

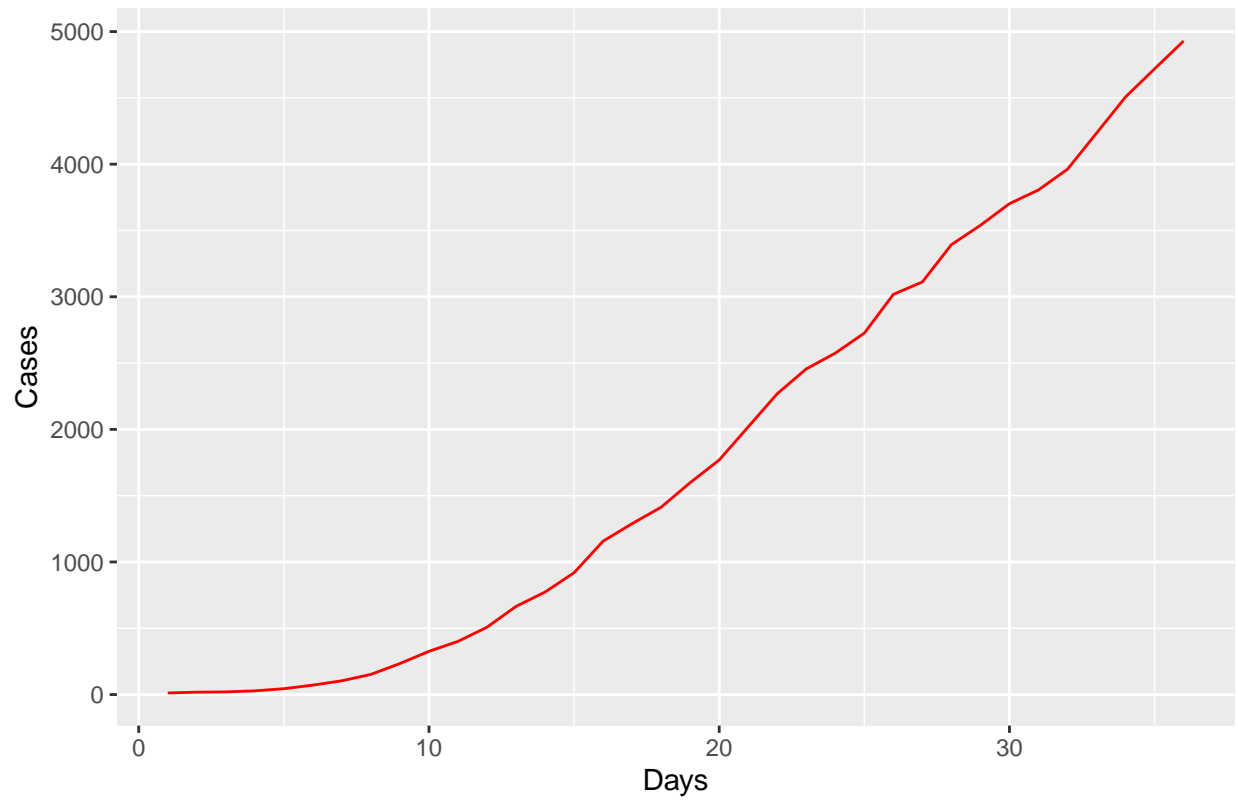
Arizona/US/India Corona Trends- 19th April 2020 with tomorrow's prediction

