

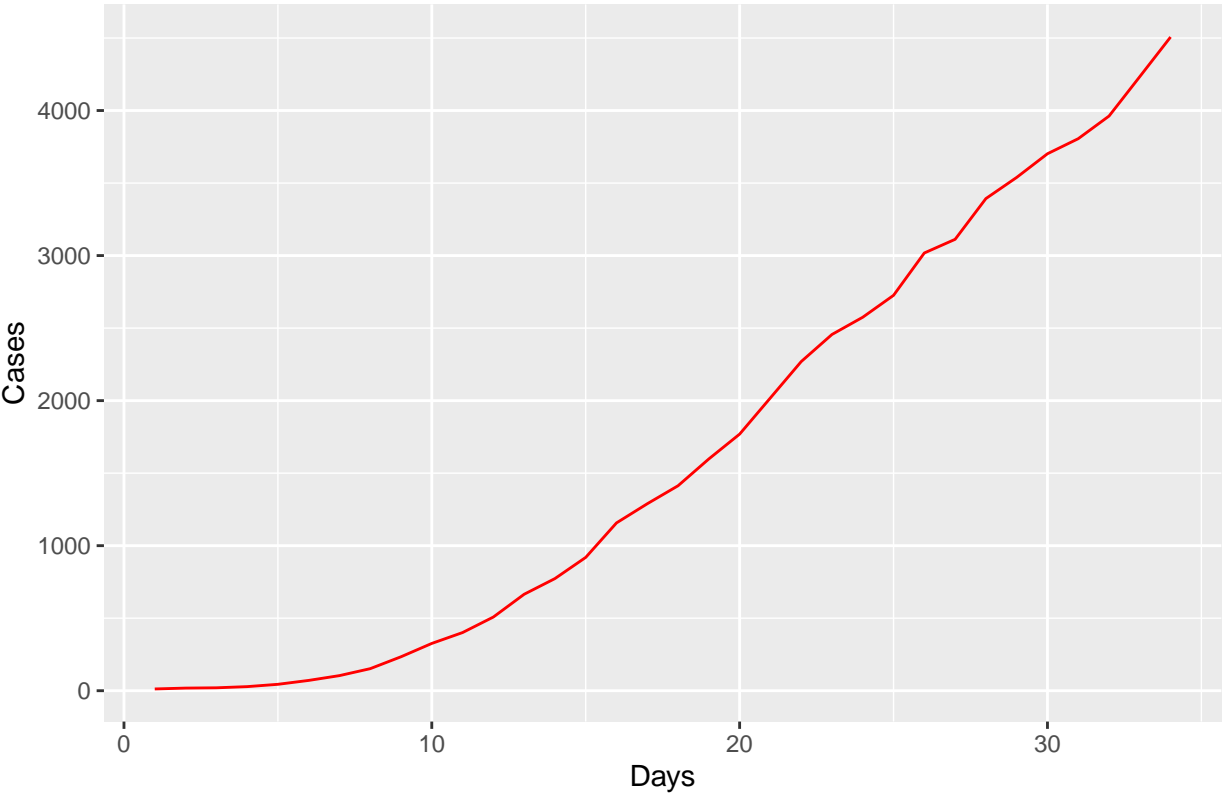
Arizona/US/India Corona Trends- 17th April 2020 with tomorrow's prediction

