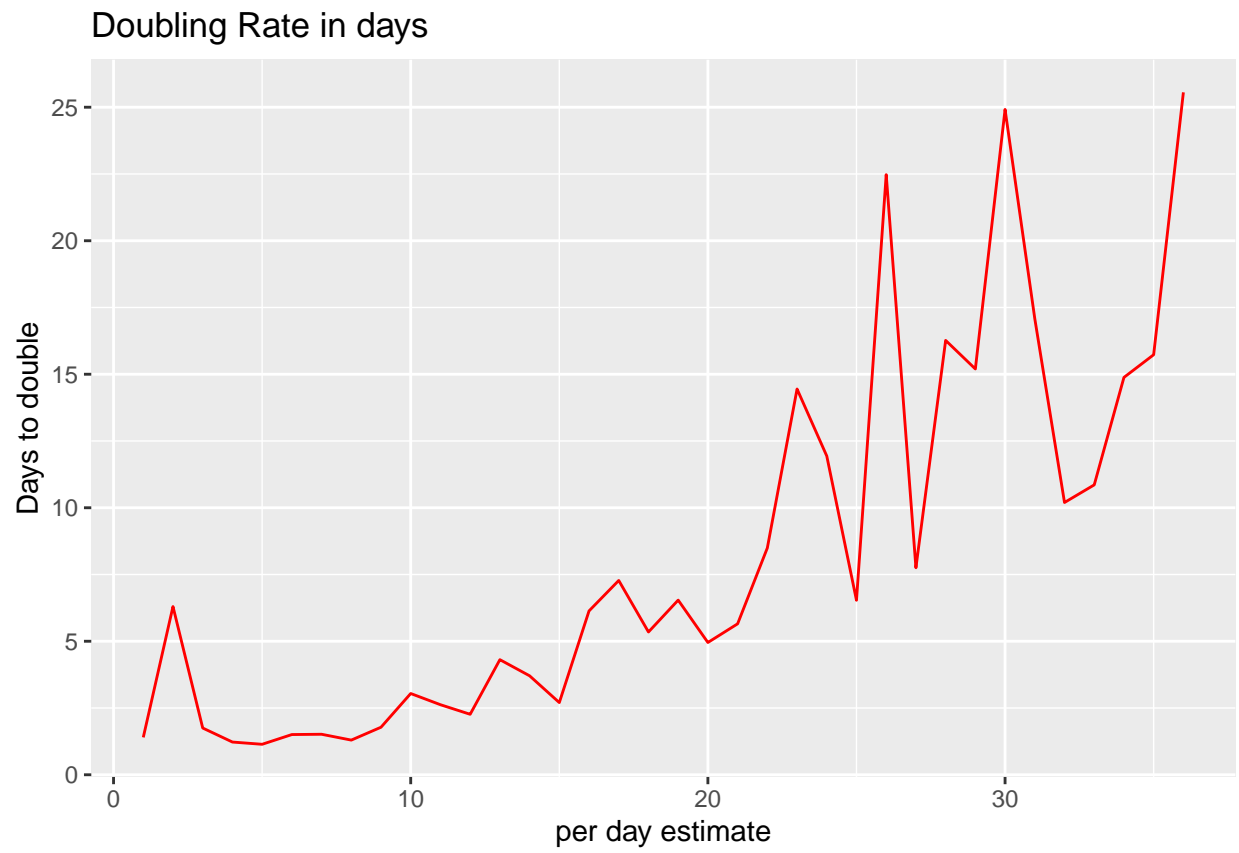
Arizona: Rate of change in Growth Rate

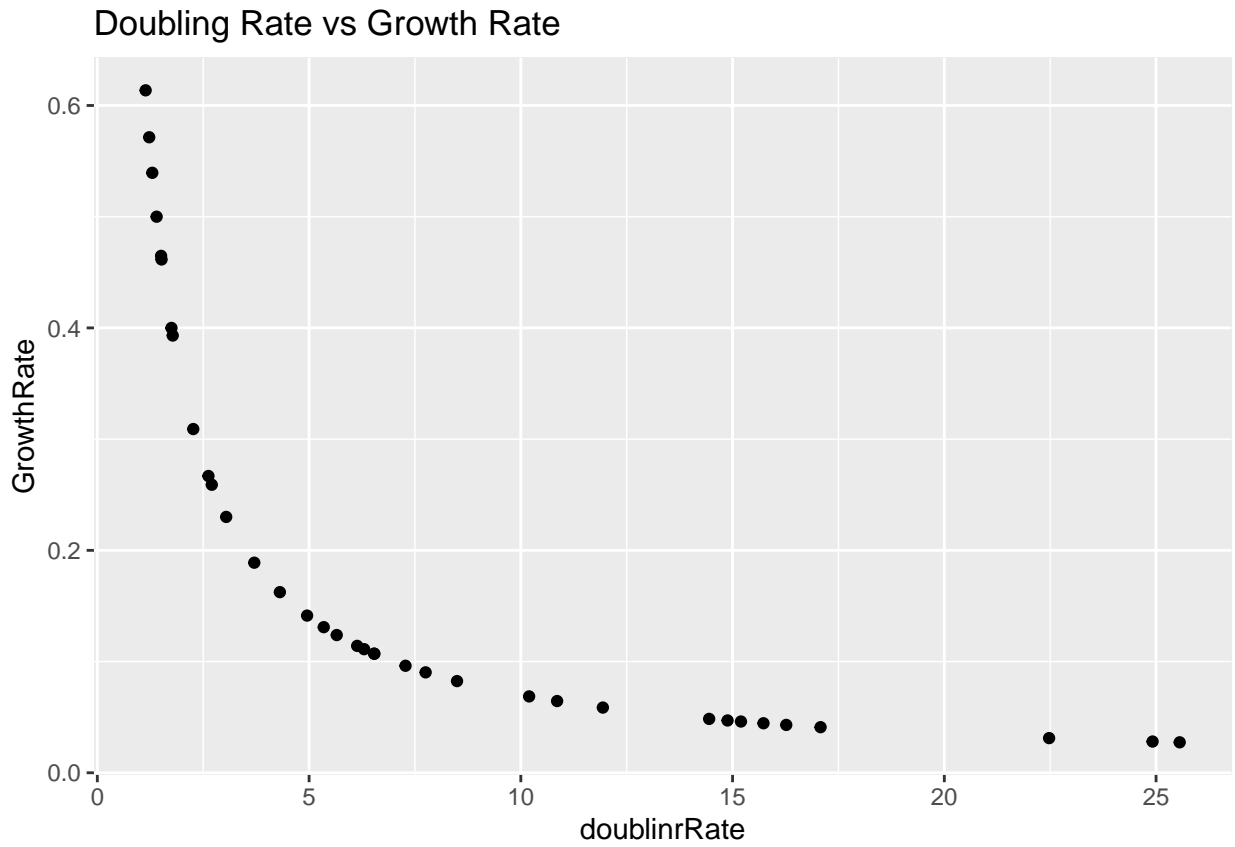


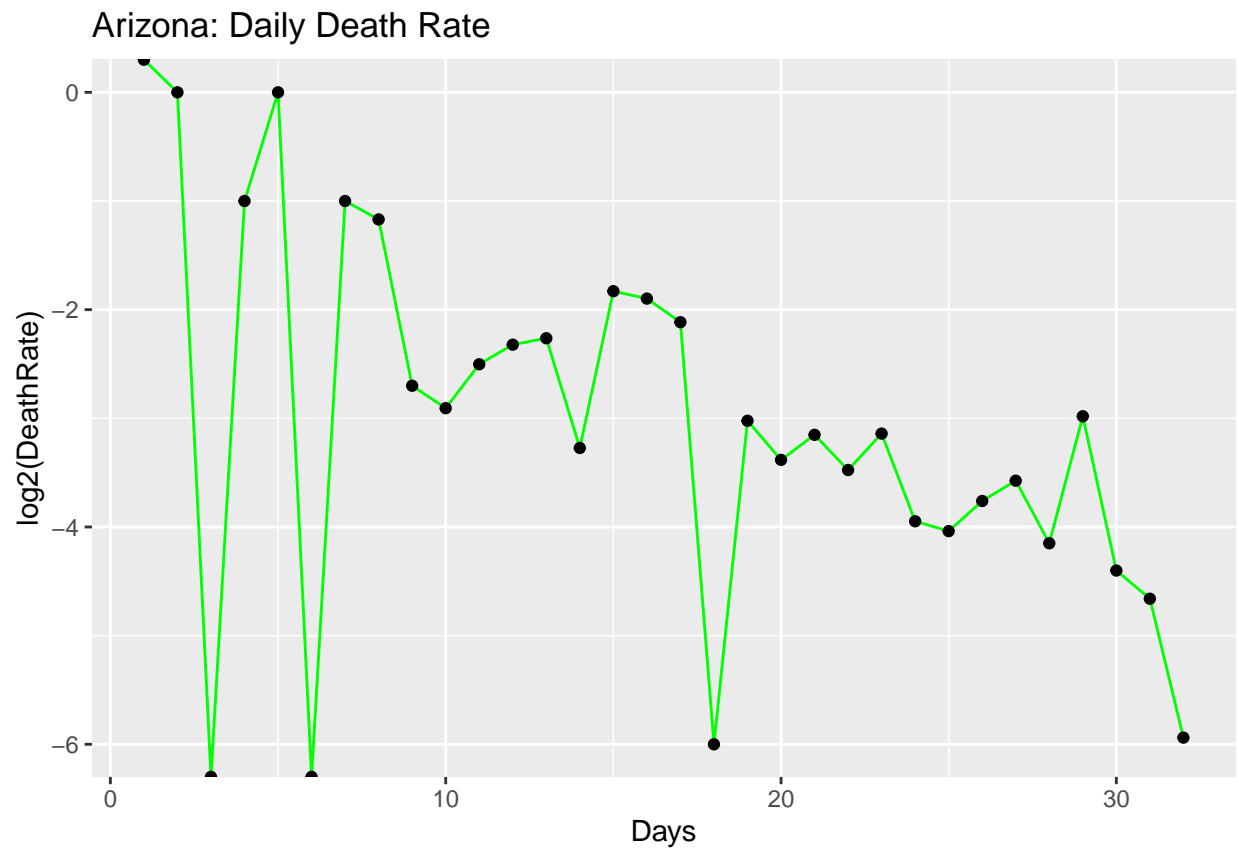
Arizona: Growth Rate