Whitchurch Muthumani

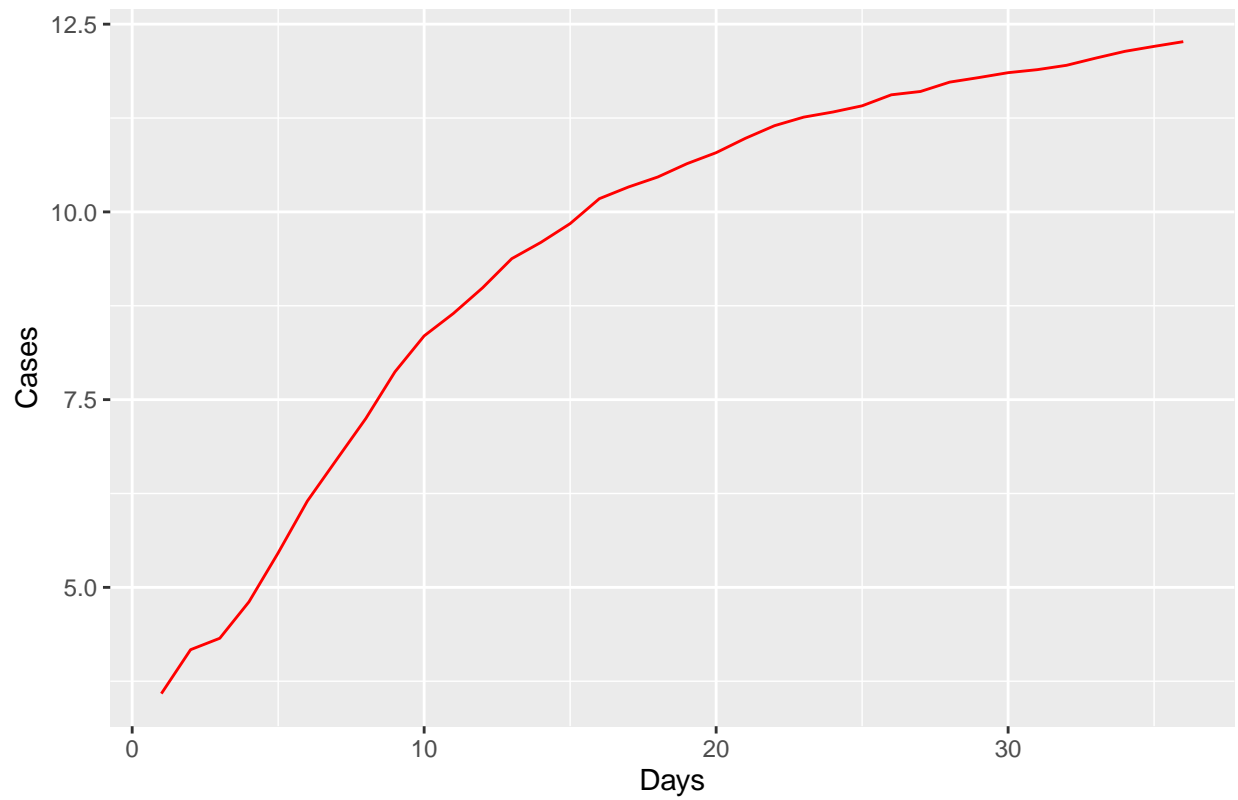
4/19/2020

Arizona Corona Dashboard

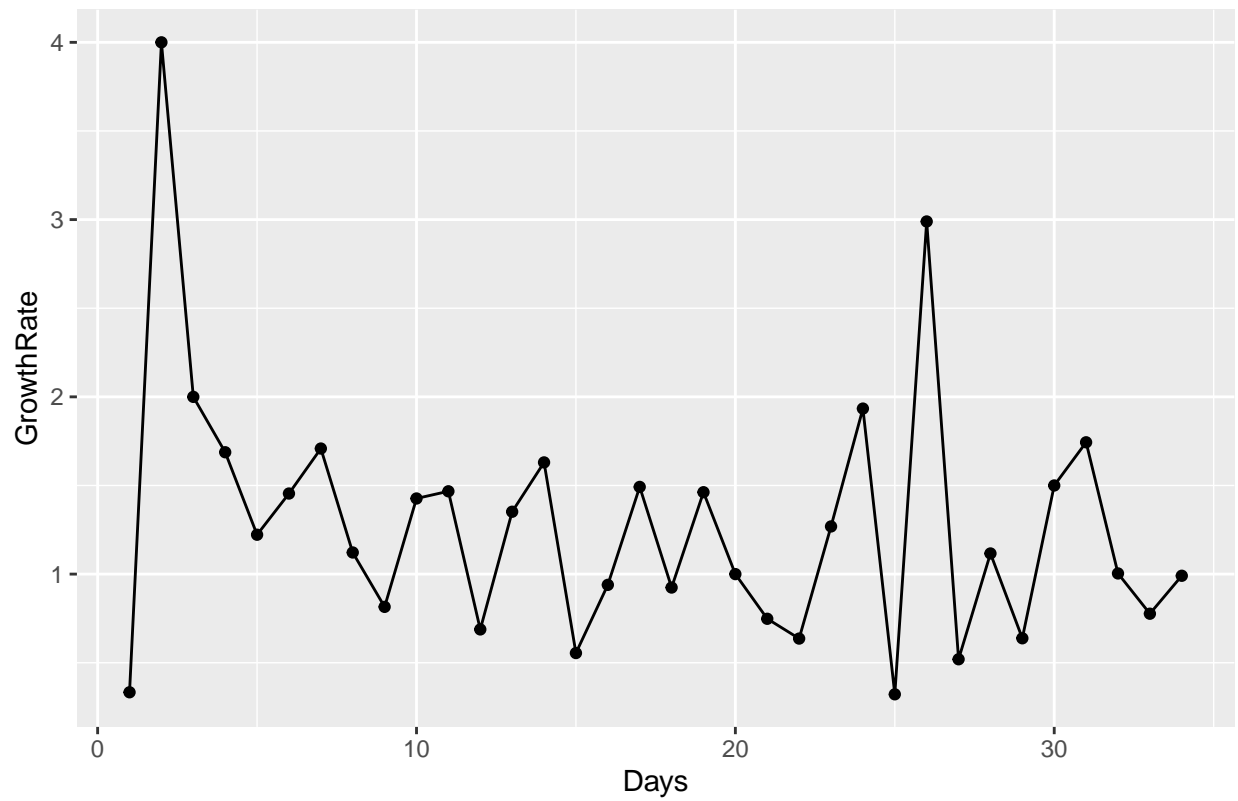
Arizona: Daily Cases

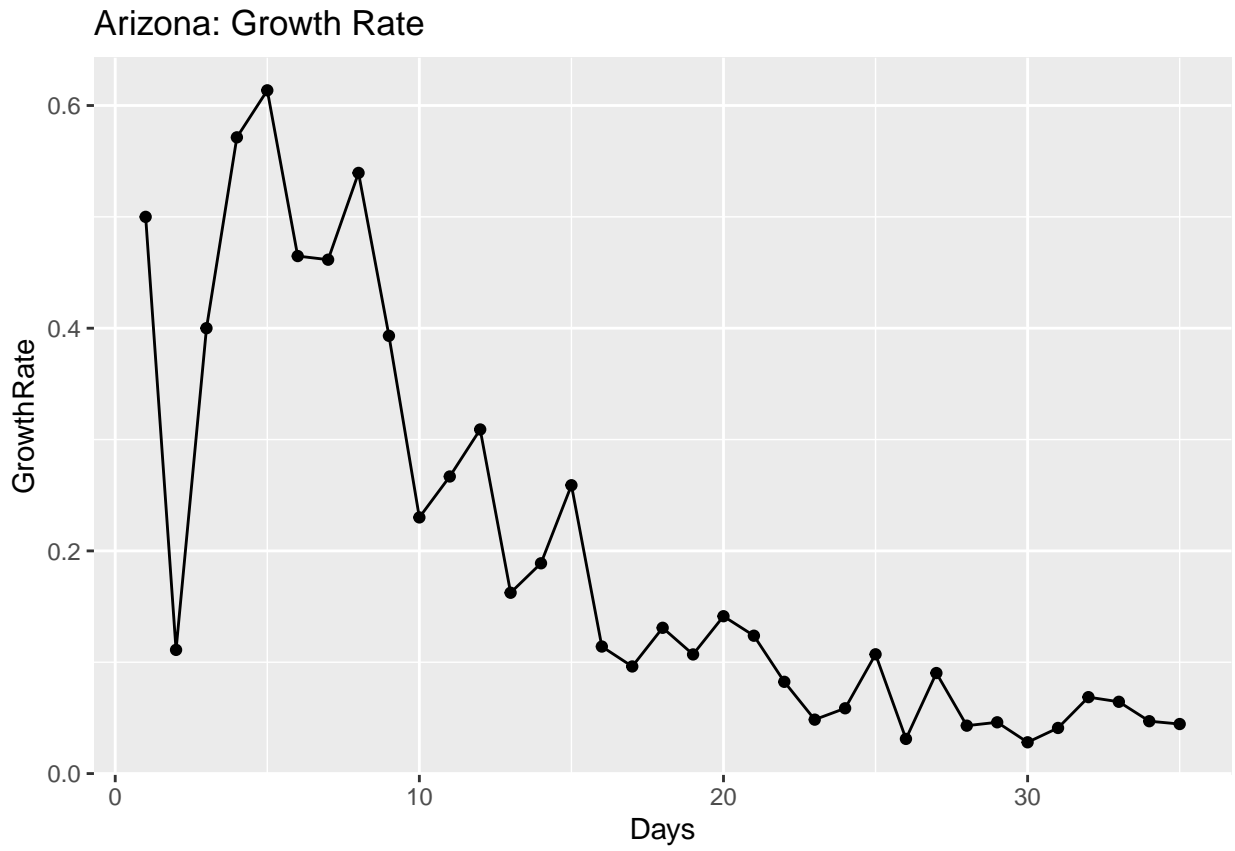


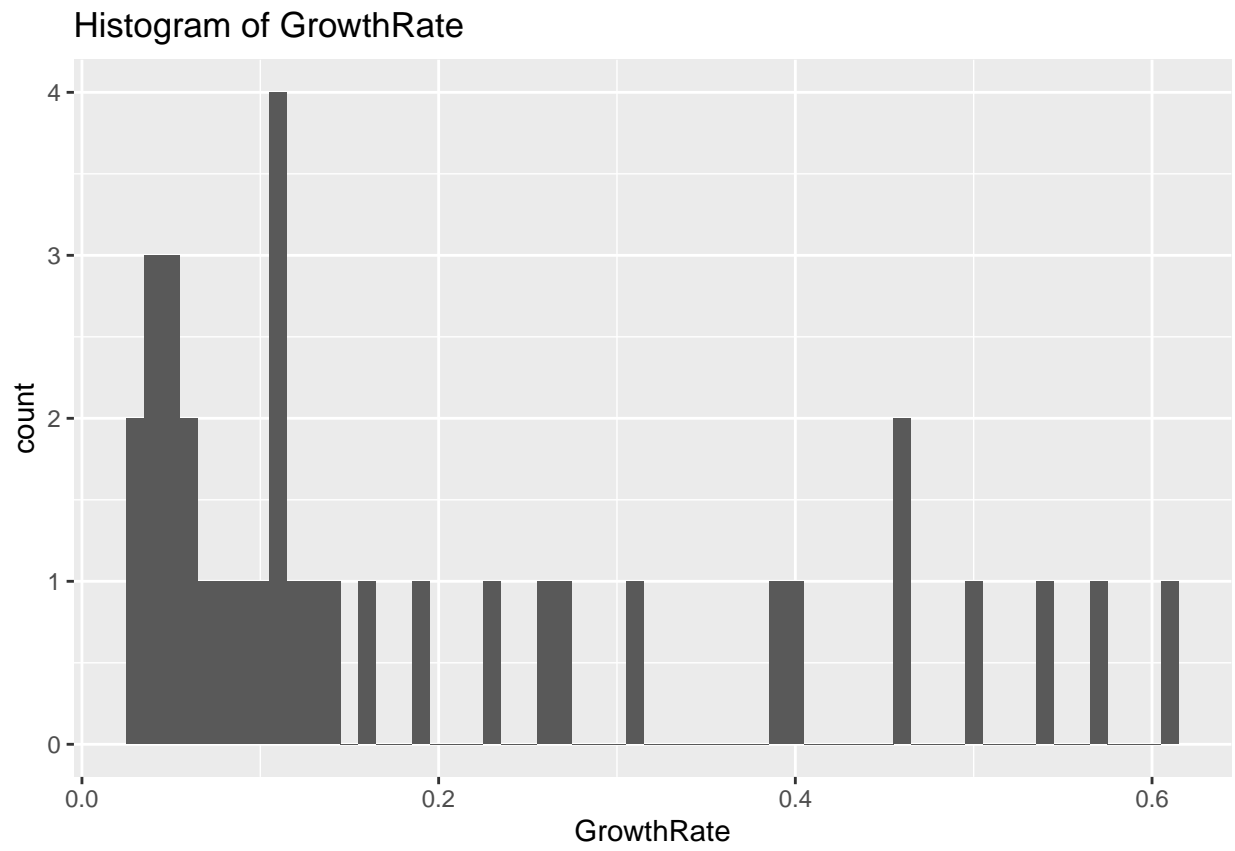
Arizona: Daily Cases

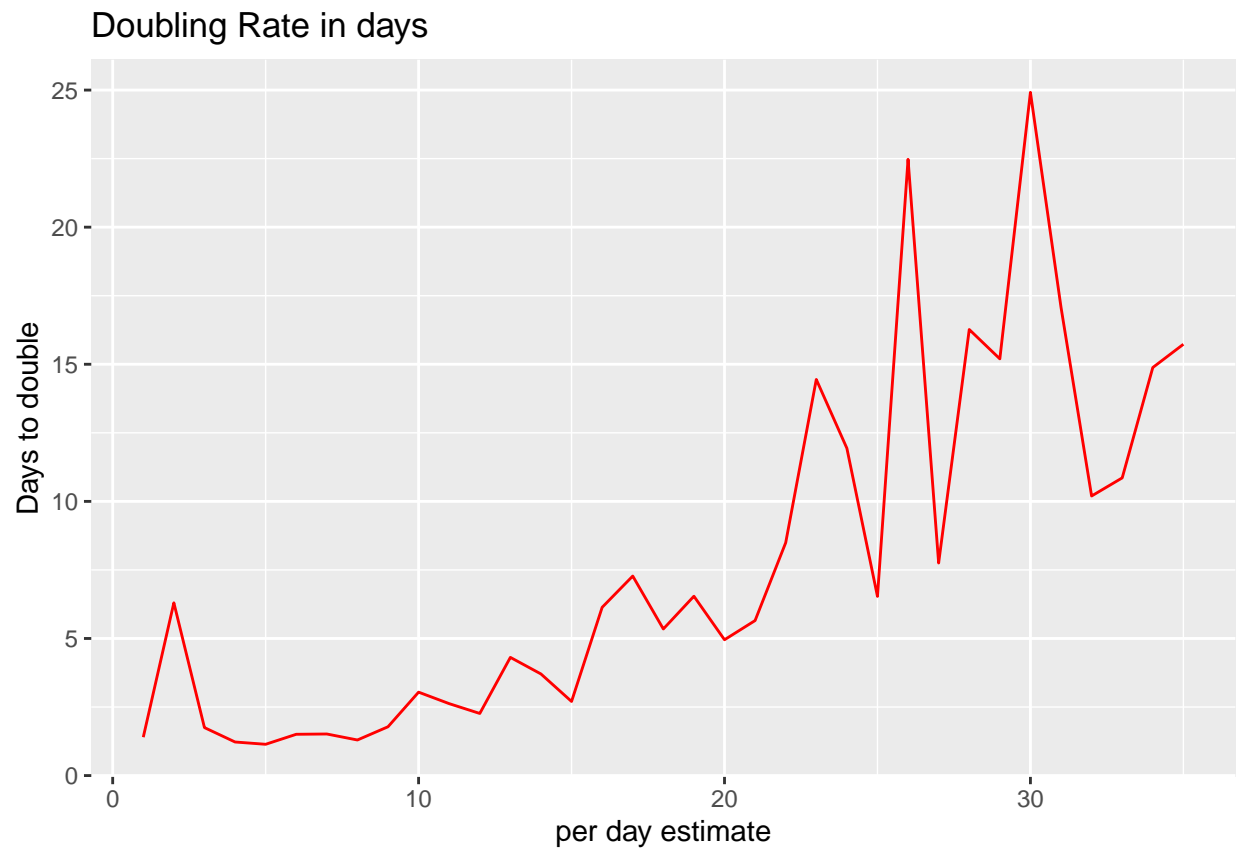


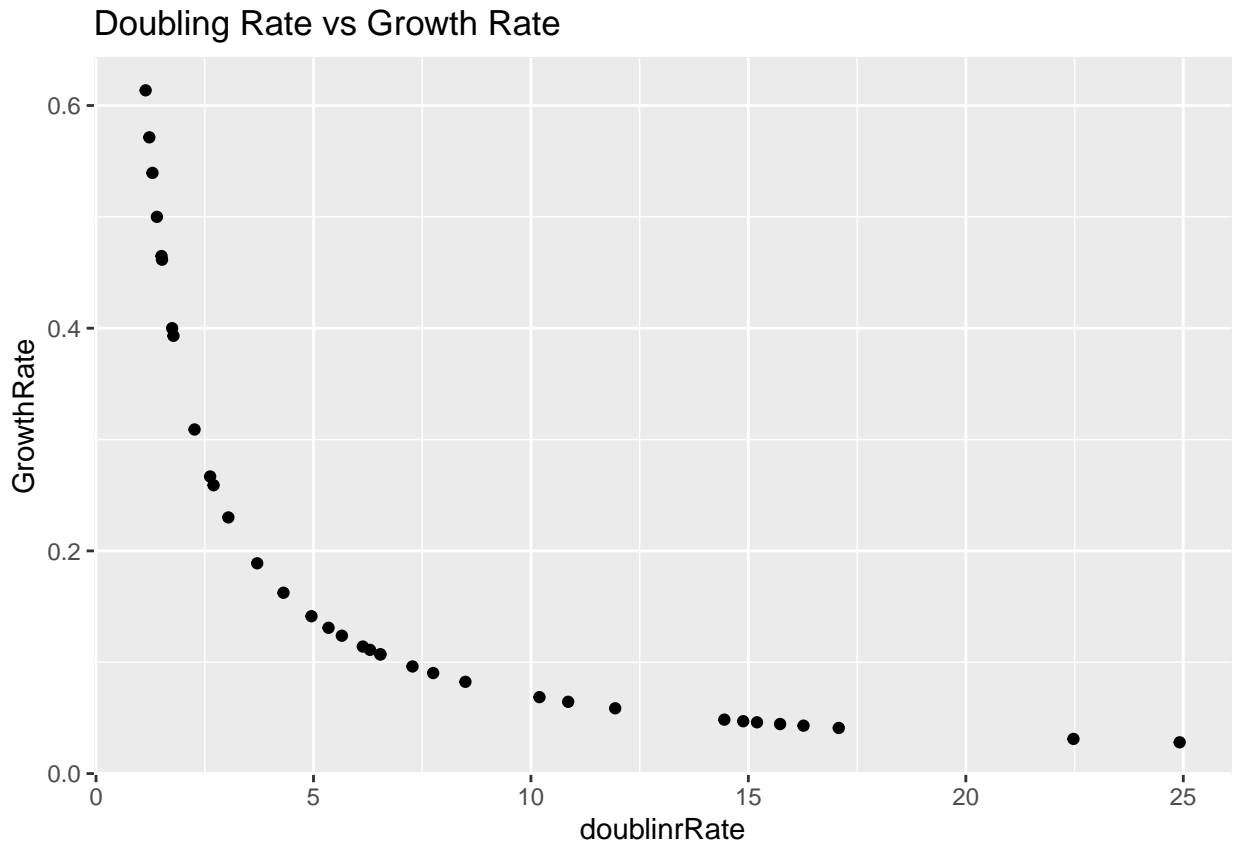