Whitchurch Muthumani

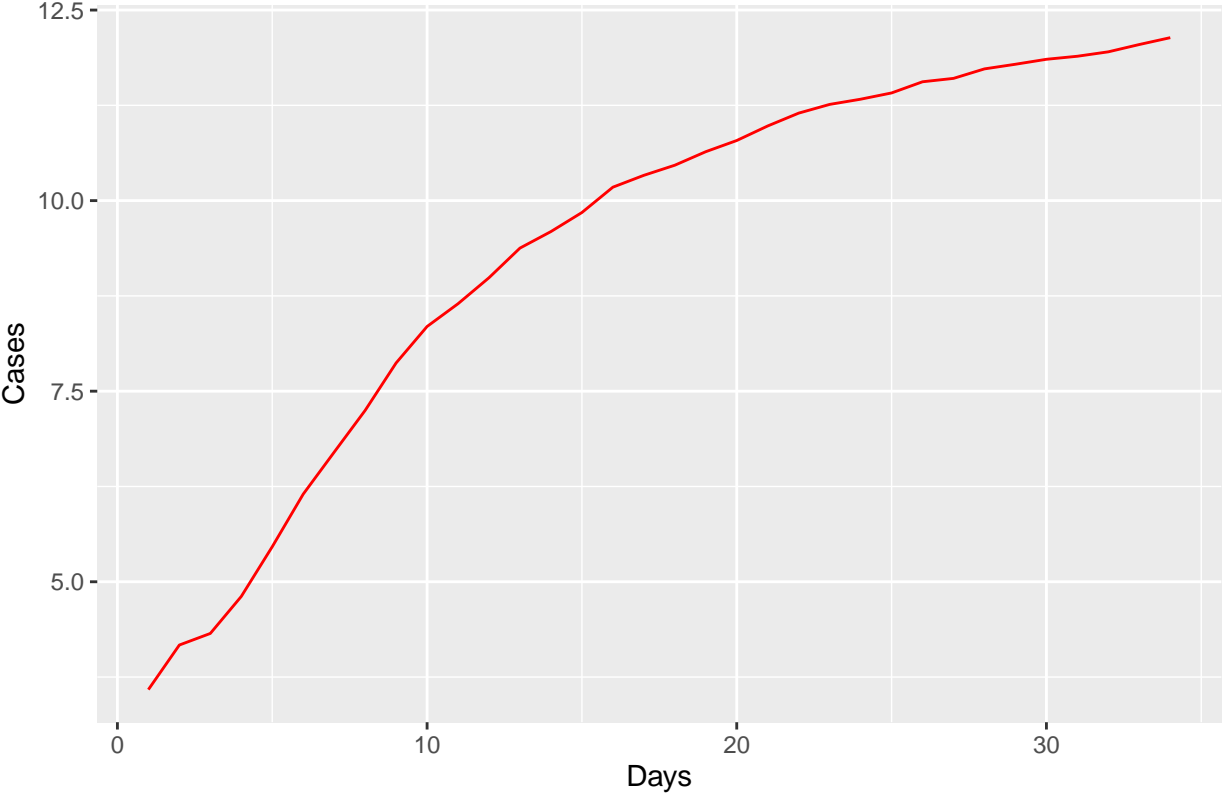
4/17/2020

Arizona Corona Dashboard

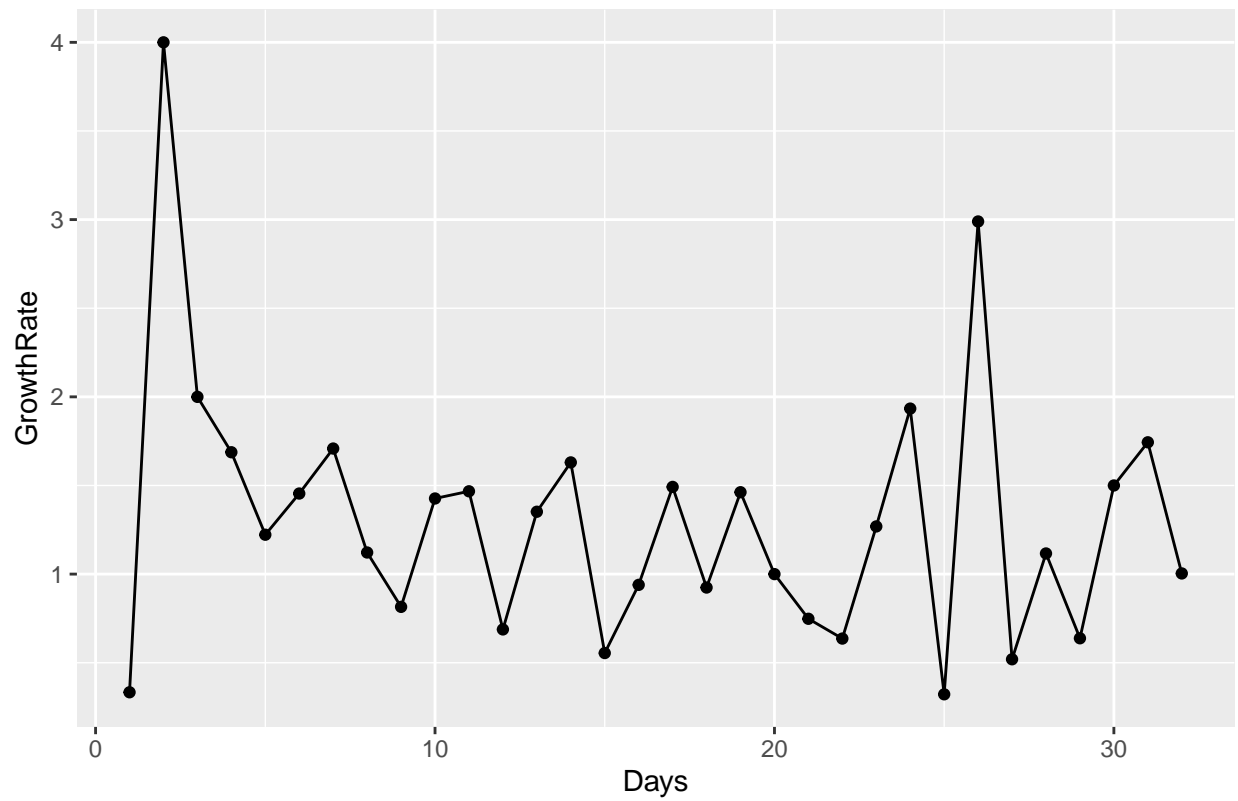
Arizona: Daily Cases

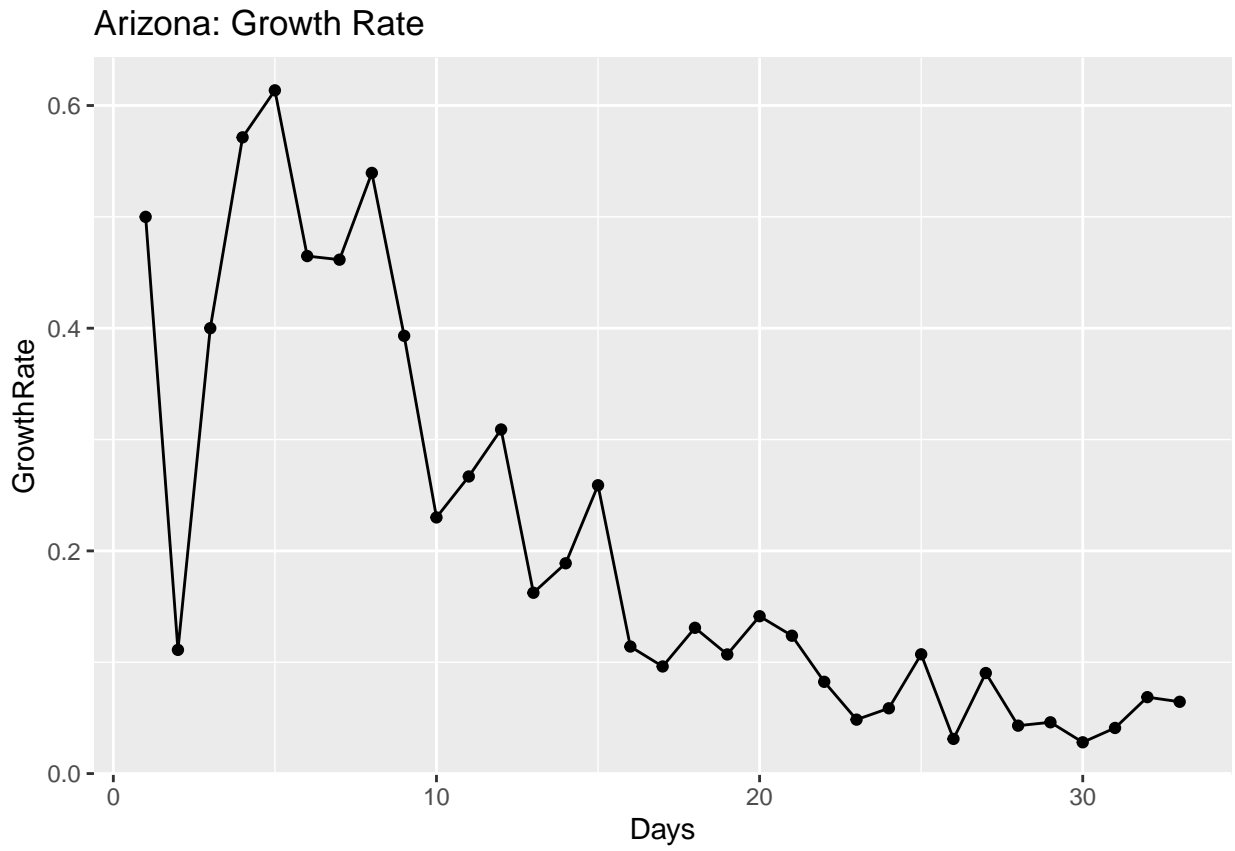


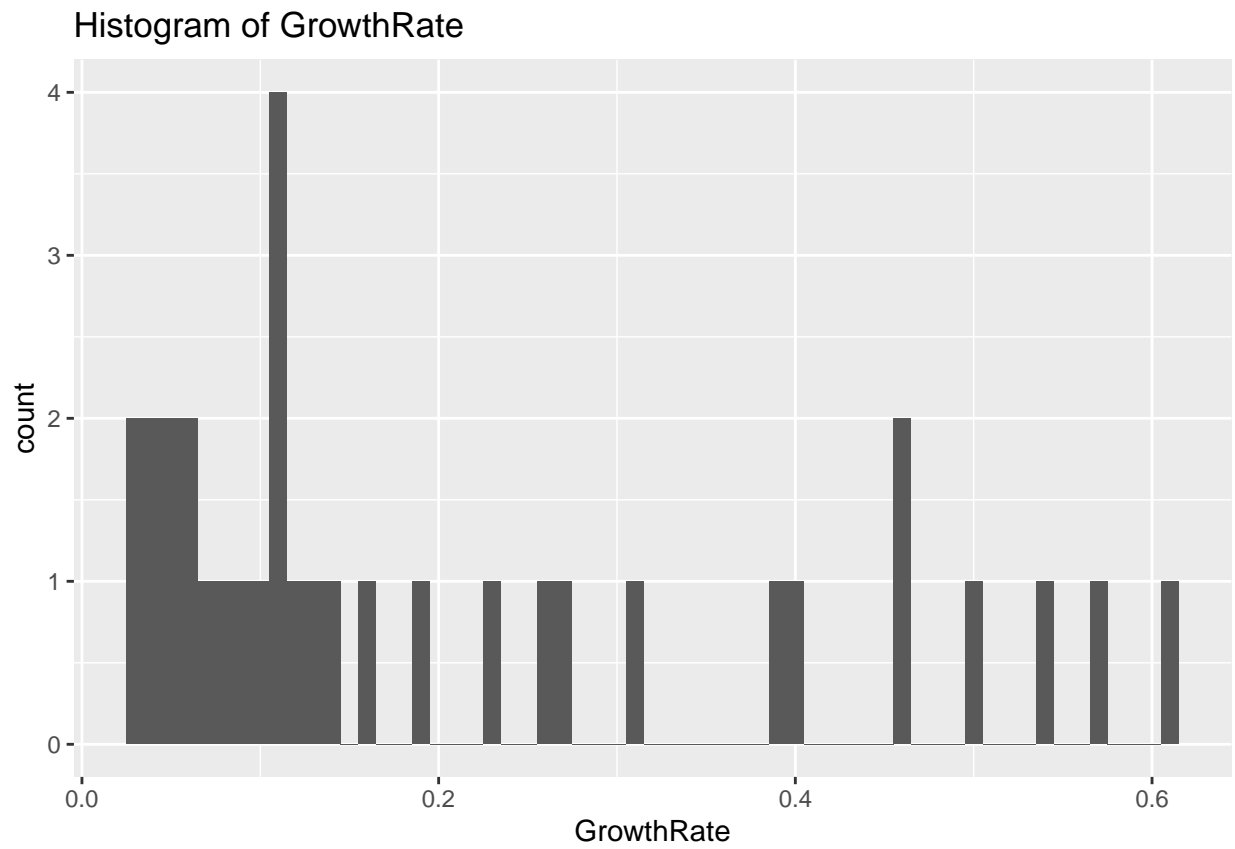
Arizona: Daily Cases

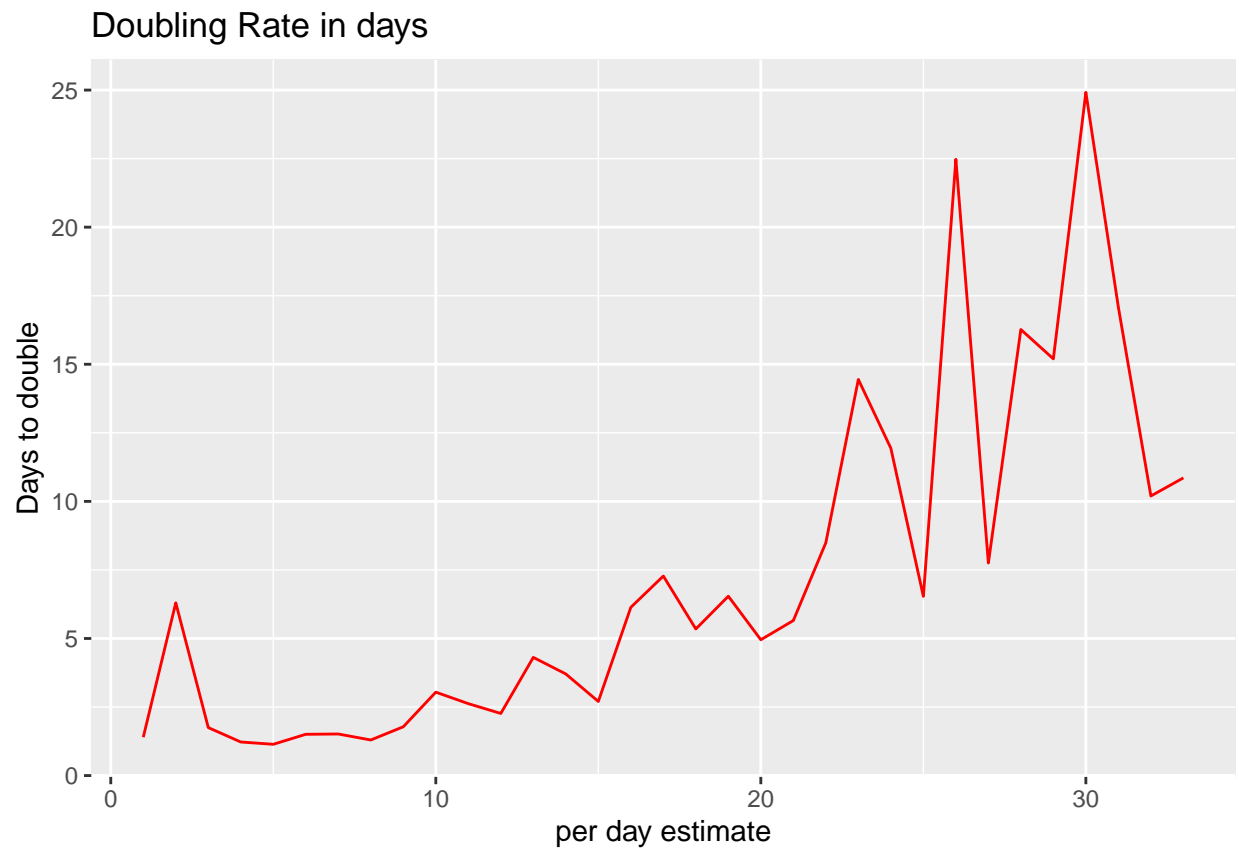


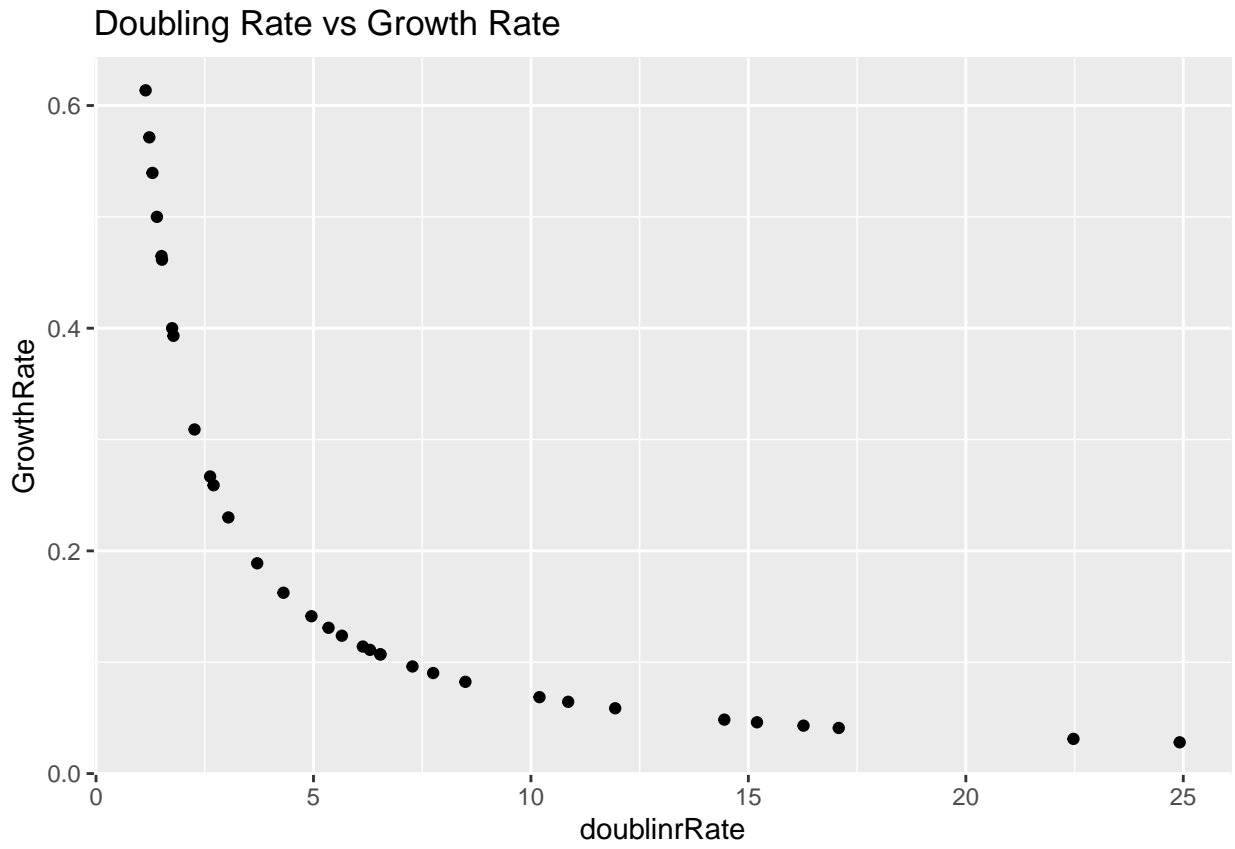
