

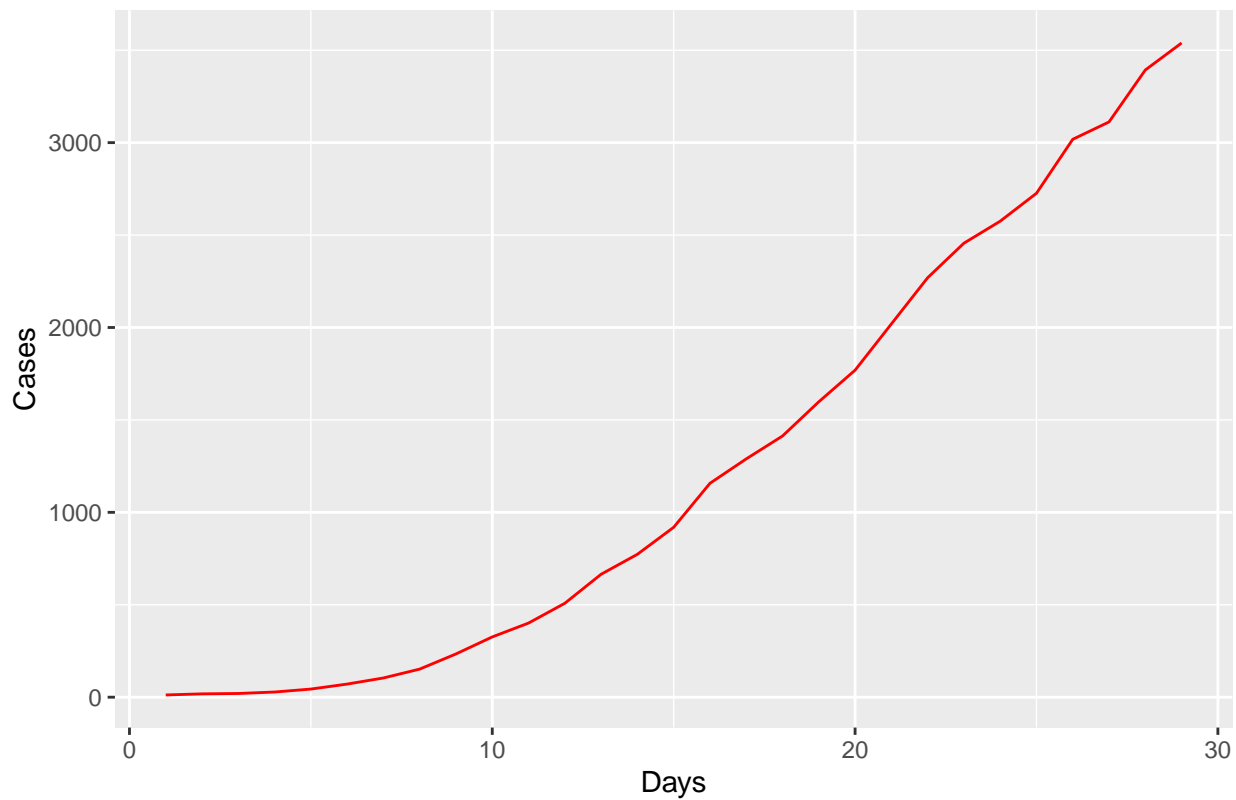
Arizona/US/India Corona Trends- 12th April 2020 with tomorrow's prediction