Arizona: Rate of change in Growth Rate

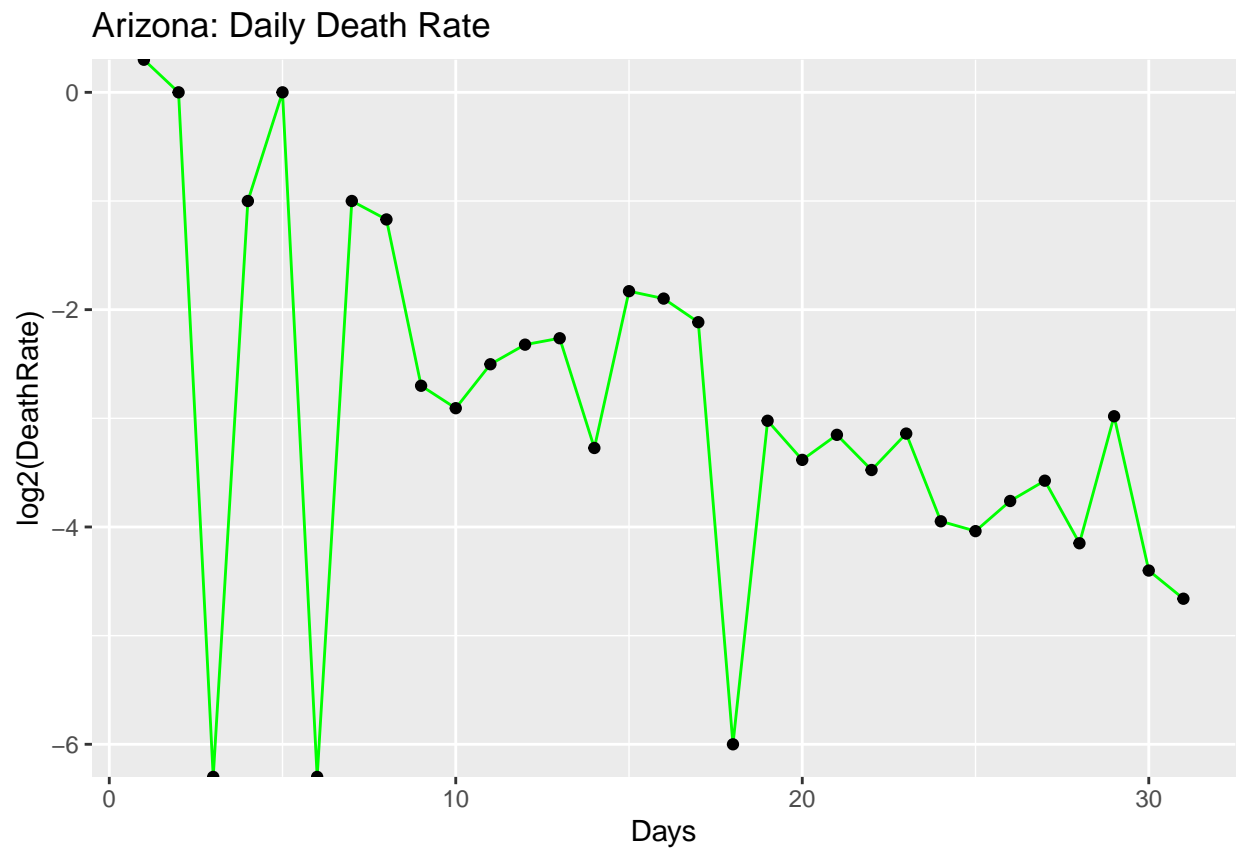


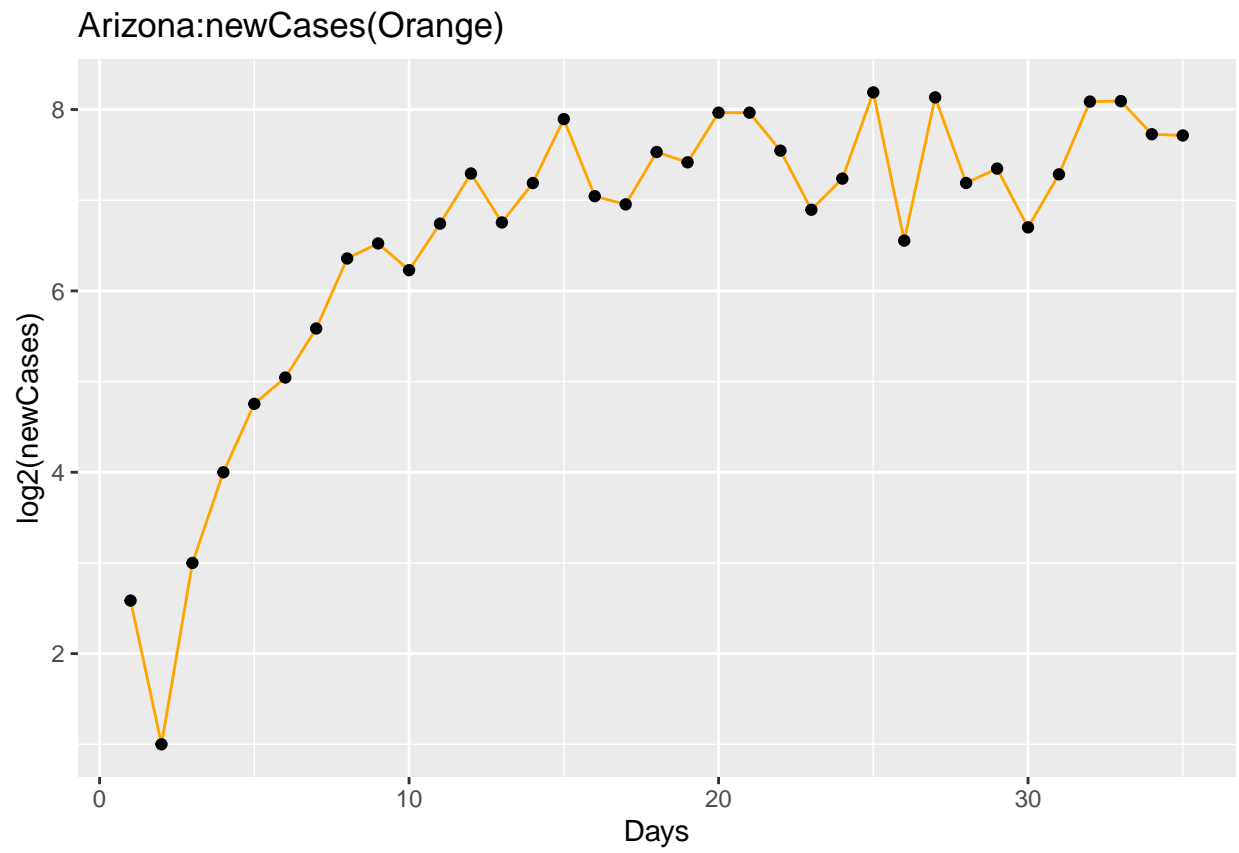




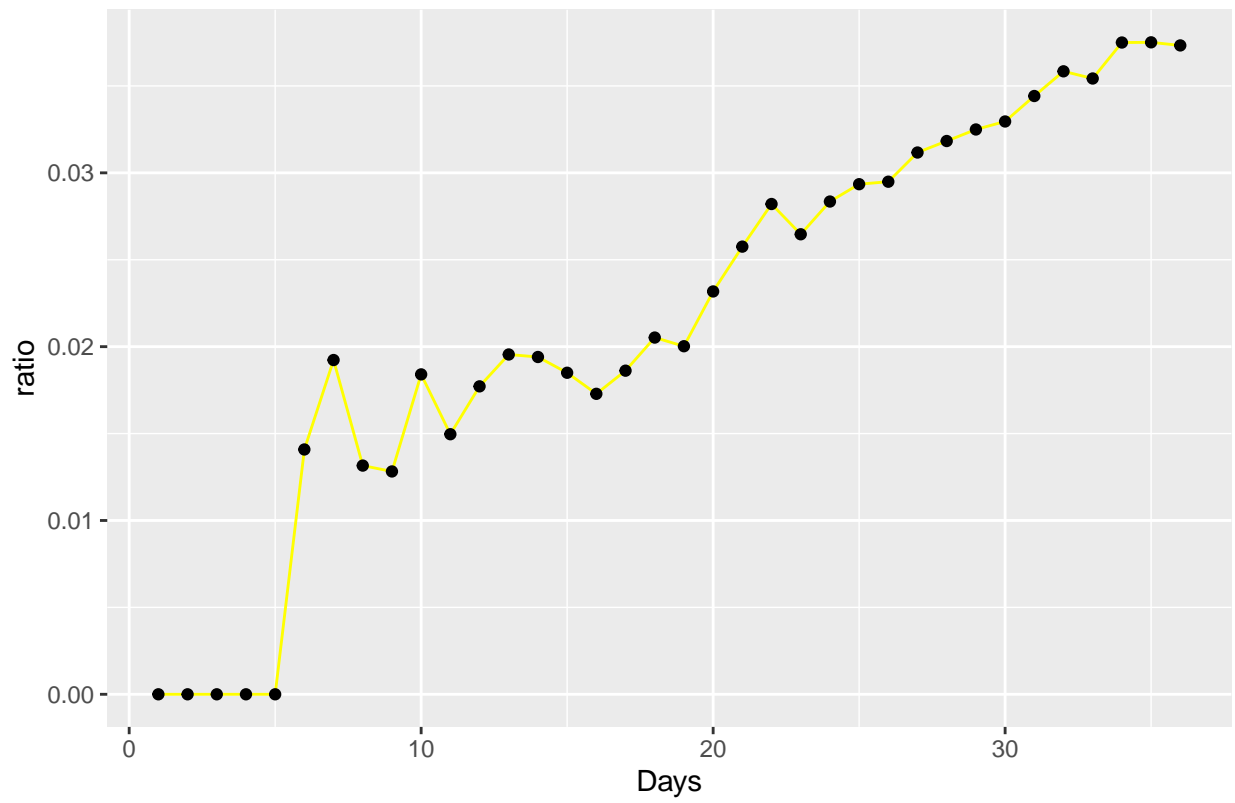


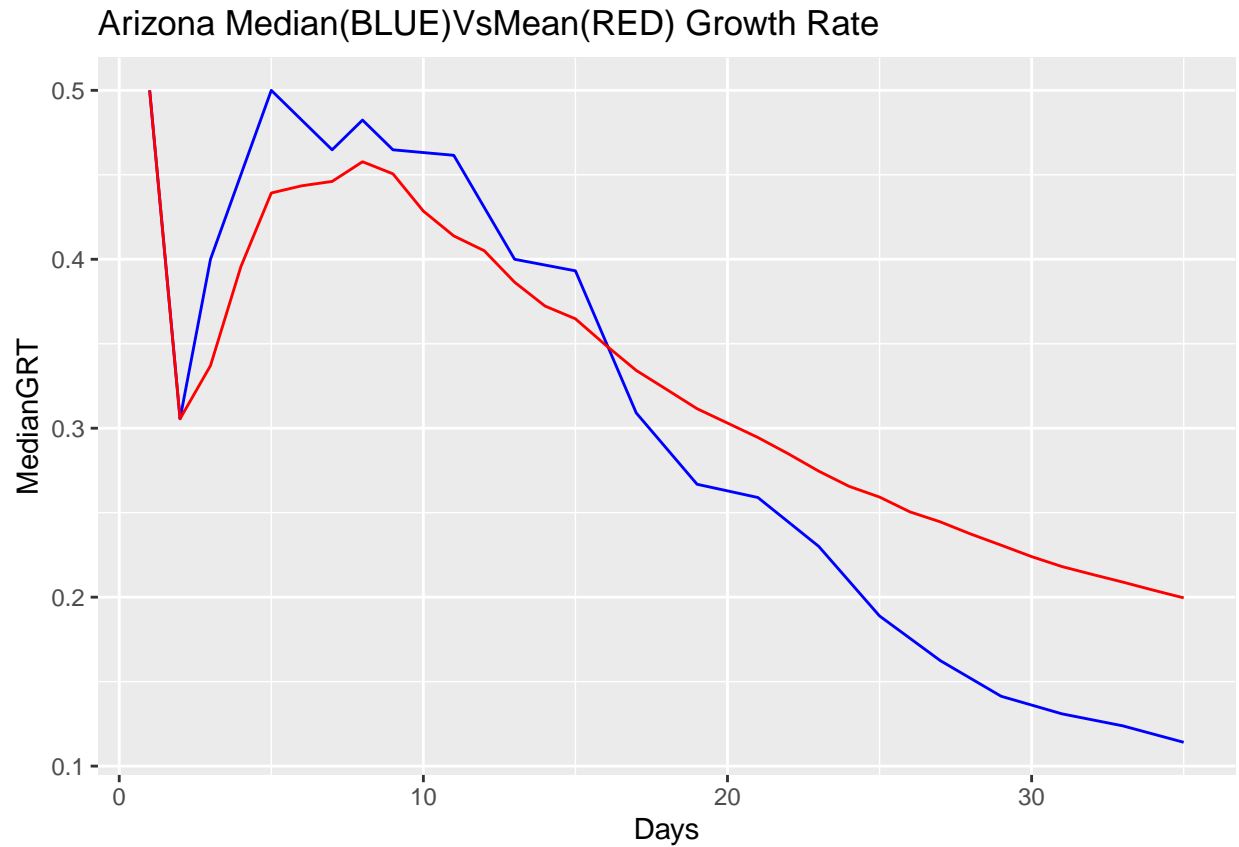






Arizona: TotalDeaths/TotalCases

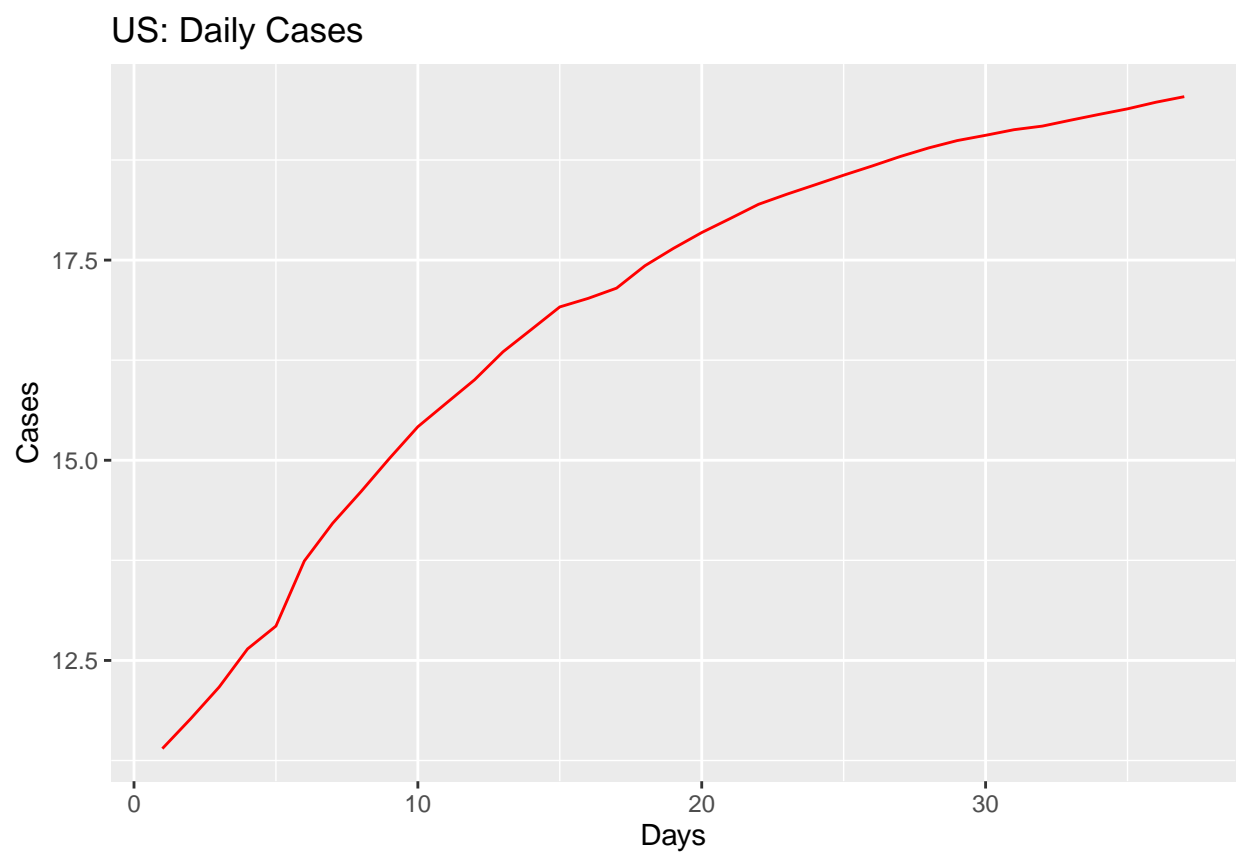
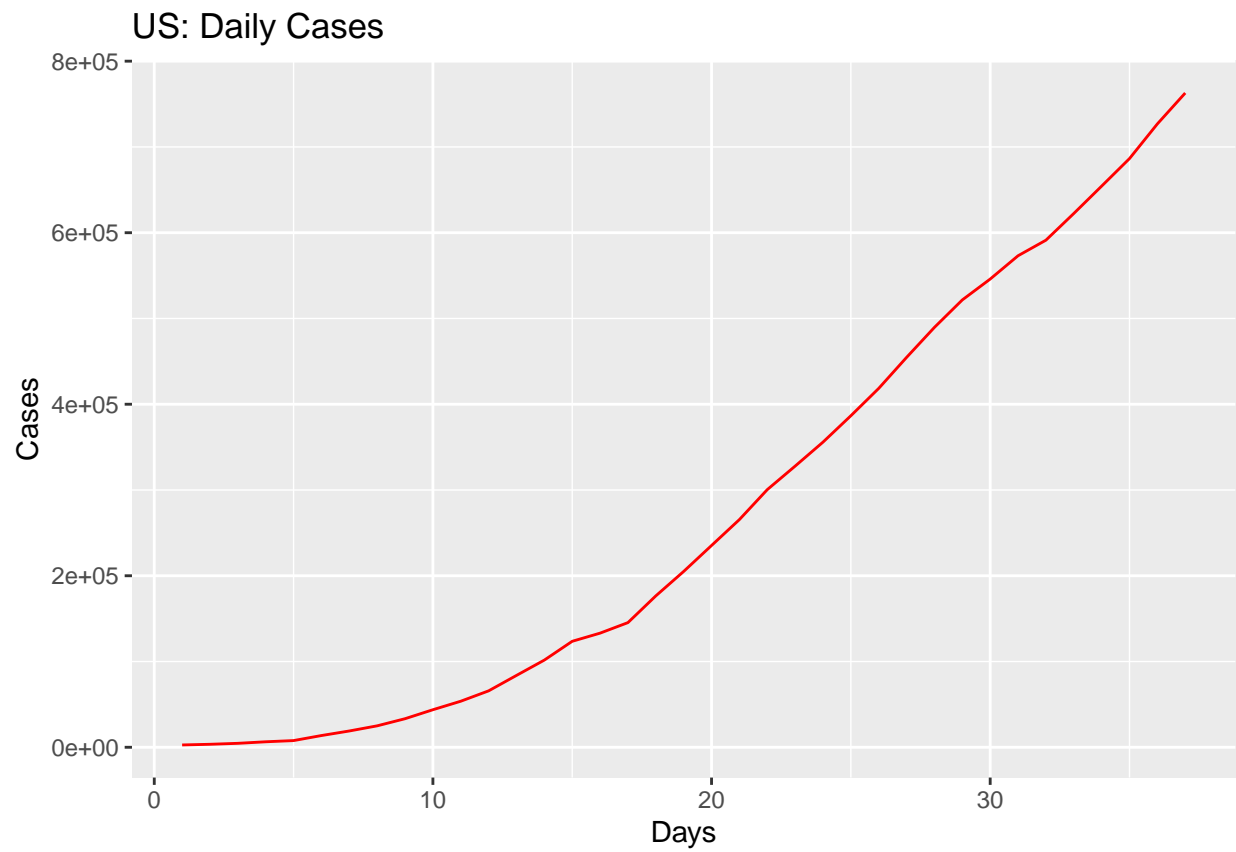