Arizona: Rate of change in Growth Rate

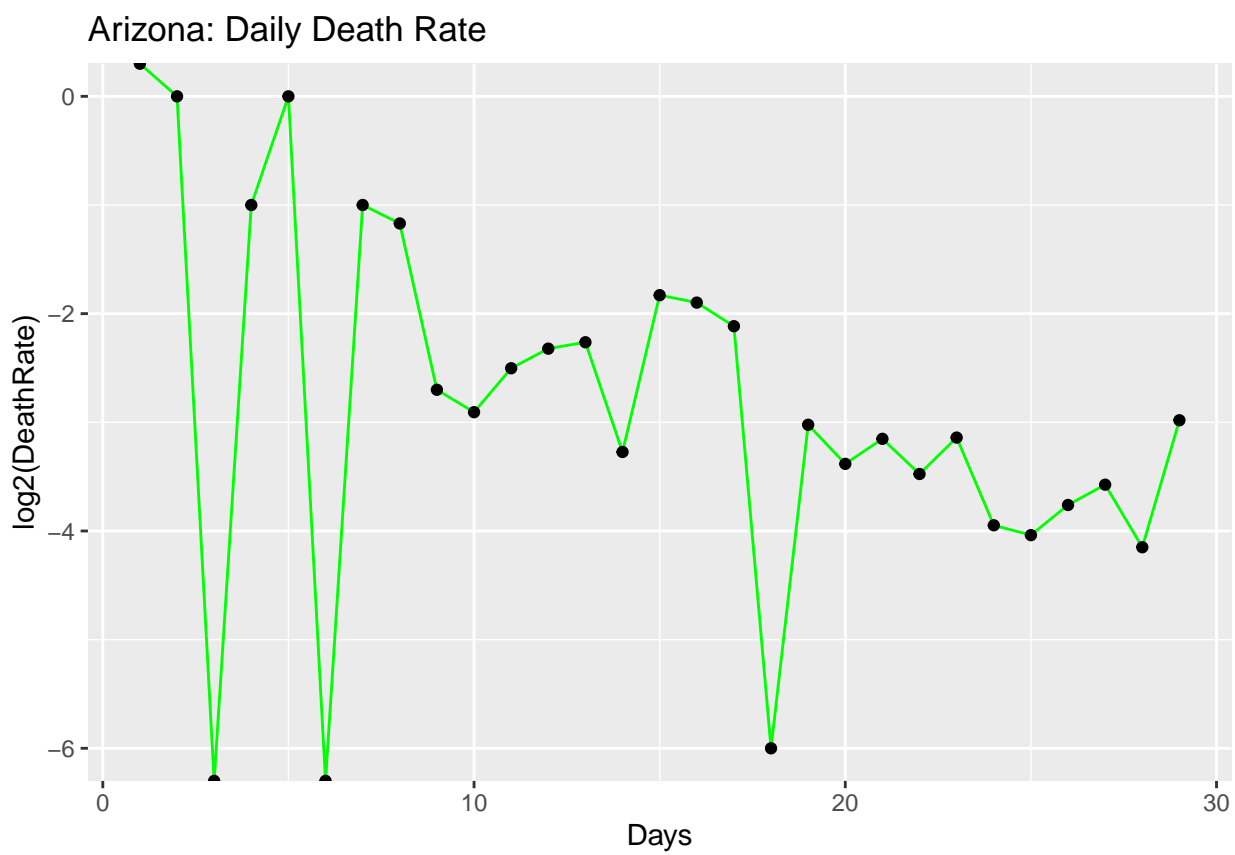


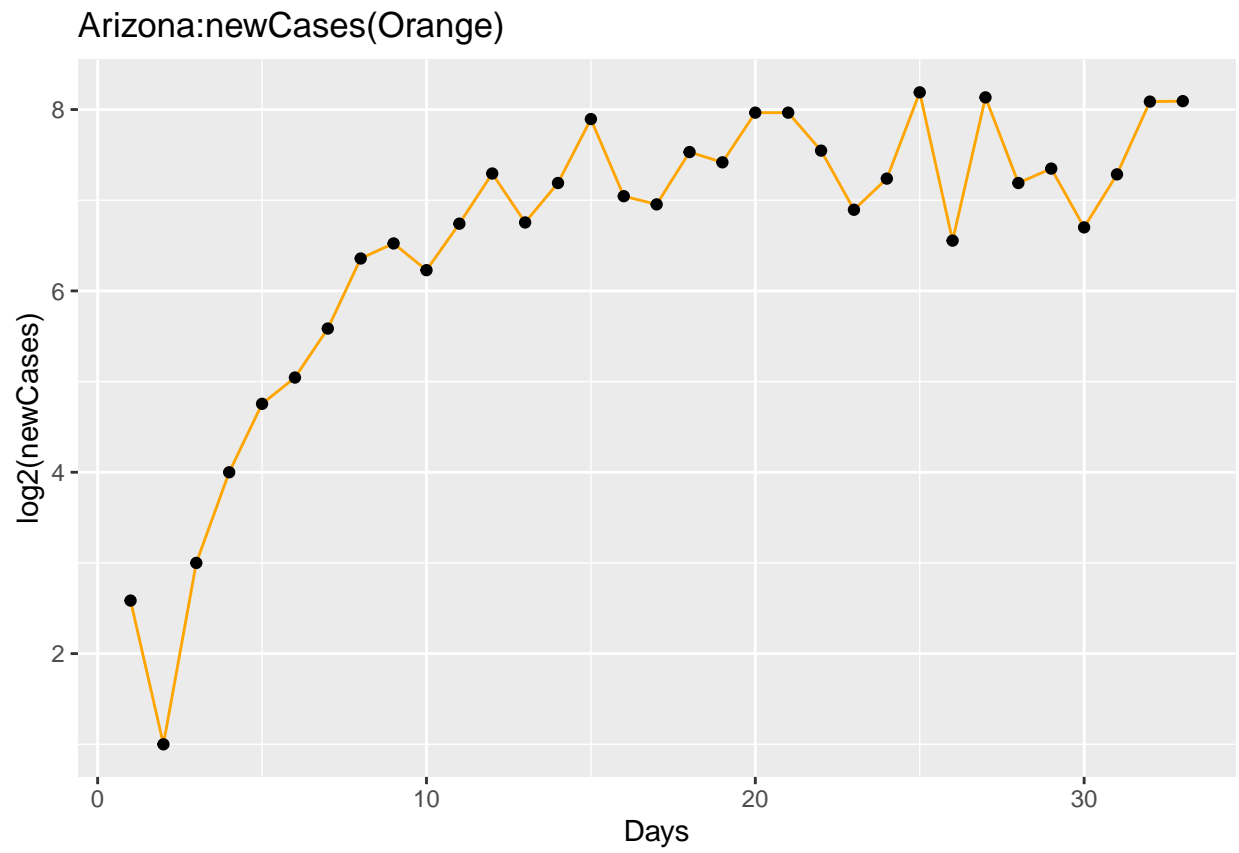




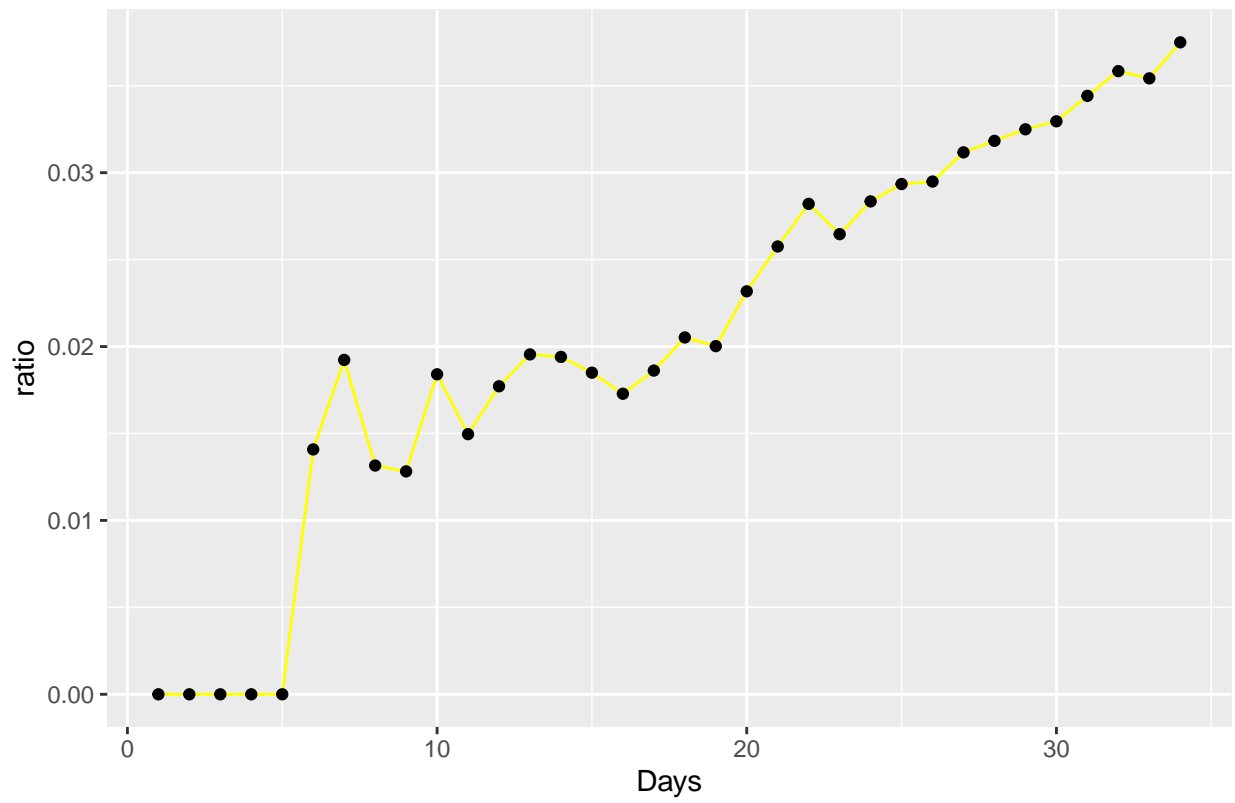


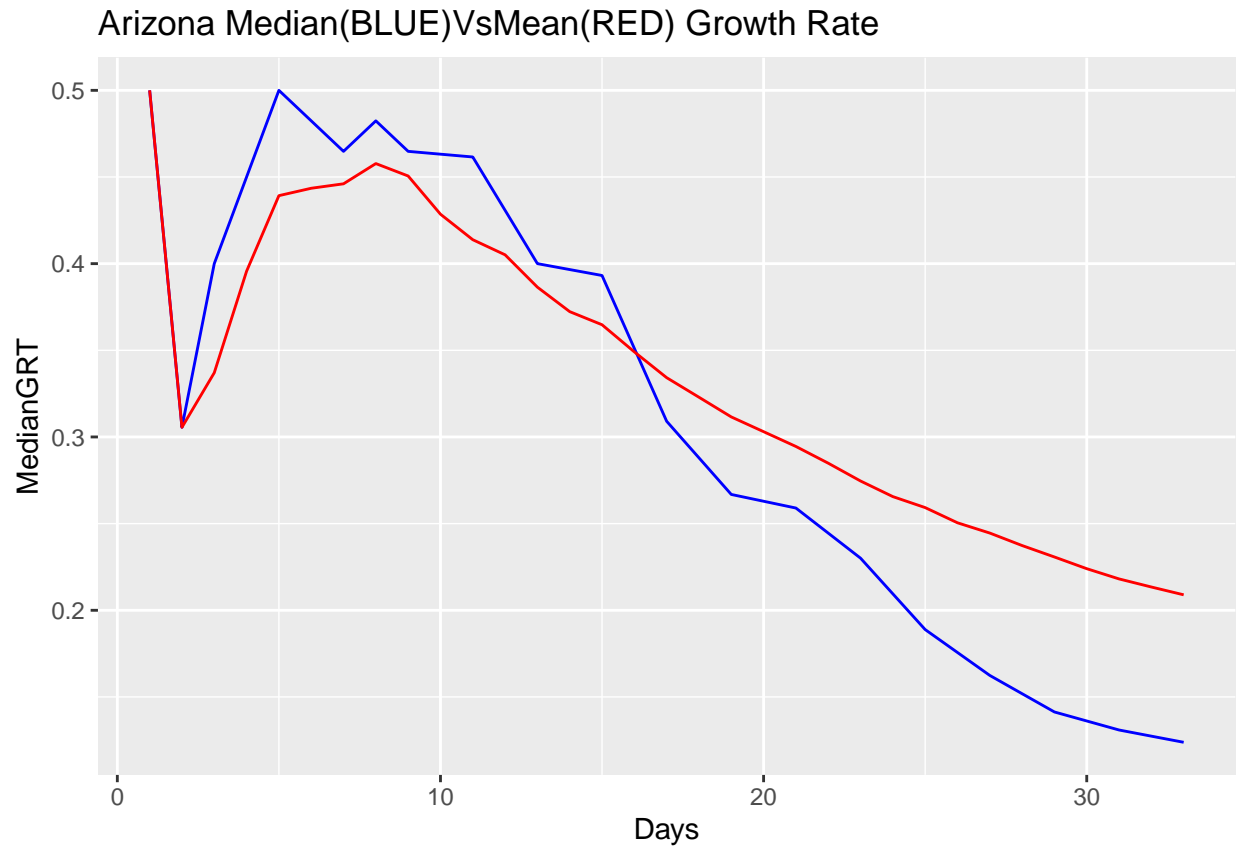






Arizona: TotalDeaths/TotalCases



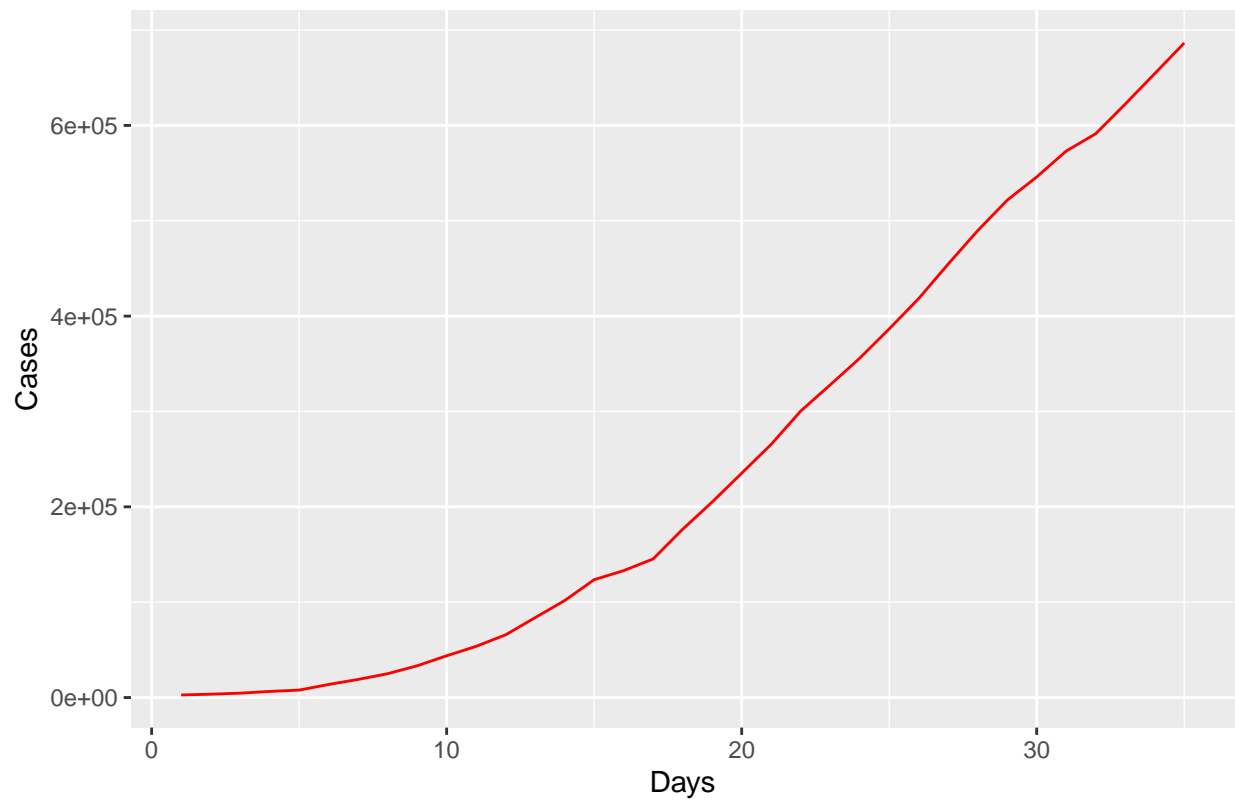


Results:

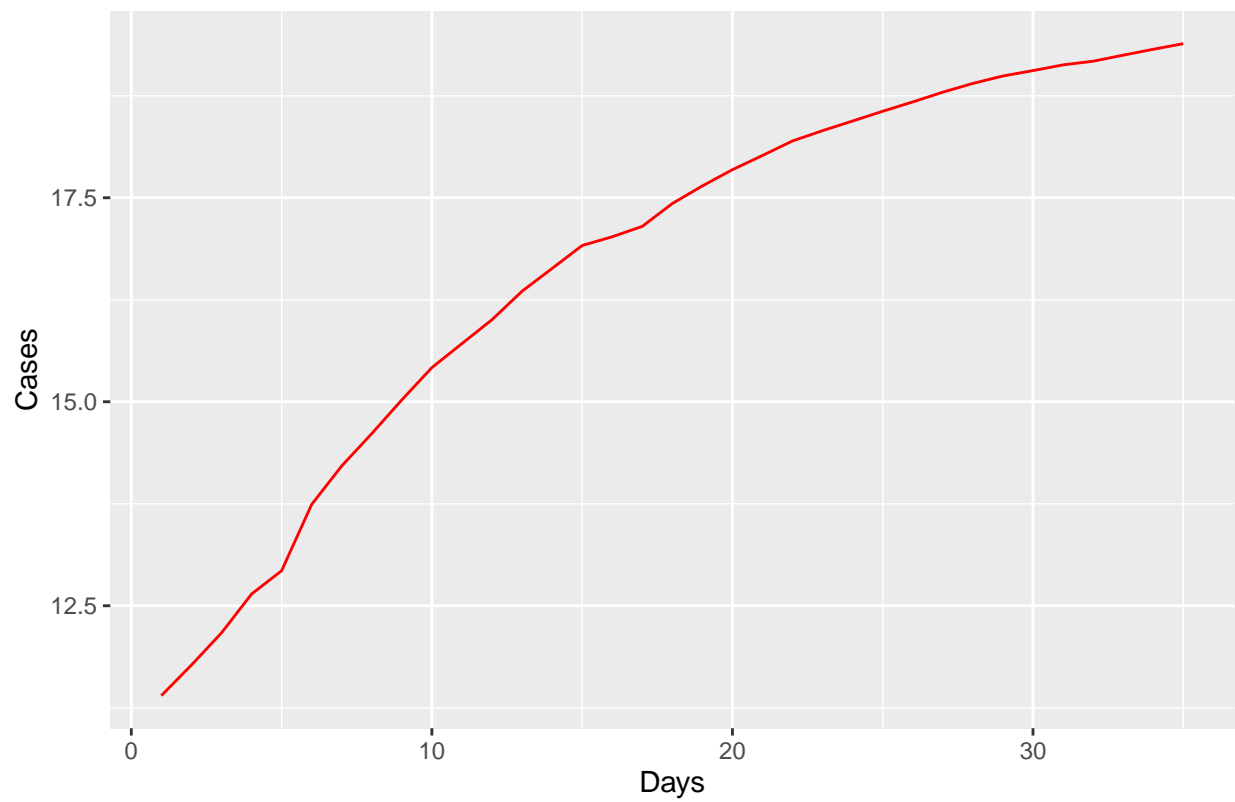
- Tomorrow's predicted case number is between **4797.6025035** and **5448.5644659** cases.
- Current doubling rate is **11 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **6 days**.
- Latest Observed Growth Rate **6.4478035** percent.
- Mean Growth Rate: **20.8911574** percent.
- Median Growth Rate: **12.3823675** percent.
- Standard deviation: +/- **18.0558594**.