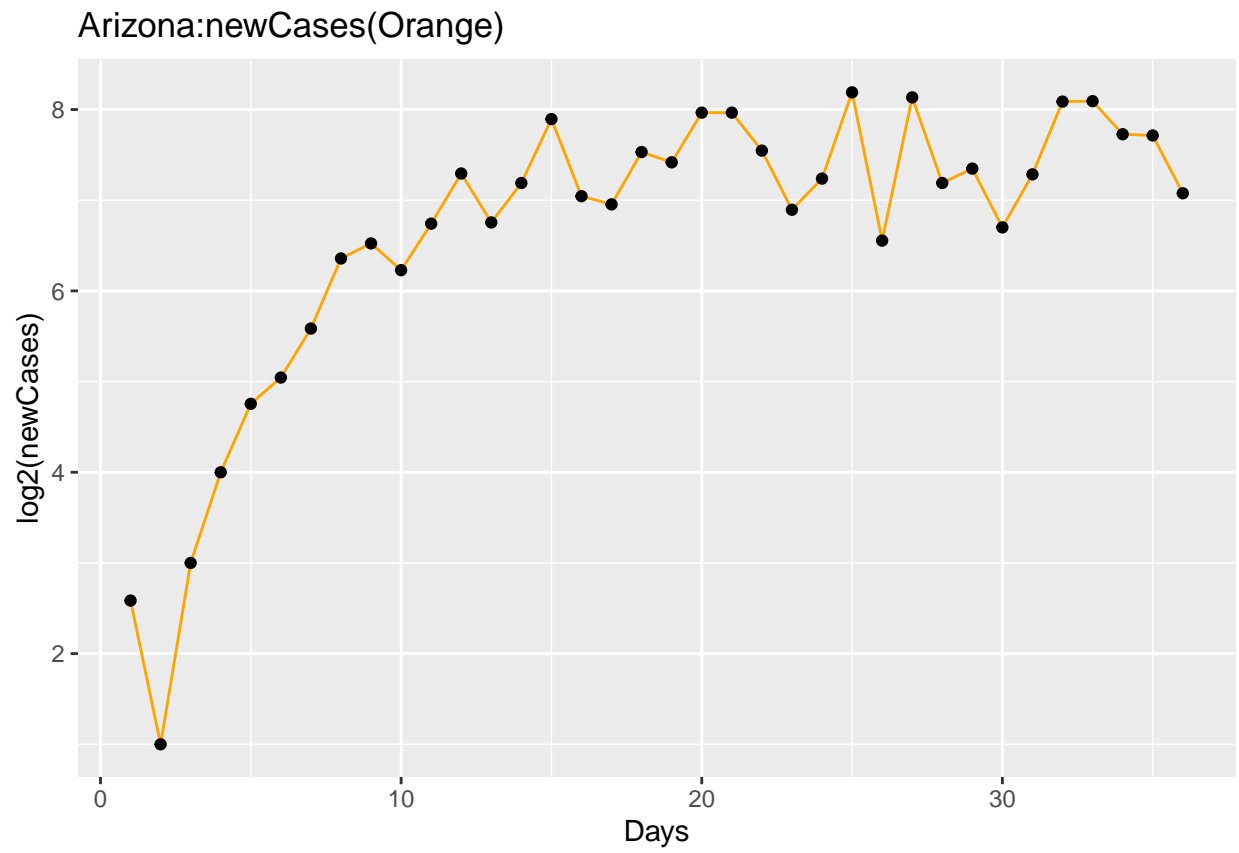




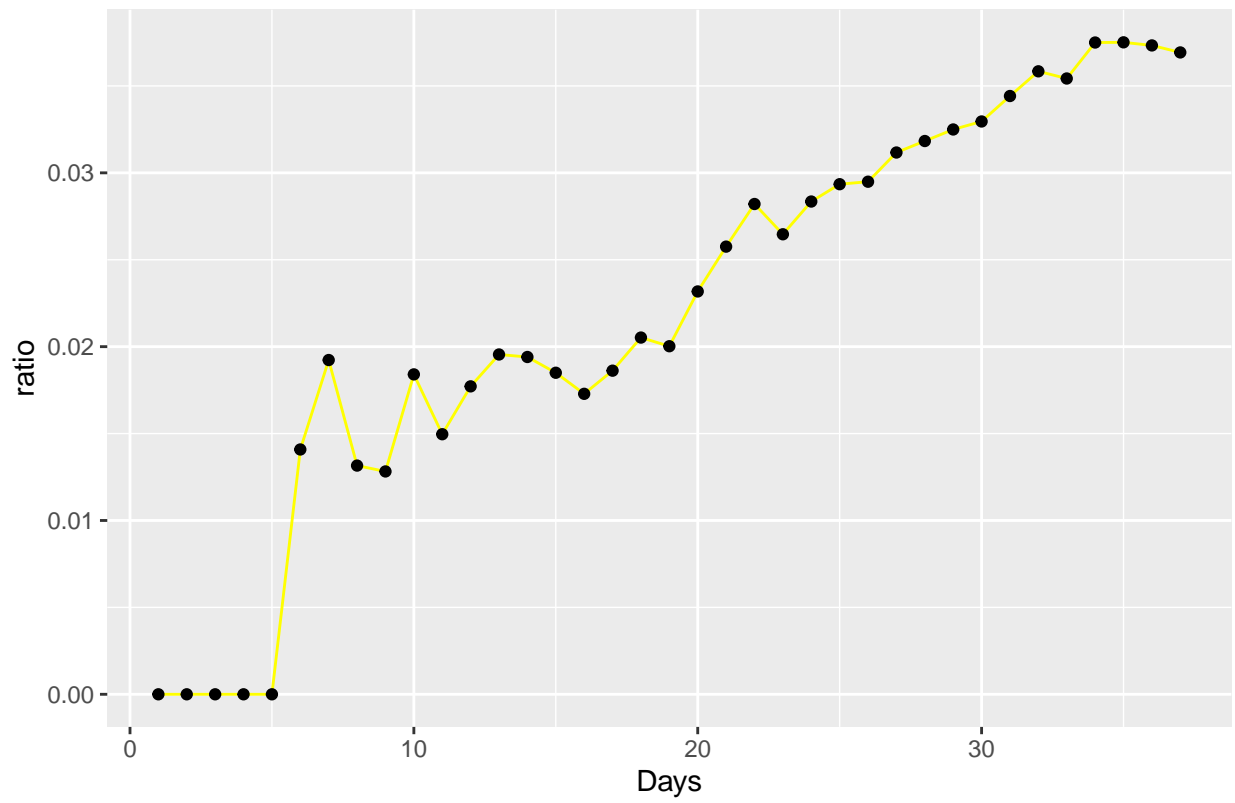


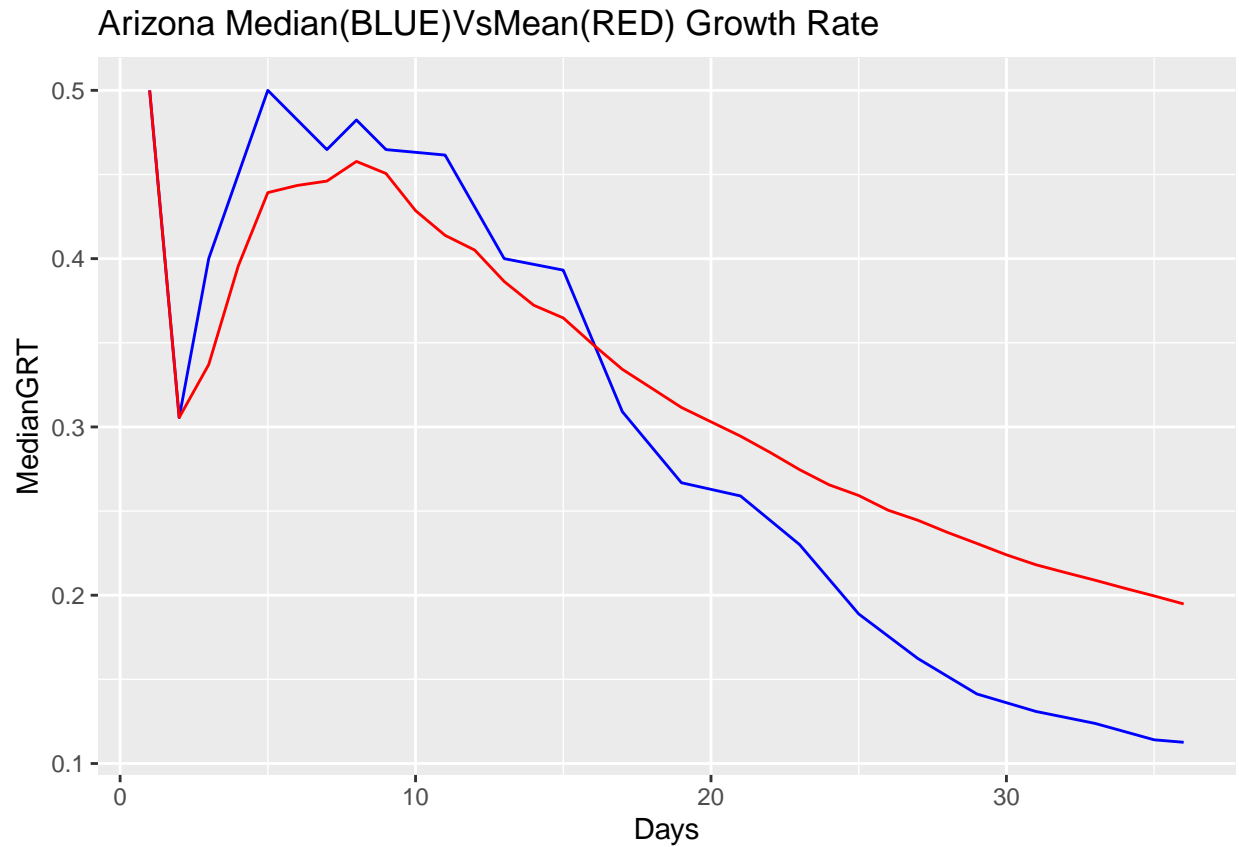






Arizona: TotalDeaths/TotalCases



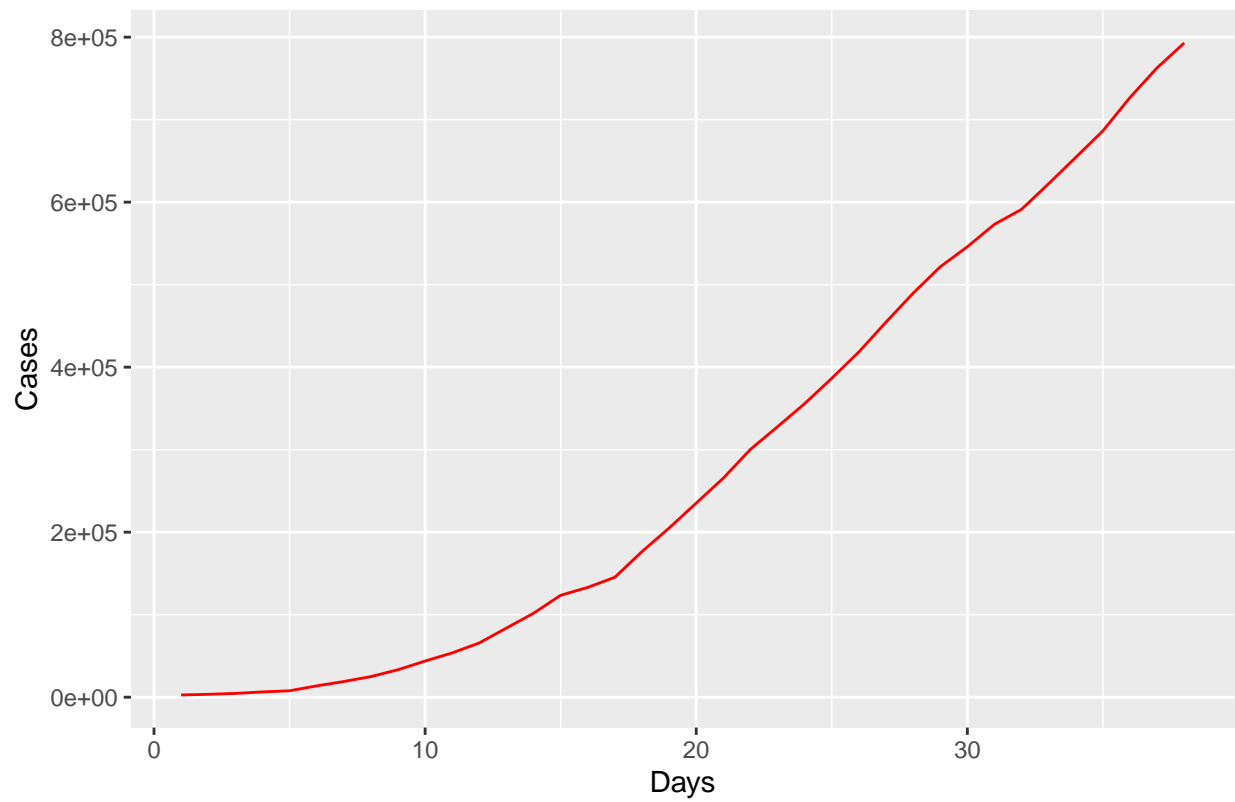


Results:

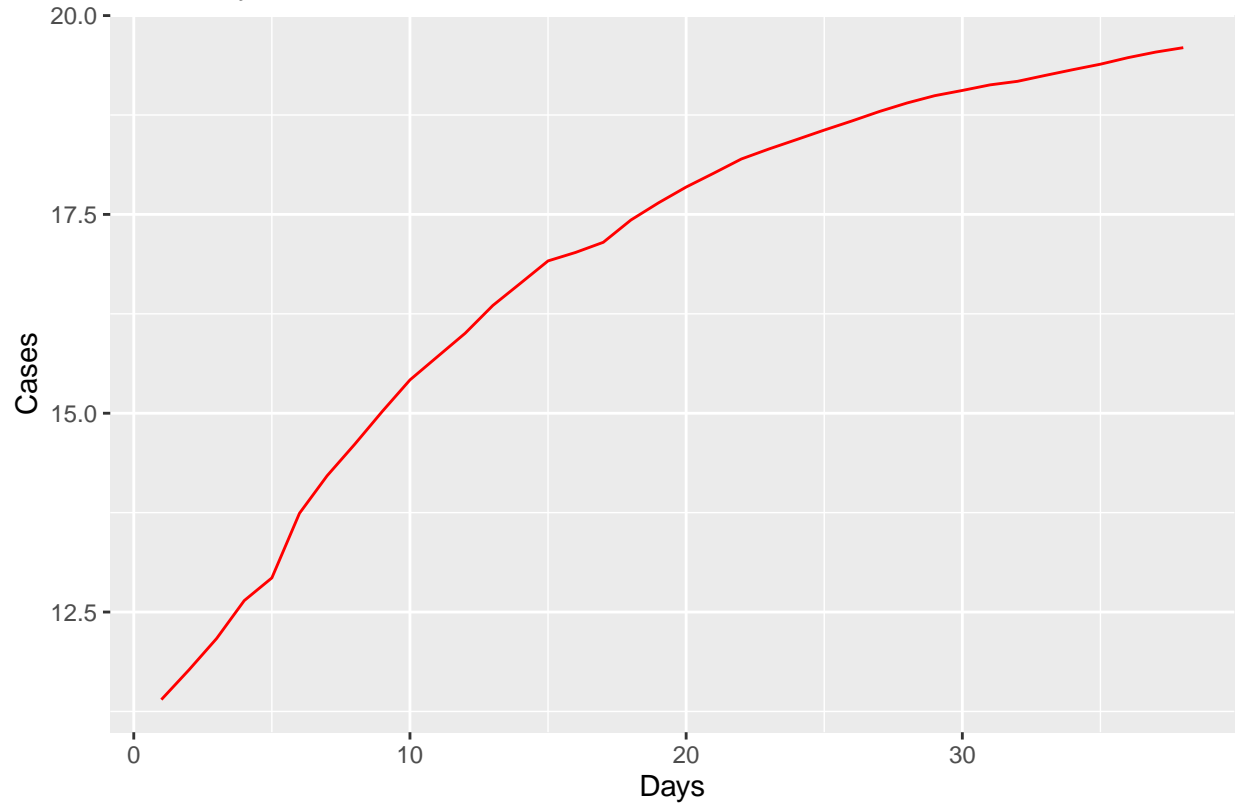
- Tomorrows predicted case number is between **5202.6975046** and **6050.496708** cases.
- Current doubling rate is **26 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **6 days**.
- Latest Observed Growth Rate **2.7388923** percent.
- Mean Growth Rate: **19.4805827** percent.
- Median Growth Rate: **11.2599635** percent.
- Standard deviation: +/- **17.9066339**.