Whitchurch Muthumani

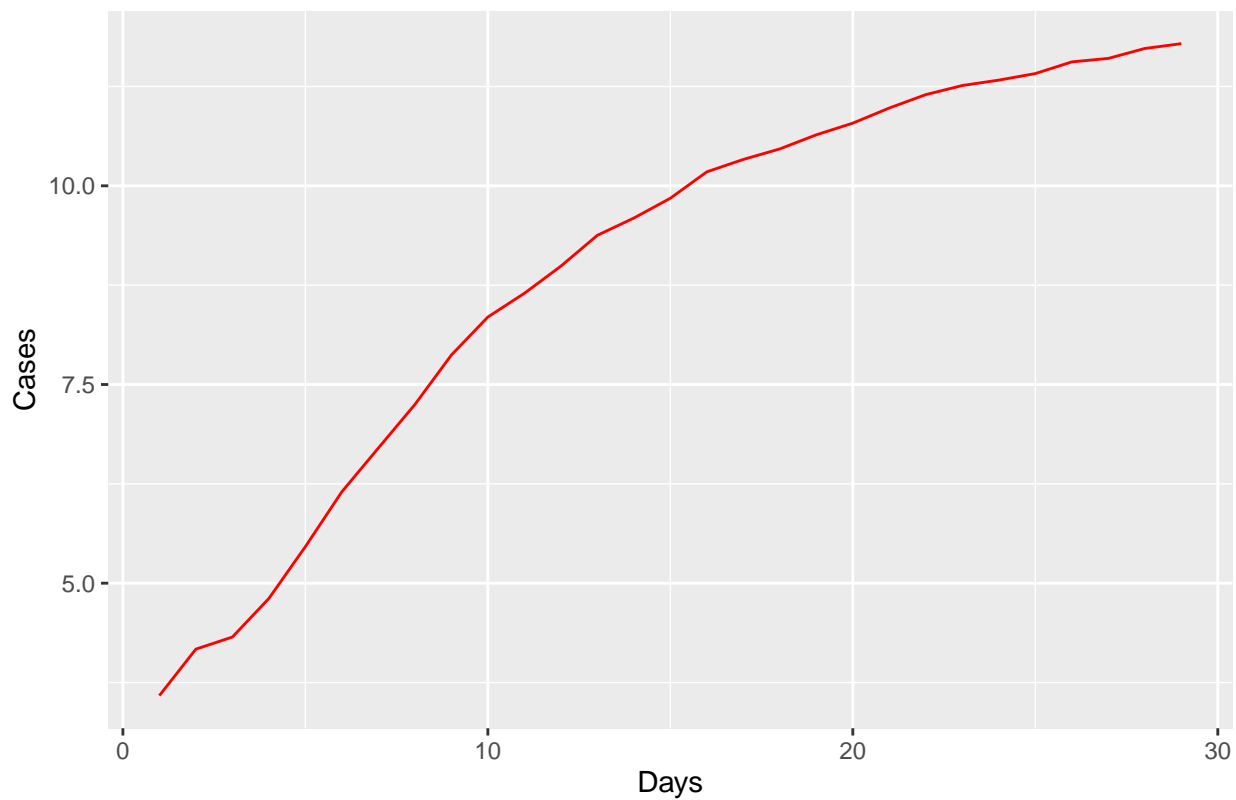
4/12/2020

Arizona Corona Dashboard

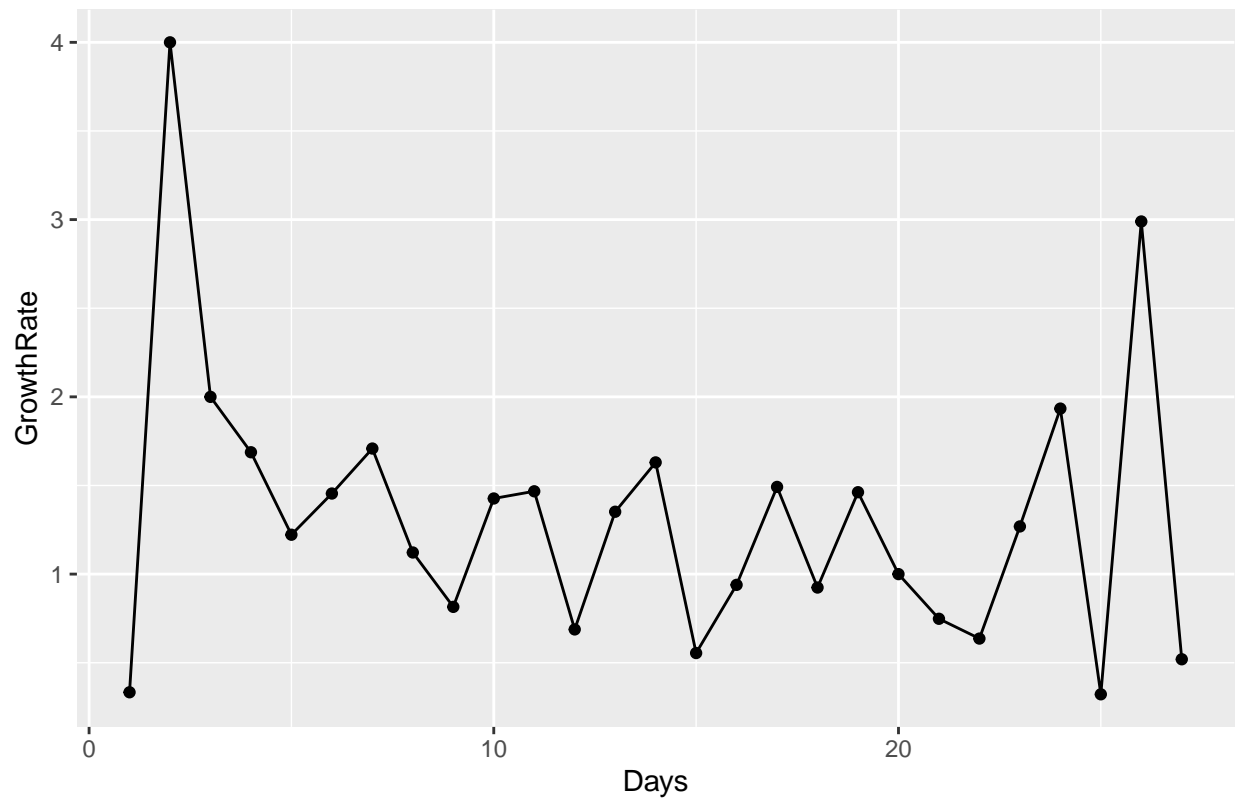
Arizona: Daily Cases



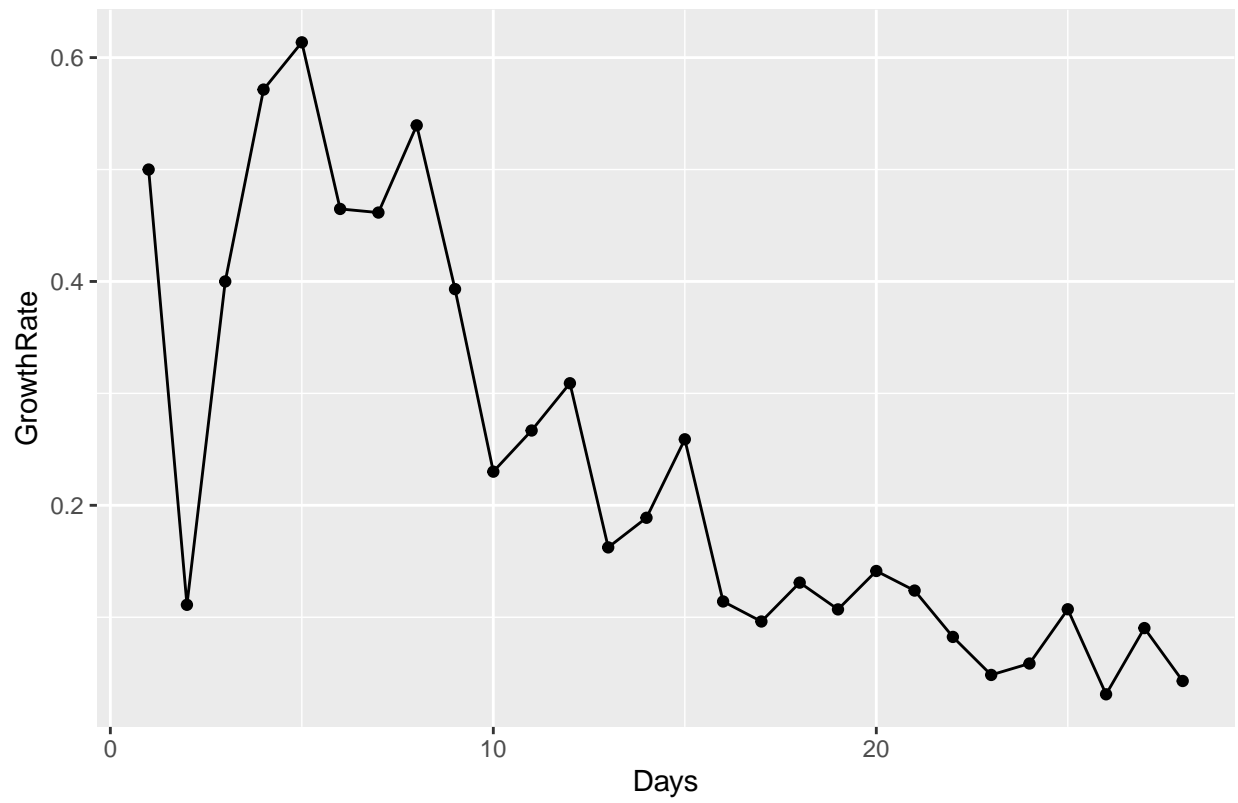
Arizona: Daily Cases

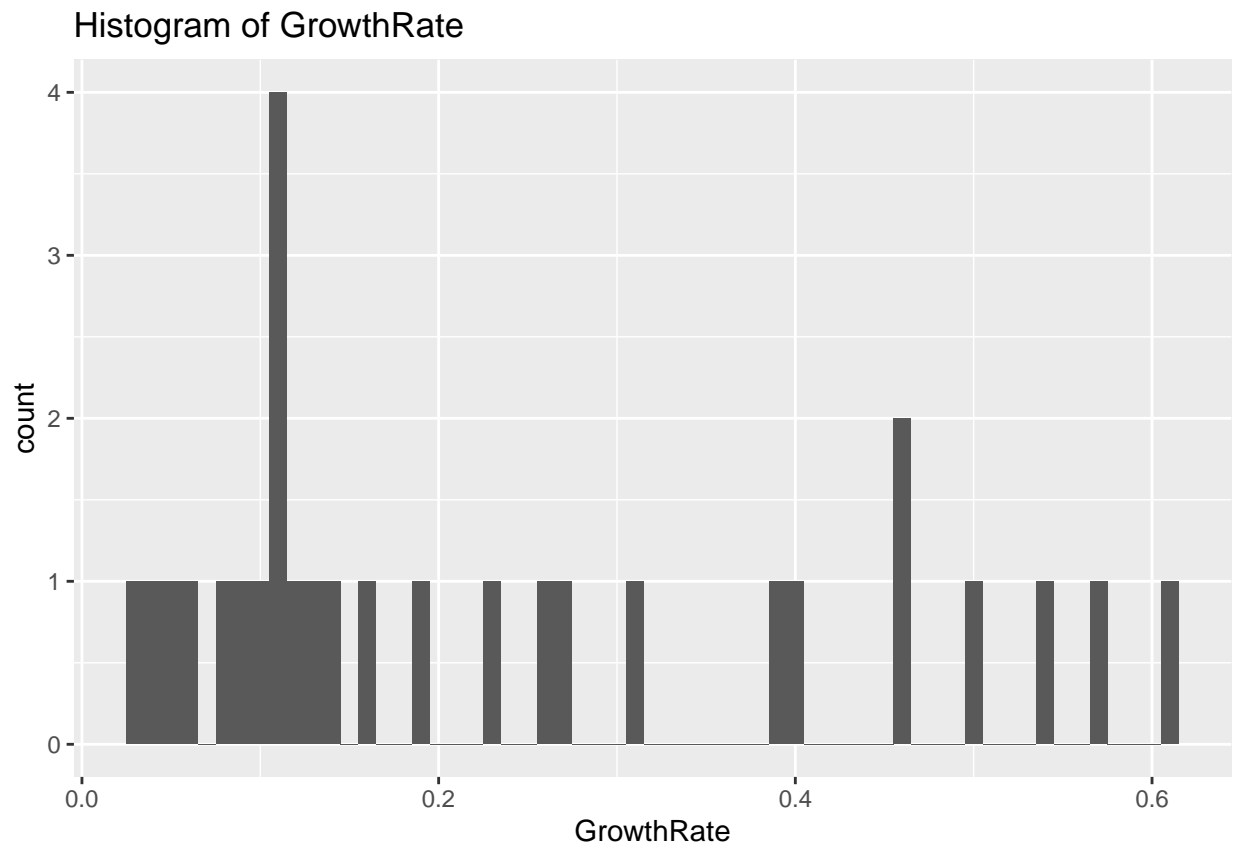


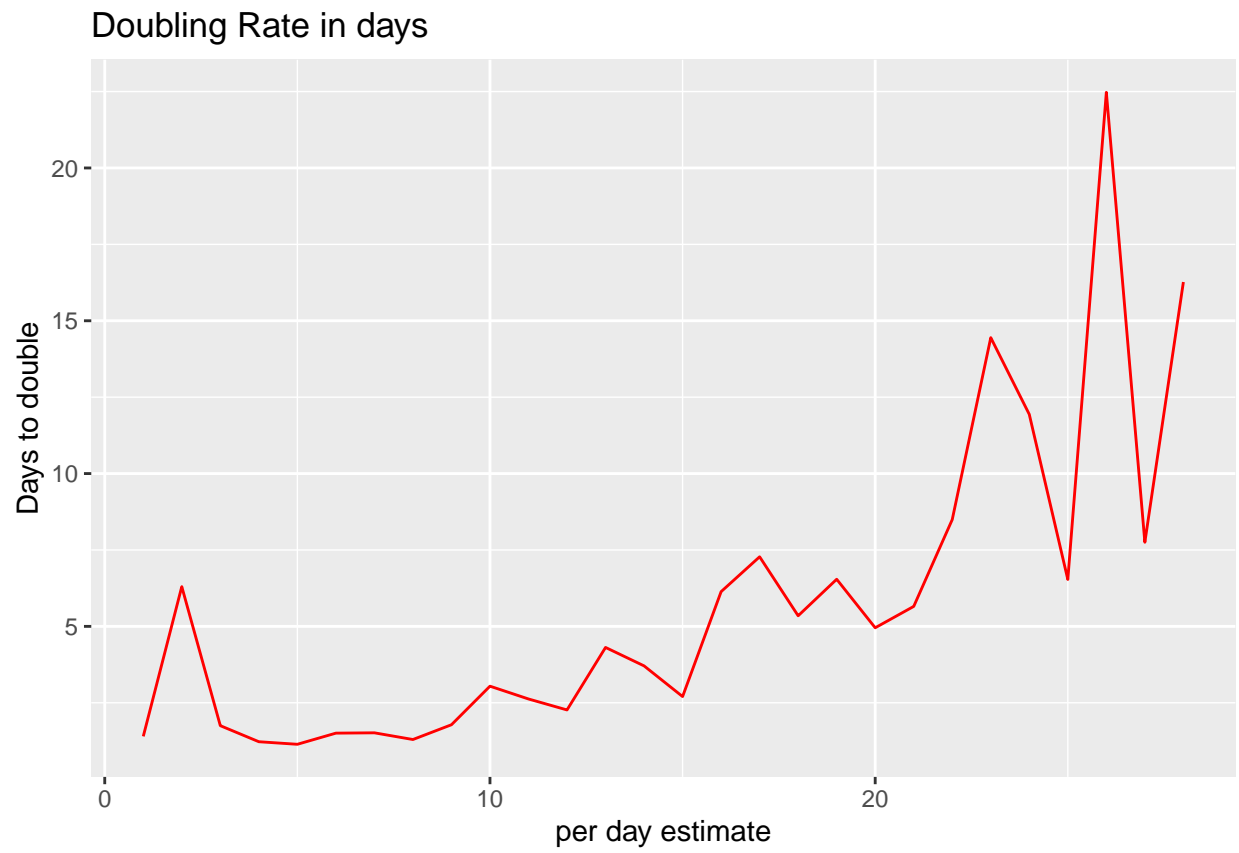
Arizona: Rate of change in Growth Rate