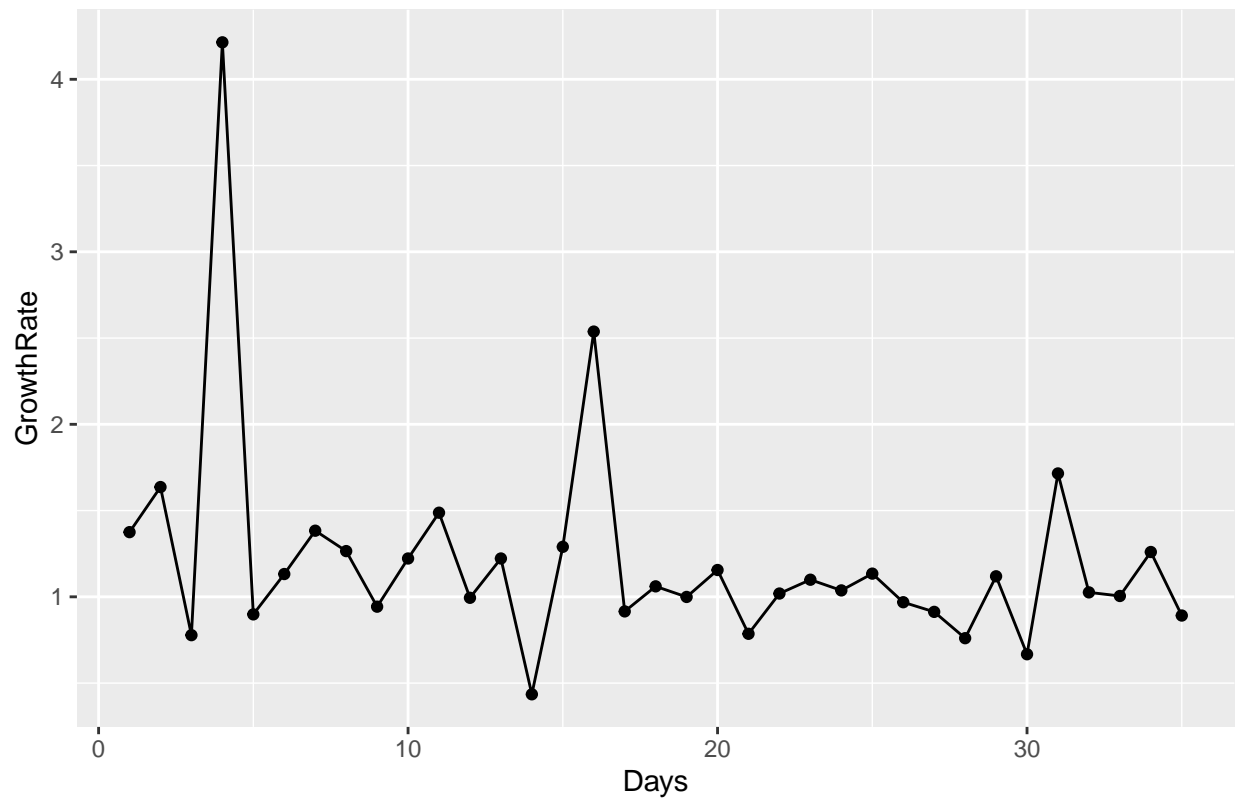
Results:

- Tomorrow's predicted case number is between **5148.3452003** and **5912.7750049** cases.
- Current doubling rate is **16 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 **4.4500954** percent.
- Mean Growth Rate: **19.9589167** percent.
- Median Growth Rate: **11.4088159** percent.
- Standard deviation: +/- **17.9331861**.