US Corona Dashboard

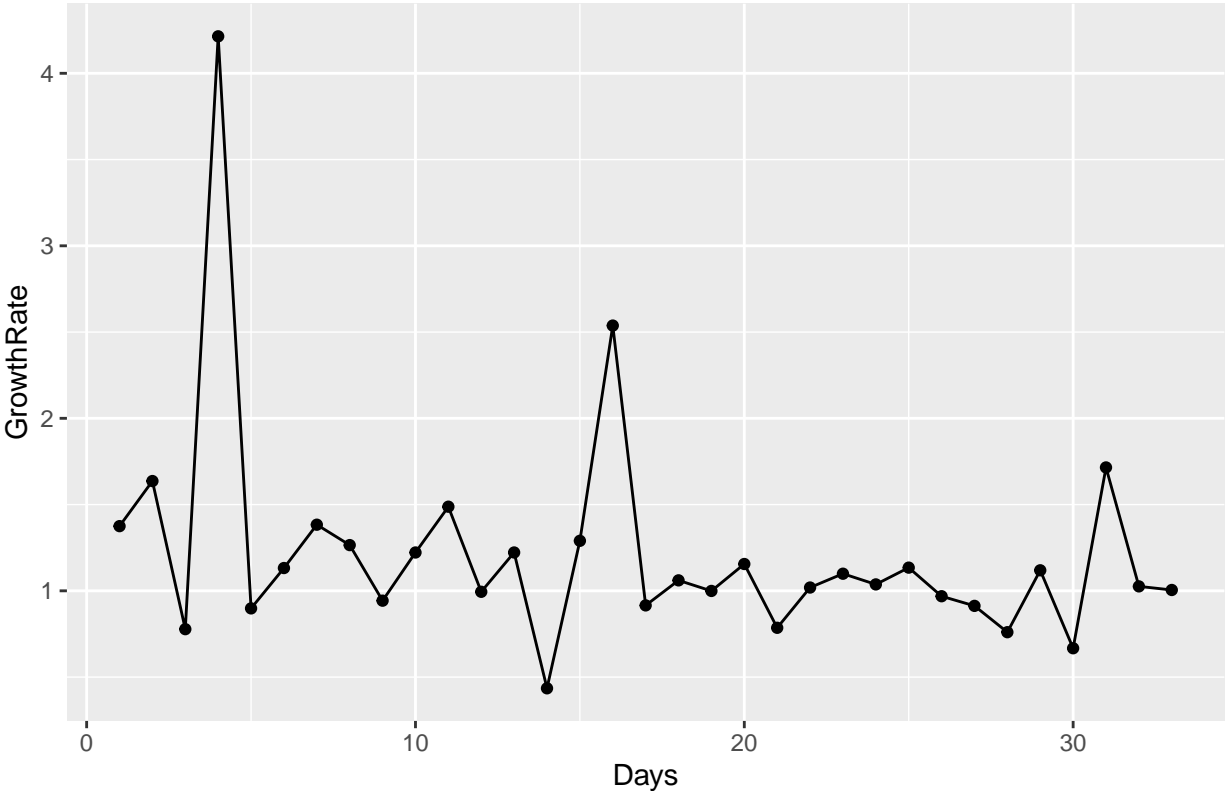
US: Daily Cases



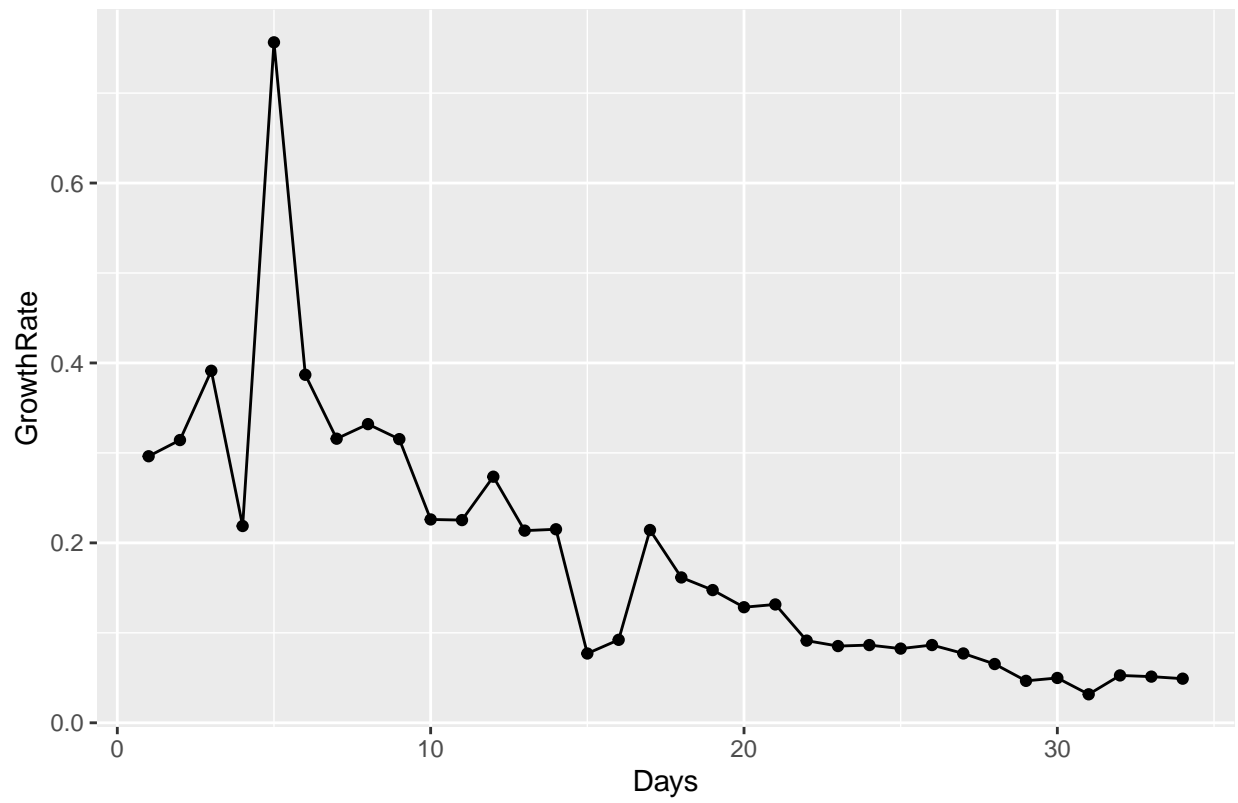
US: Daily Cases

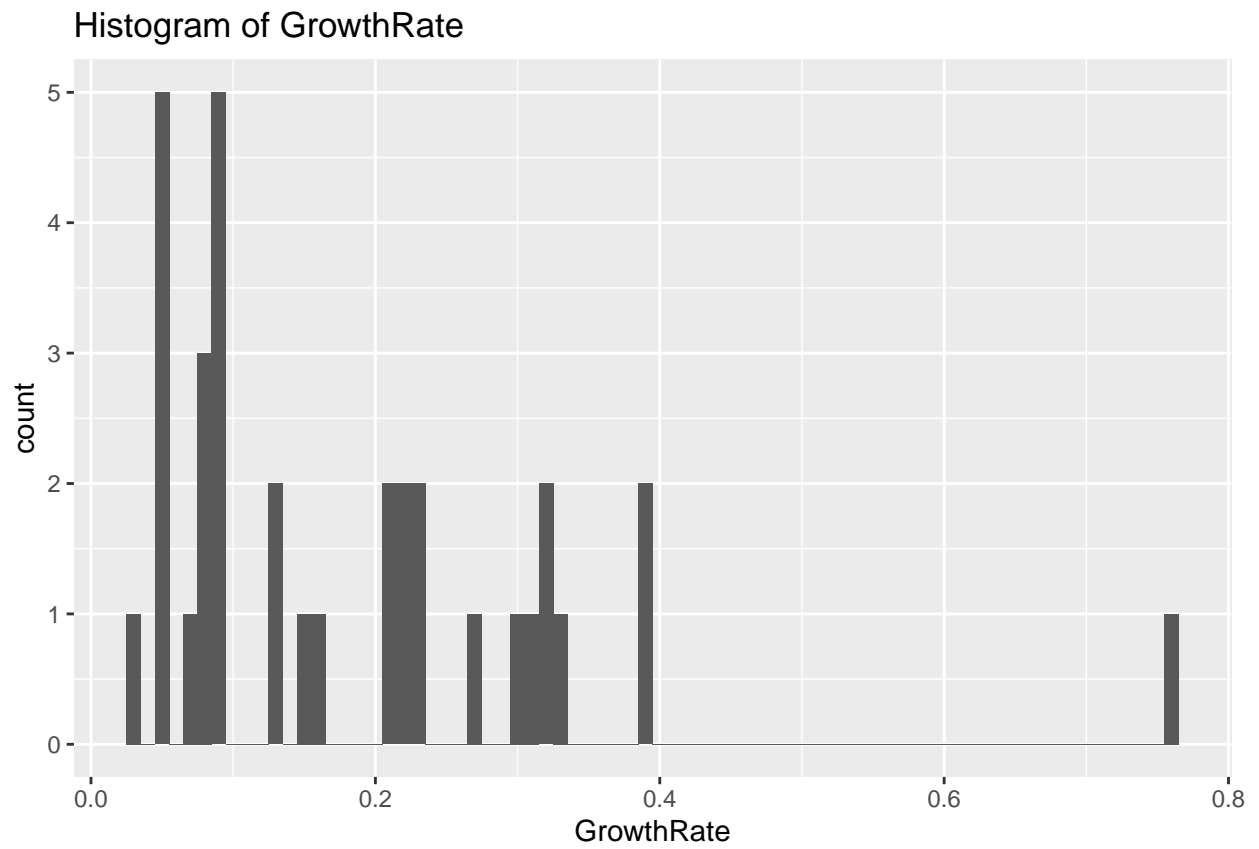


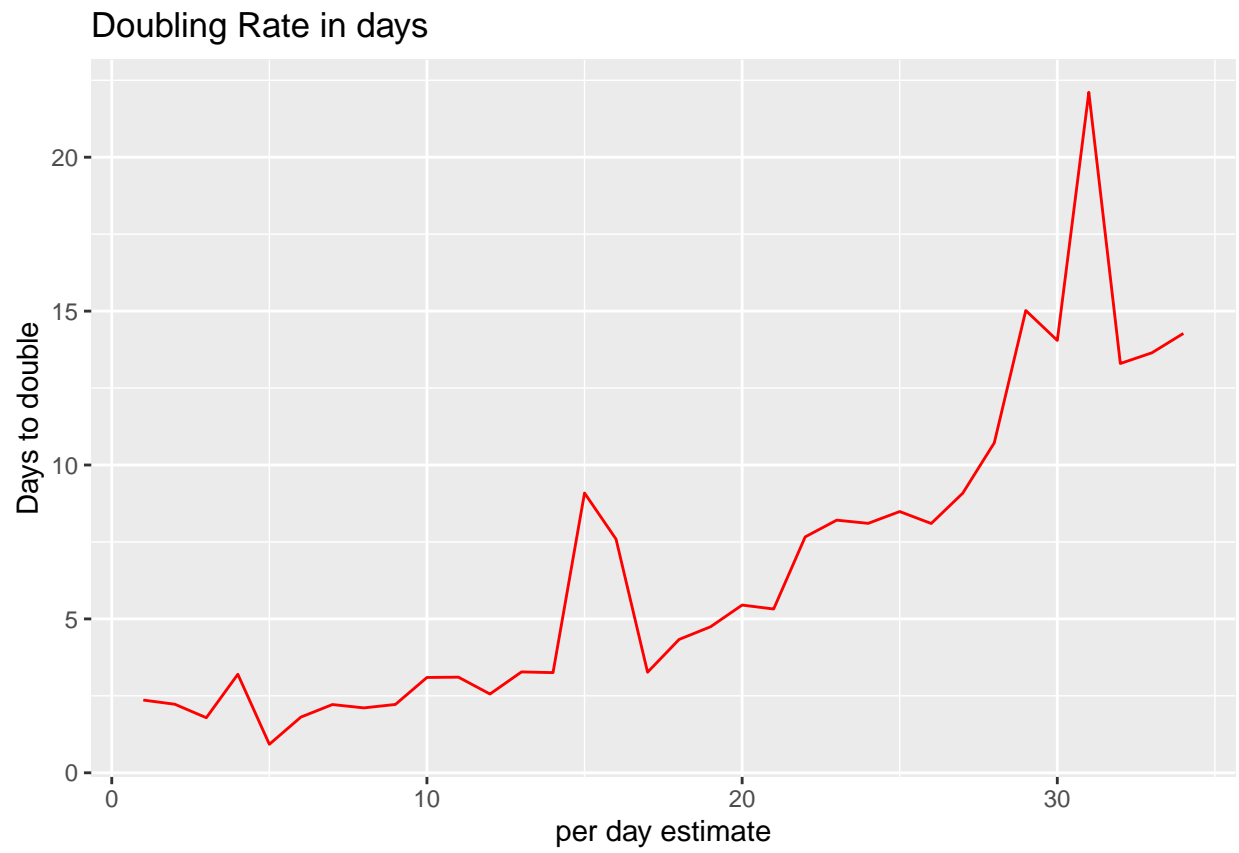
US: Rate of change in Growth Rate



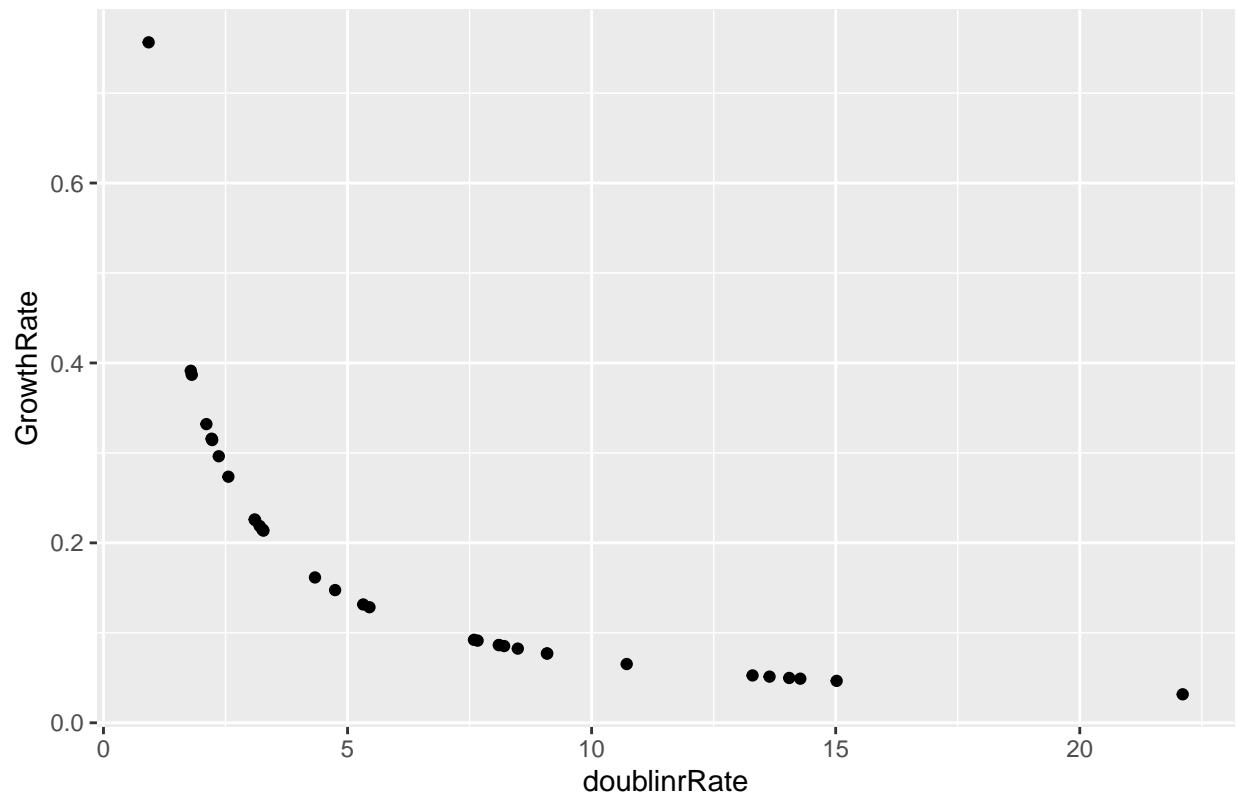
US: Growth Rate



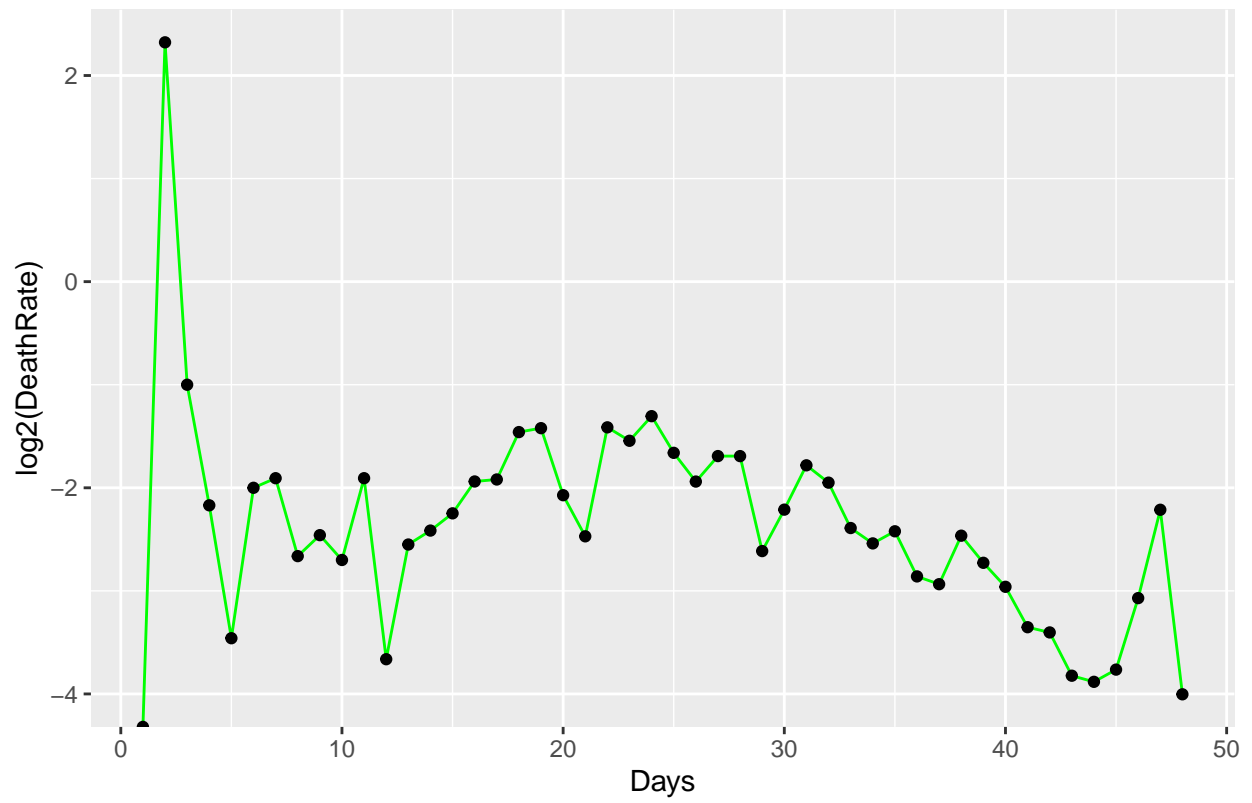


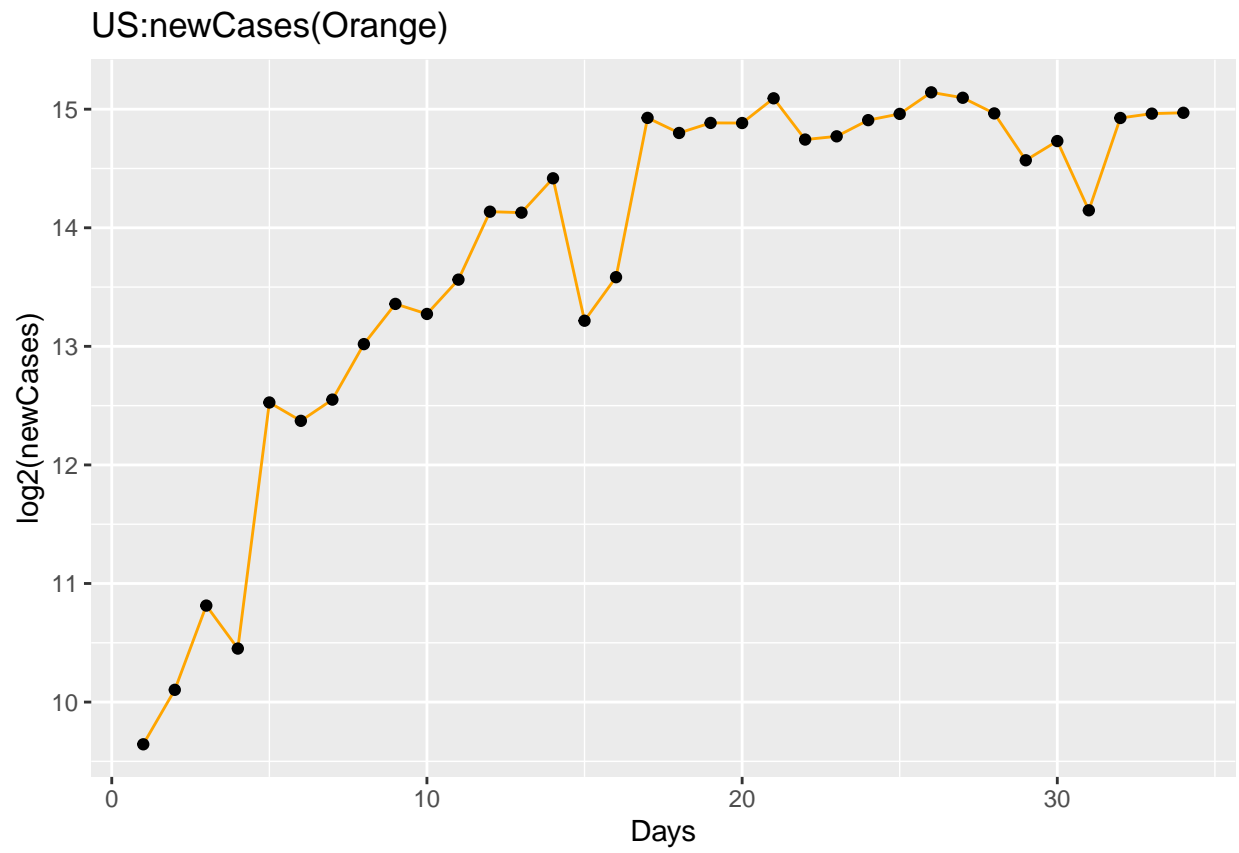


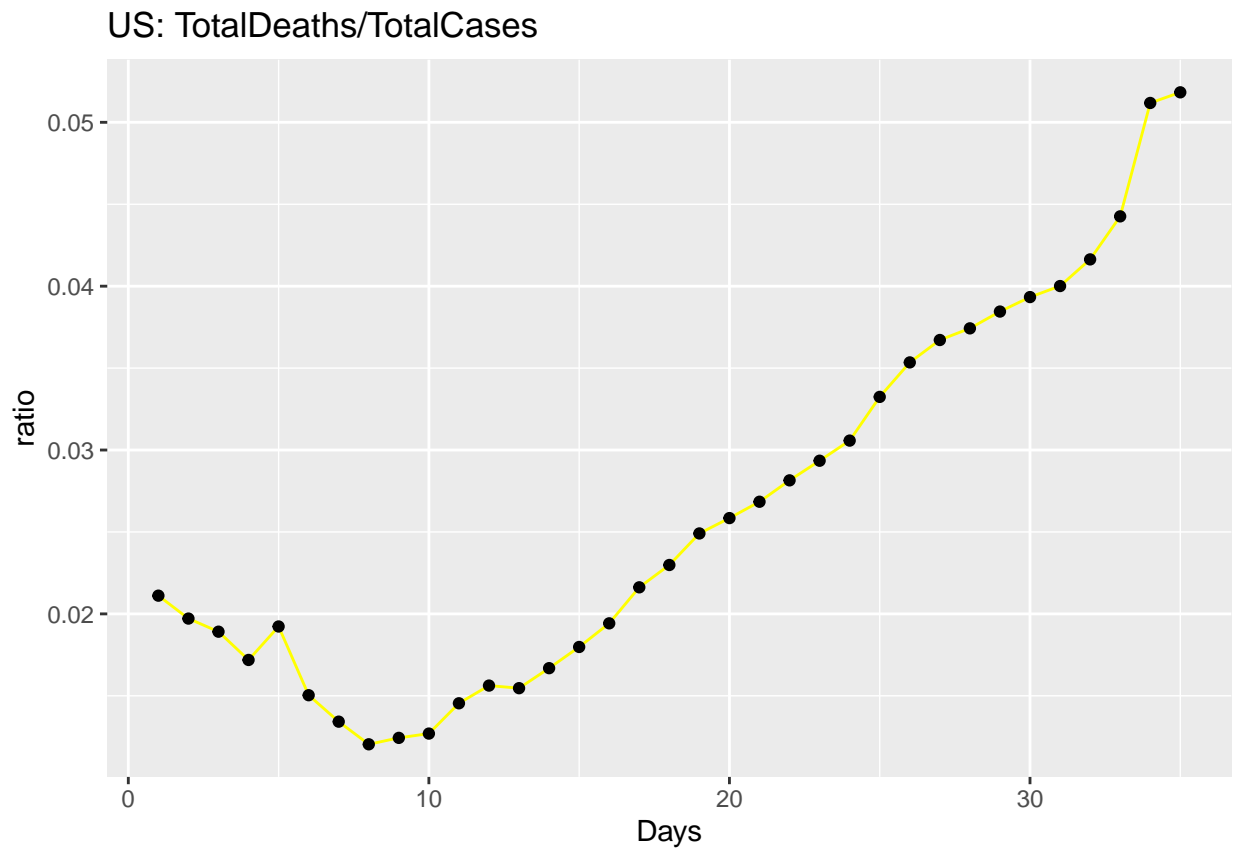
Doubling Rate vs Growth Rate

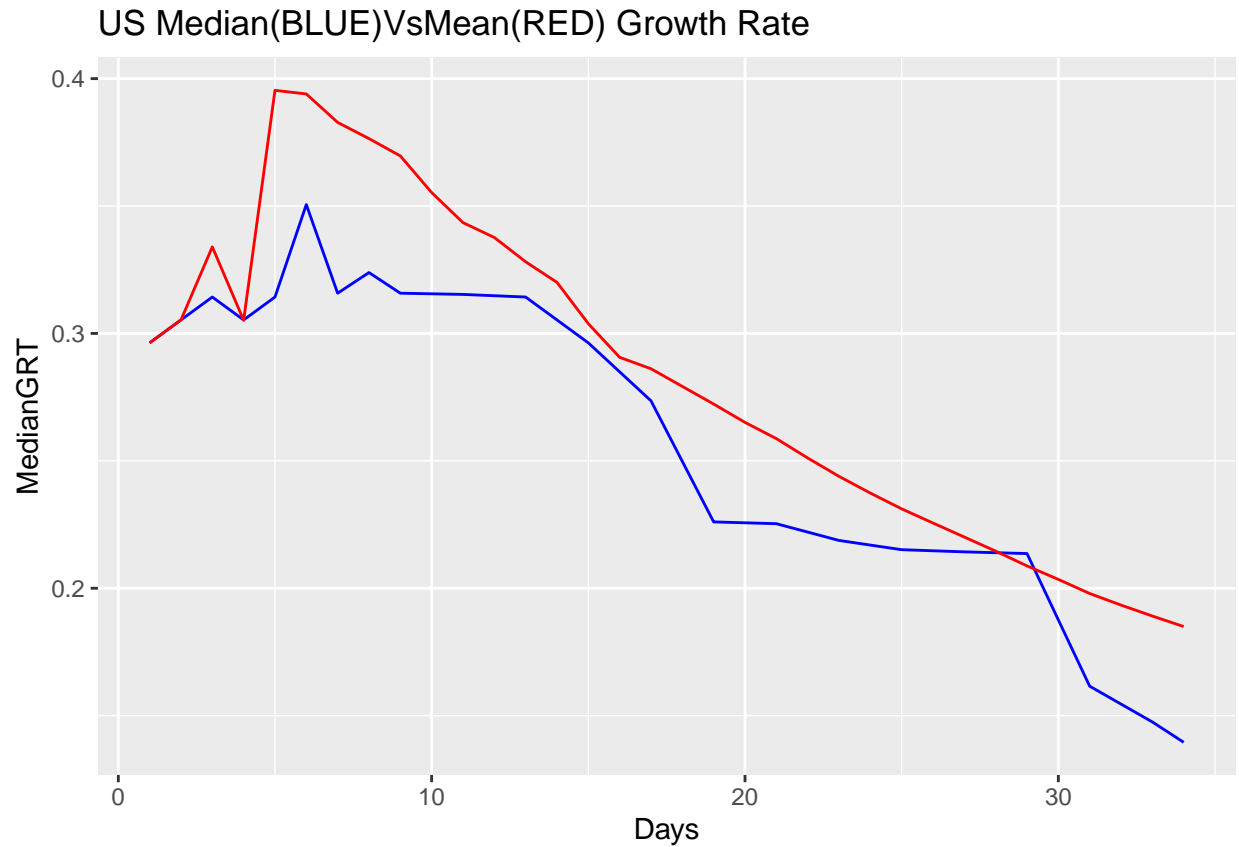


US: Daily Death Rate