US Corona Dashboard

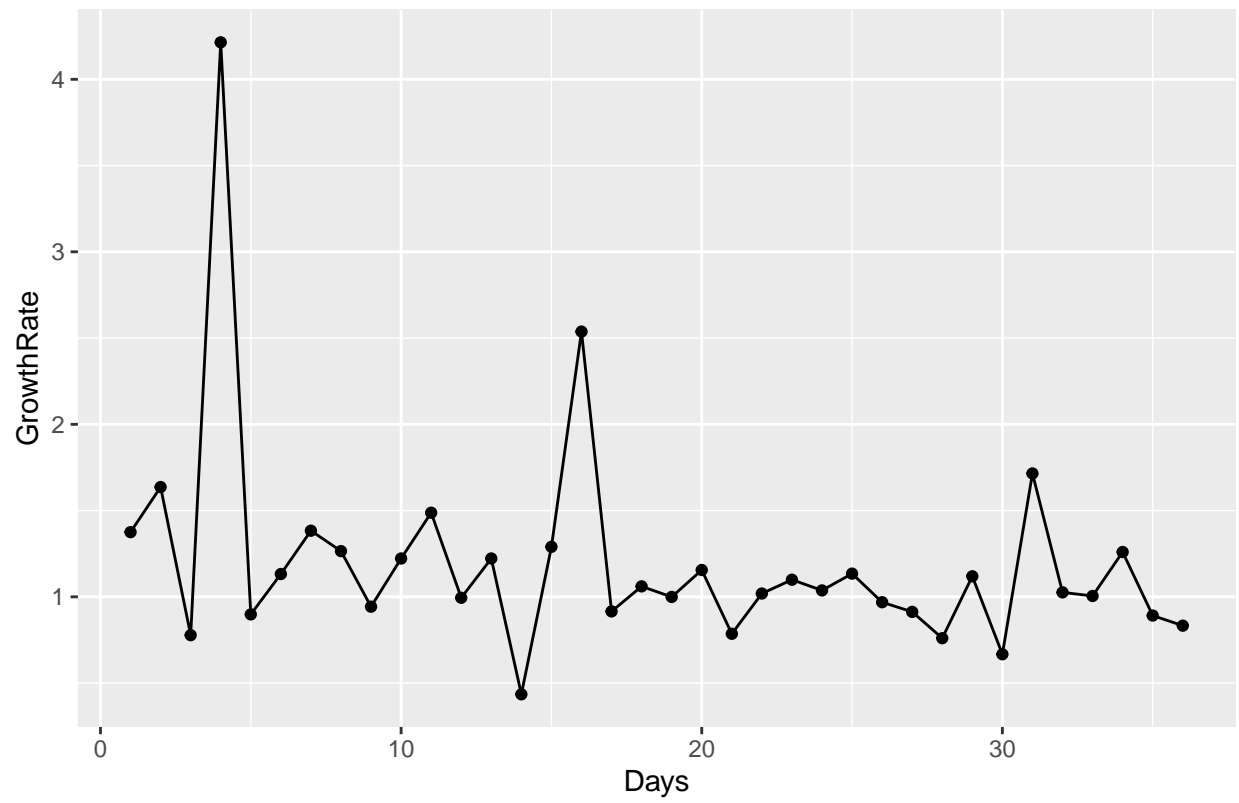
US: Daily Cases



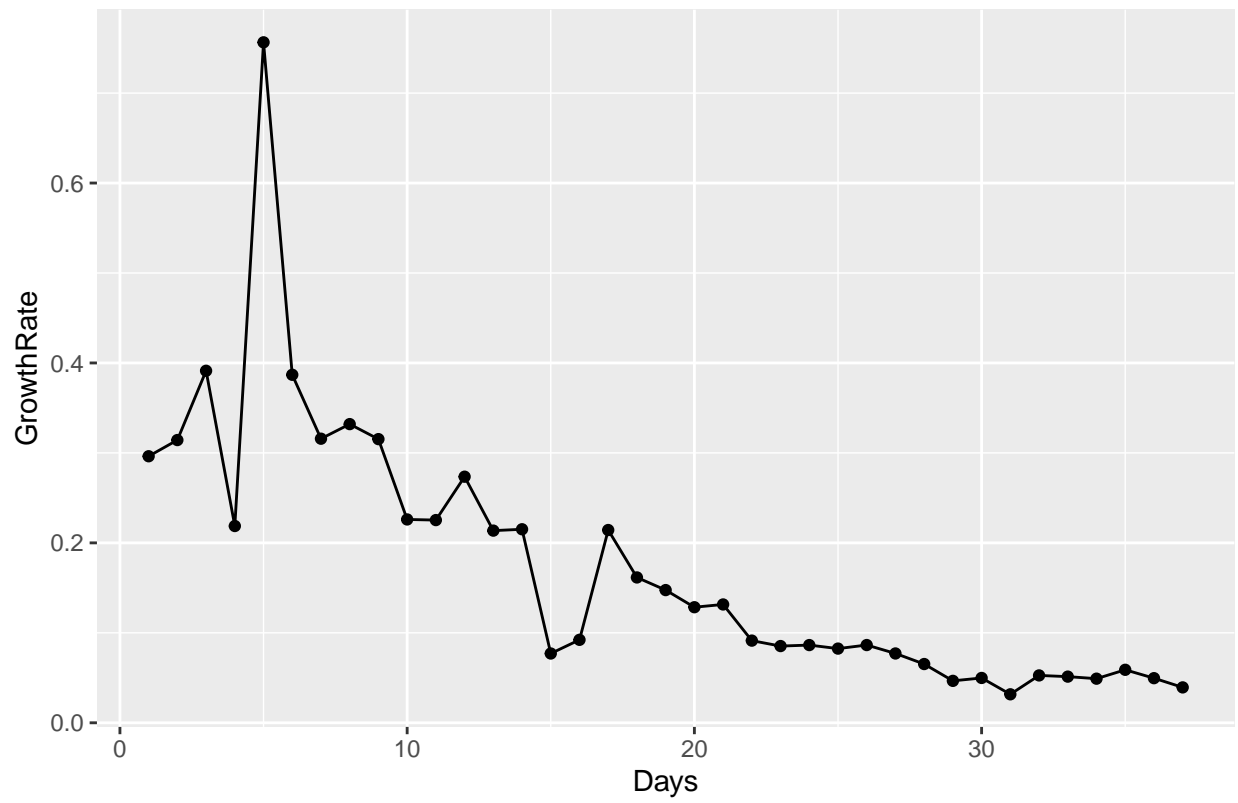
US: Daily Cases

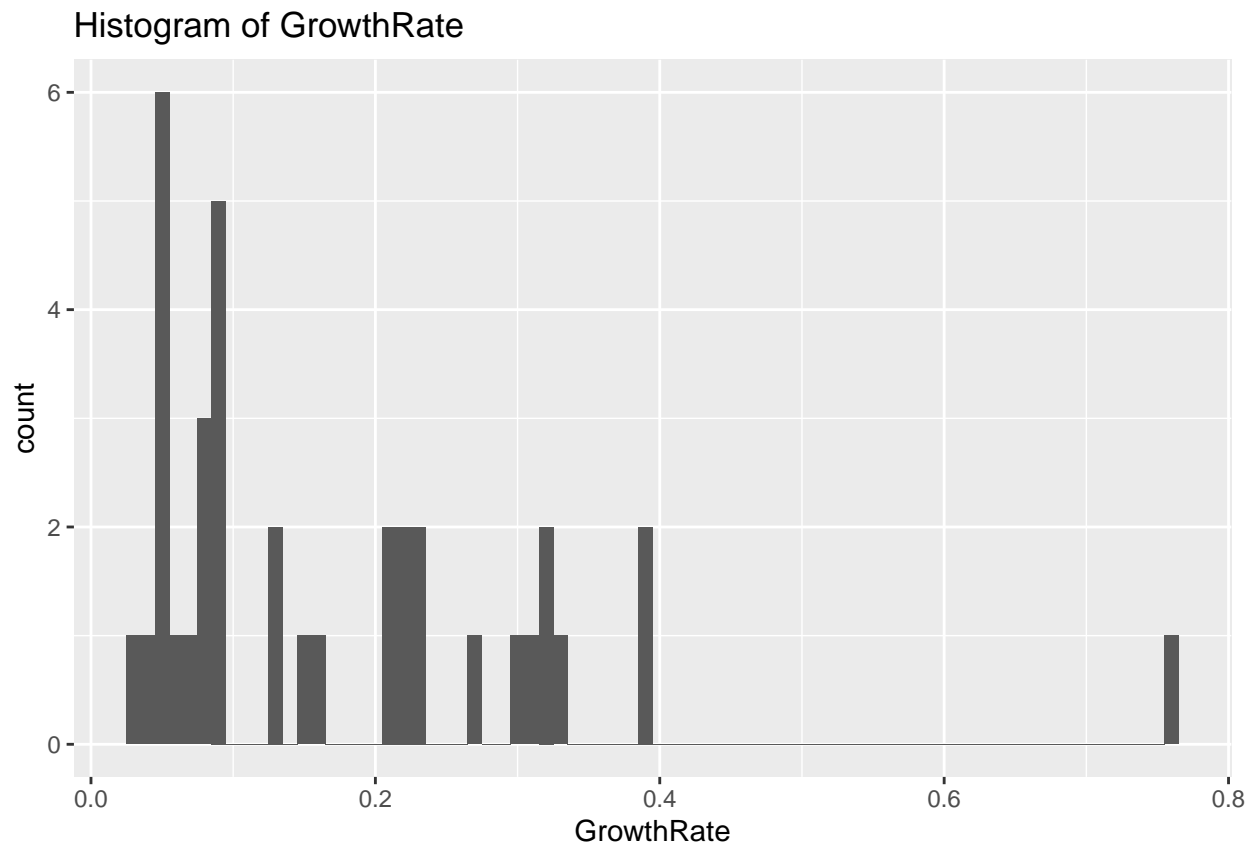


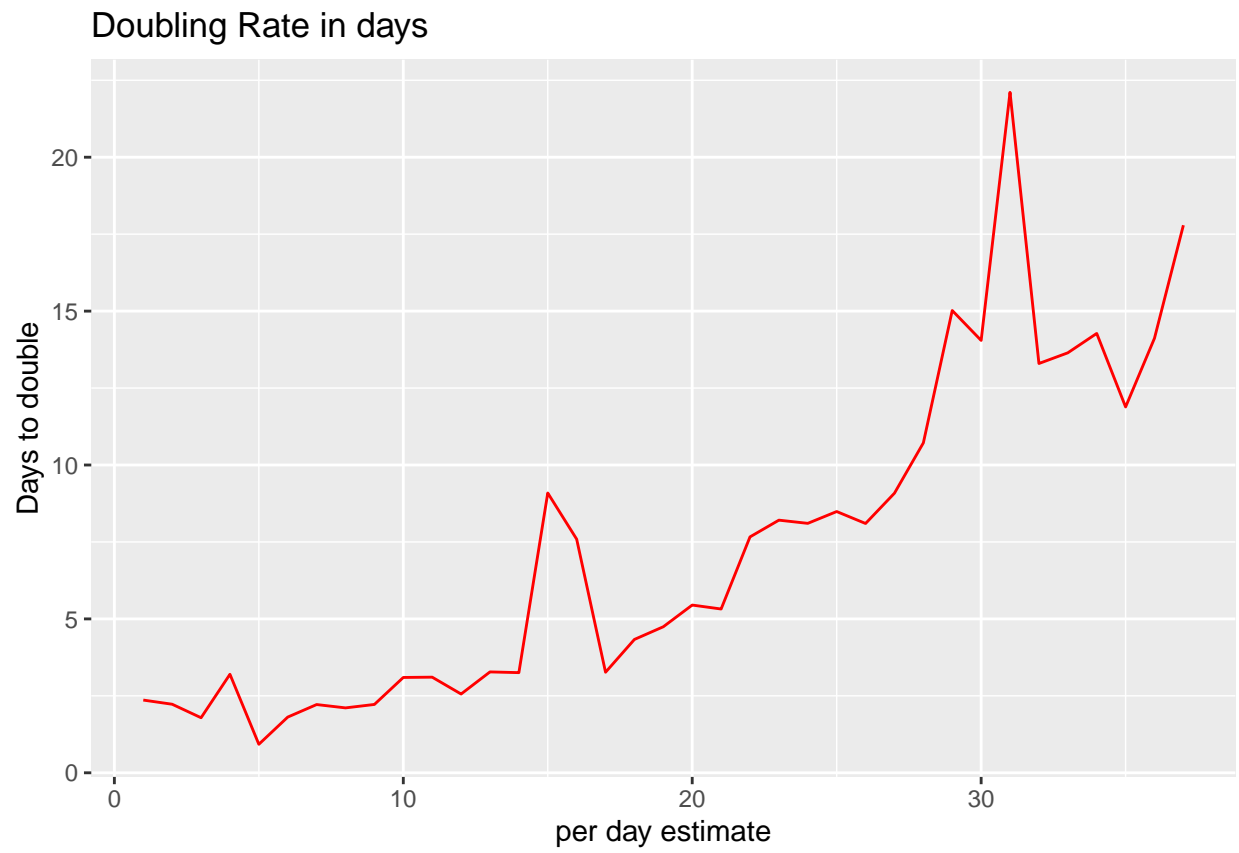
US: Rate of change in Growth Rate



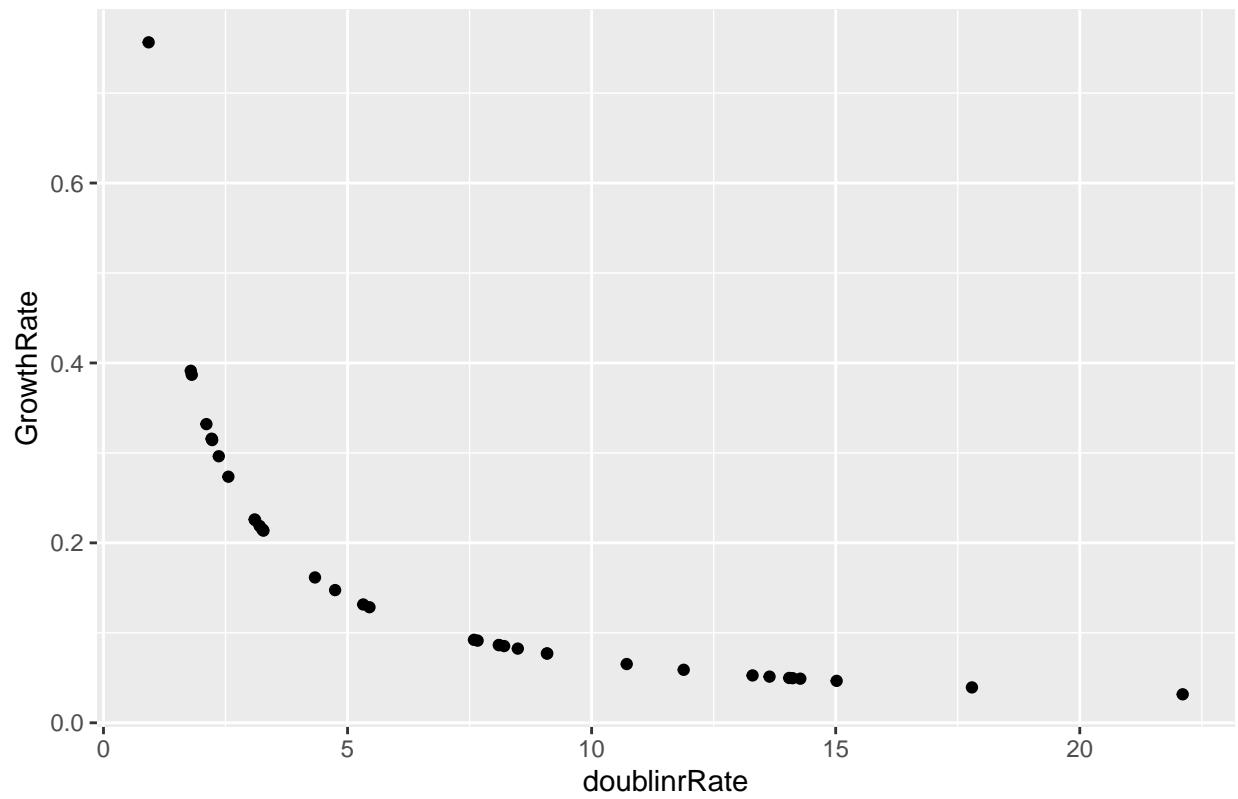