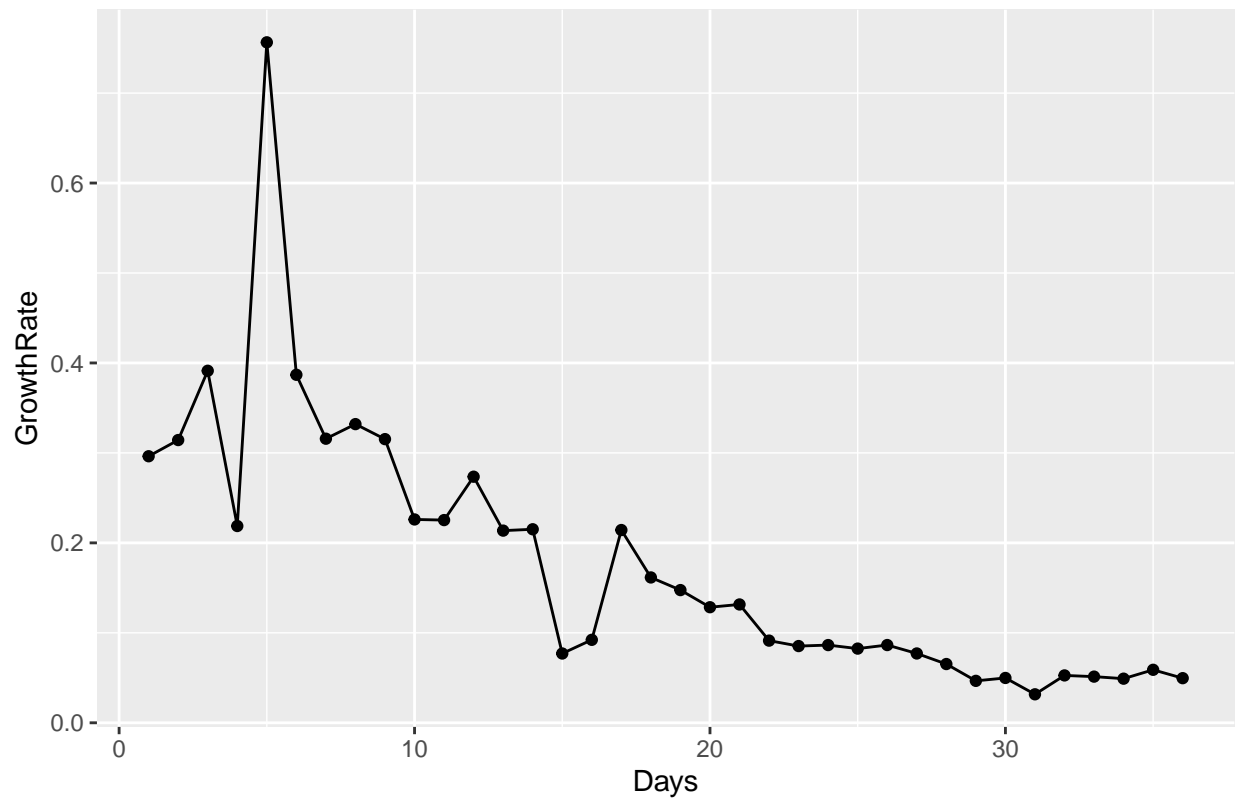
US Corona Dashboard

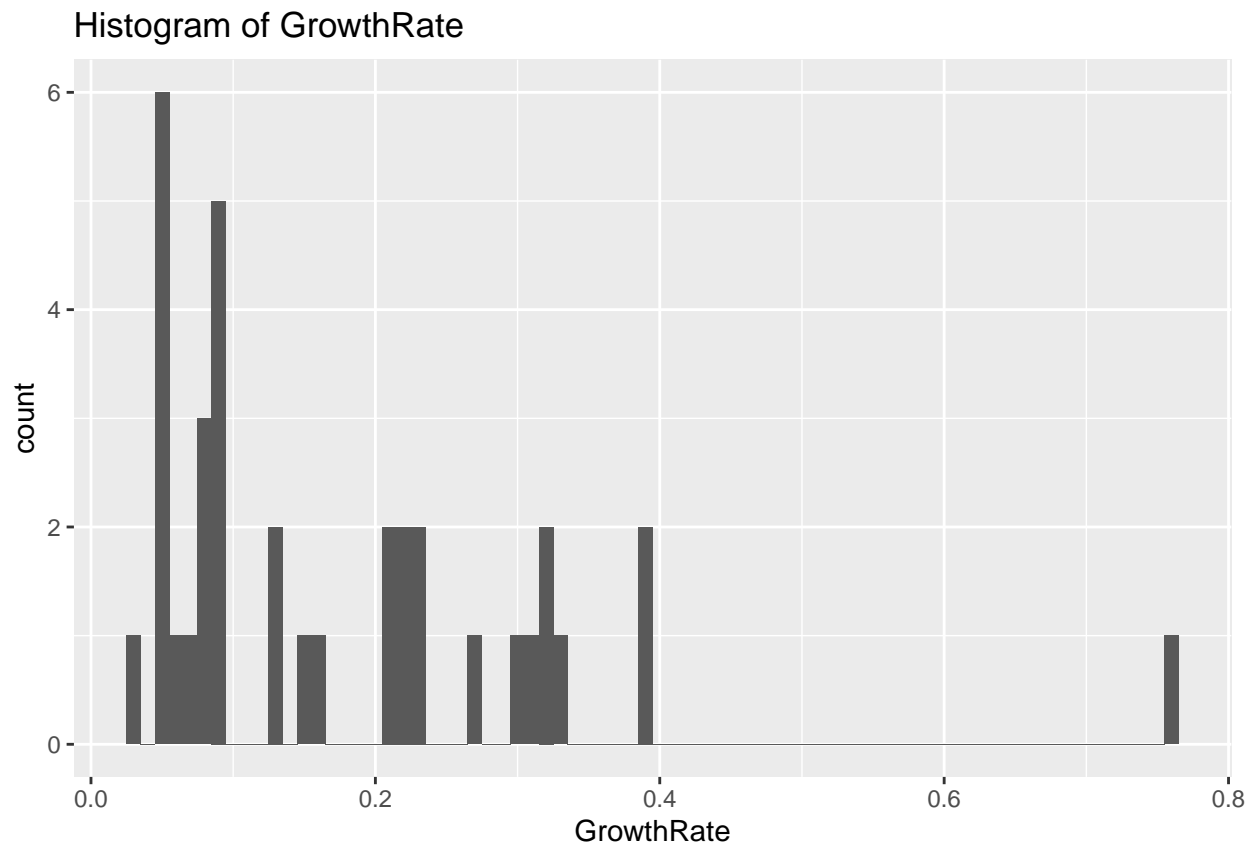


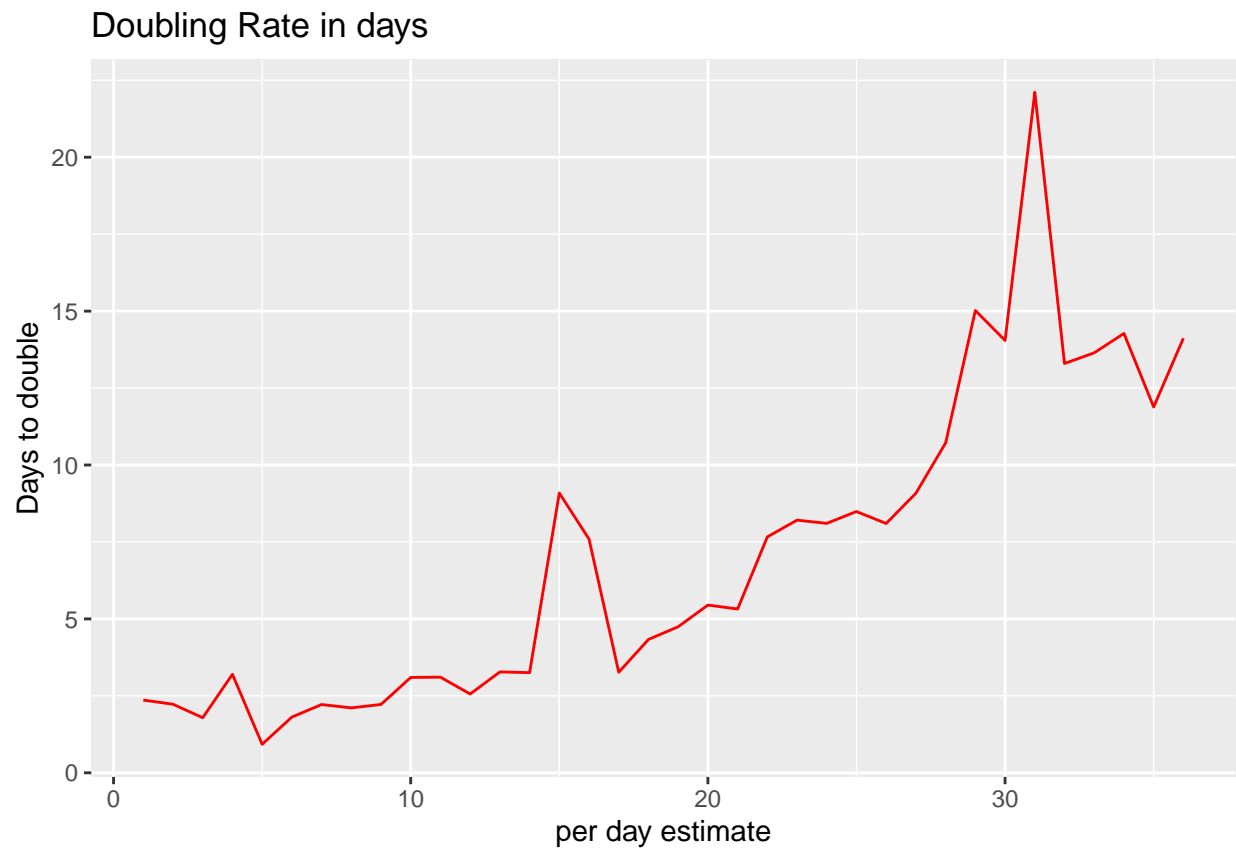
US: Rate of change in Growth Rate



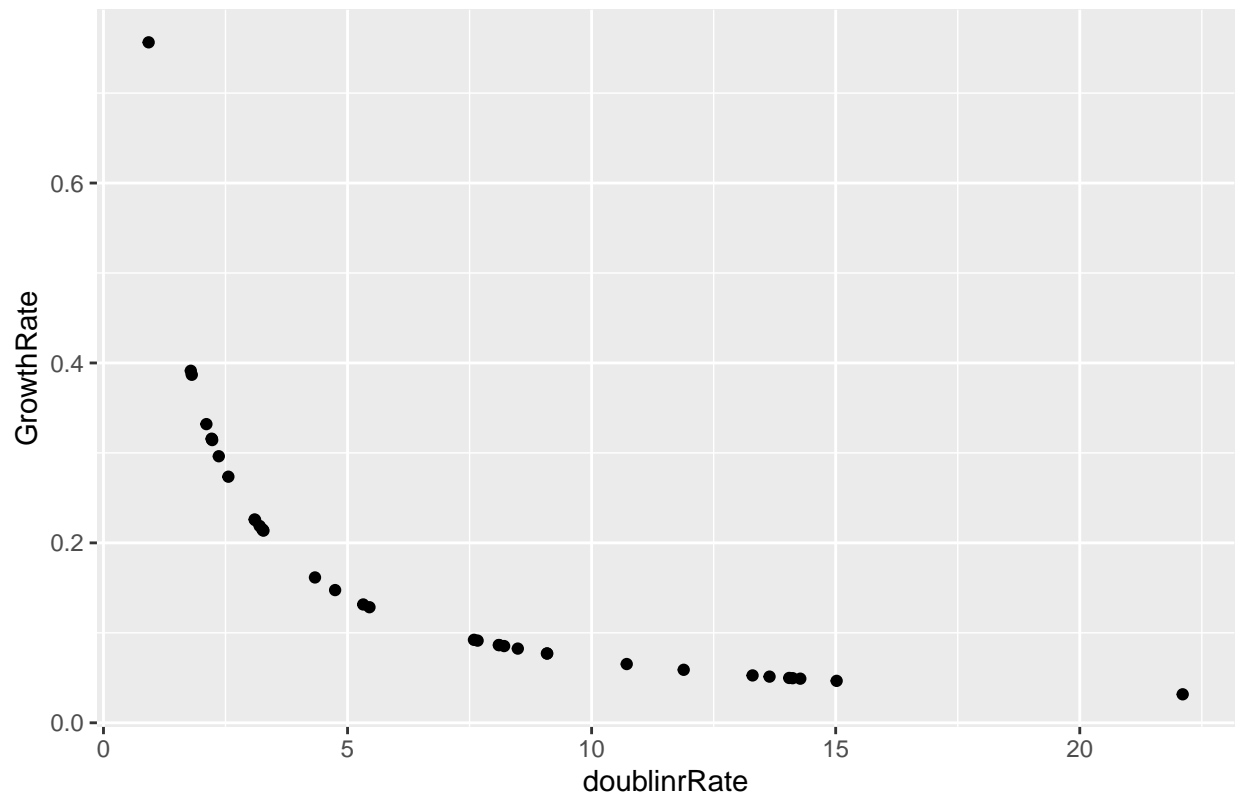
US: Growth Rate



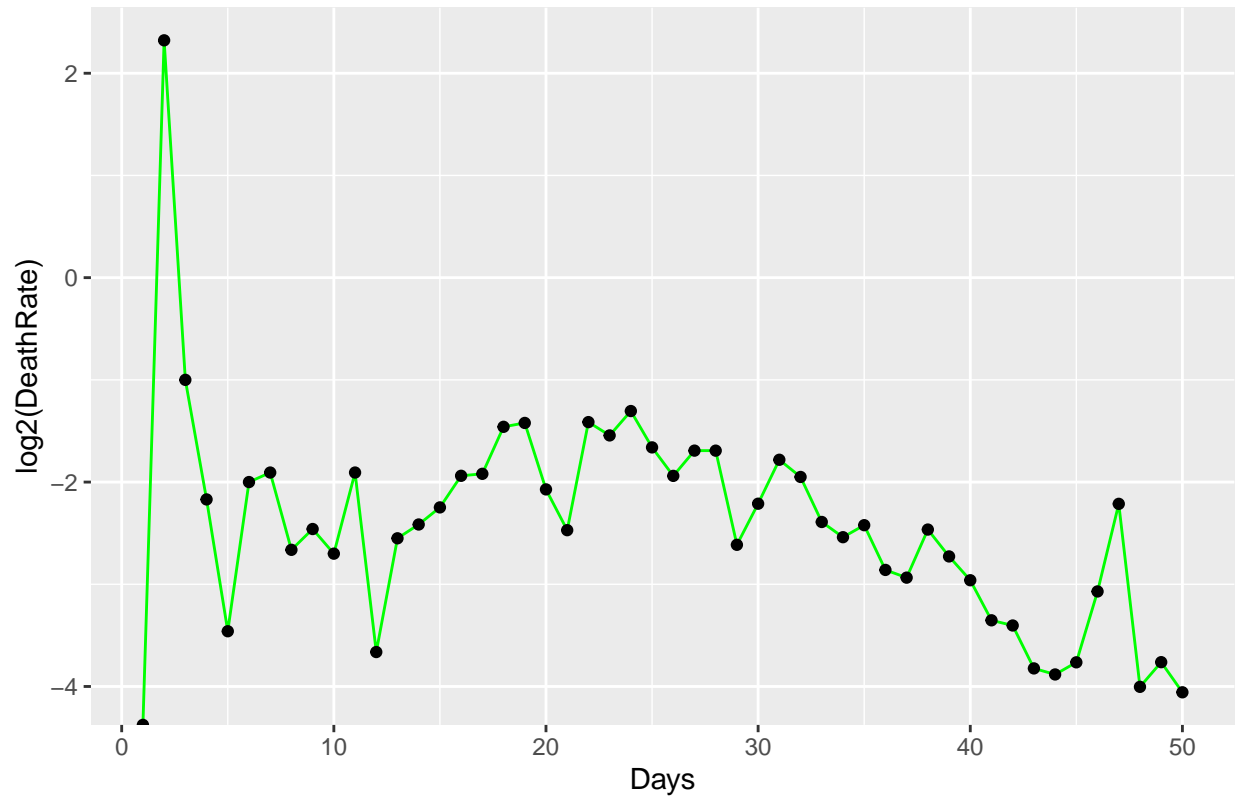


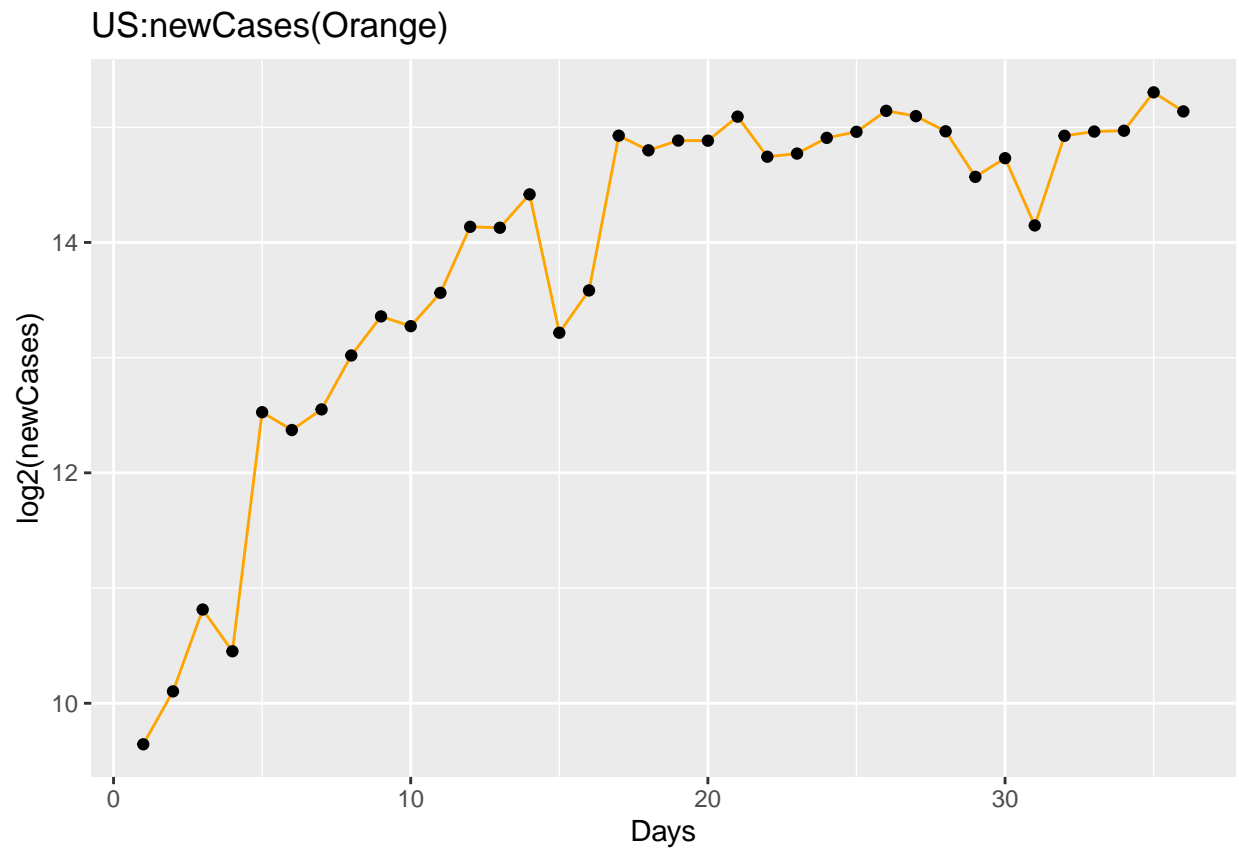


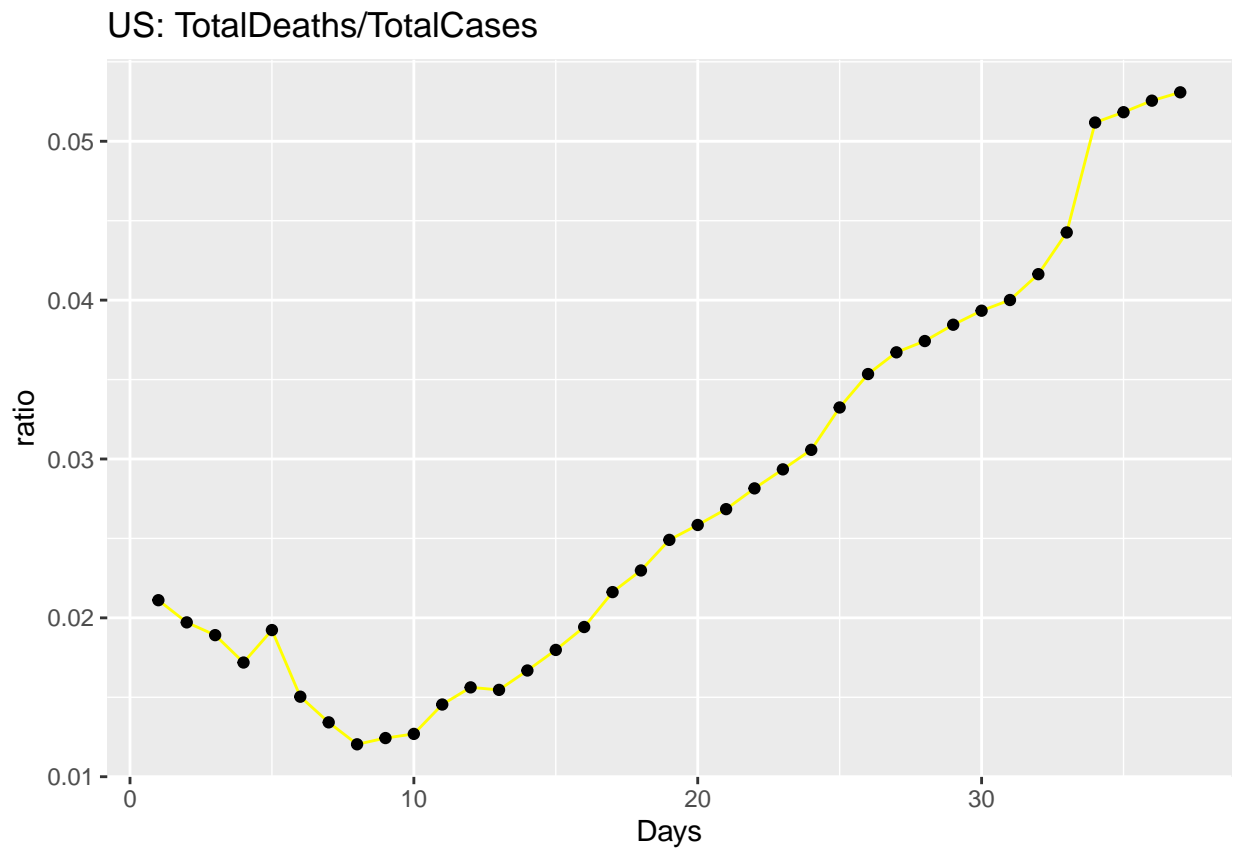
Doubling Rate vs Growth Rate

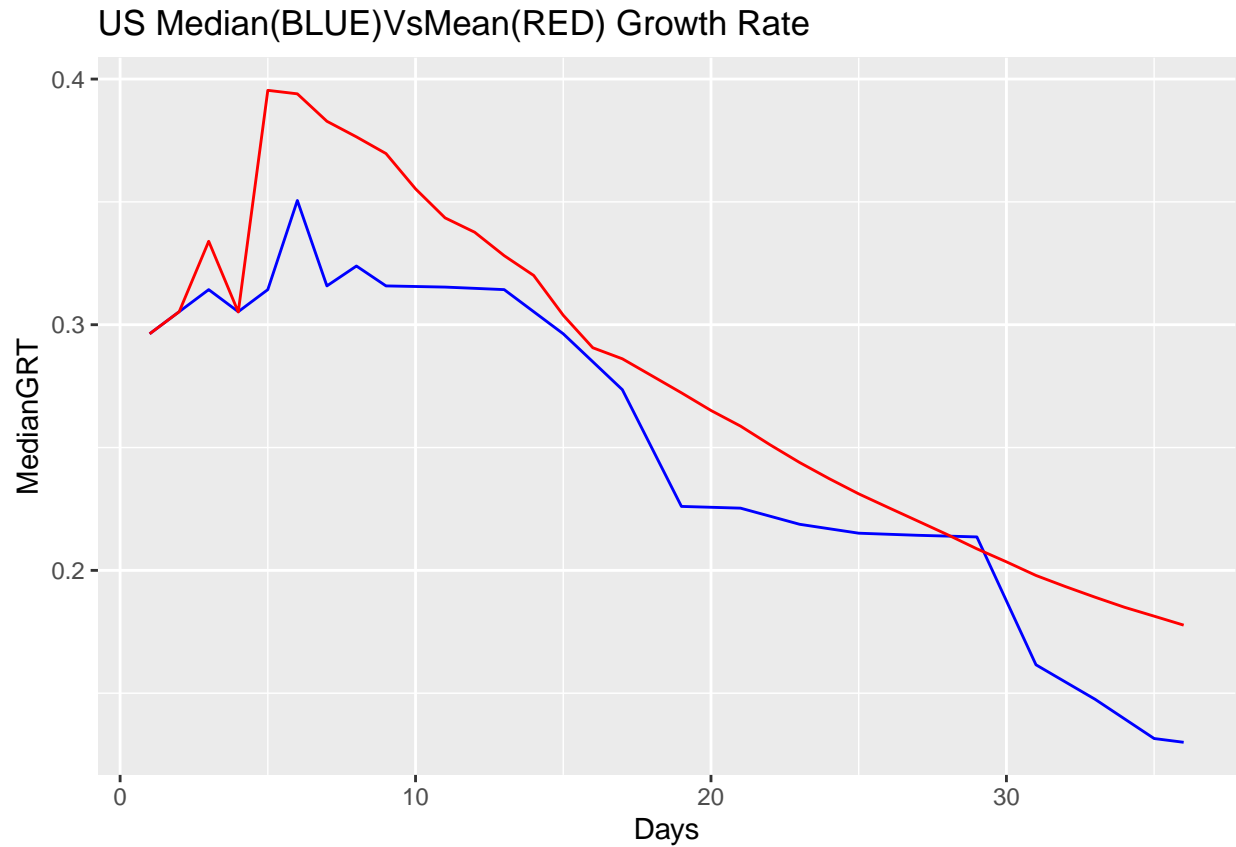


US: Daily Death Rate