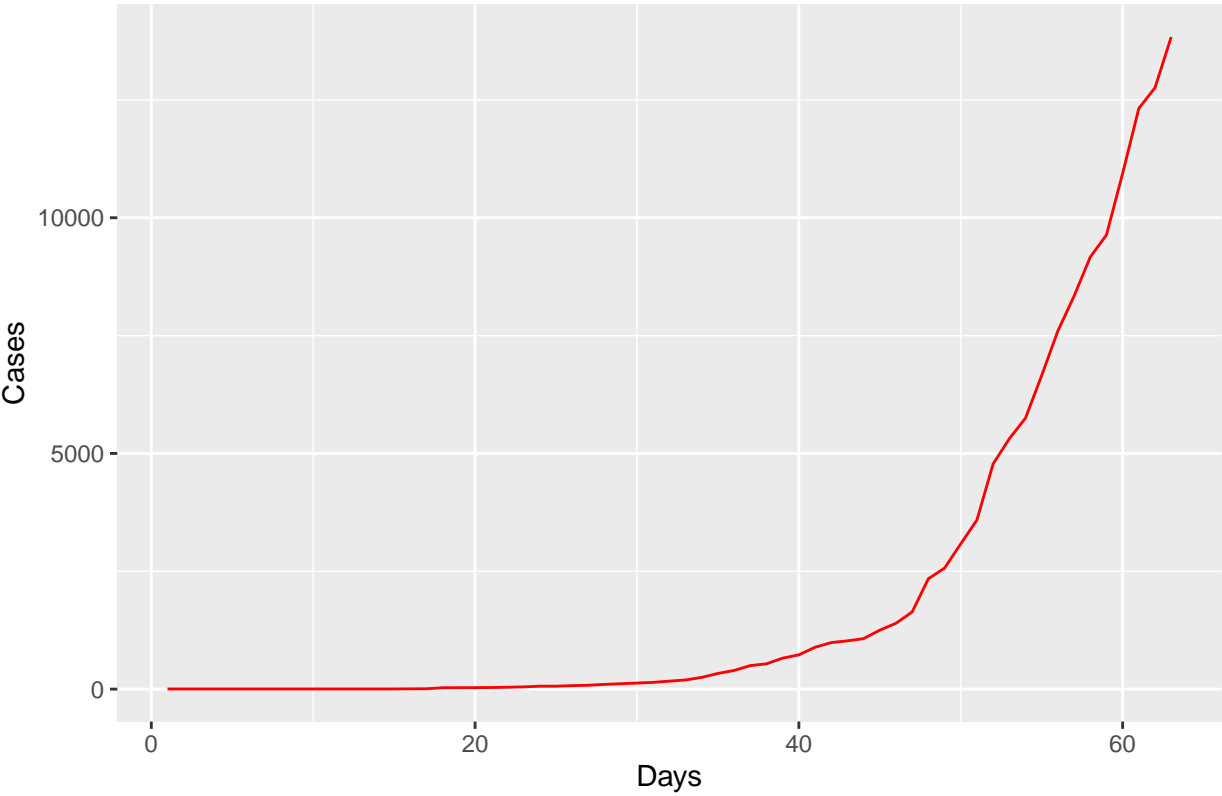


Results:

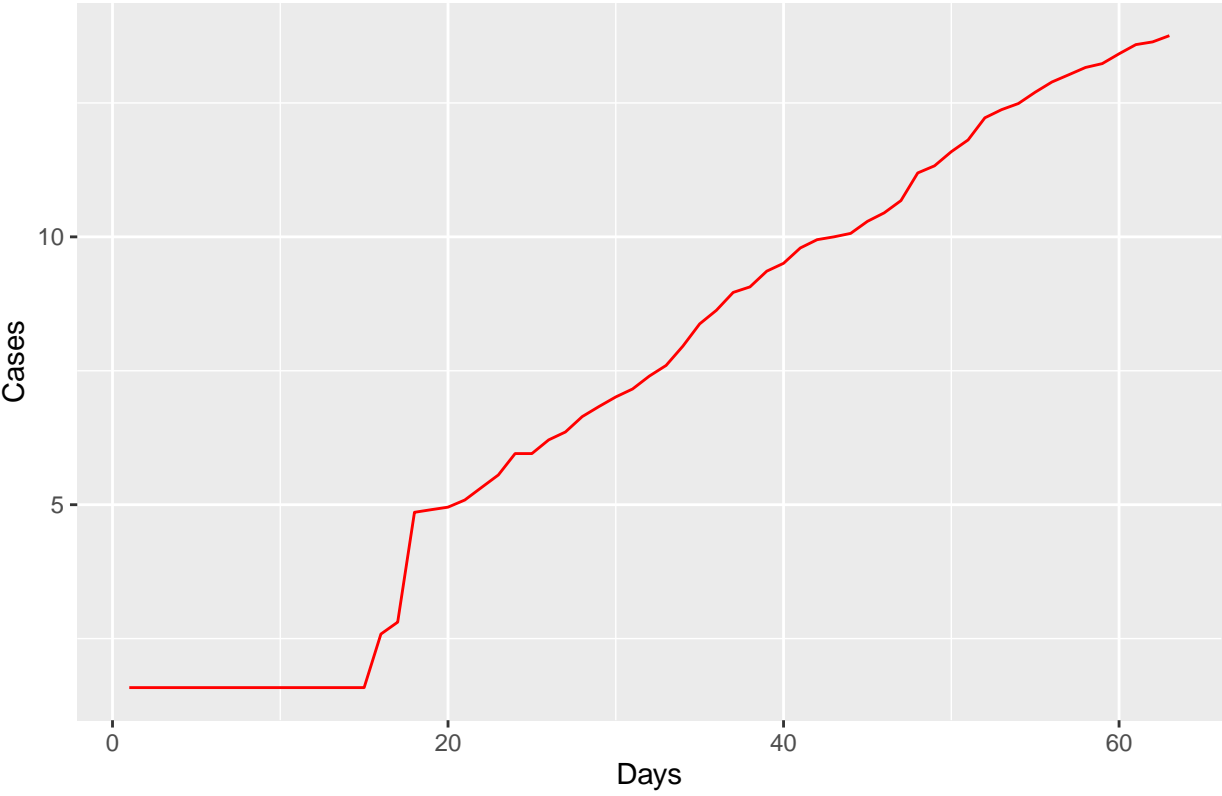
- Tomorrow's predicted case number is between 7.2009255×10^5 and 8.1339187×10^5 cases.
- Current doubling rate is **14 days**
- Mean doubling rate, i.e number of cases doubles every **4 days**.
- Median doubling rate, i.e number of cases doubles every **5 days**.
- Latest Observed Growth Rate **4.9038501** percent.
- Mean Growth Rate: **18.495795** percent.
- Median Growth Rate: **13.9530664** percent.
- Standard deviation: +/- **14.8450099**.