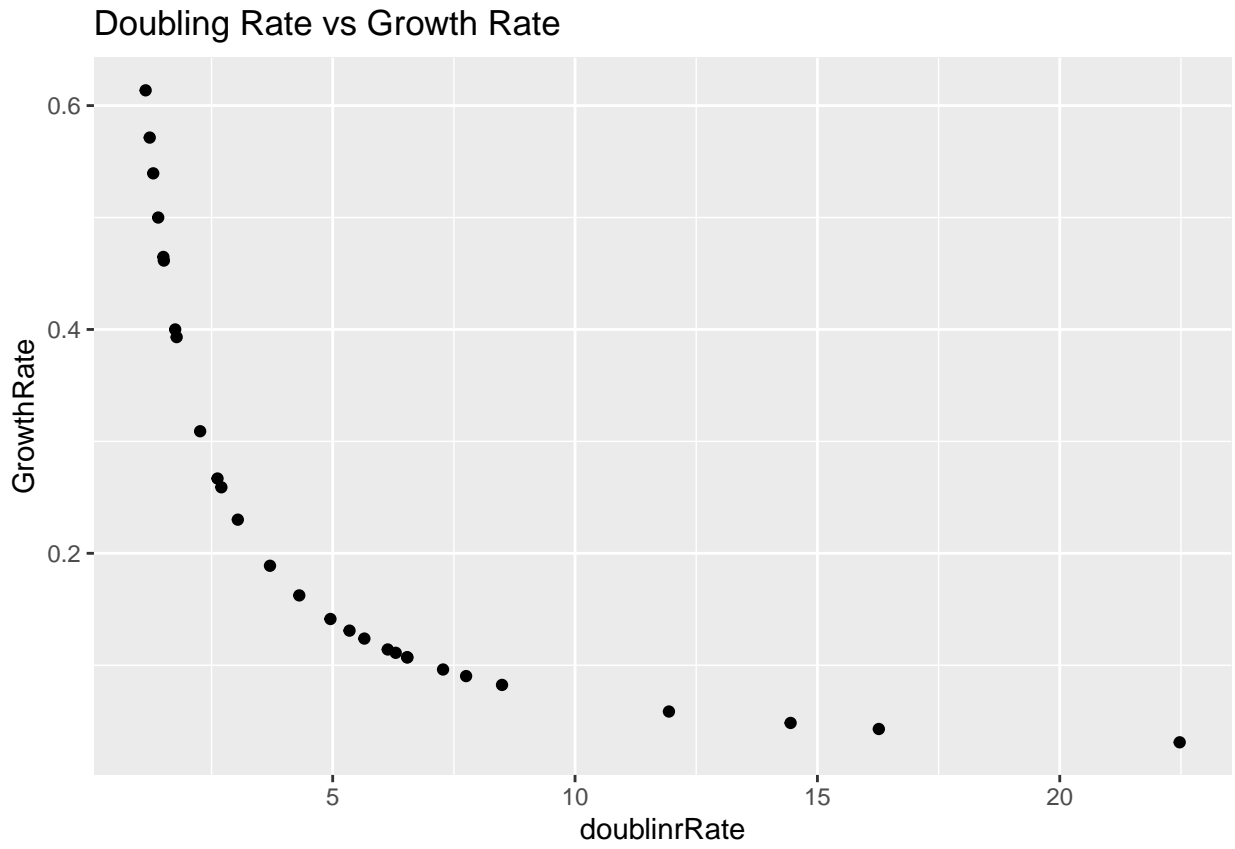


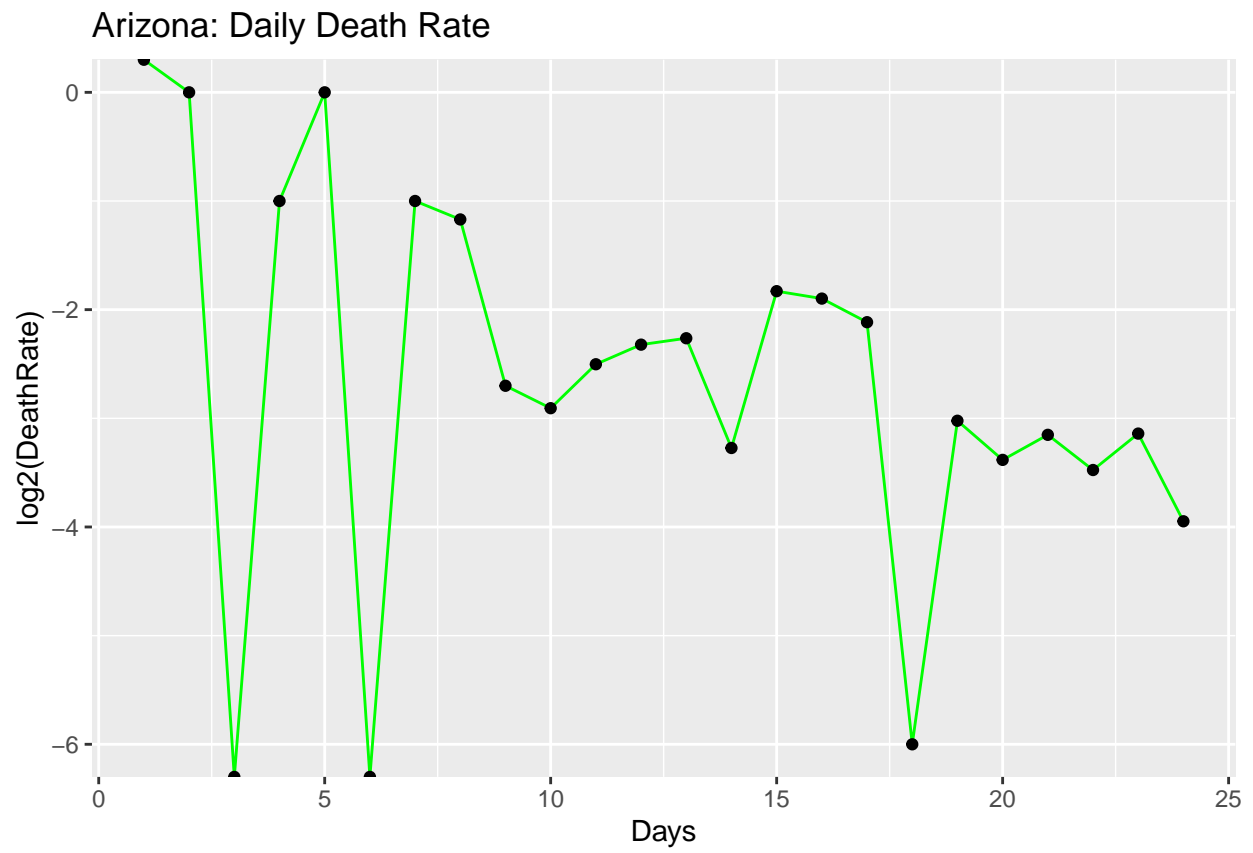
Arizona: Growth Rate

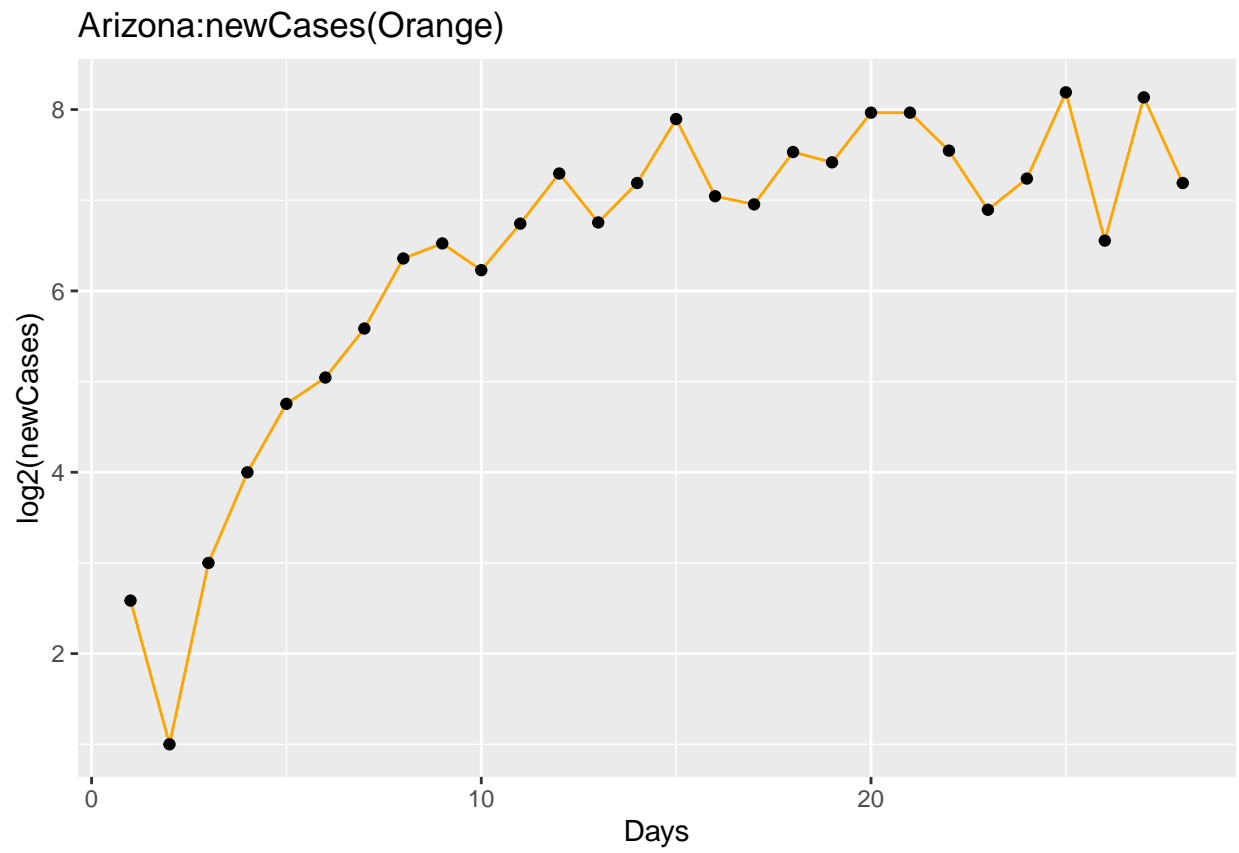


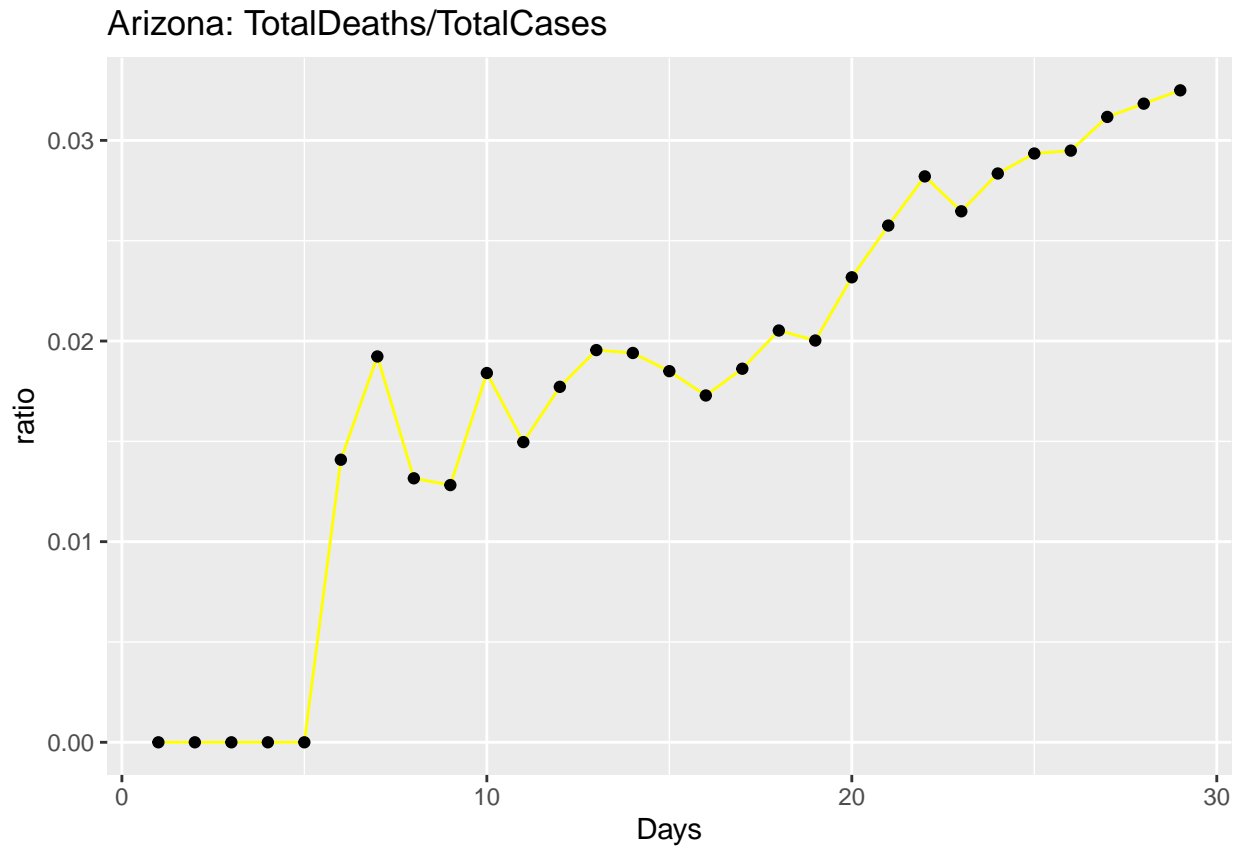


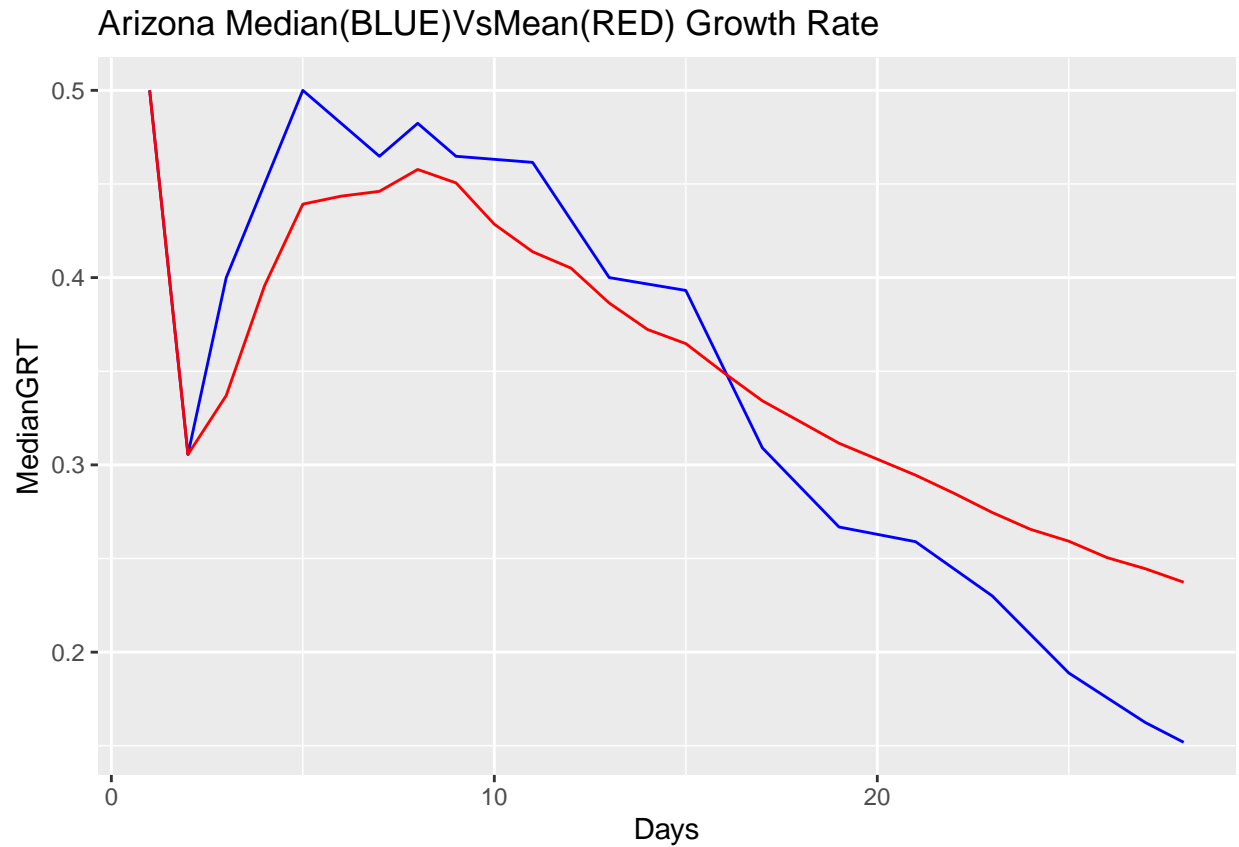










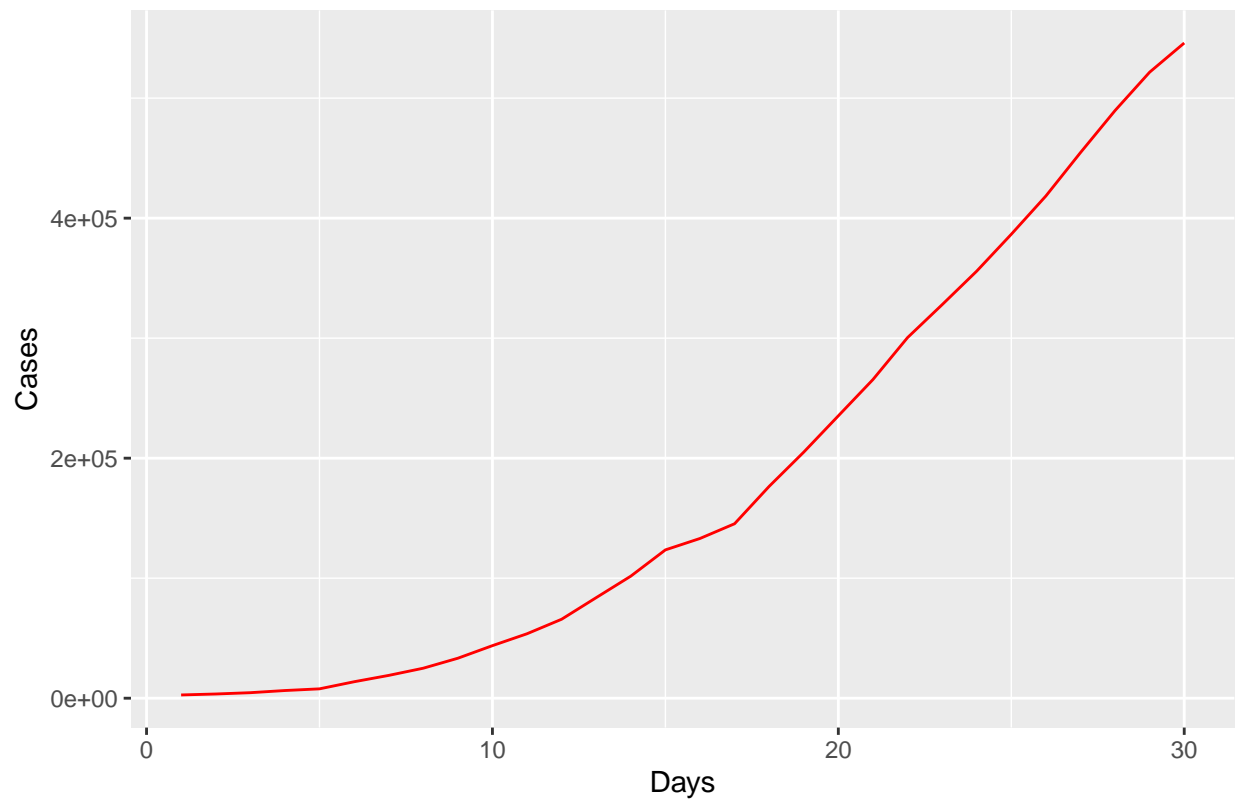


Results:

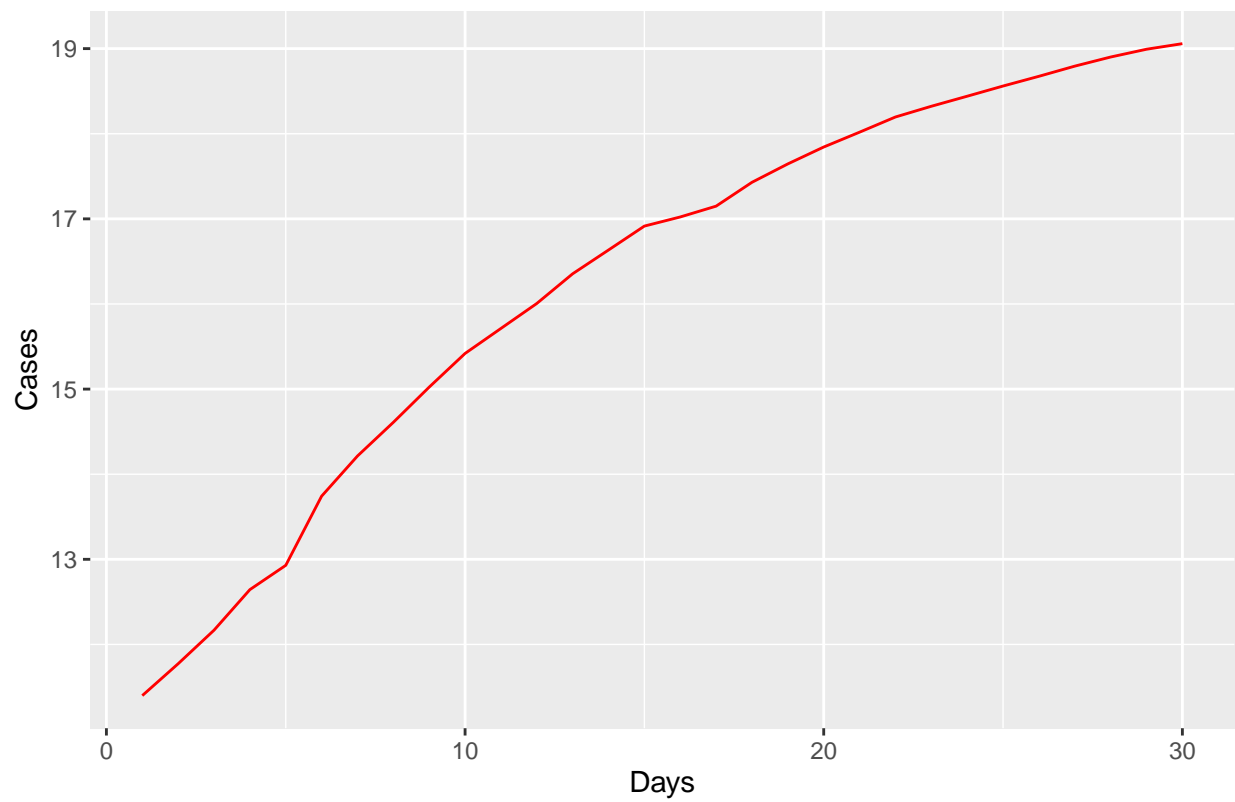
- Tomorrows predicted case number is between **3691.282346** and **4378.9832526** cases.
- Current doubling rate is **16 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **5 days**.
- Latest Observed Growth Rate **4.3029767** percent.
- Mean Growth Rate: **23.7350453** percent.
- Median Growth Rate: **15.1864398** percent.
- Standard deviation: +/- **18.1827221**.