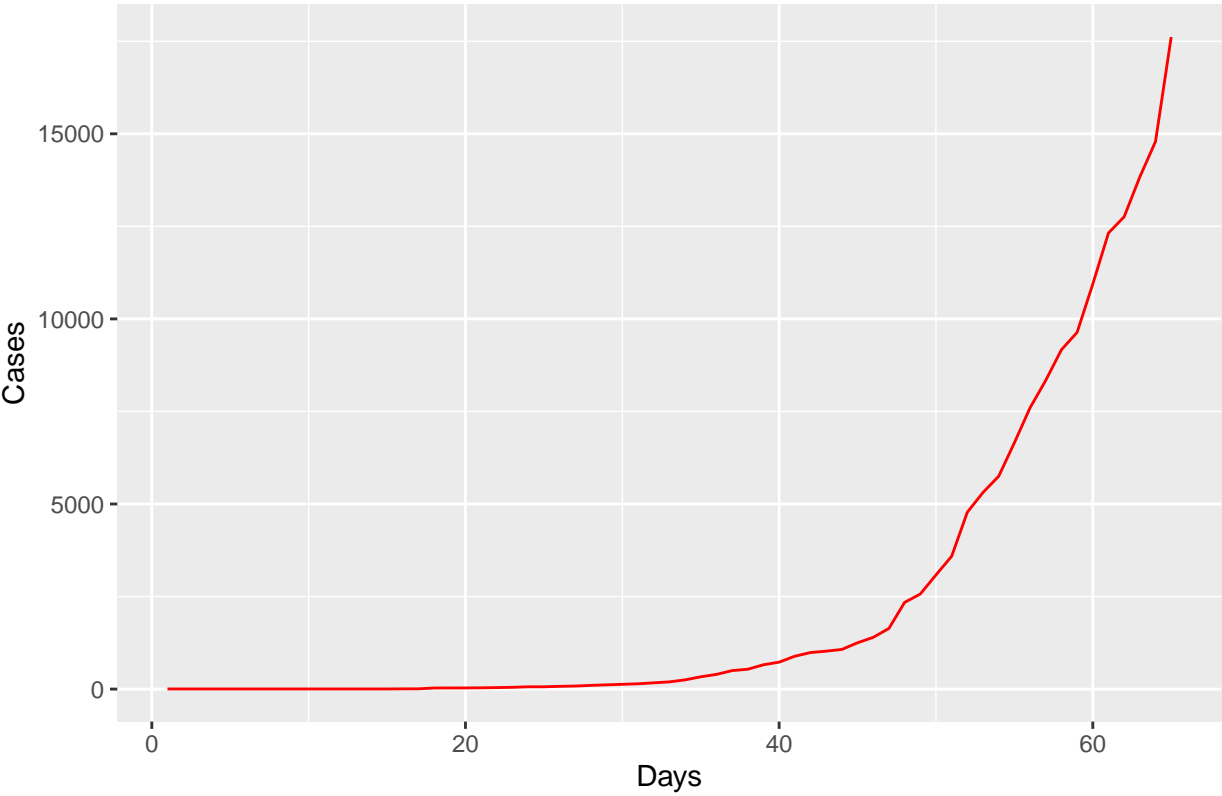


Results:

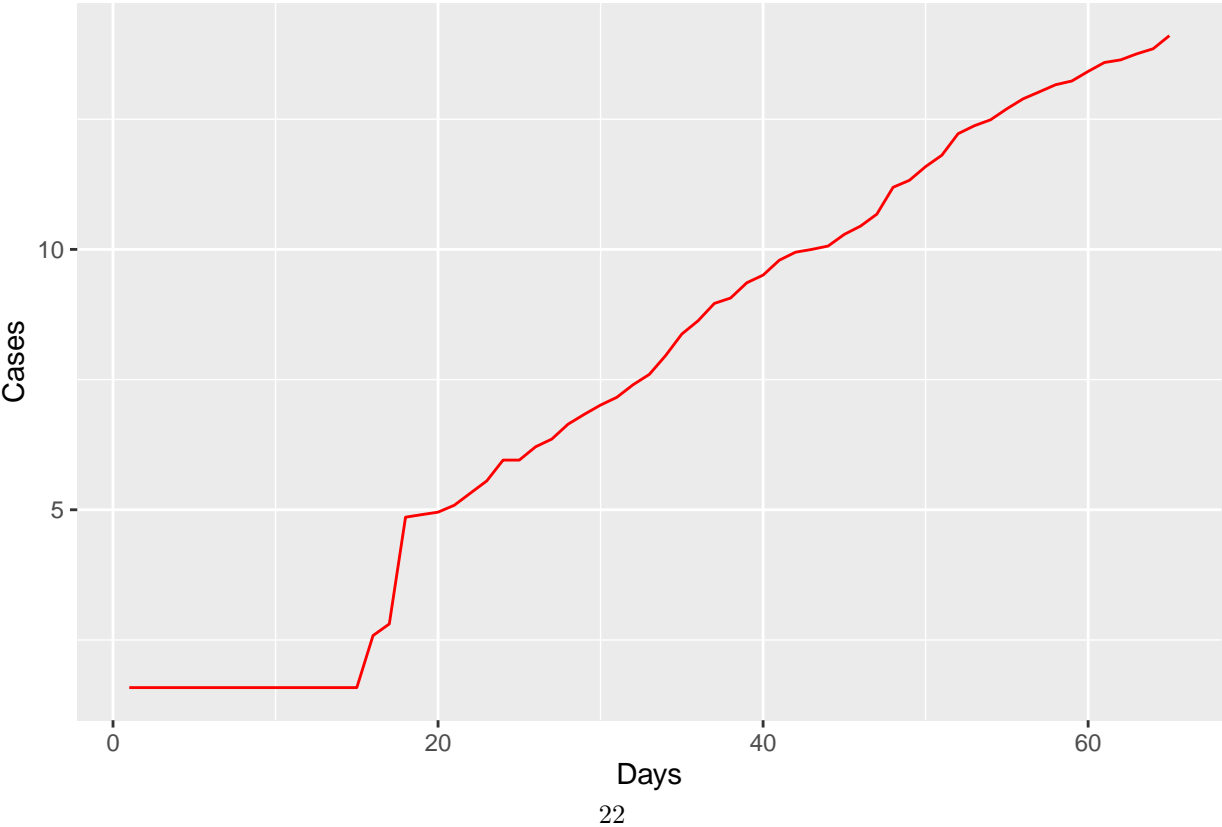
- Tomorrow's predicted case number is between 8.0072299×10^5 and 8.9845934×10^5 cases.
- Current doubling rate is **14 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **5 days**.
- Latest Observed Growth Rate **4.9583411** percent.
- Mean Growth Rate: **17.7695702** percent.
- Median Growth Rate: **13.0004231** percent.
- Standard deviation: +/- **14.731459**.