India Corona Dashboard

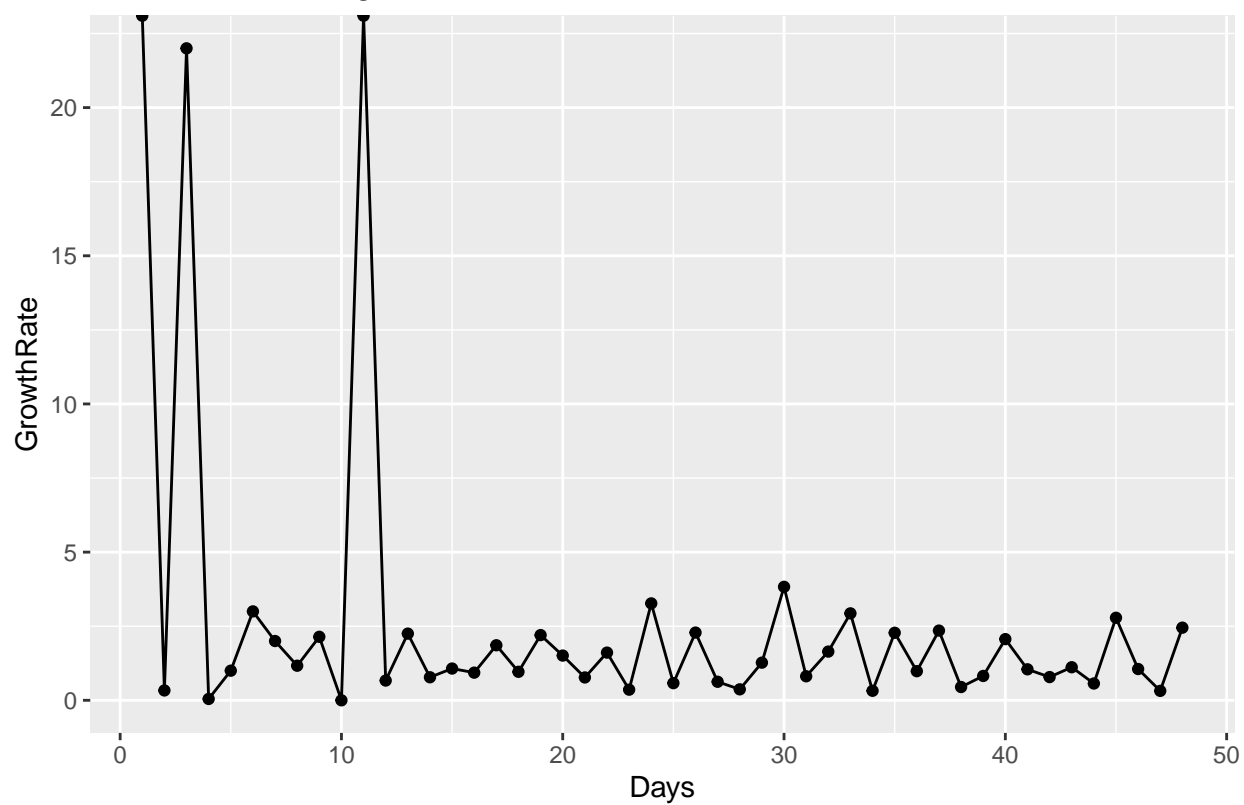
India: Daily Cases

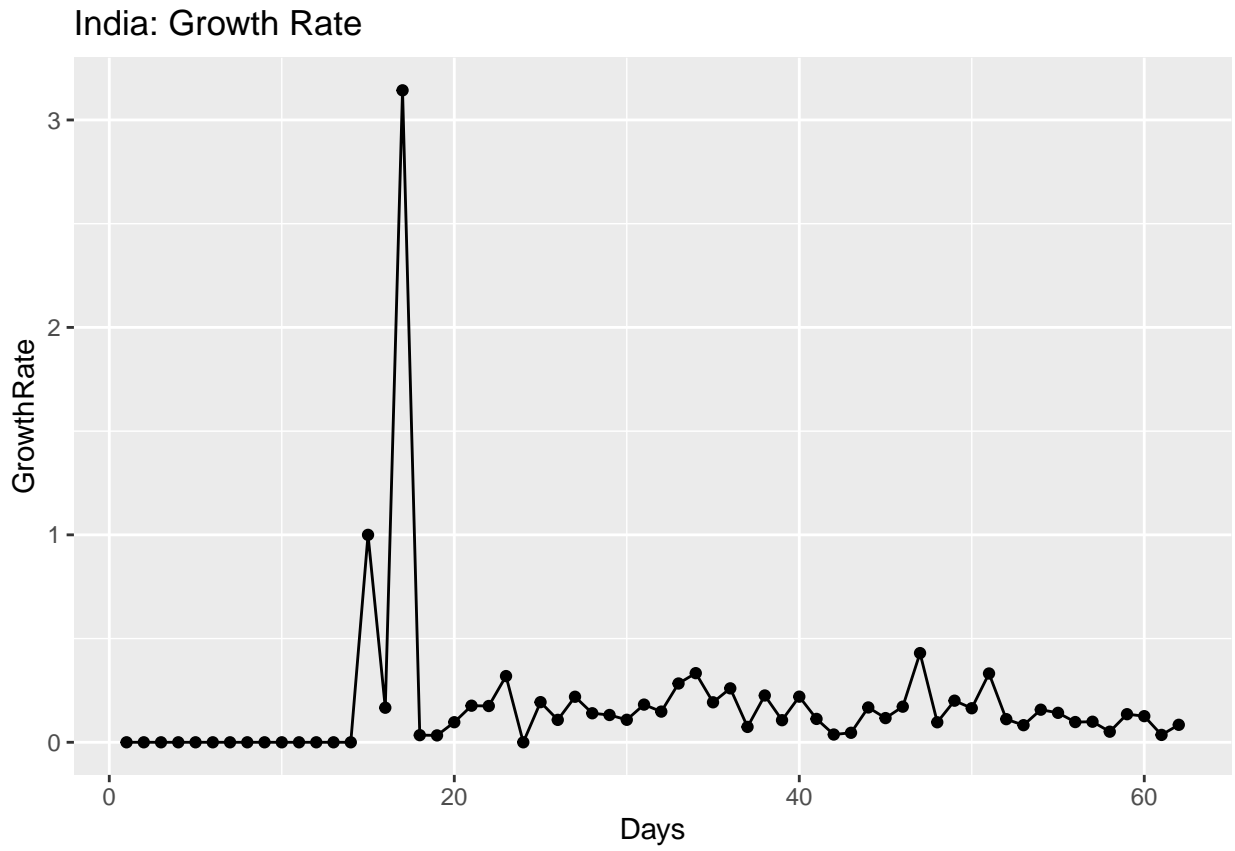


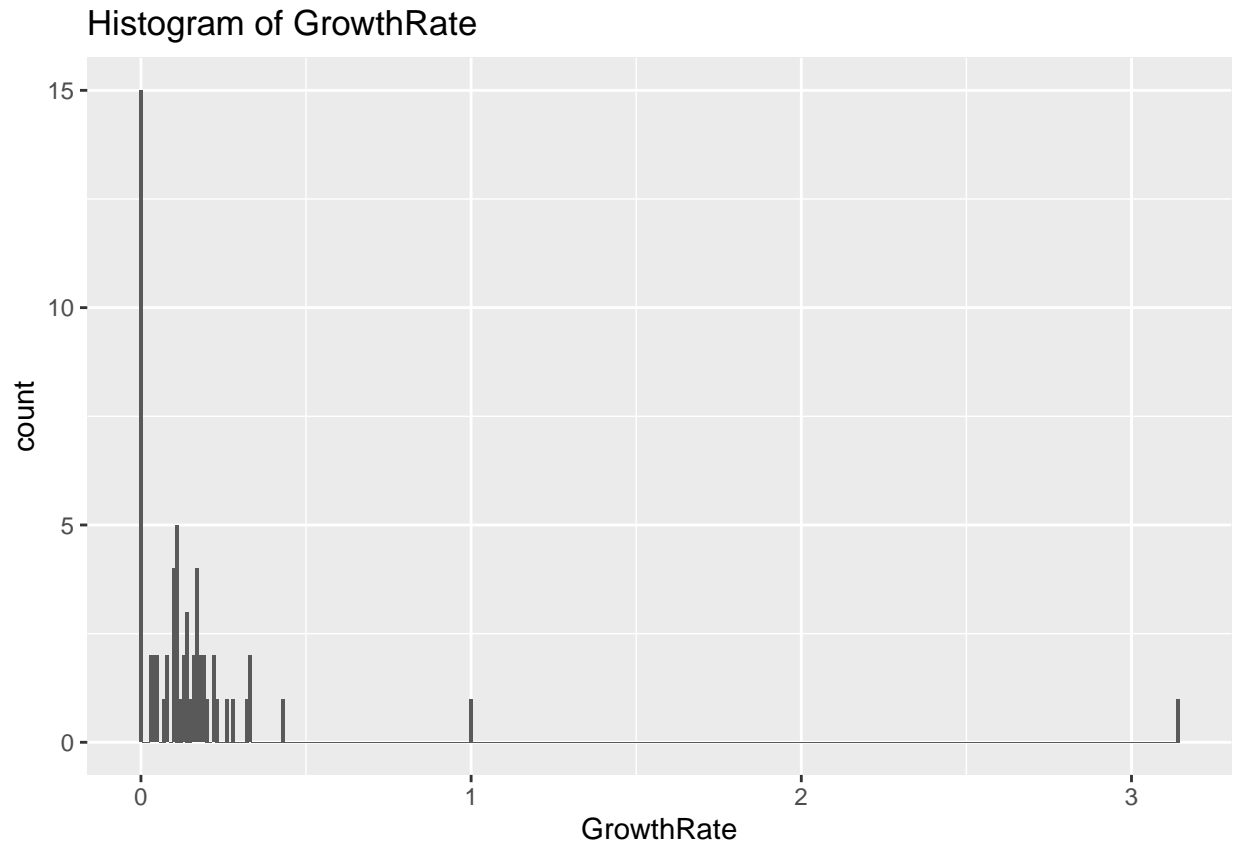
India: Daily Cases

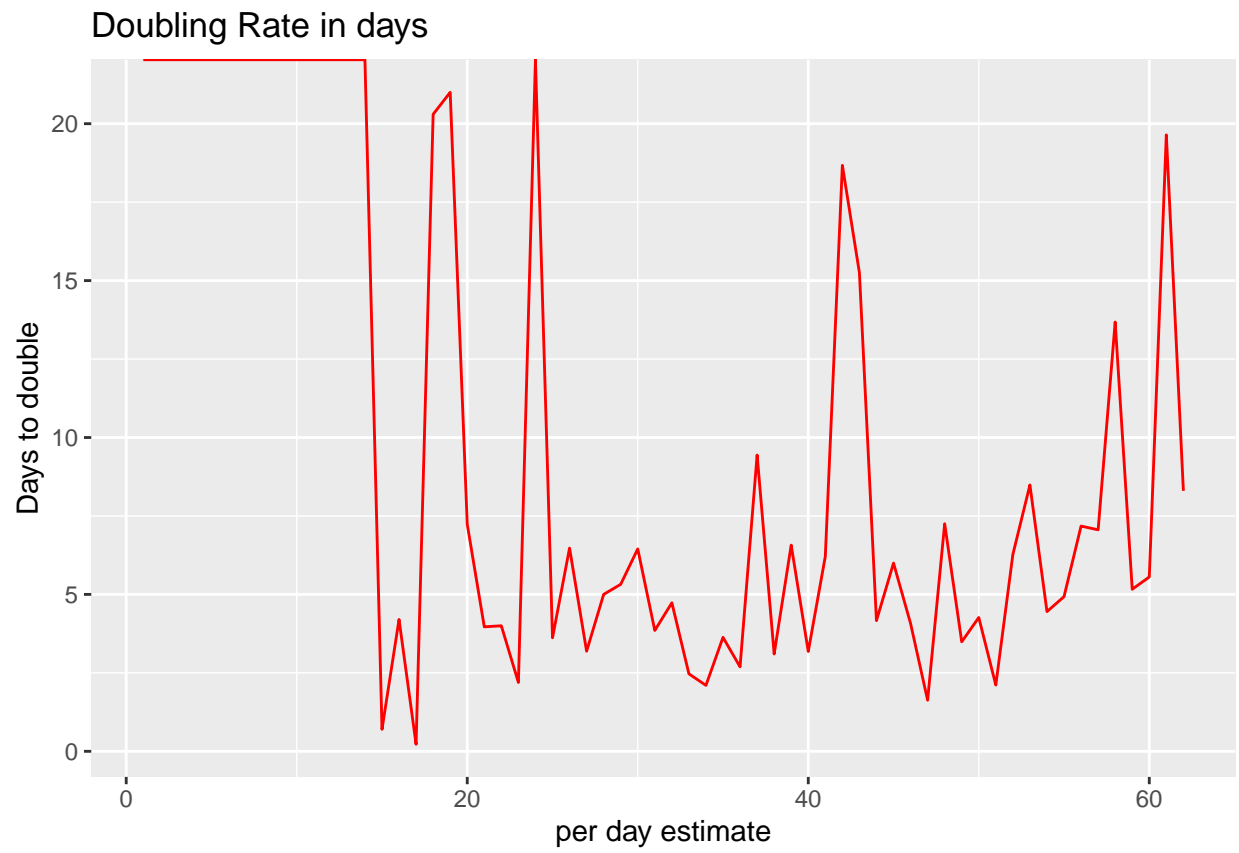


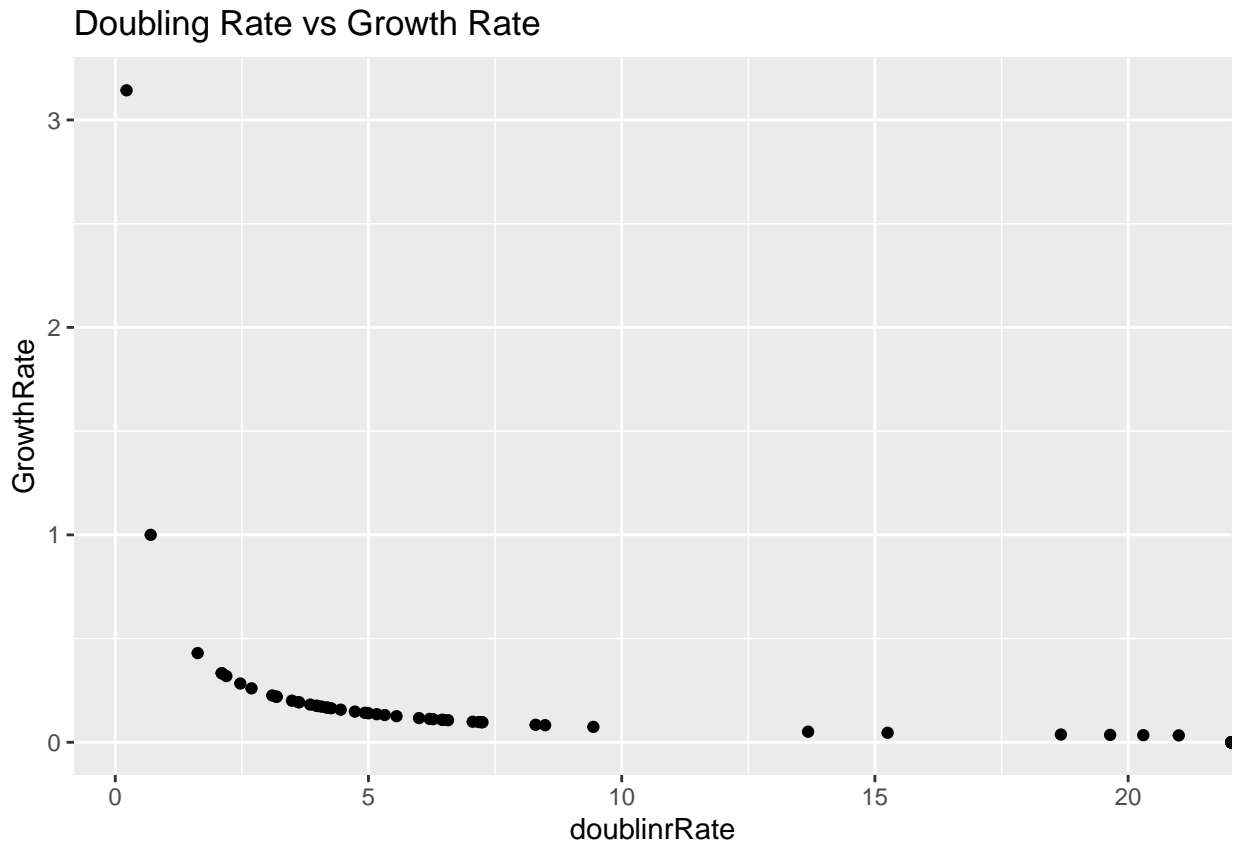
US: Rate of change in Growth Rate

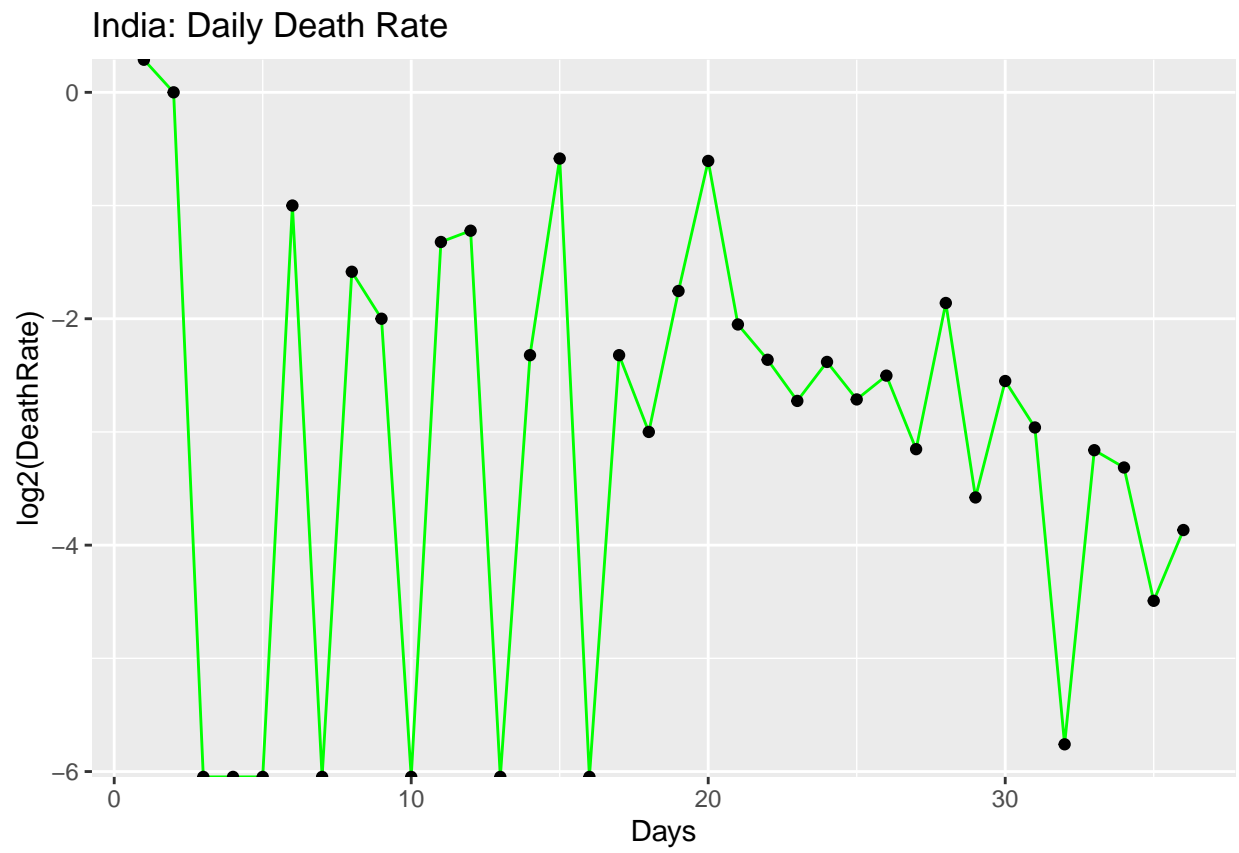


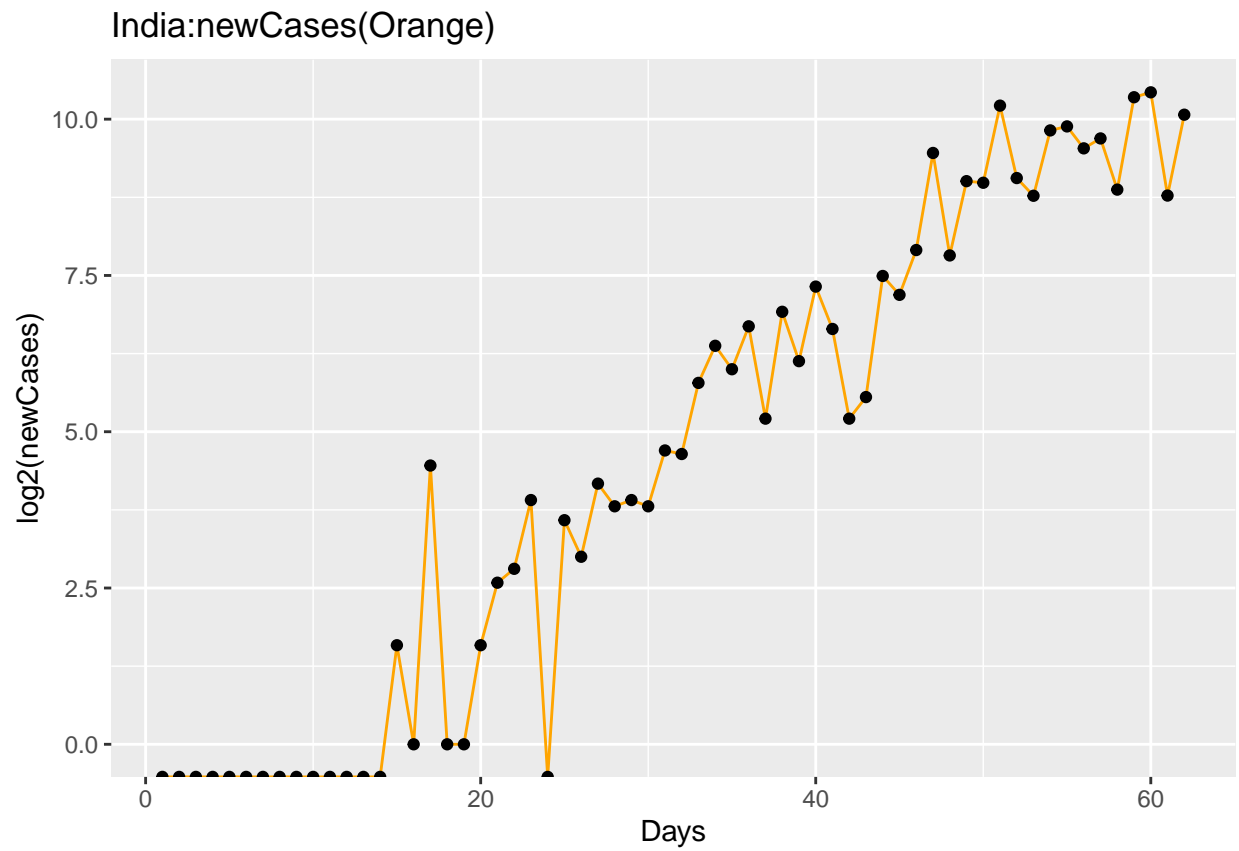