US: Growth Rate



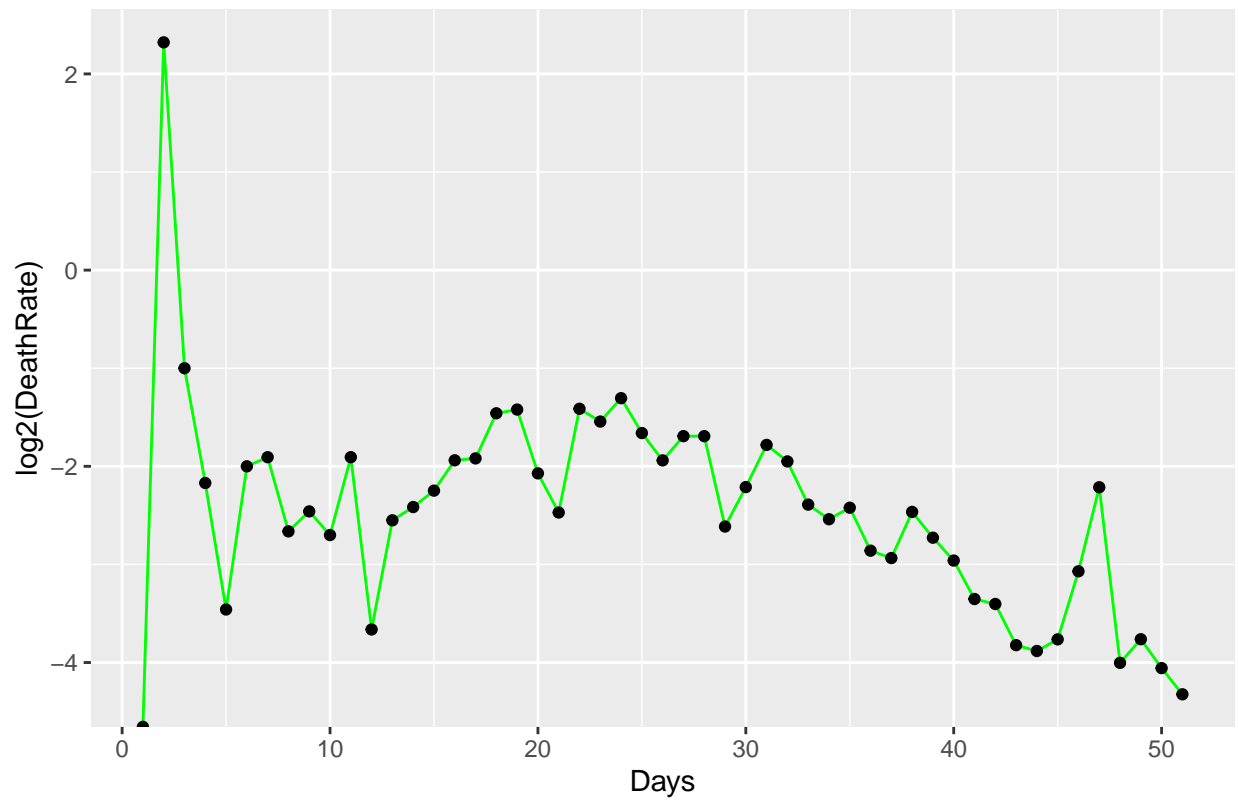


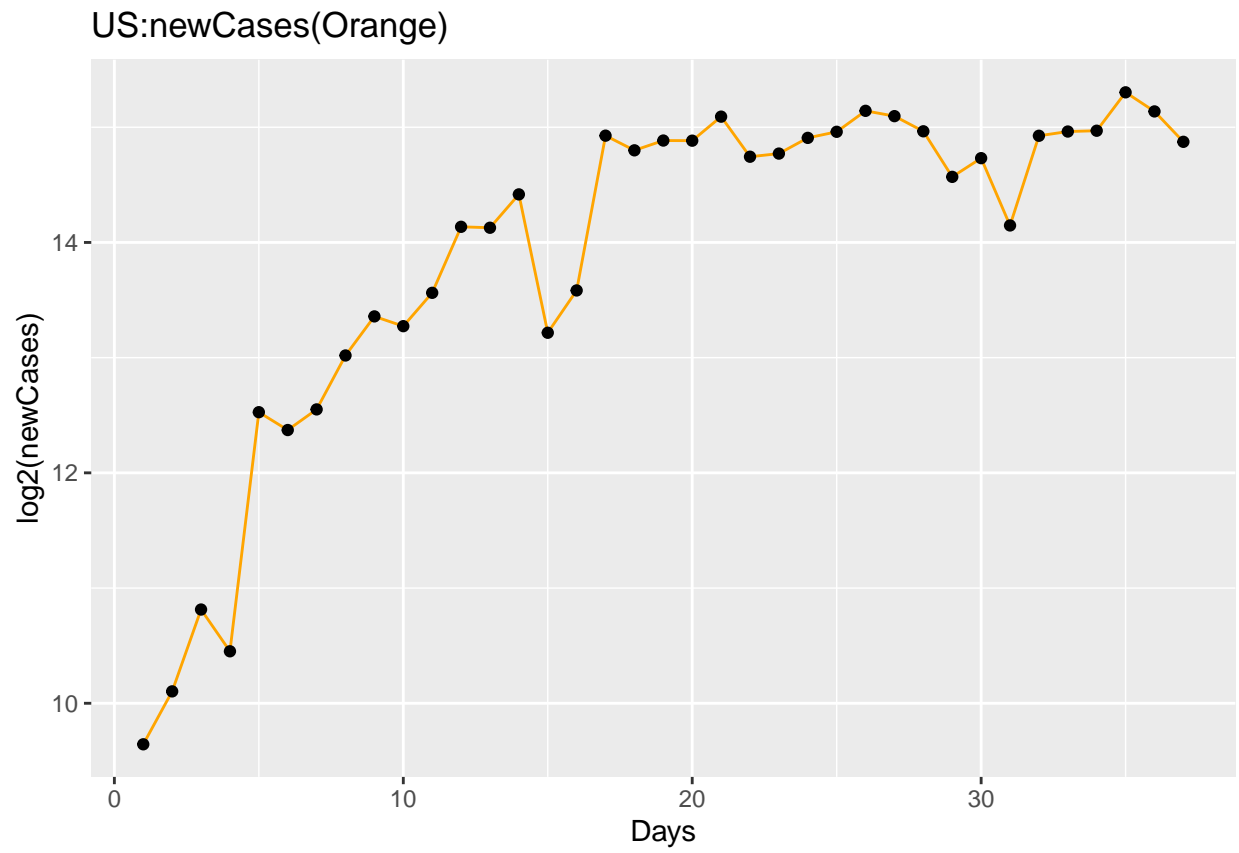


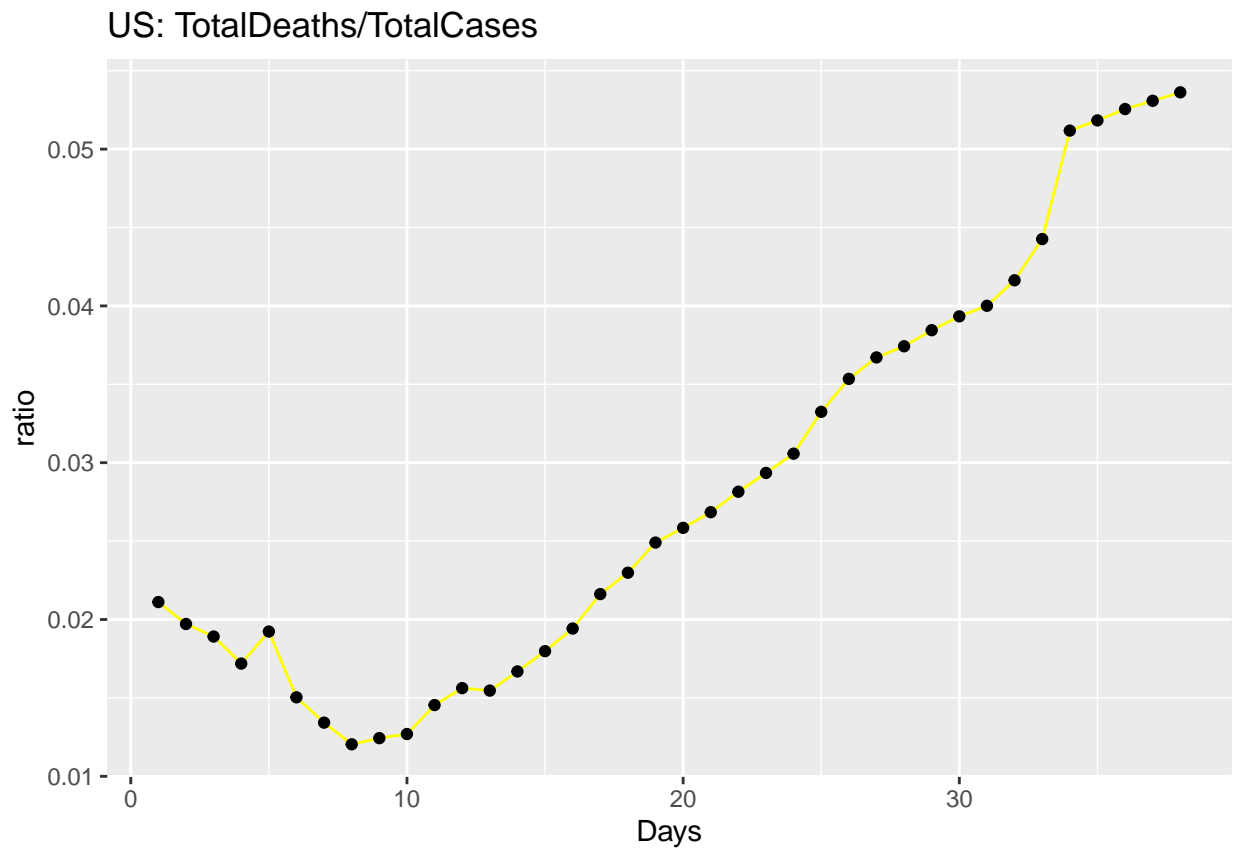
Doubling Rate vs Growth Rate

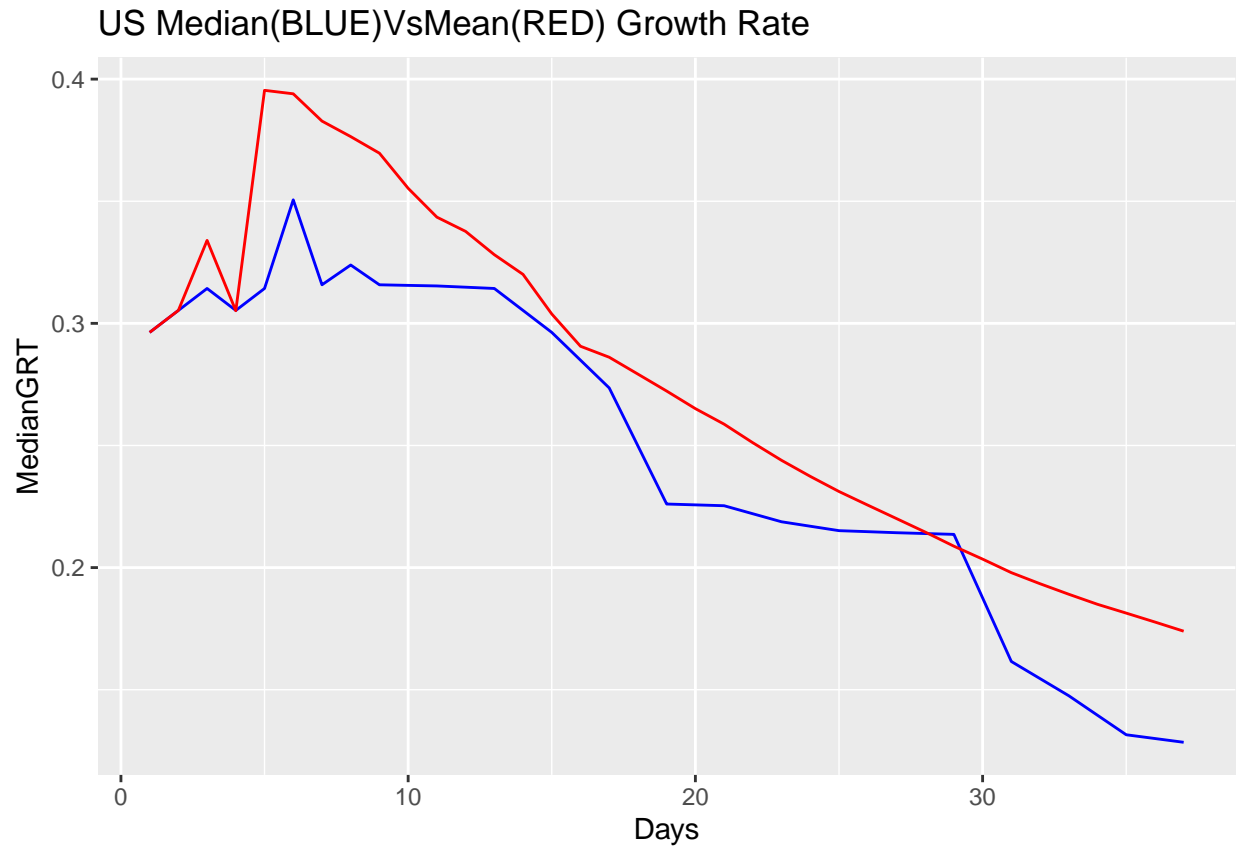


US: Daily Death Rate







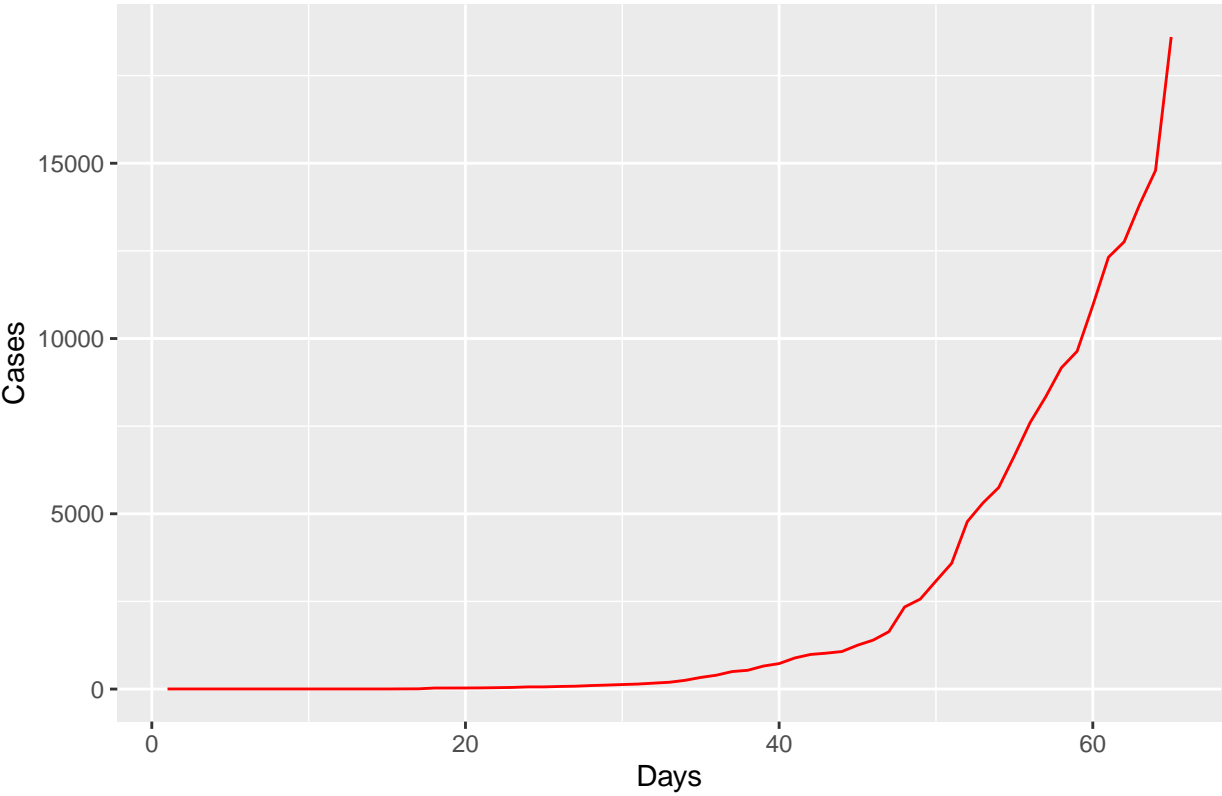


Results:

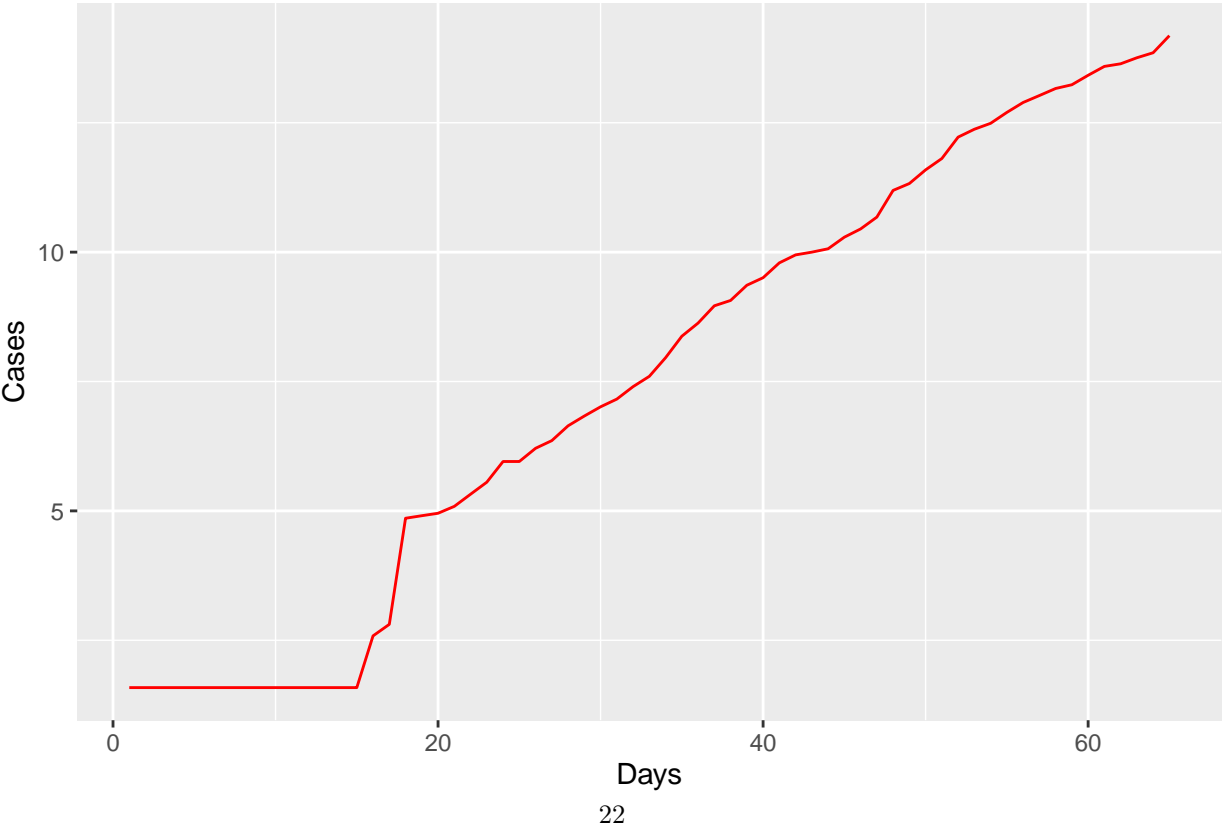
- Tomorrows predicted case number is between 8.2411105×10^5 and 9.3084539×10^5 cases.
- Current doubling rate is **18 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **5 days**.
- Latest Observed Growth Rate **3.9346123** percent.
- Mean Growth Rate: **17.3956524** percent.
- Median Growth Rate: **12.8463412** percent.
- Standard deviation: +/- **14.7024081**.