US Corona Dashboard

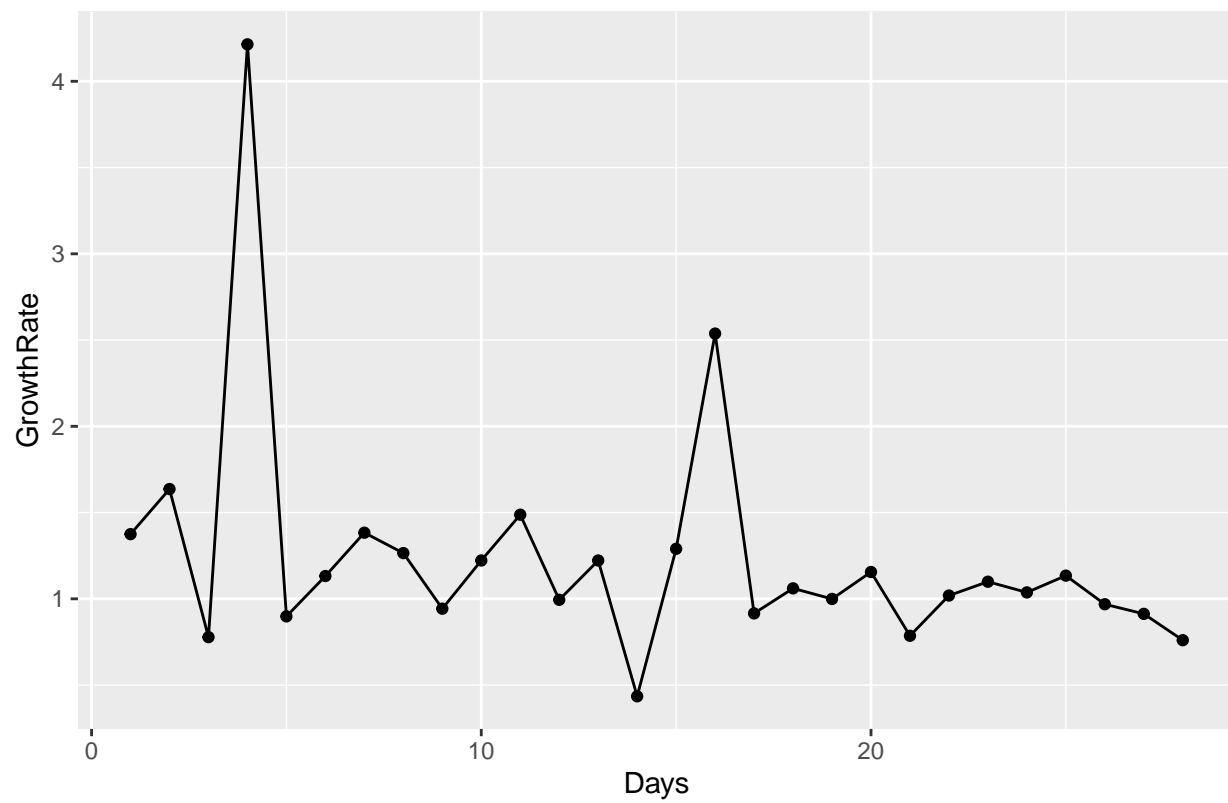
US: Daily Cases



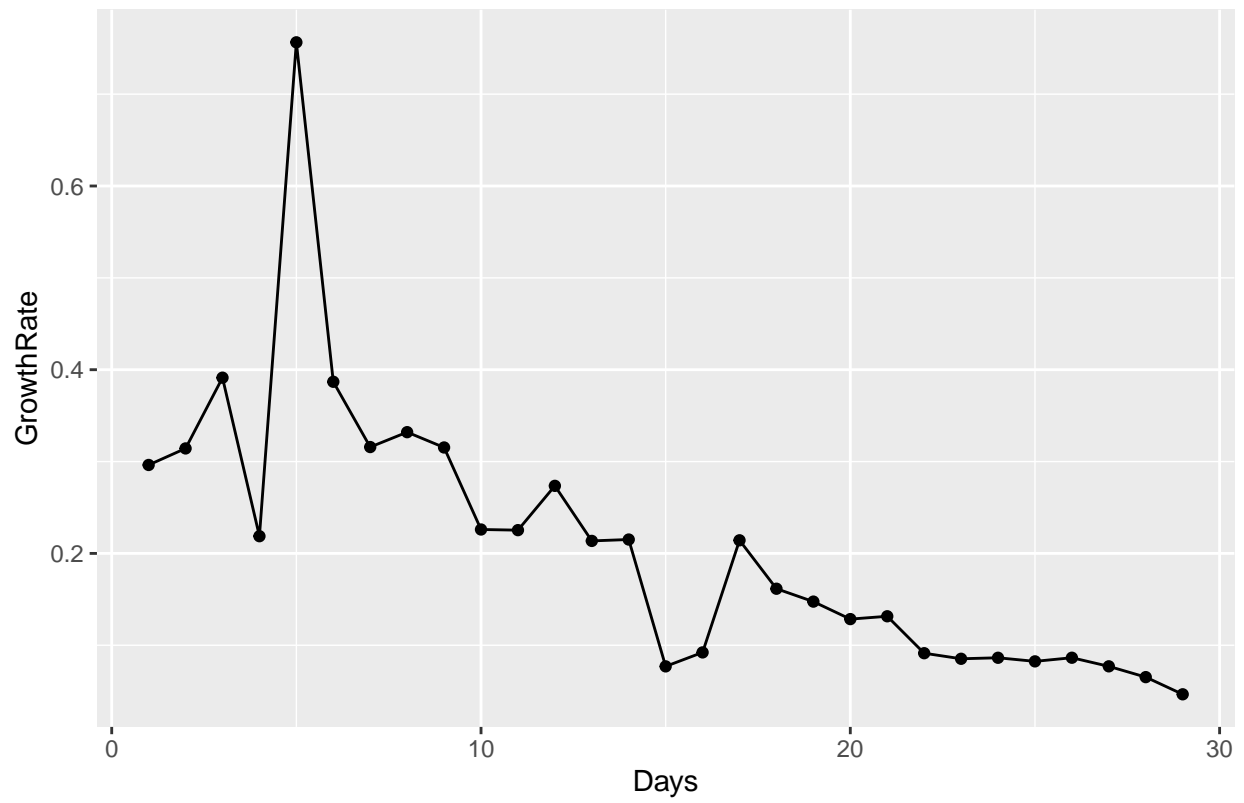
US: Daily Cases

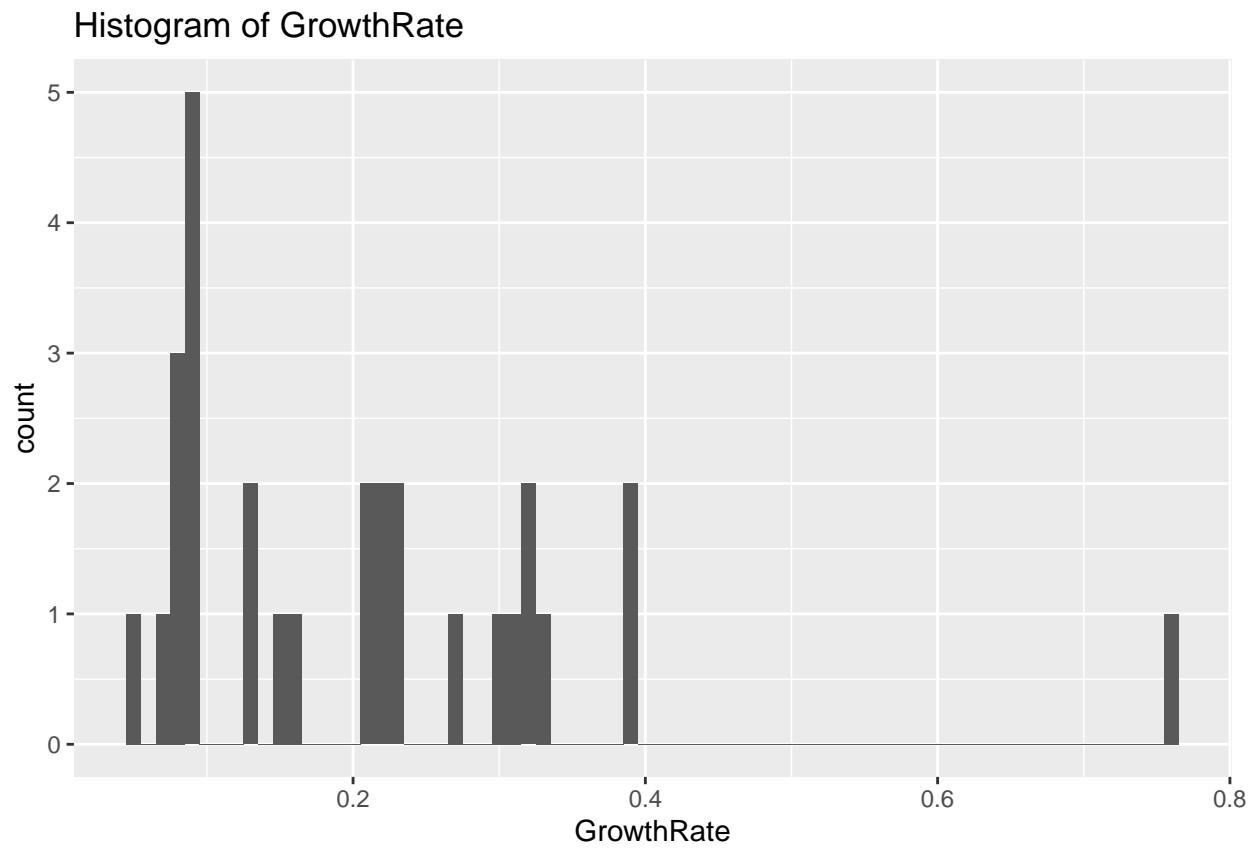


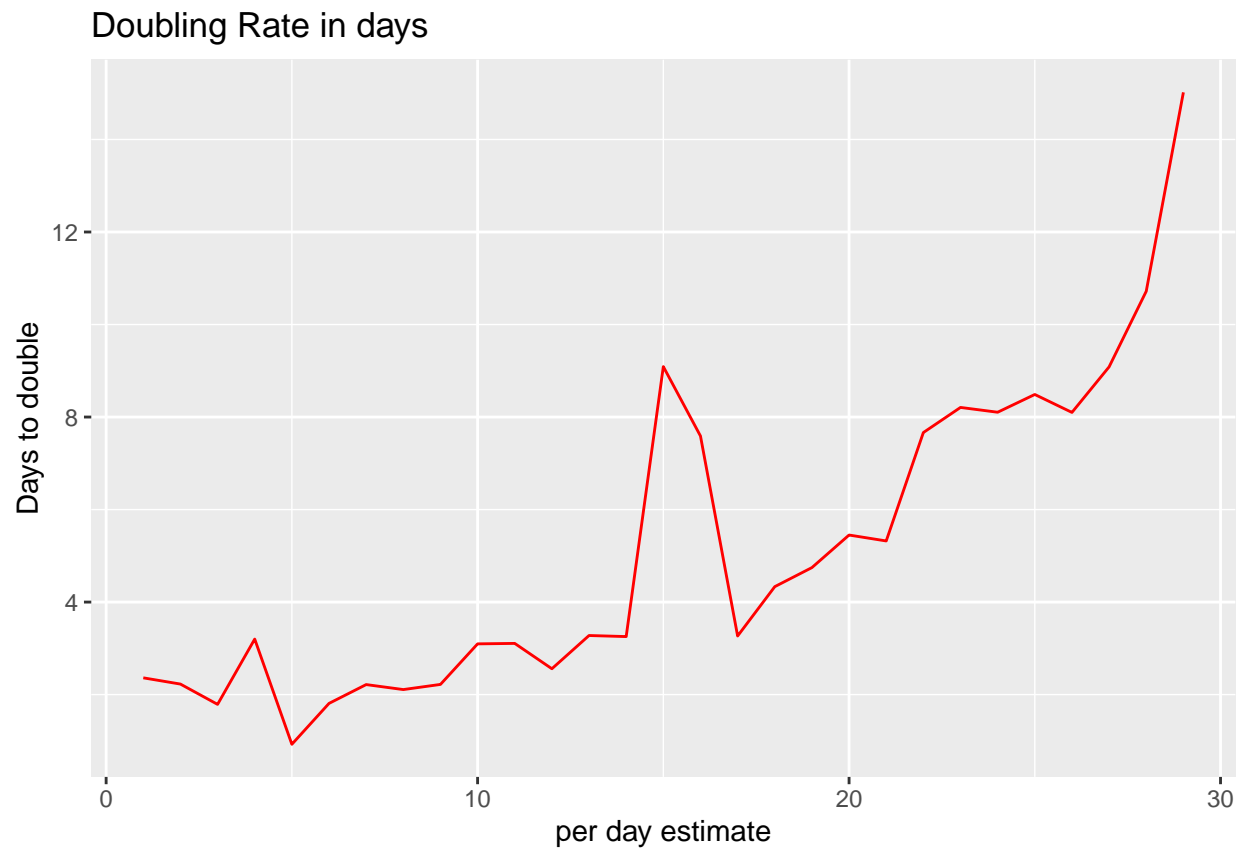
US: Rate of change in Growth Rate



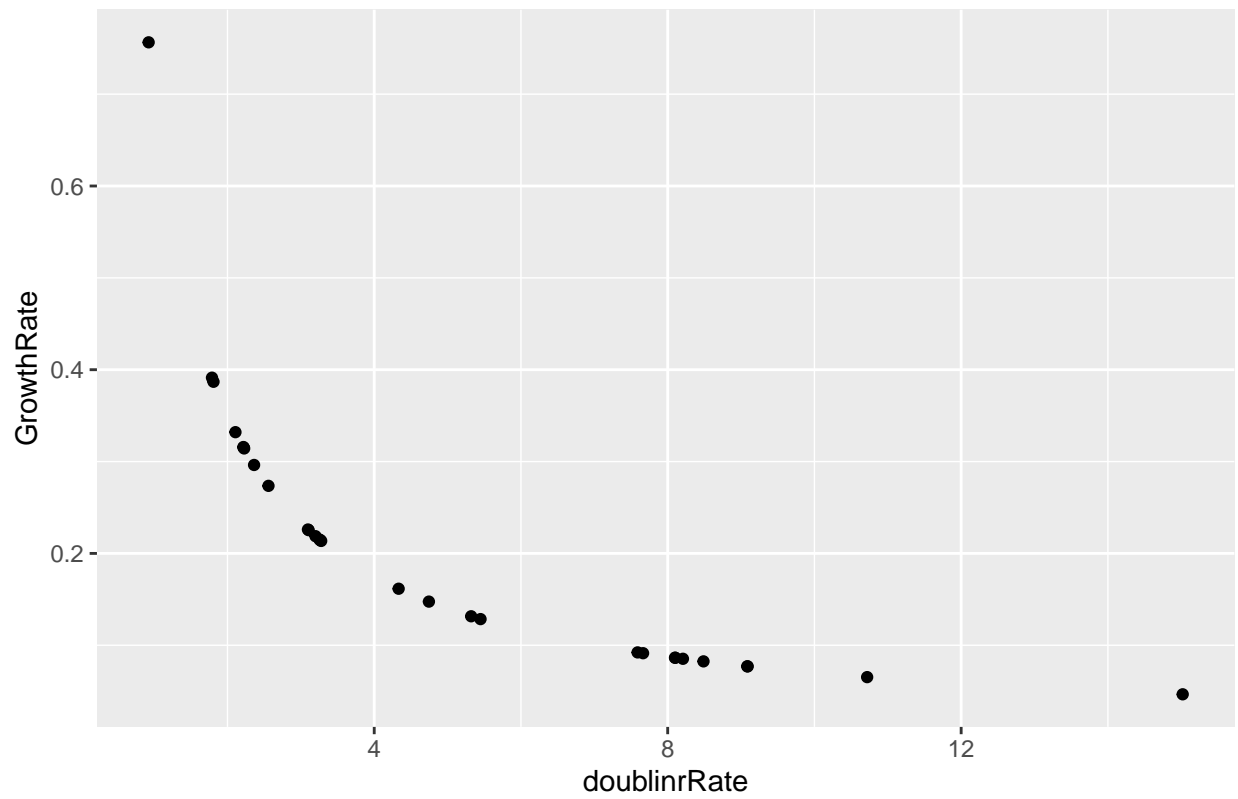
US: Growth Rate



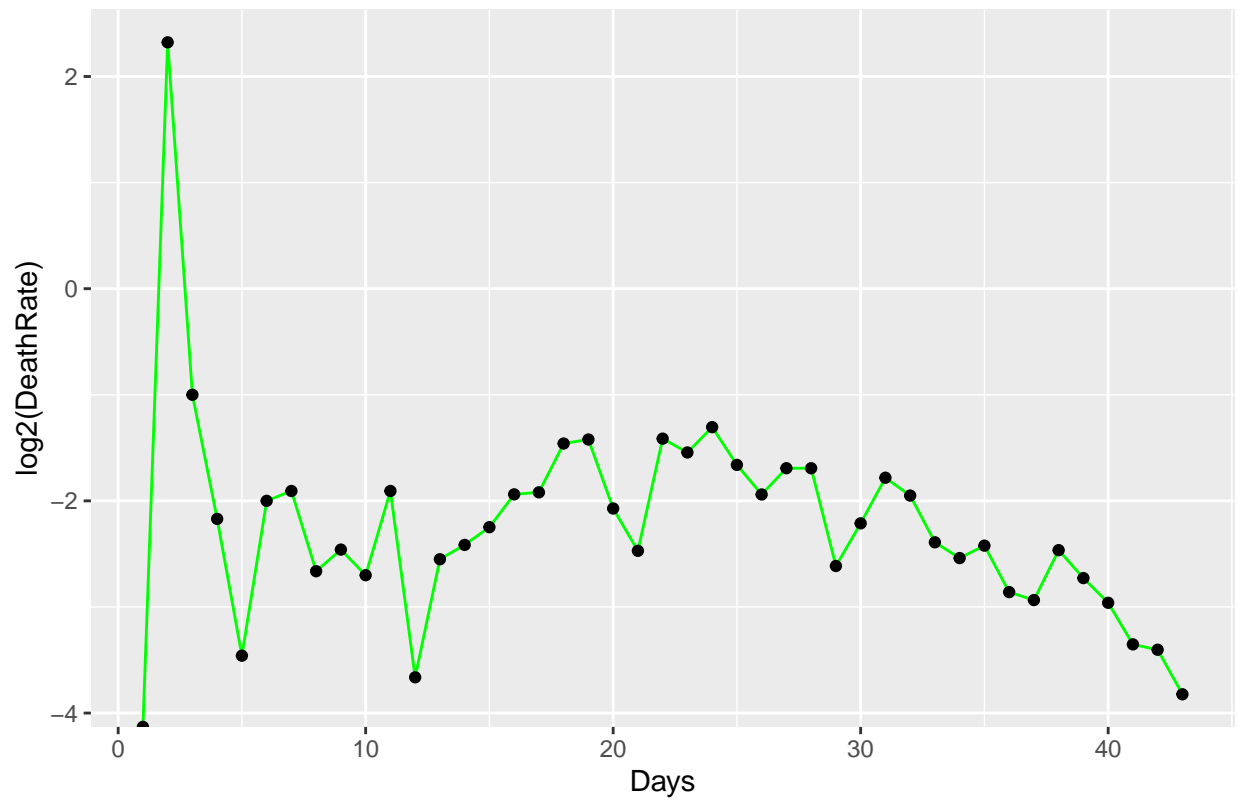


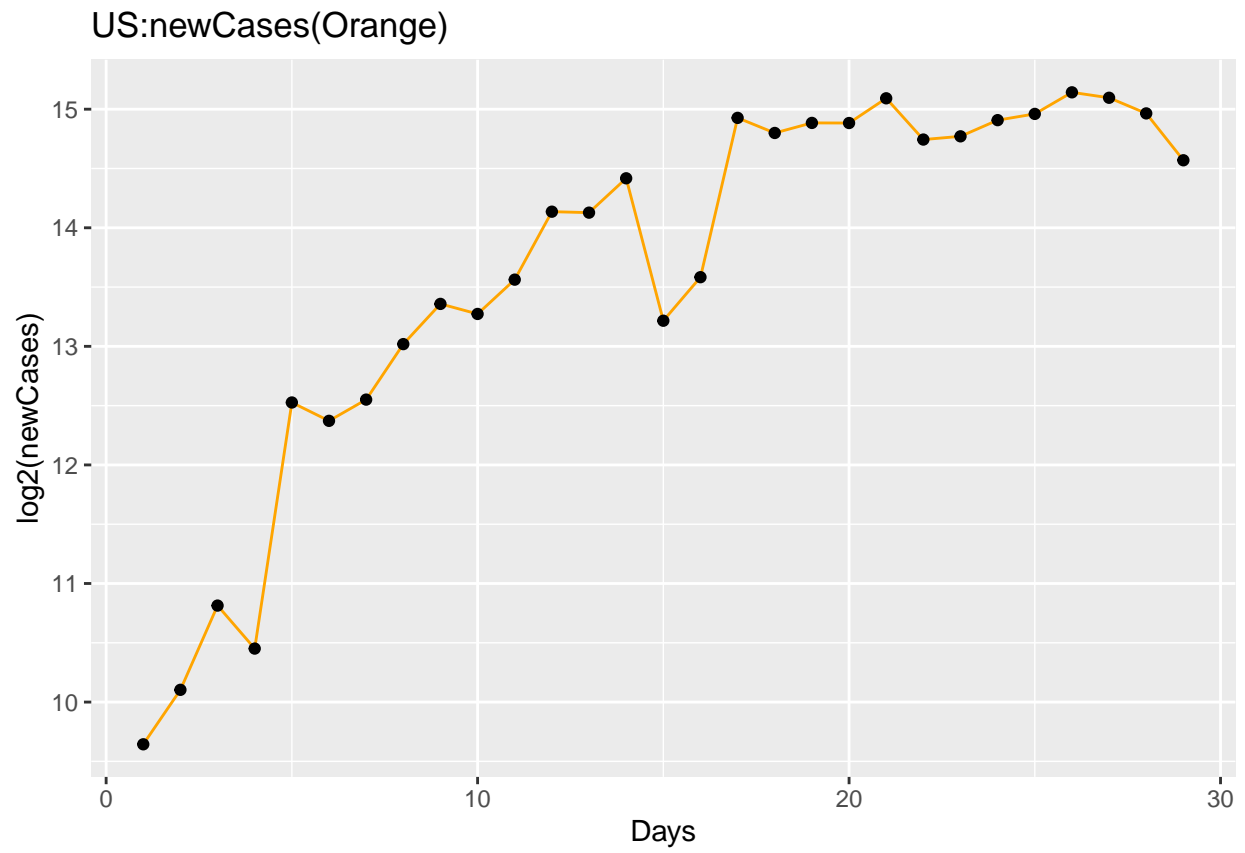


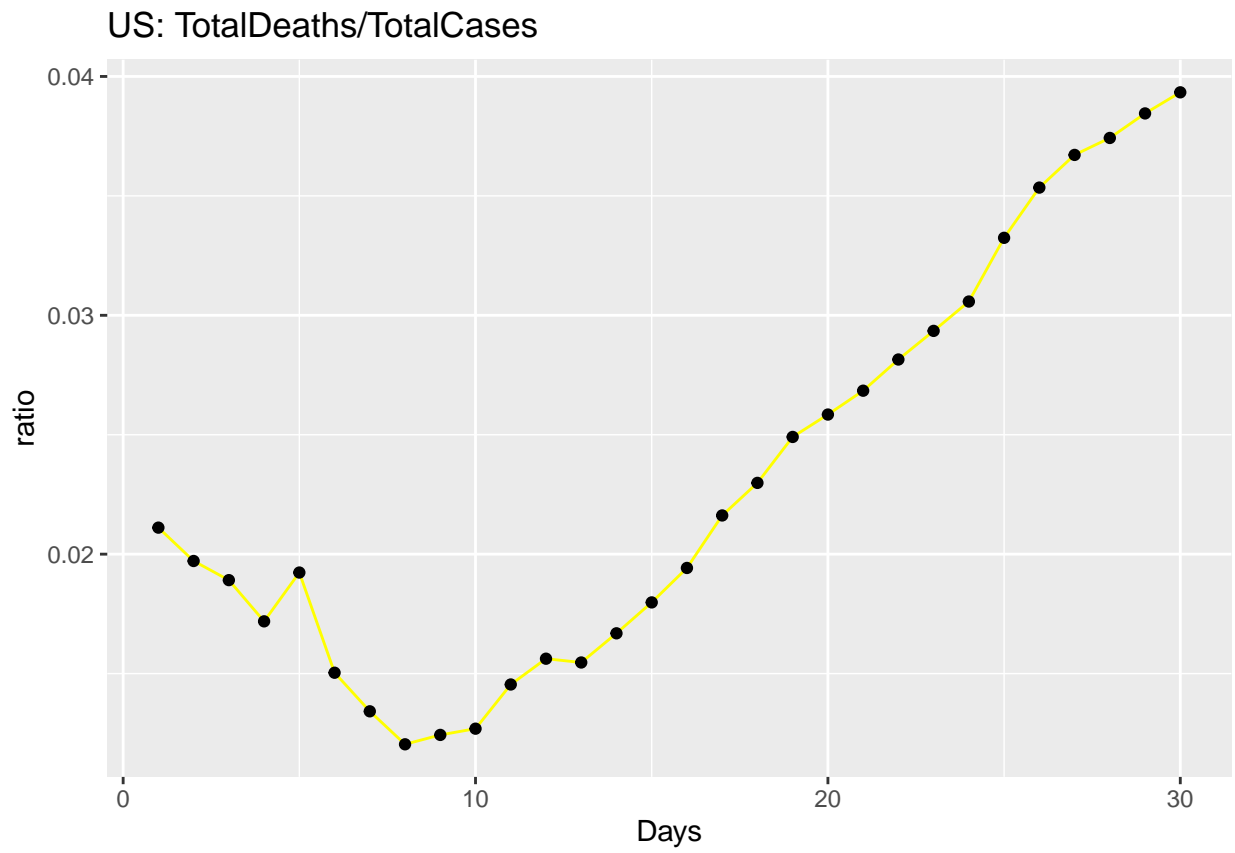
Doubling Rate vs Growth Rate

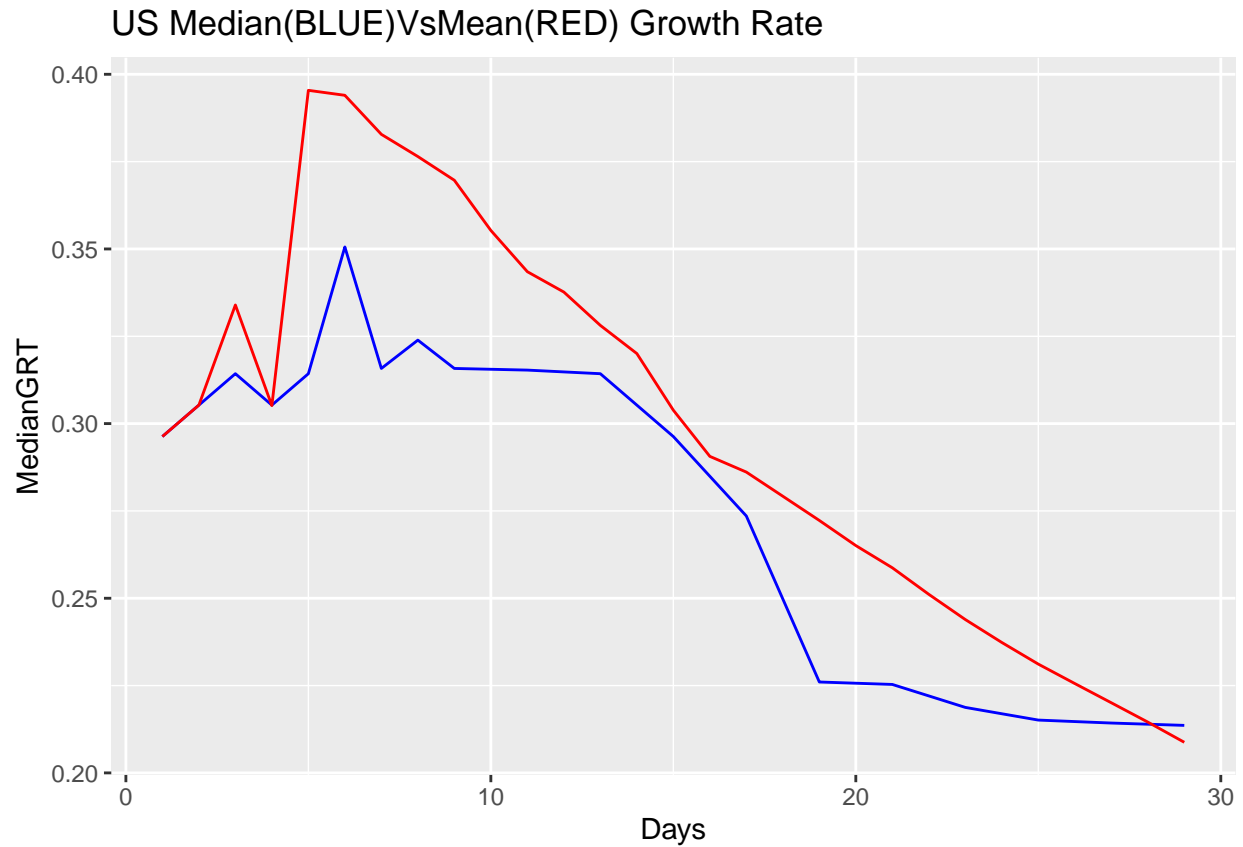