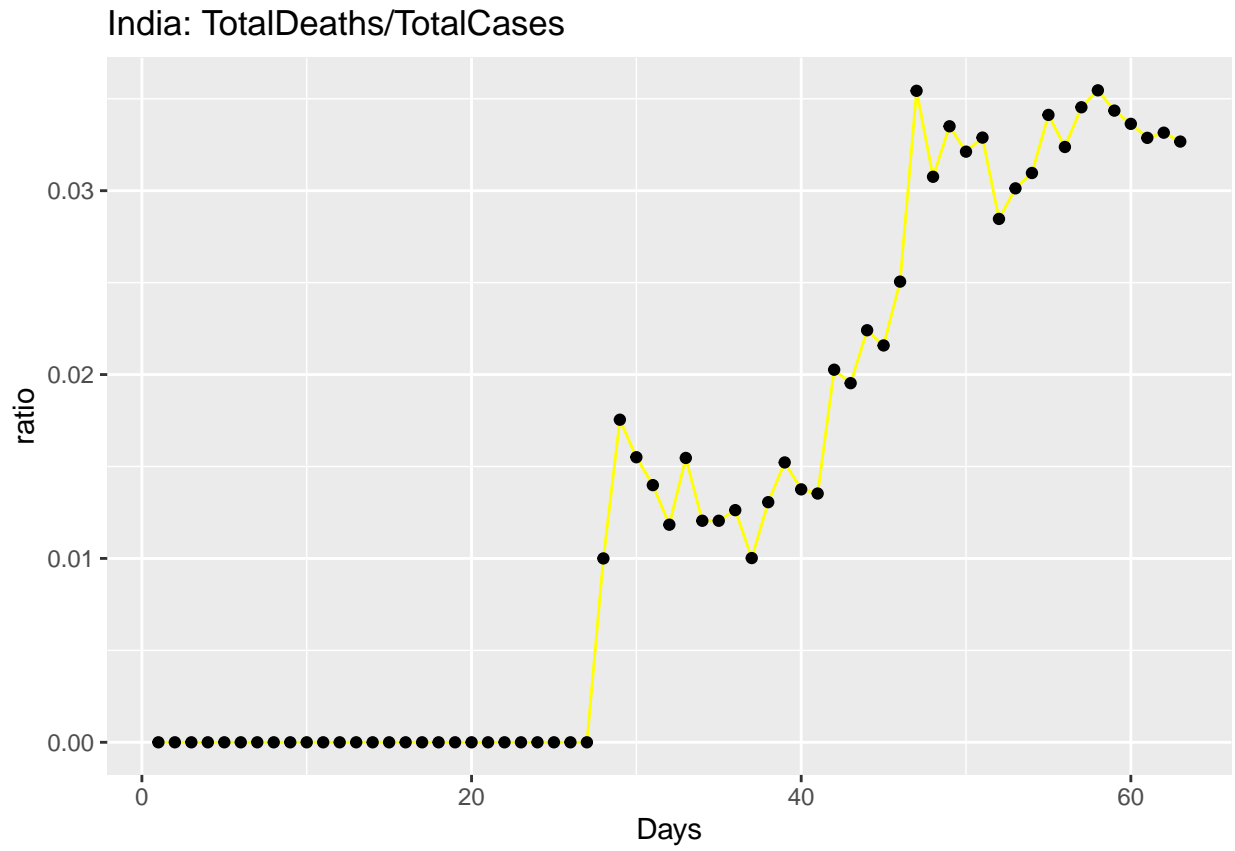


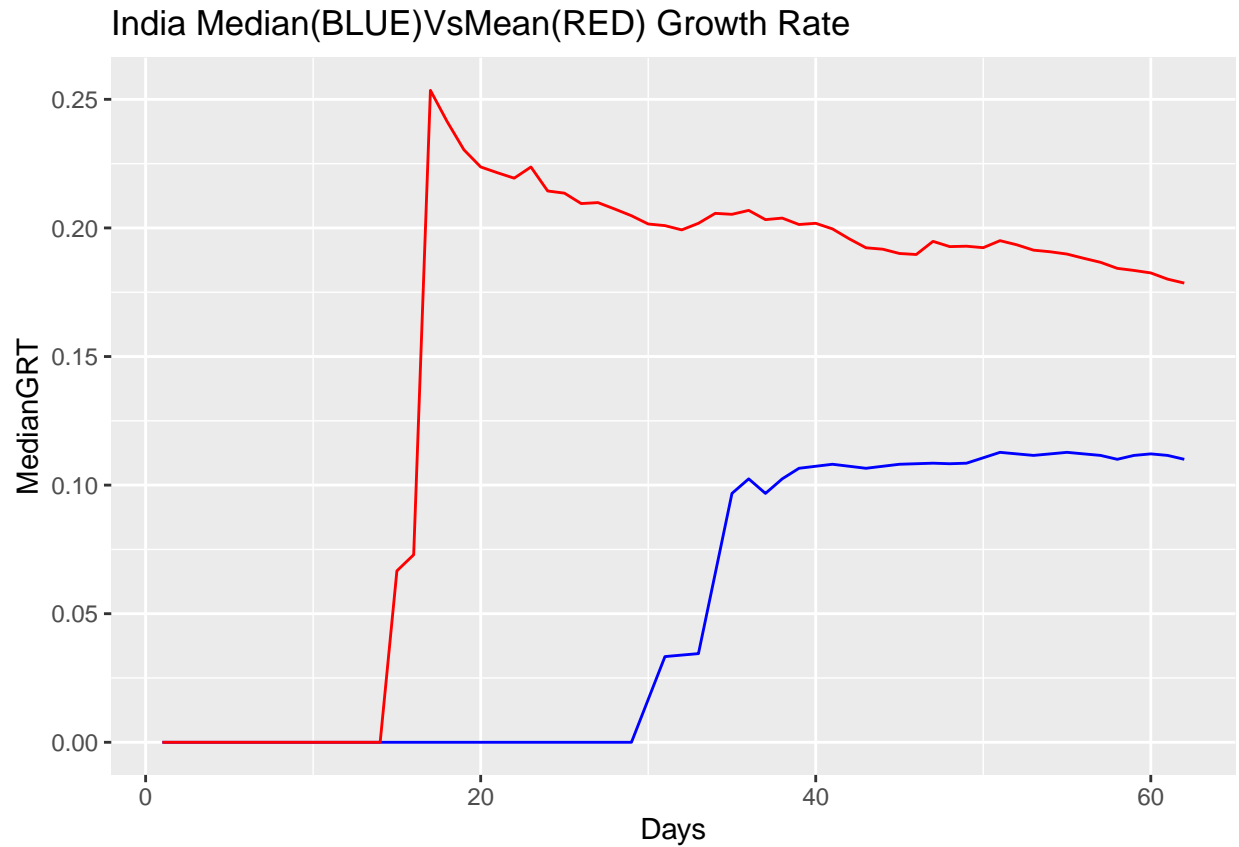












Results:

- Tomorrow's predicted case number is between 1.5001742×10^4 and 1.6305322×10^4 cases.
- Current doubling rate is **8 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 **8.4332628** percent.
- Mean Growth Rate: **17.855597** percent.
- Median Growth Rate: **11.0040041** percent.
- Standard deviation: +/- **41.1021479**.