India Corona Dashboard

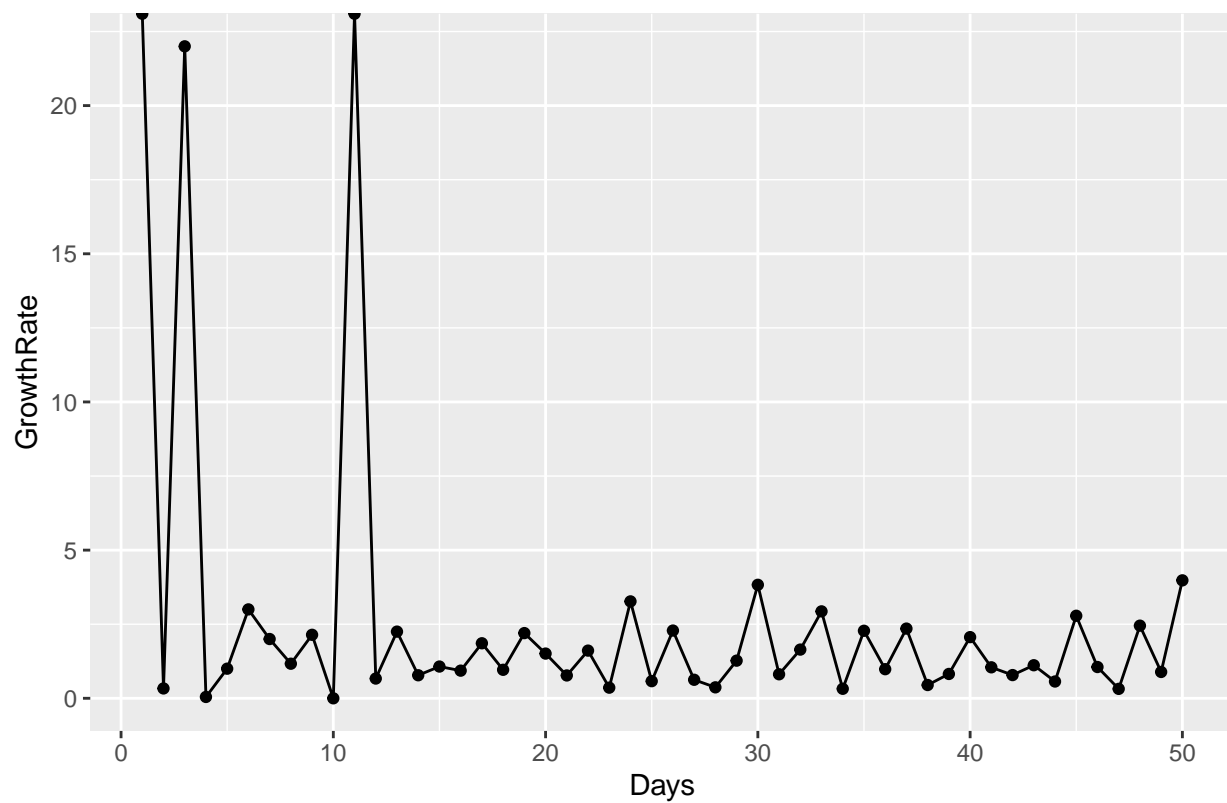
India: Daily Cases

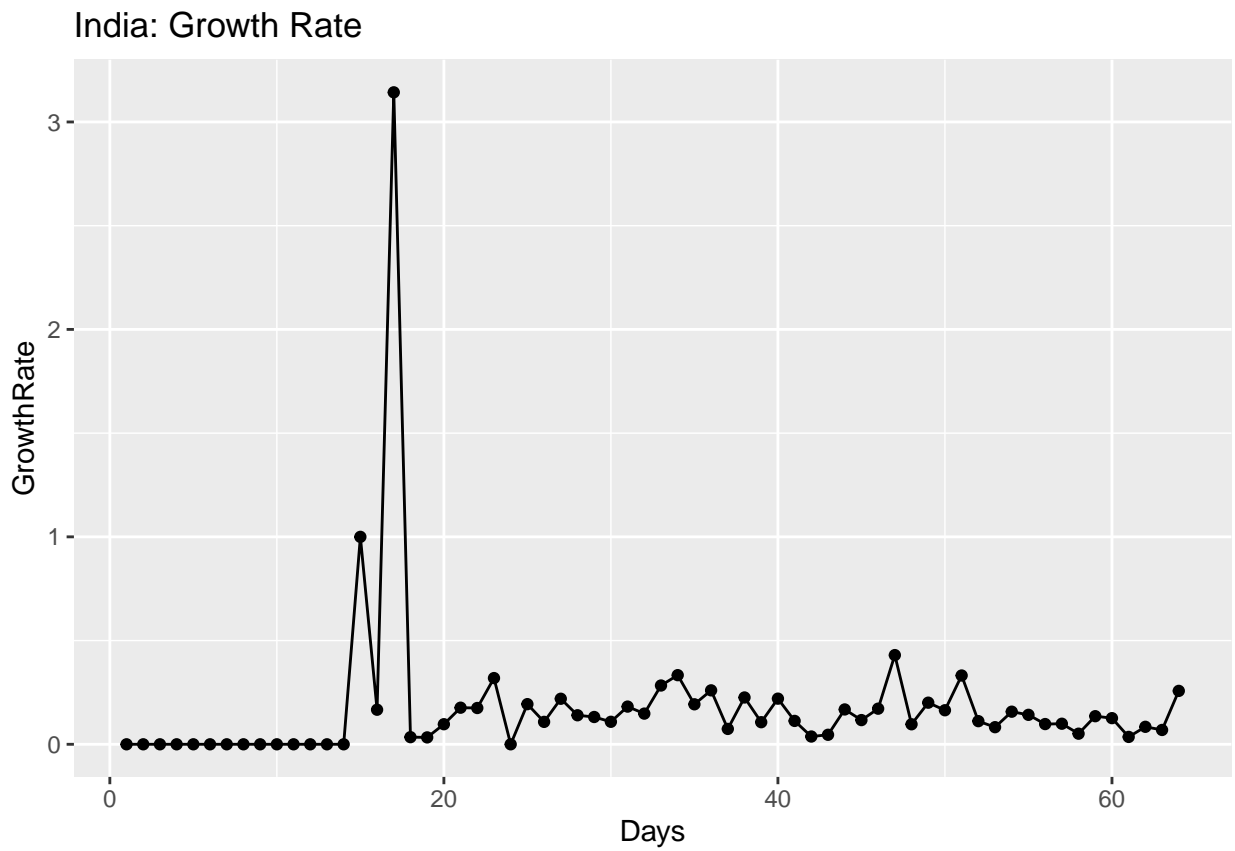


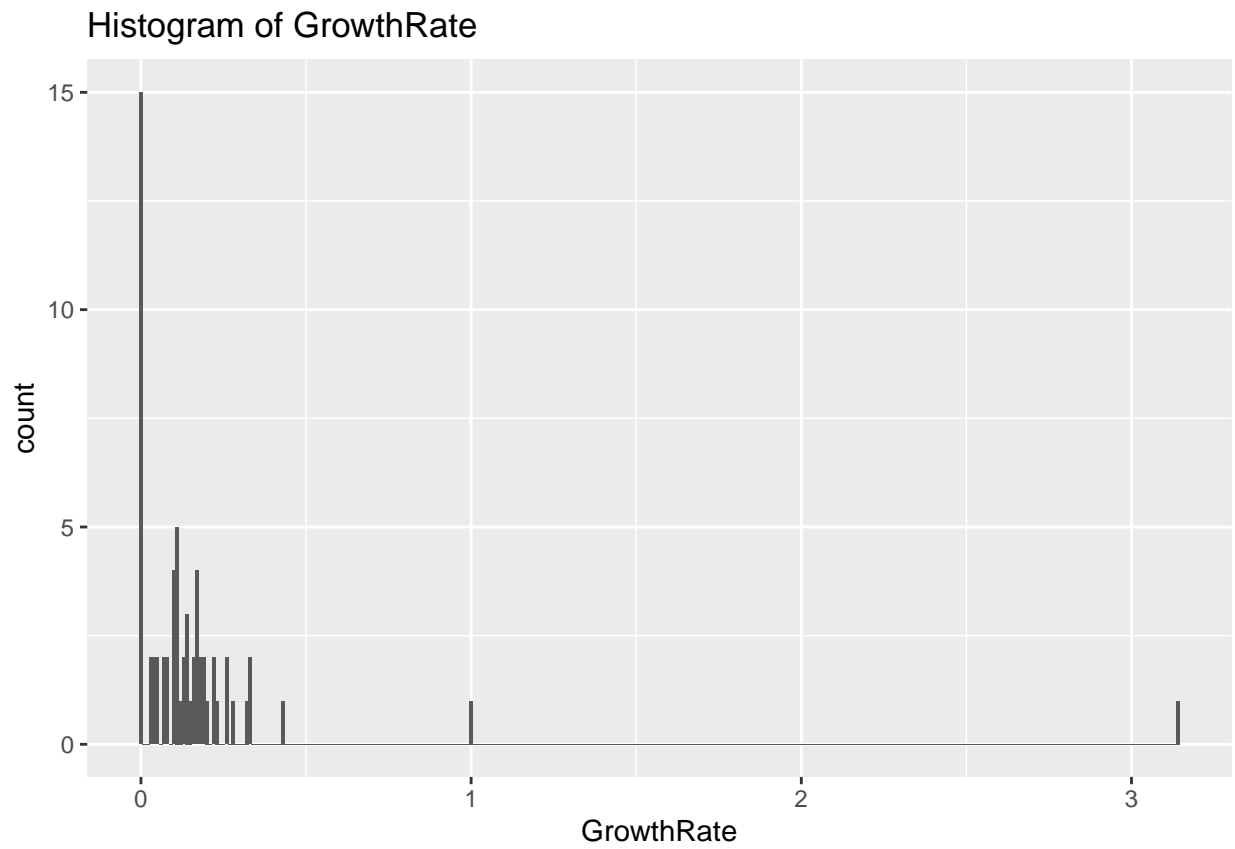
India: Daily Cases

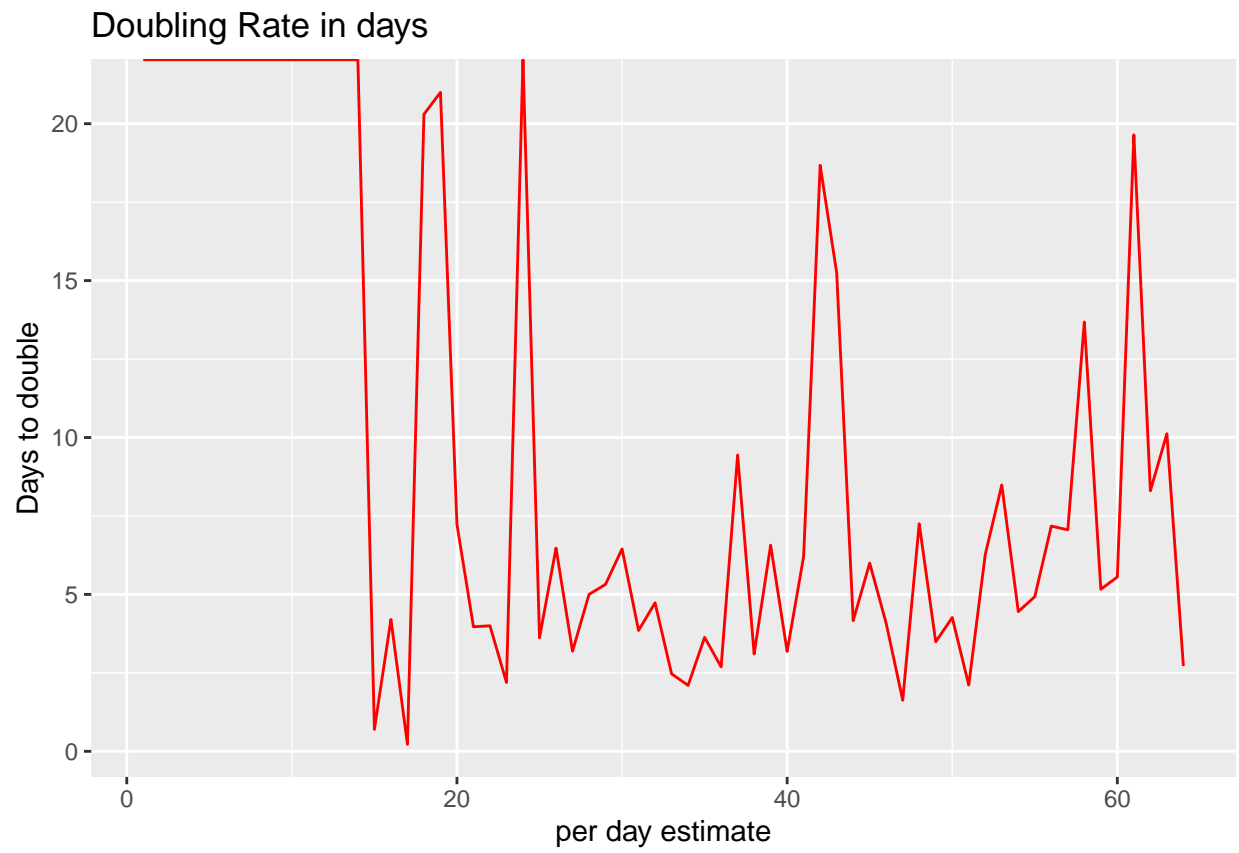


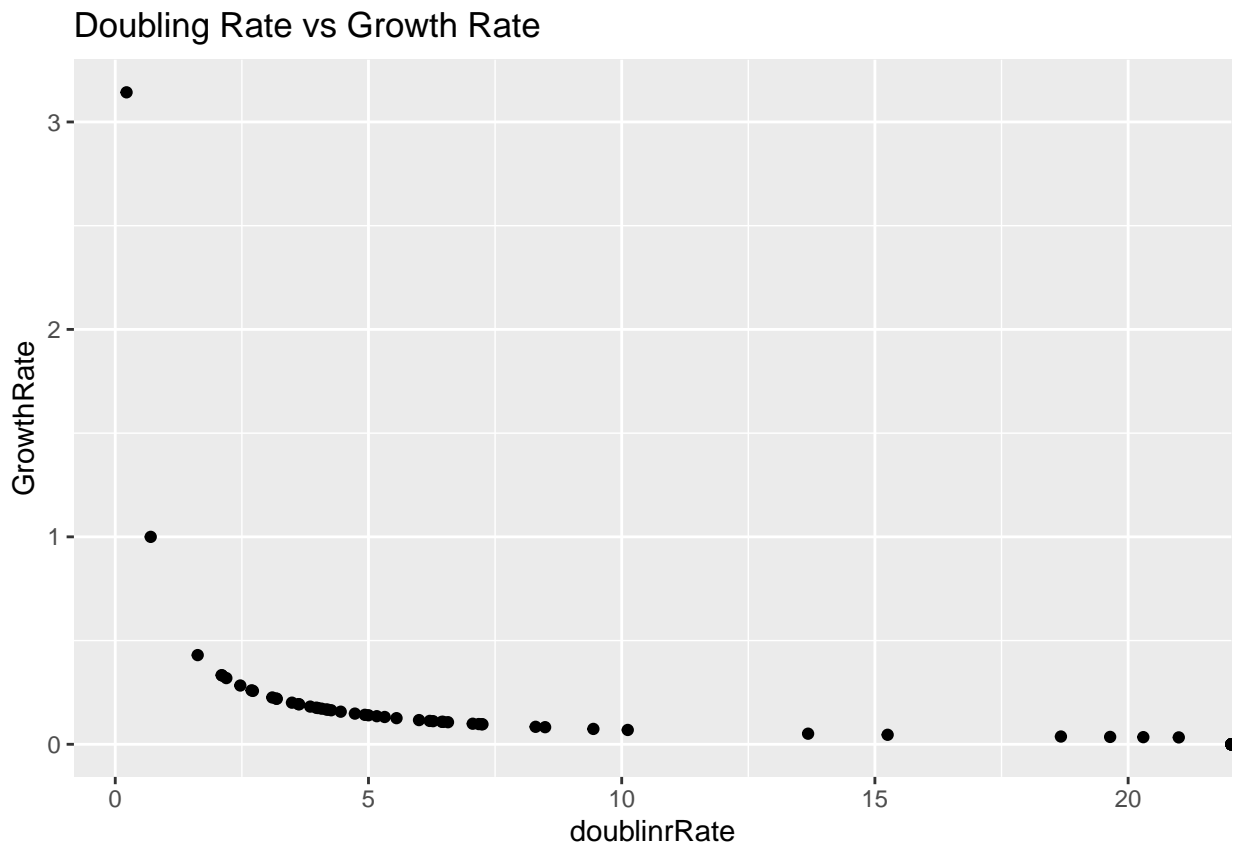
US: Rate of change in Growth Rate

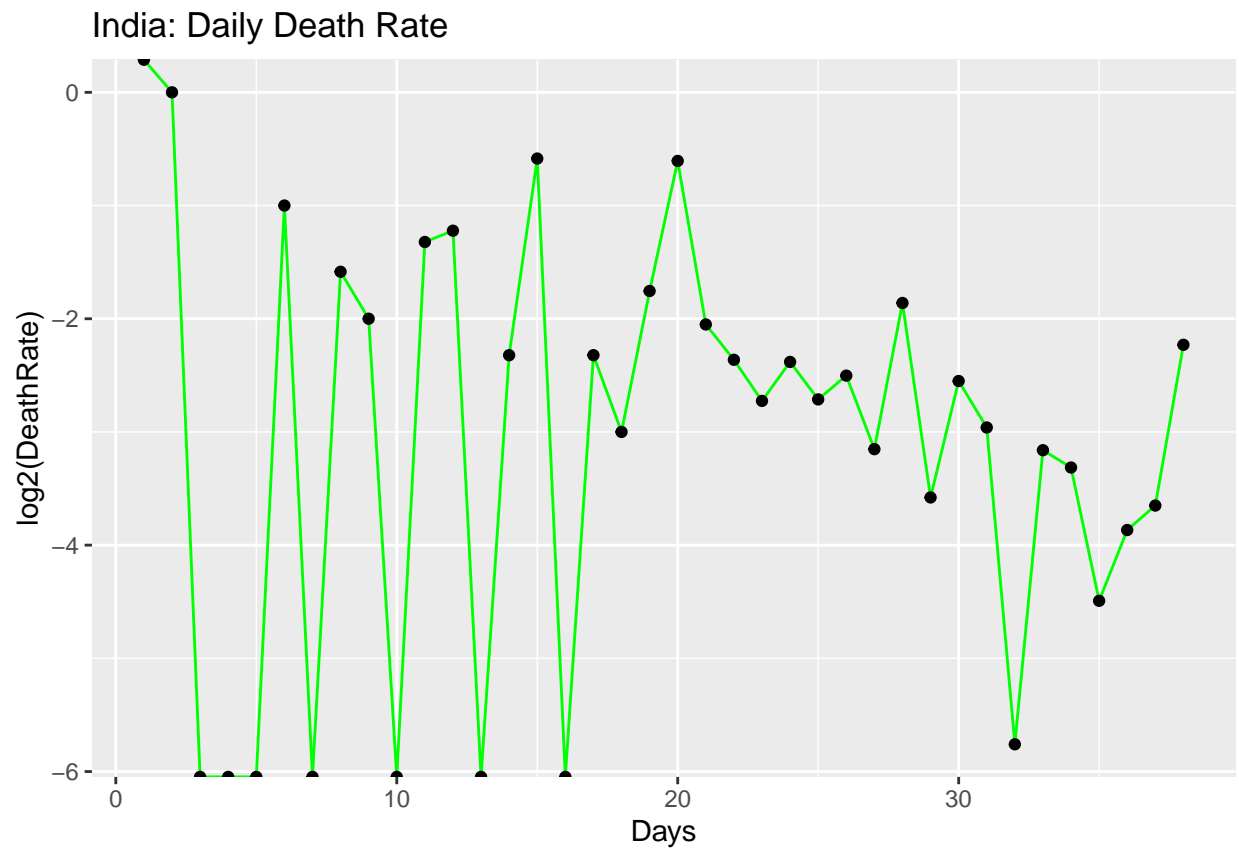


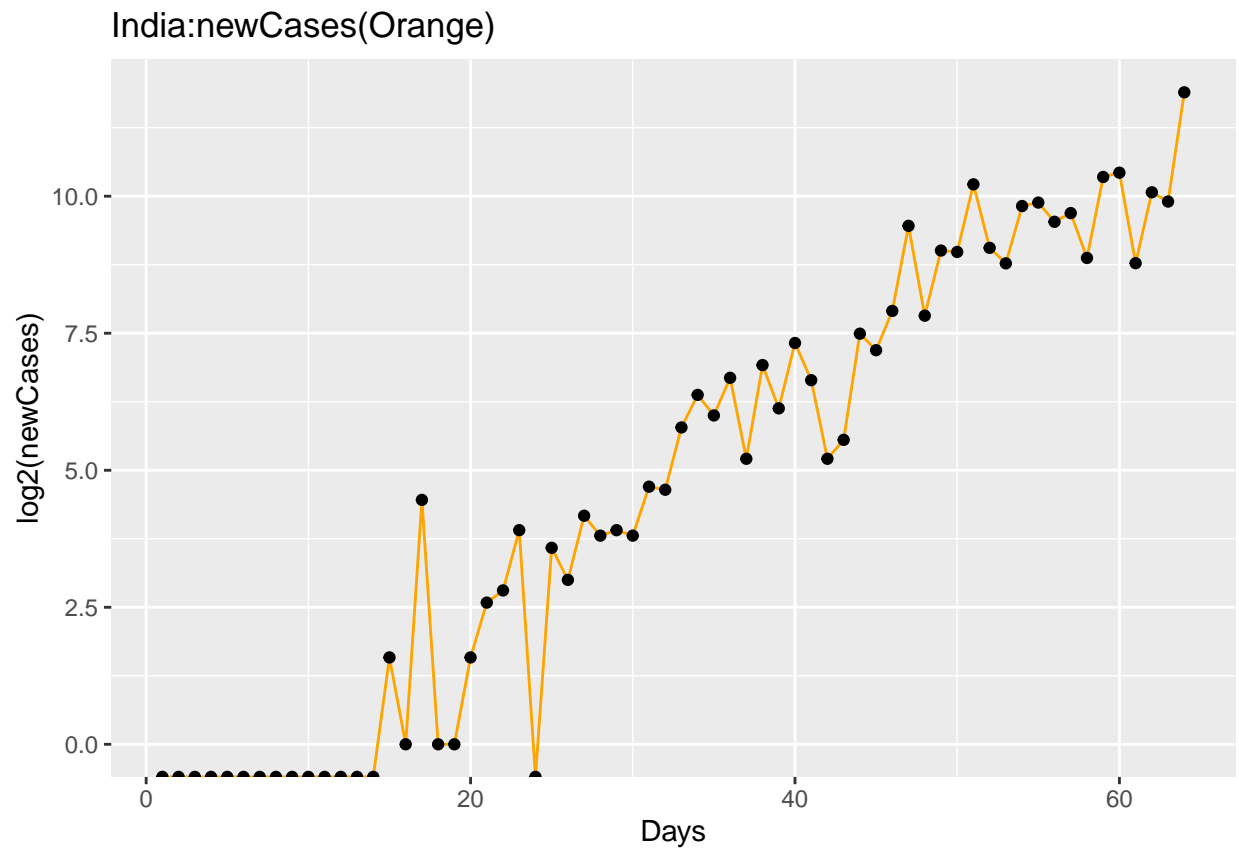