India Corona Dashboard

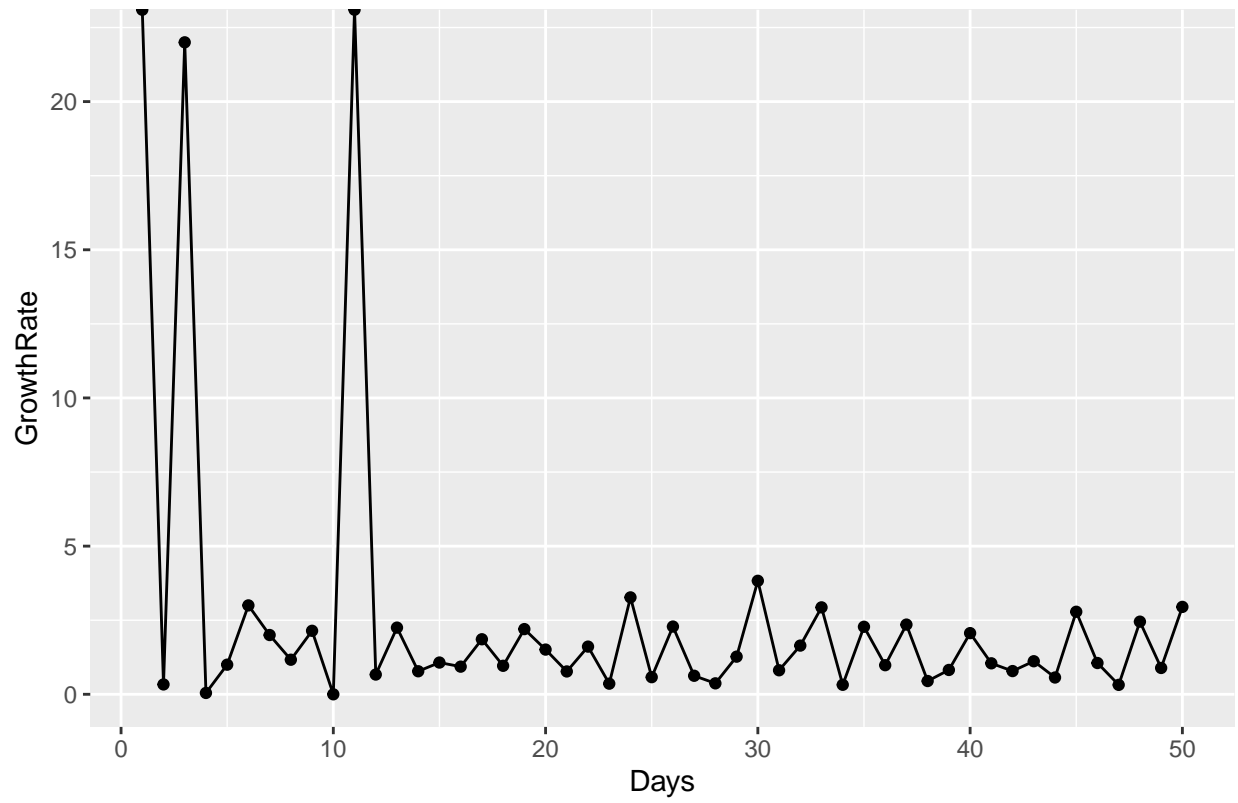
India: Daily Cases

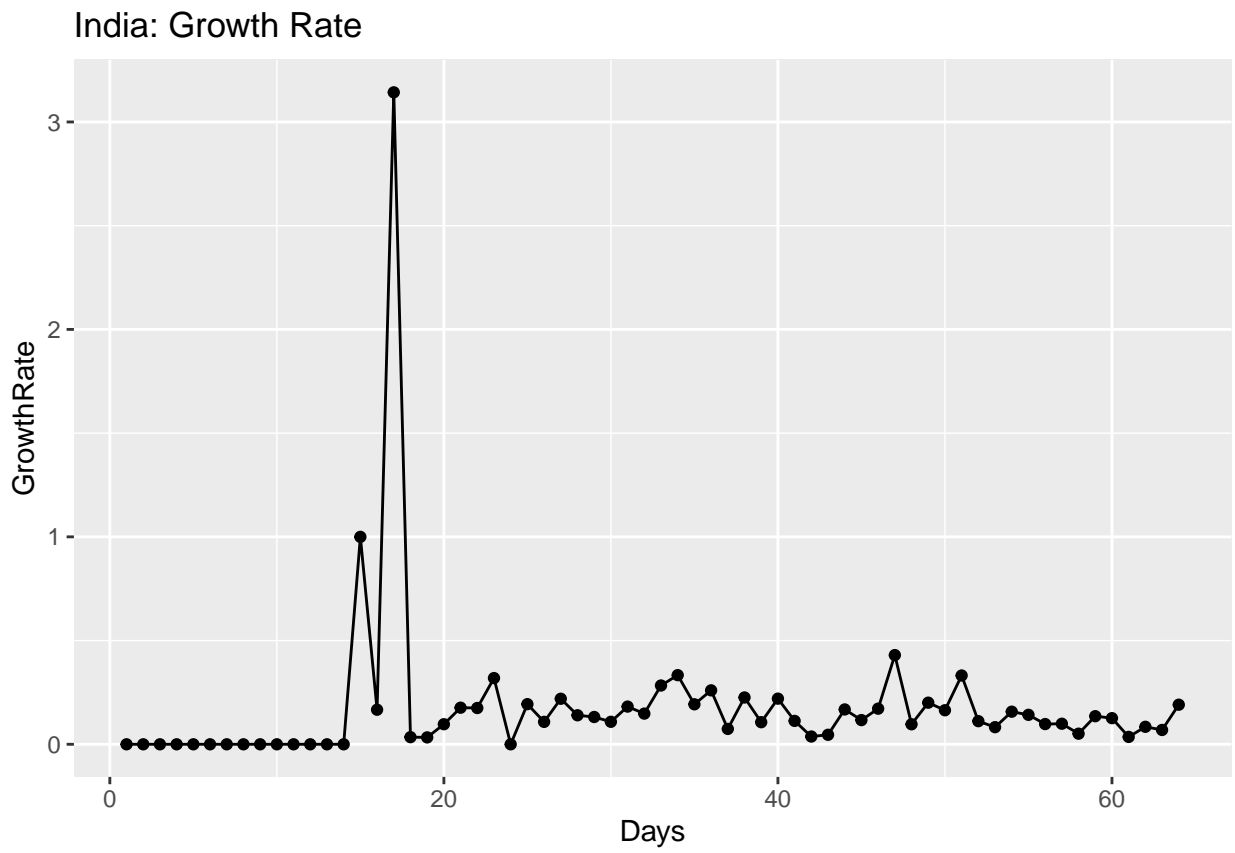


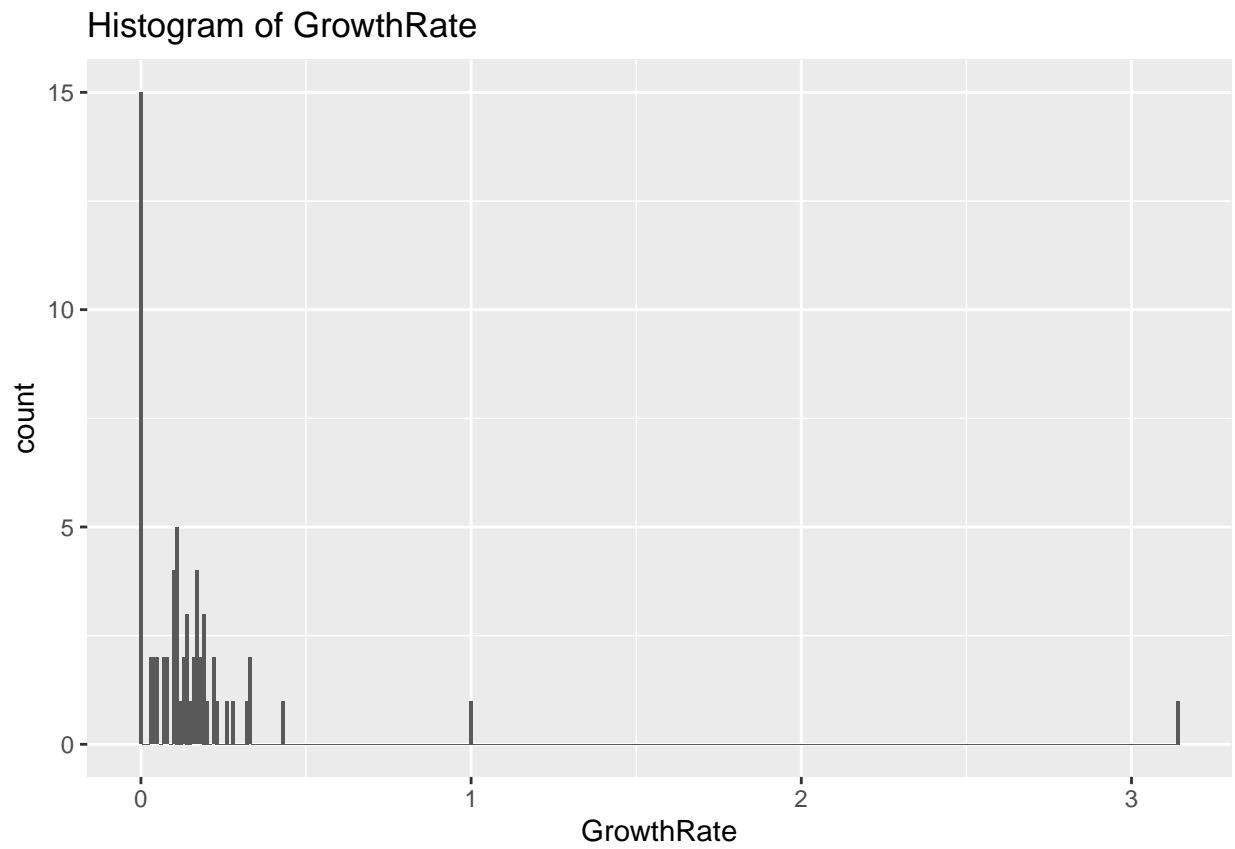
India: Daily Cases

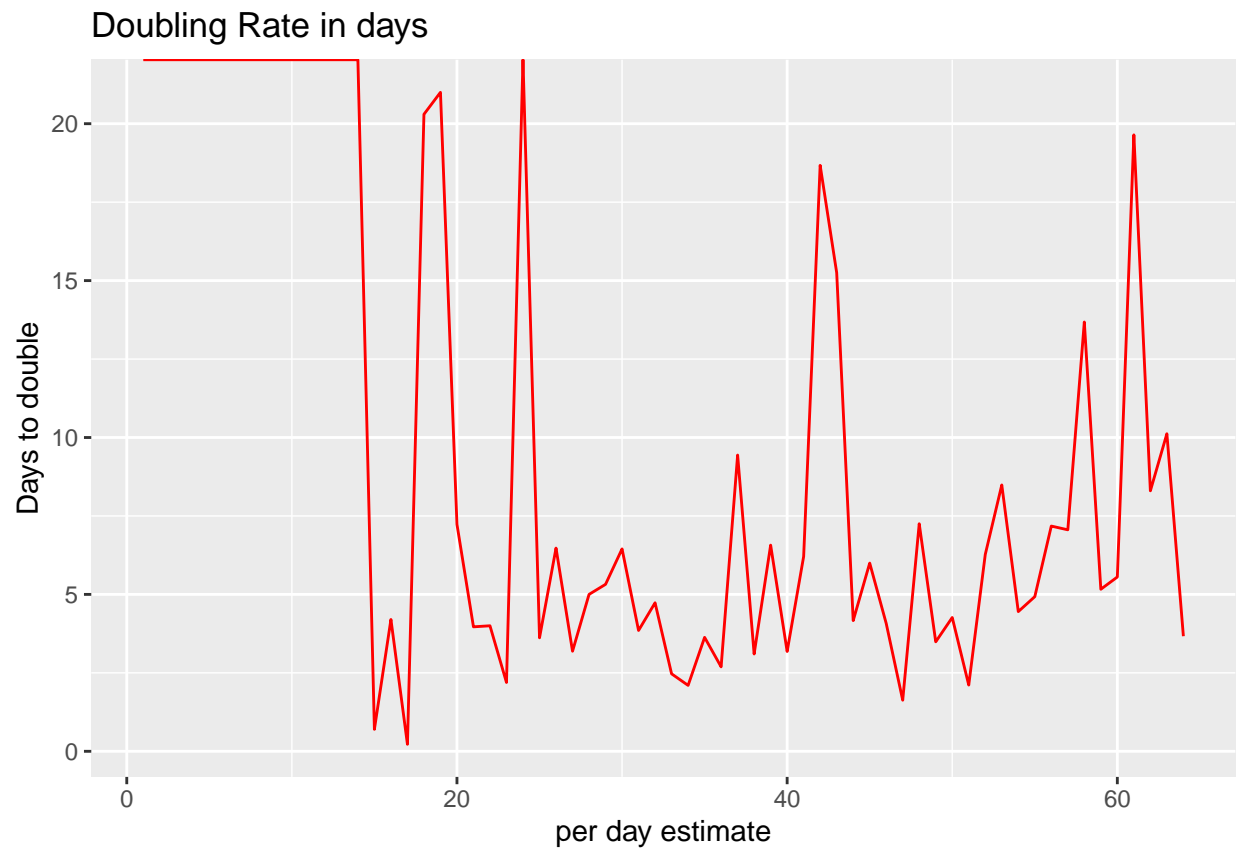


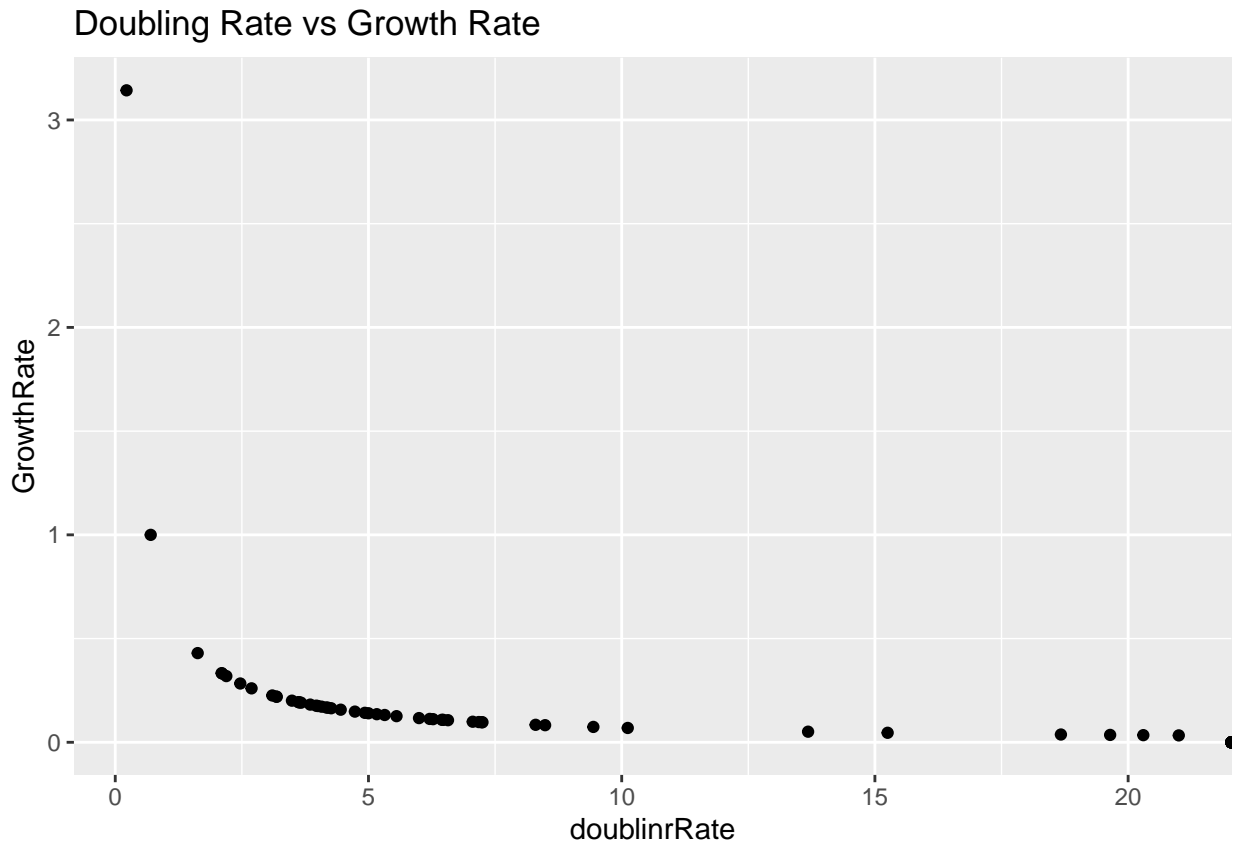
US: Rate of change in Growth Rate

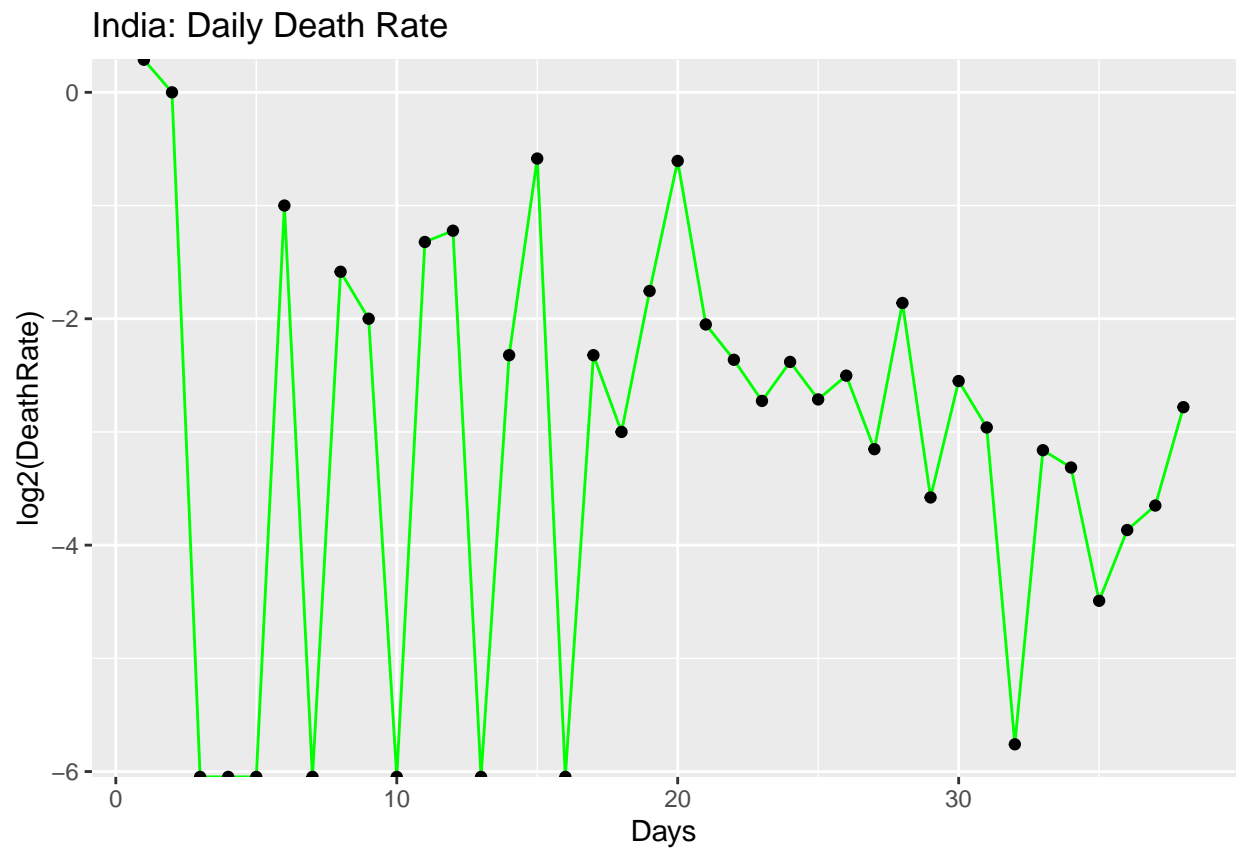


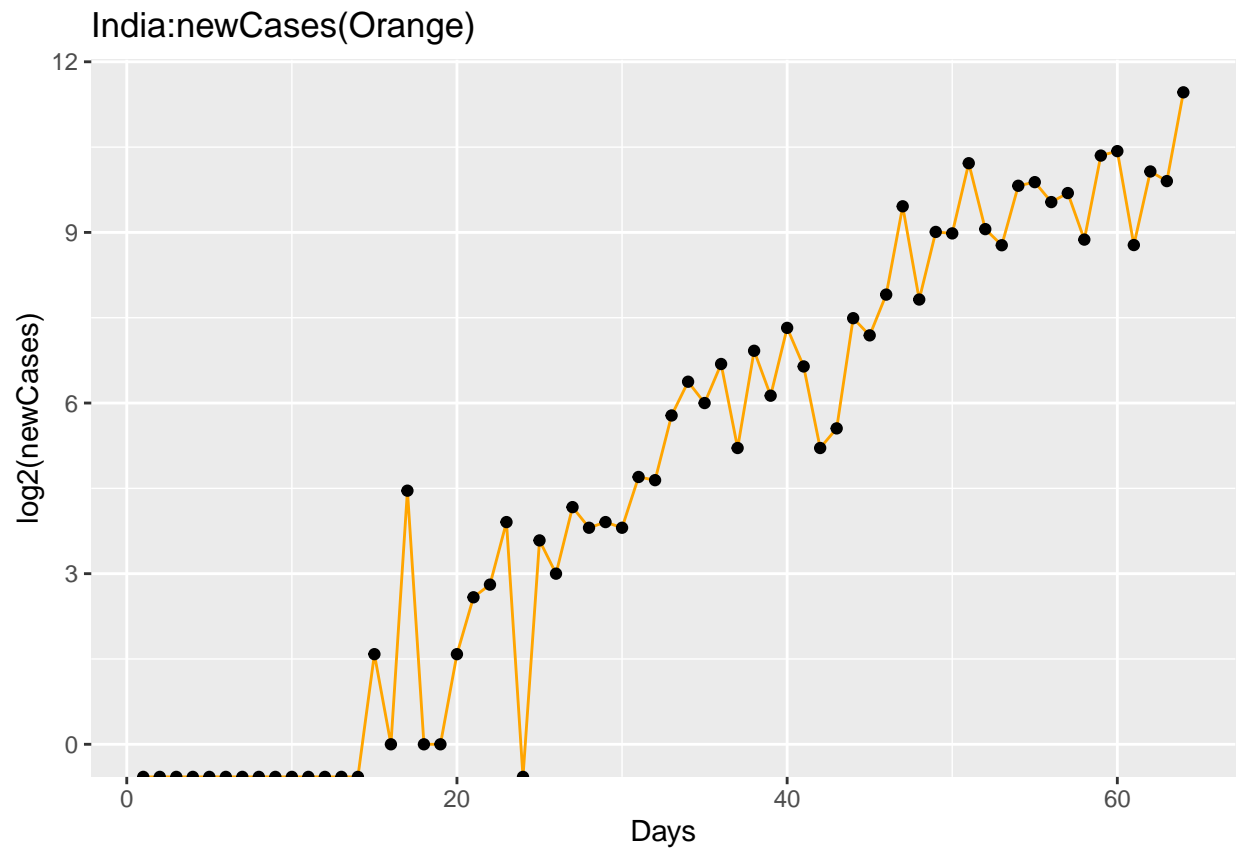