US: Daily Death Rate







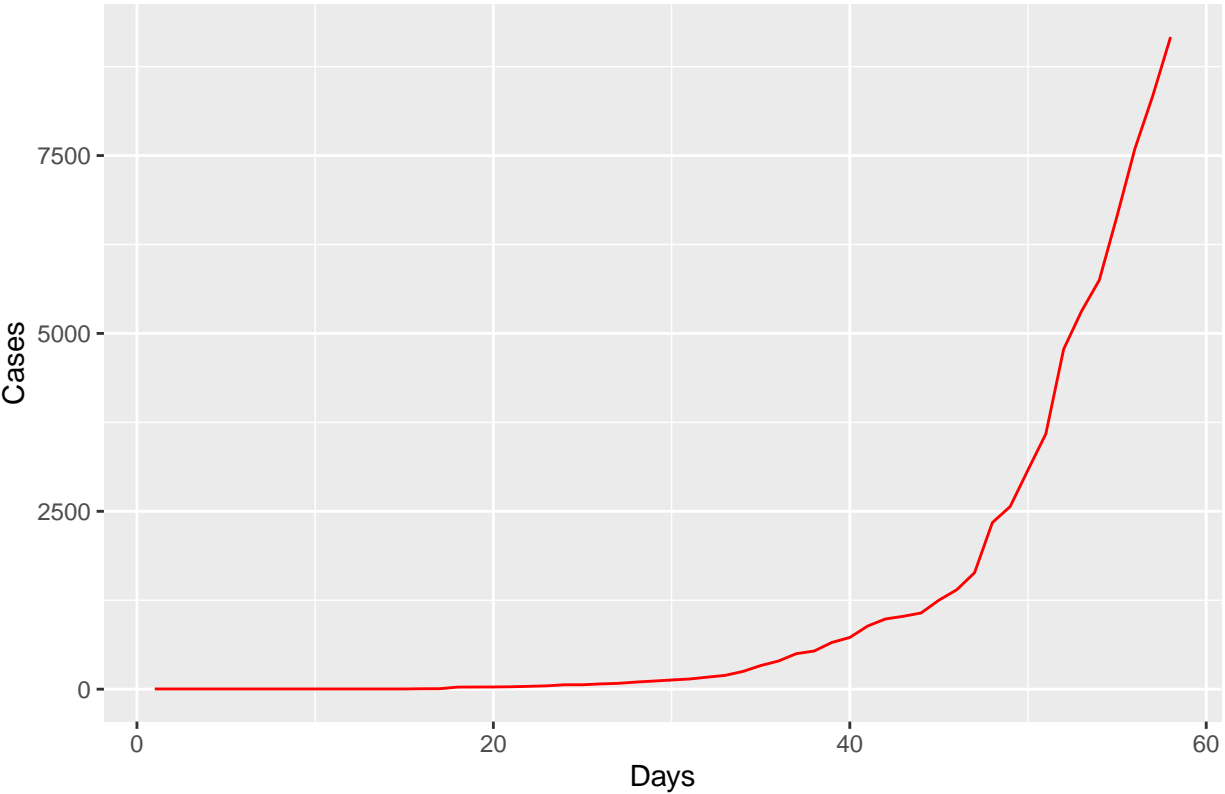


Results:

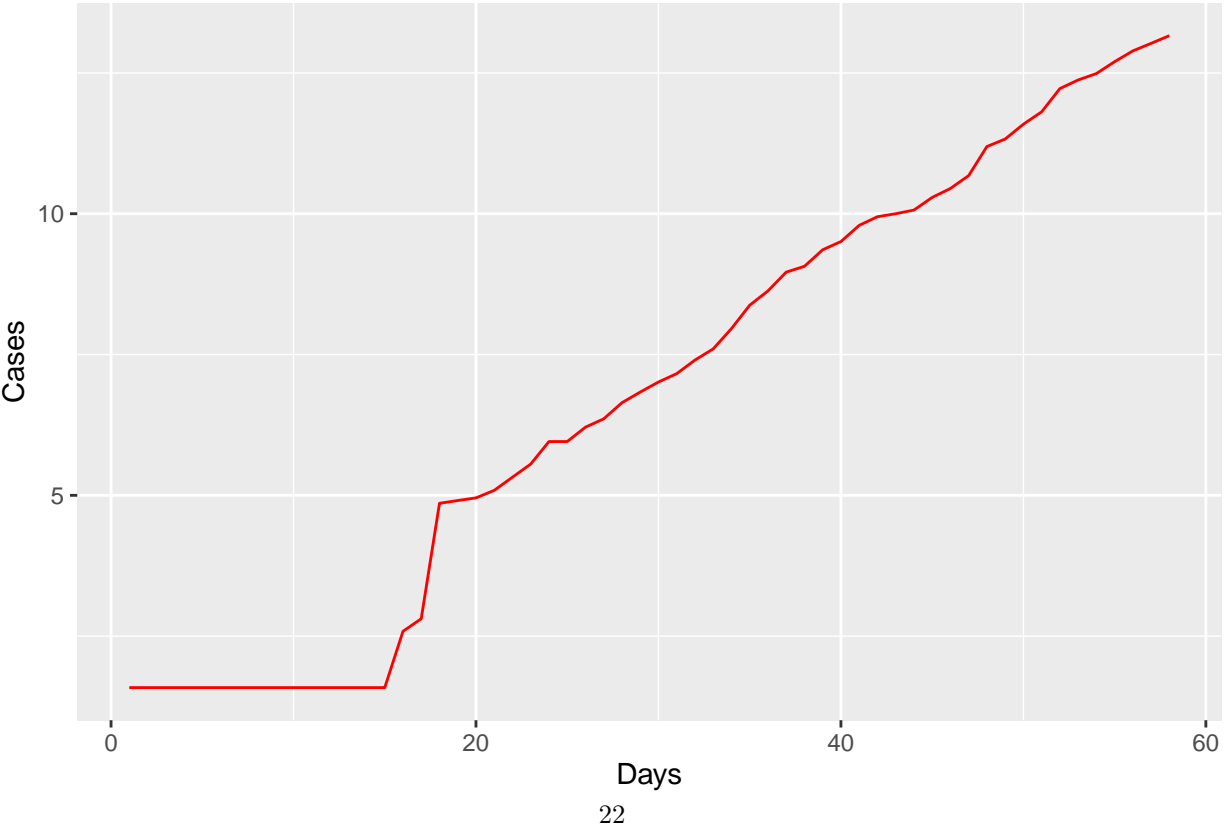
- Tomorrow's predicted case number is between 5.7137805×10^5 and 6.599042×10^5 cases.
- Current doubling rate is **15 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **3 days**.
- Latest Observed Growth Rate **4.6606457** percent.
- Mean Growth Rate: **20.8761864** percent.
- Median Growth Rate: **21.3603819** percent.
- Standard deviation: +/- **14.8227484**.