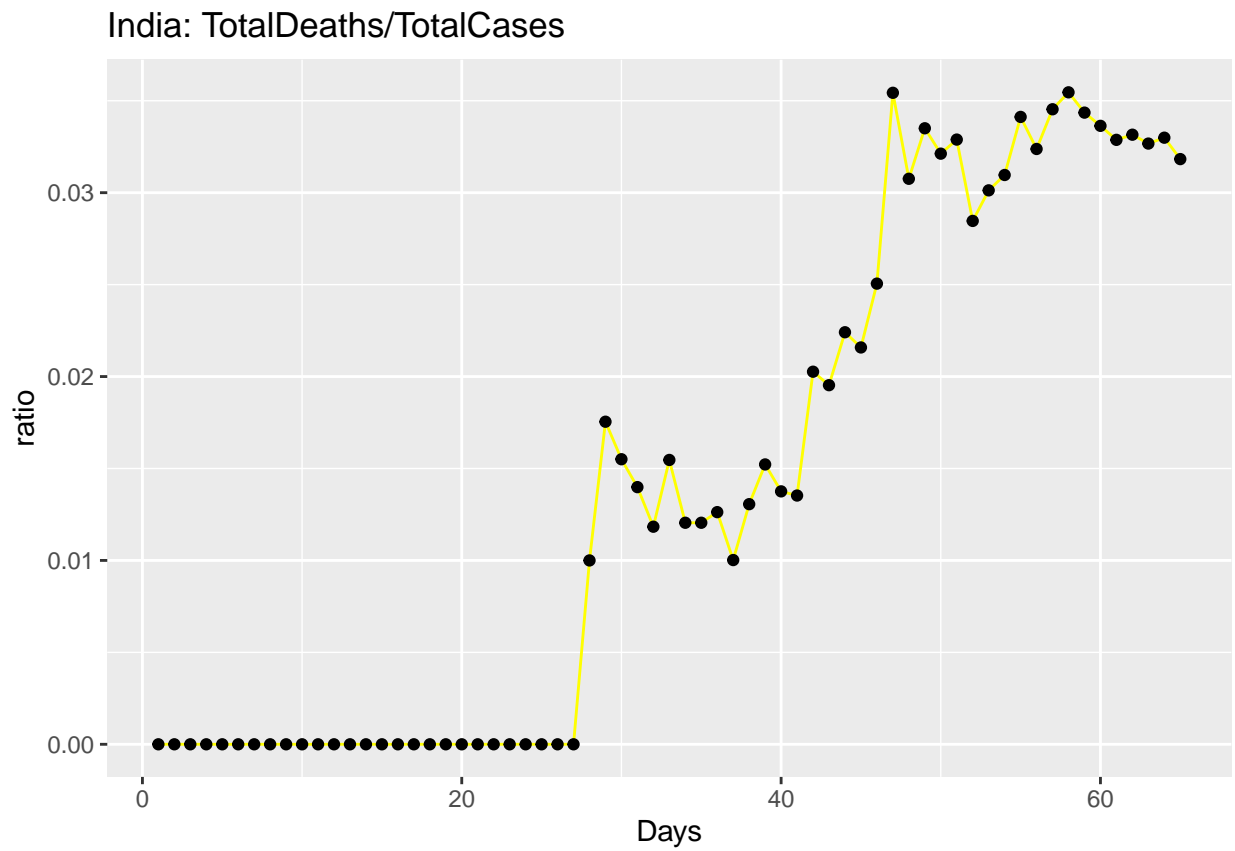


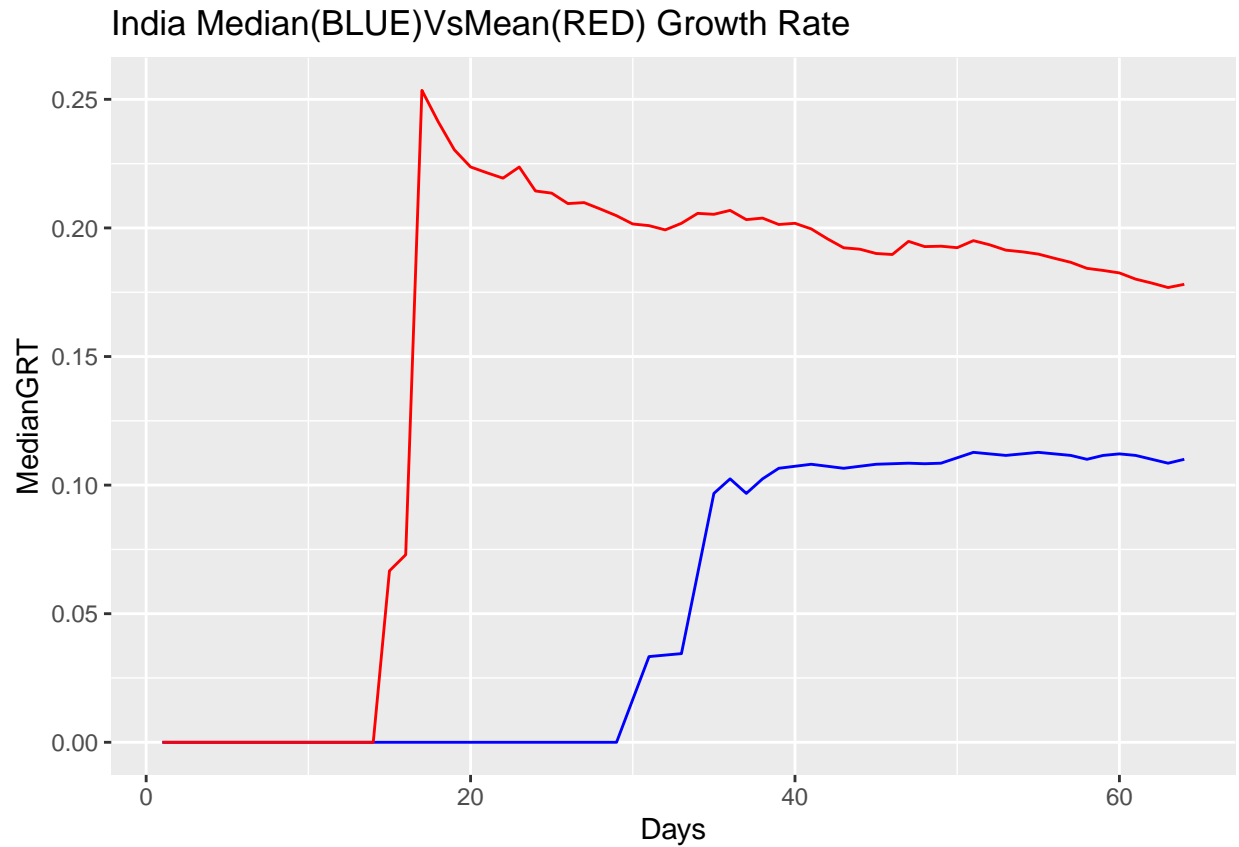












Results:

- Tomorrow's predicted case number is between 2.3390833×10^4 and 2.1913474×10^4 cases.
- Current doubling rate is **3 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 **25.7504056** percent.
- Mean Growth Rate: **17.8080416** percent.
- Median Growth Rate: **11.0040041** percent.
- Standard deviation: +/- **40.4801365**.