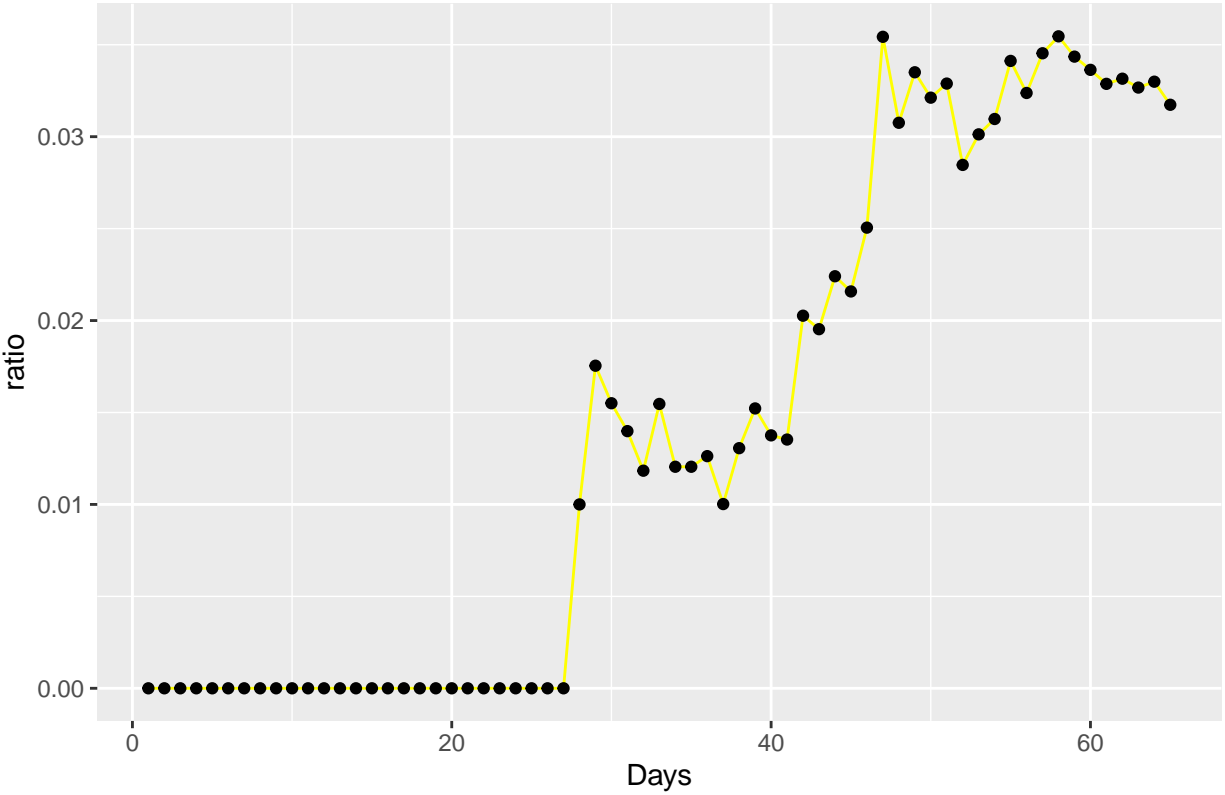


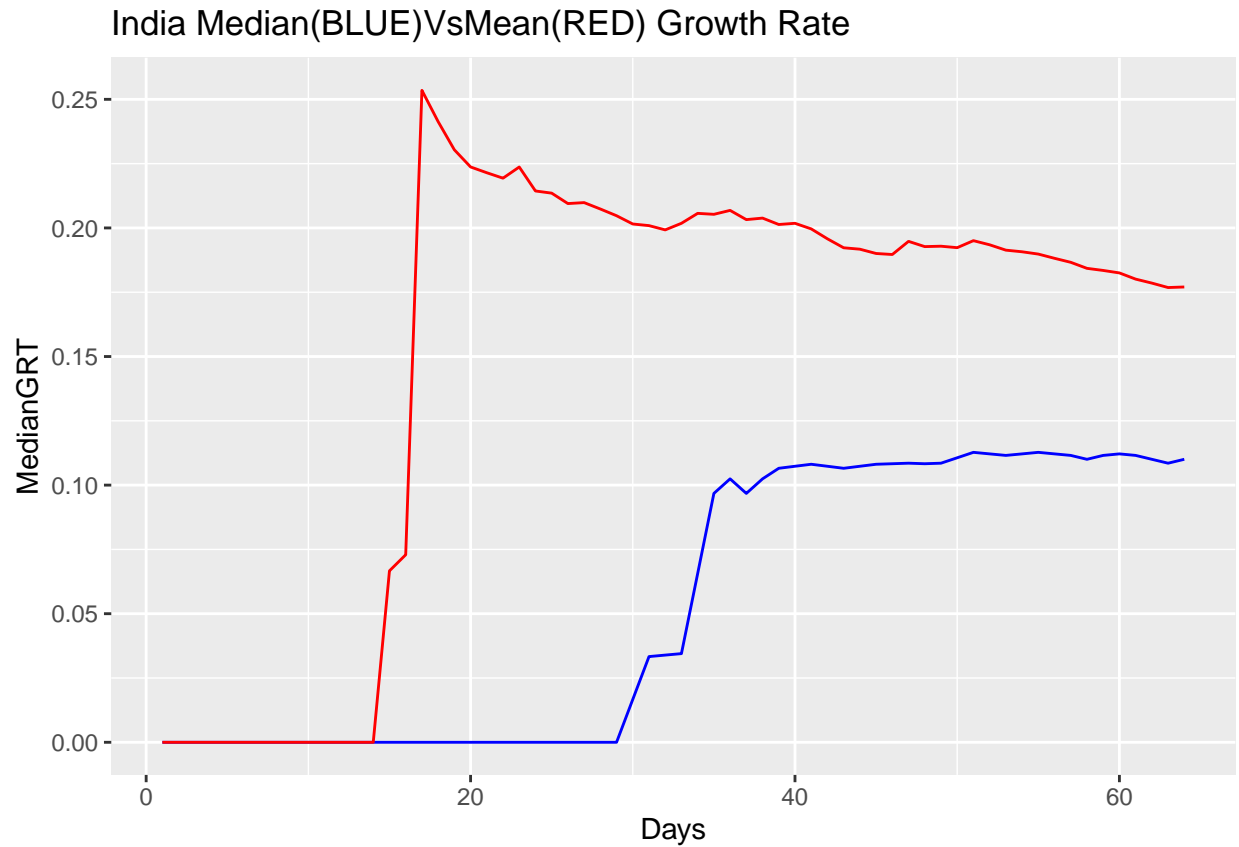






India: TotalDeaths/TotalCases





Results:

- Tomorrow's predicted case number is between 2.0976759×10^4 and 2.073354×10^4 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 **19.0846403** percent.
- Mean Growth Rate: **17.703889** percent.
- Median Growth Rate: **11.0040041** percent.
- Standard deviation: +/- **40.4679504**.