India Corona Dashboard

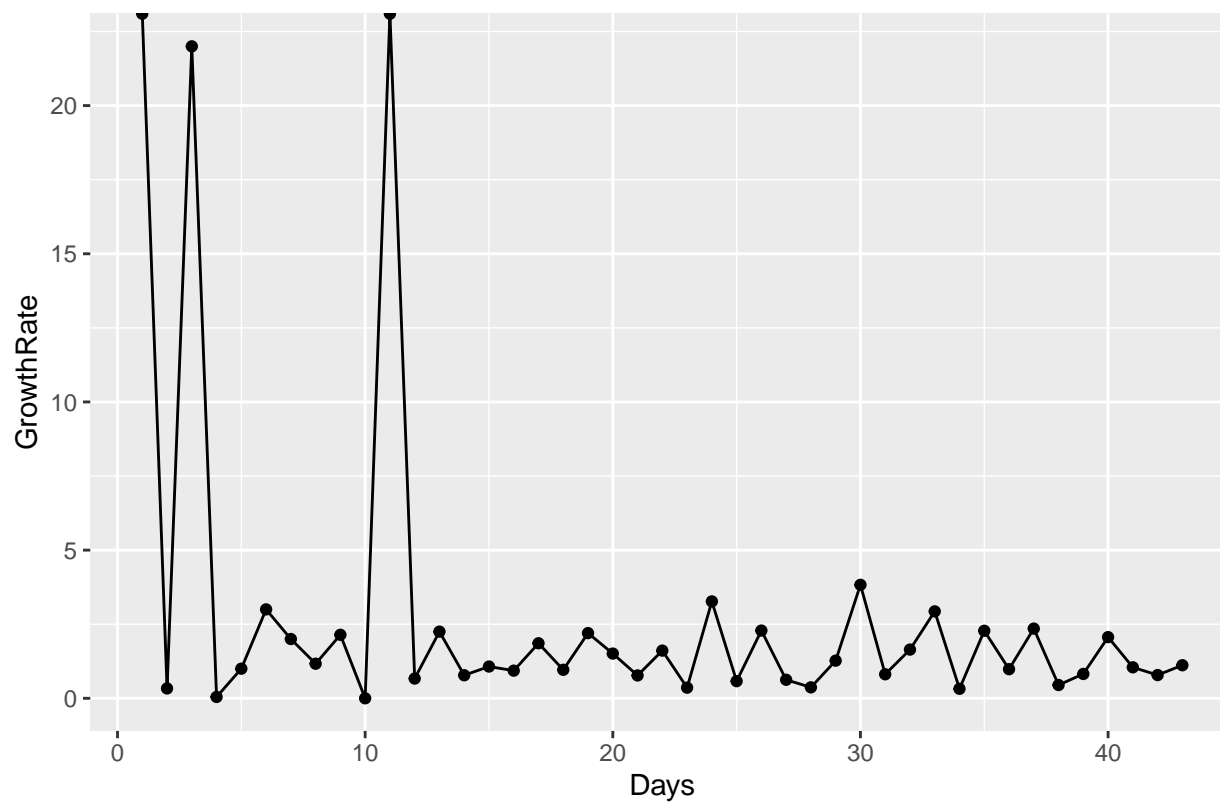
India: Daily Cases

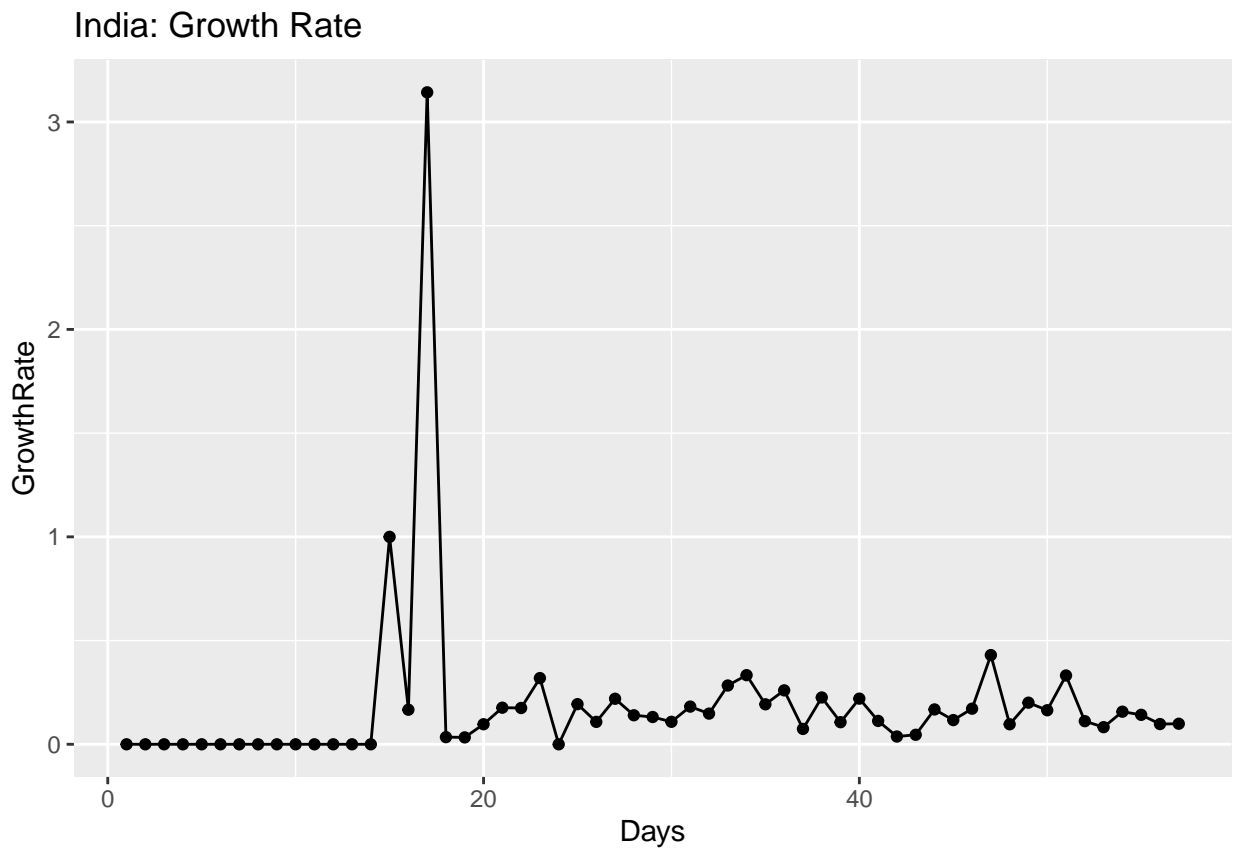


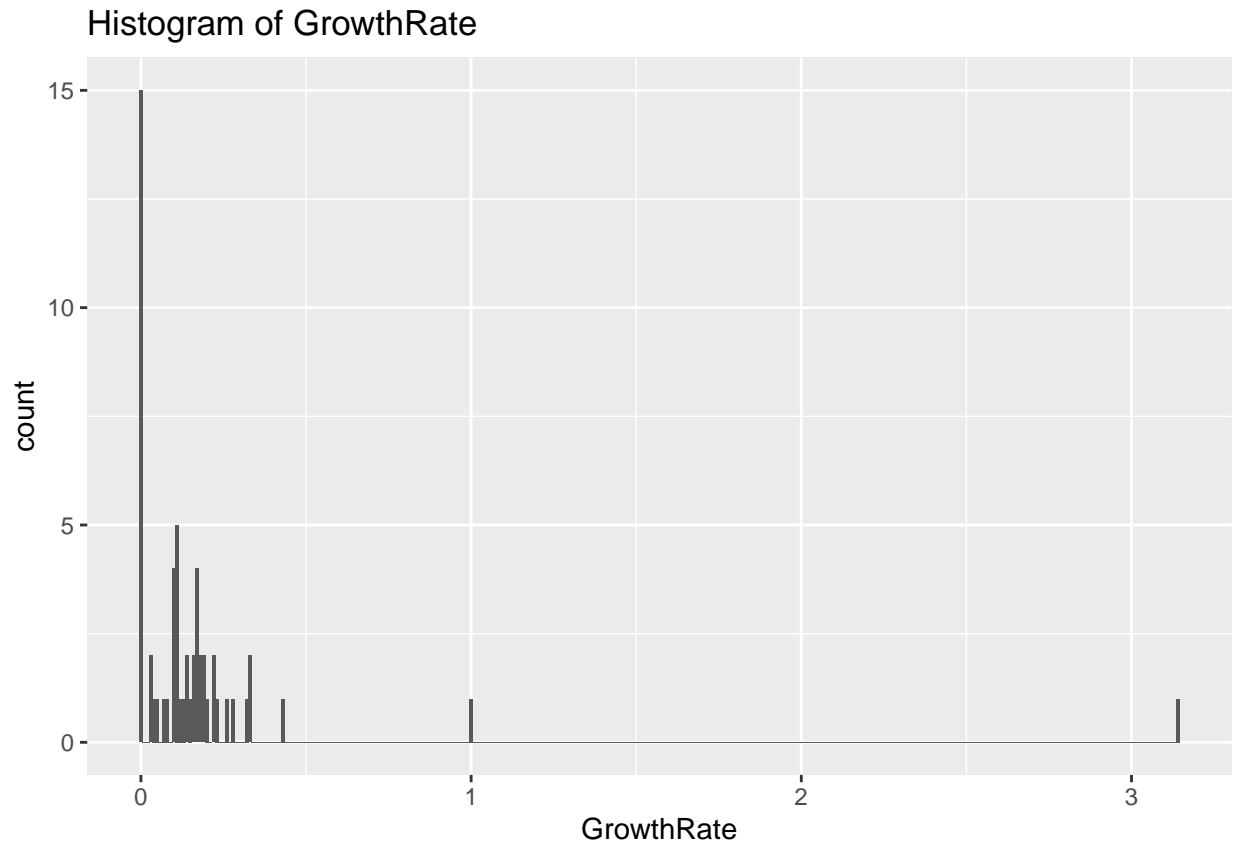
India: Daily Cases

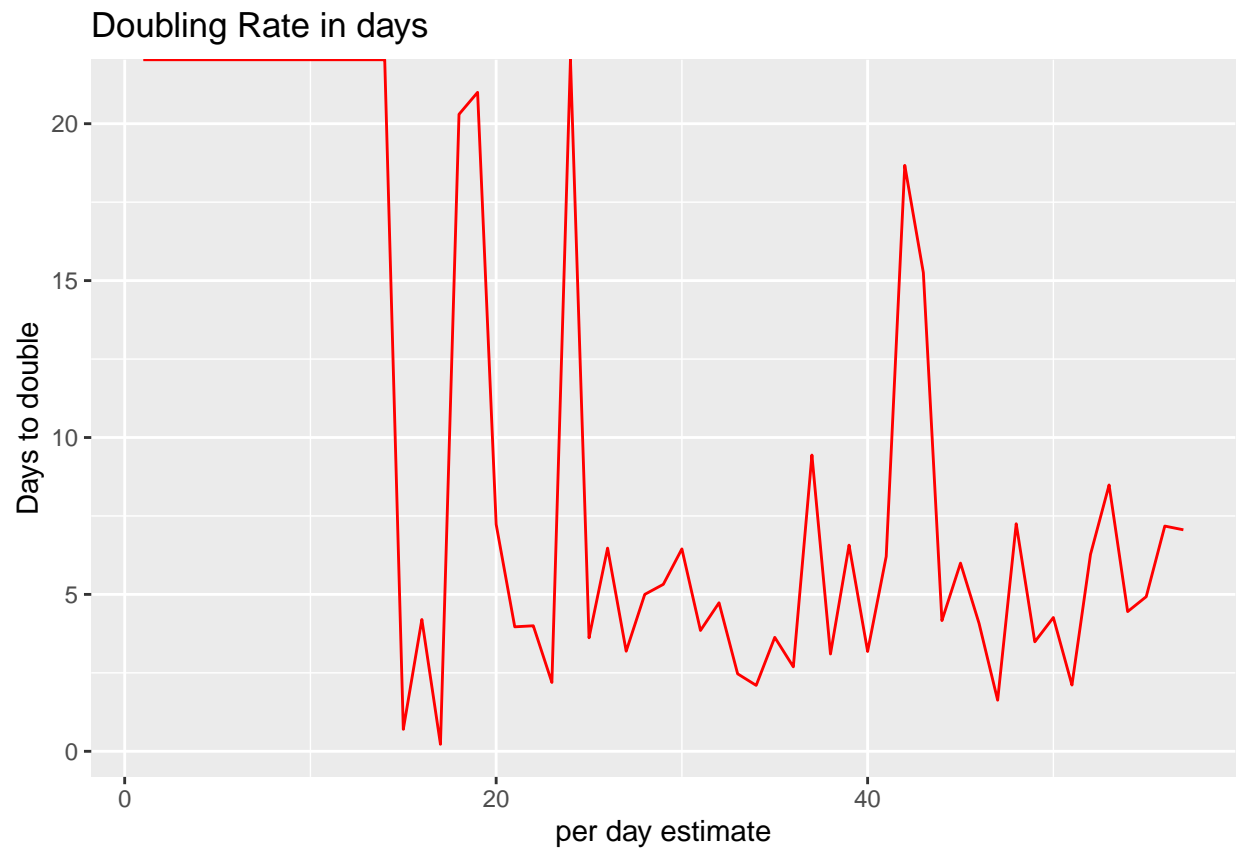


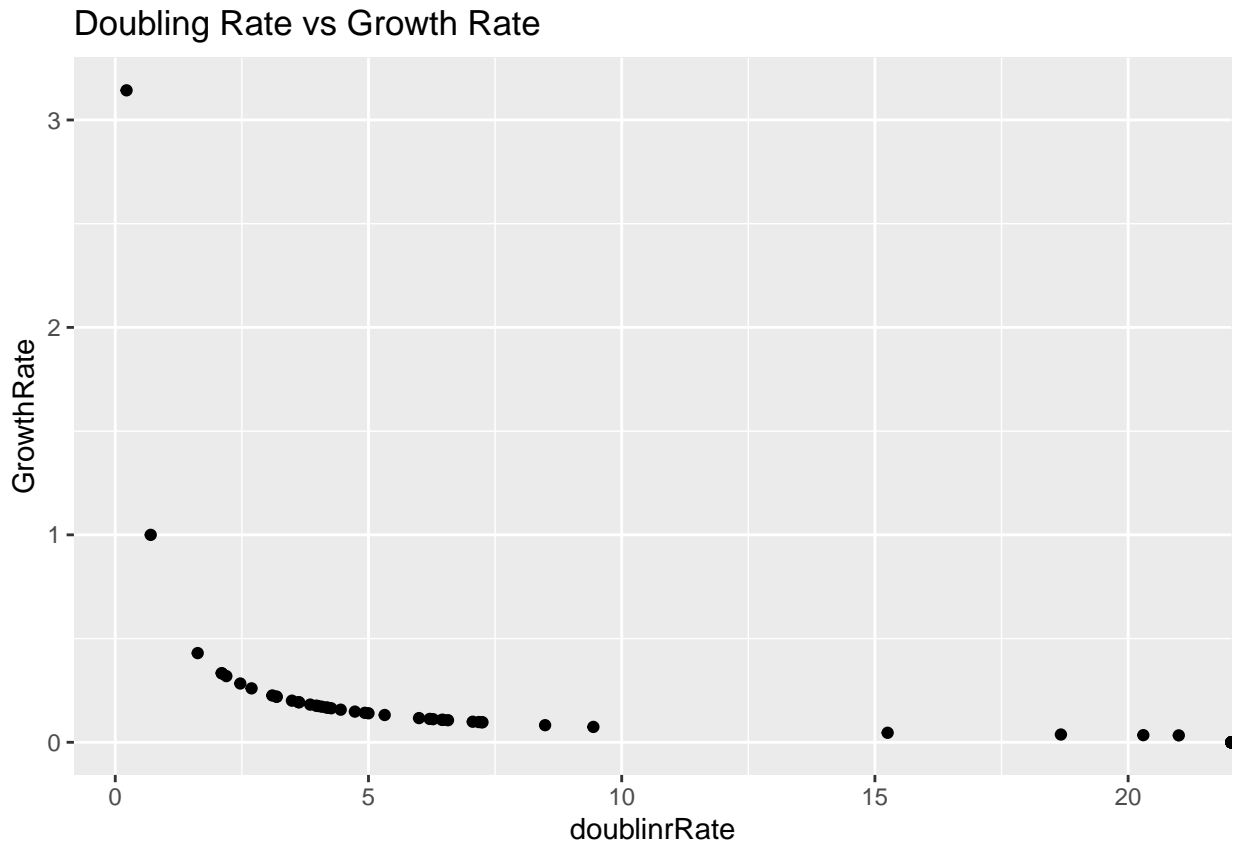
US: Rate of change in Growth Rate

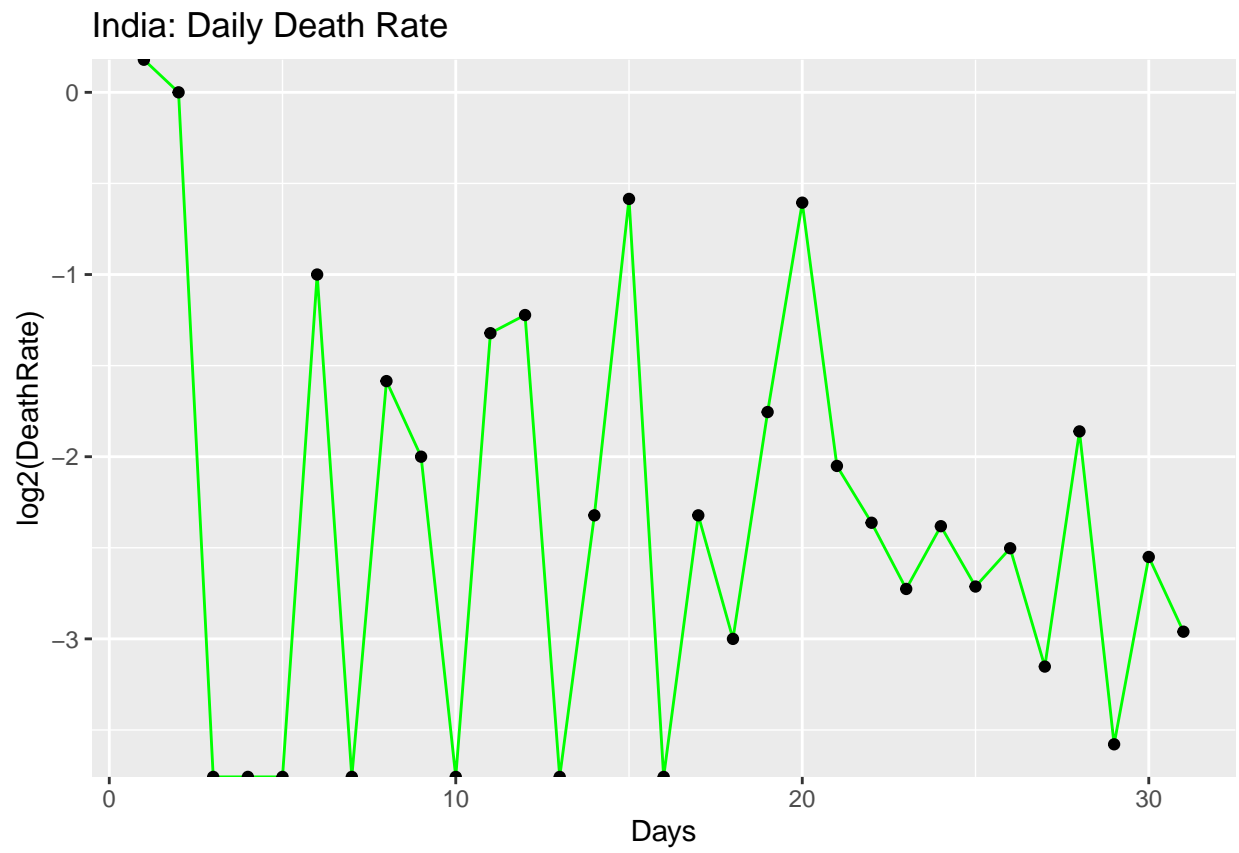


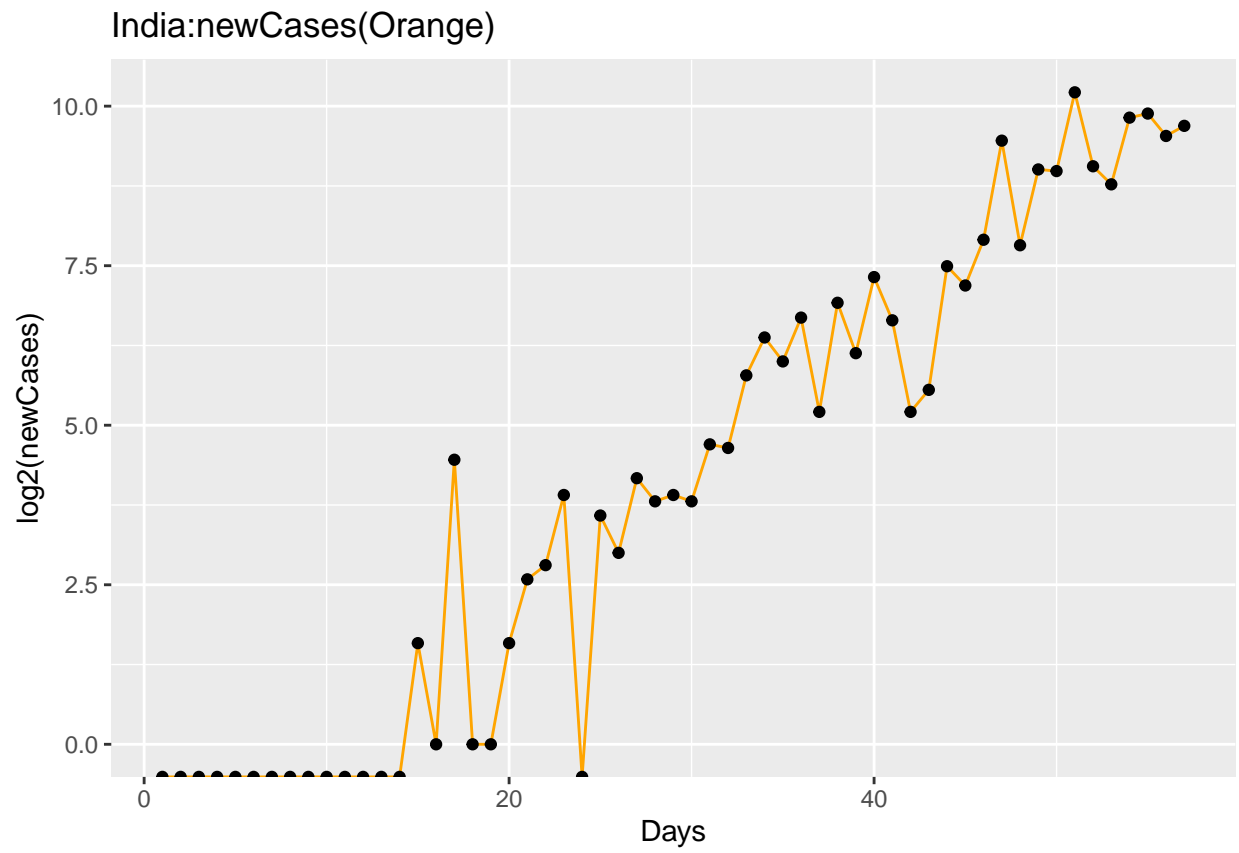


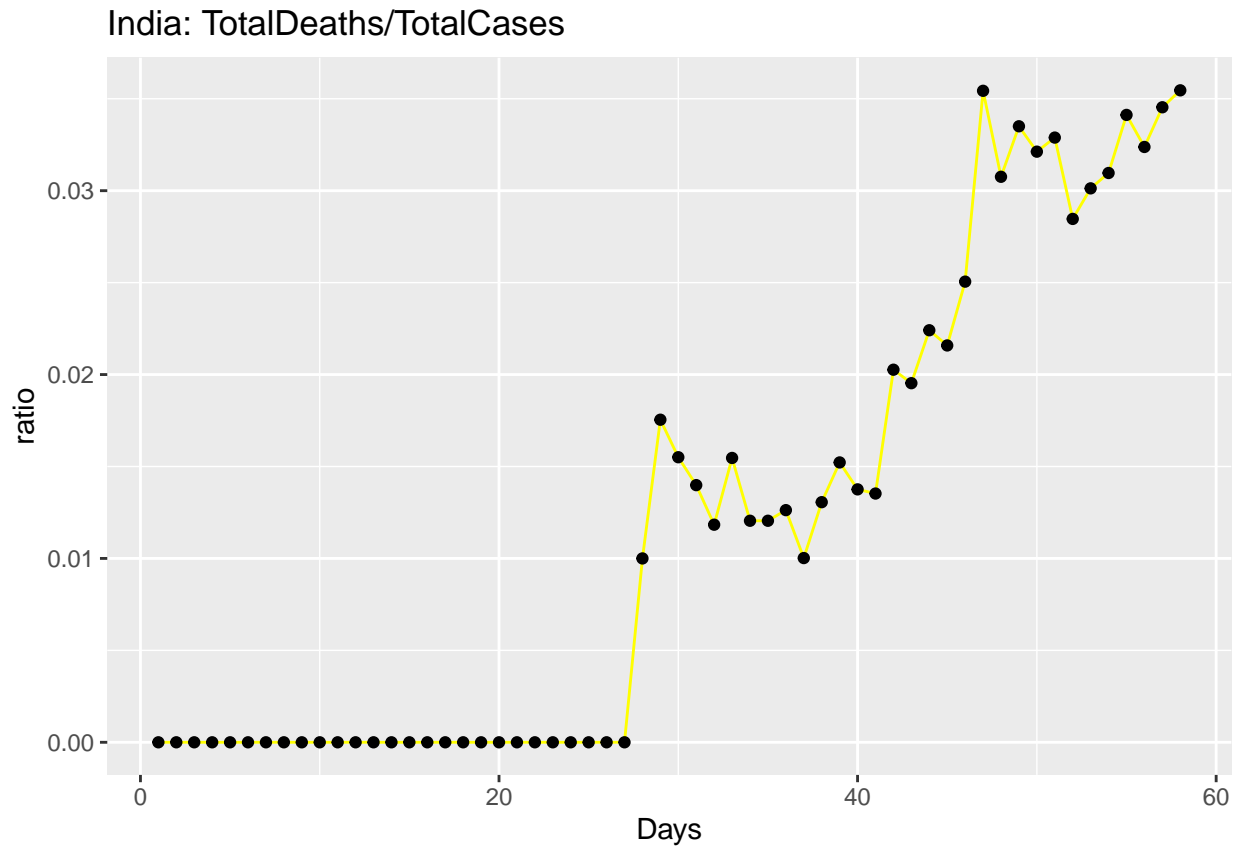


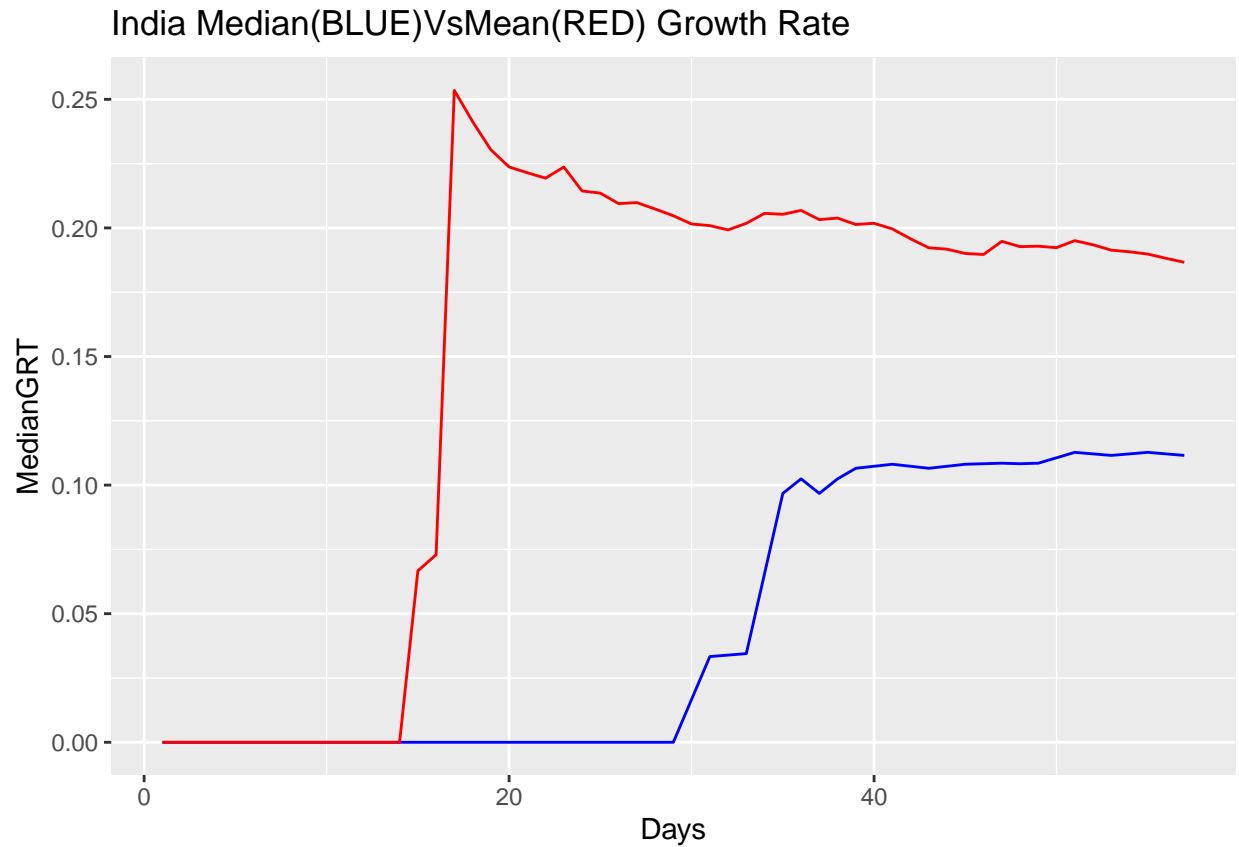












Results:

- Tomorrow's predicted case number is between 1.0075016×10^4 and 1.0876625×10^4 cases.
- Current doubling rate is **7 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 **9.9172563** percent.
- Mean Growth Rate: **18.6627191** percent.
- Median Growth Rate: **11.1552951** percent.
- Standard deviation: +/- **42.785604**.