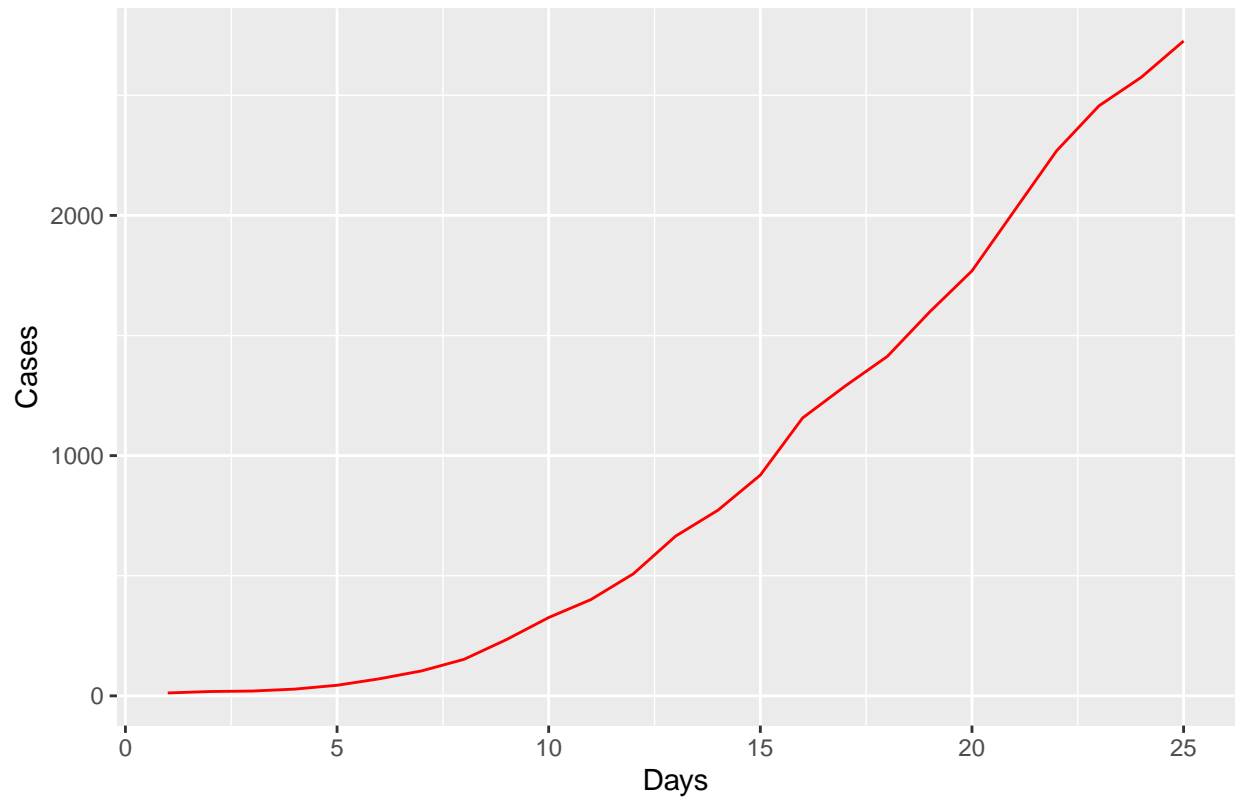


Arizona/US/India Corona Trends- 8th April 2020 with tomorrow's prediction

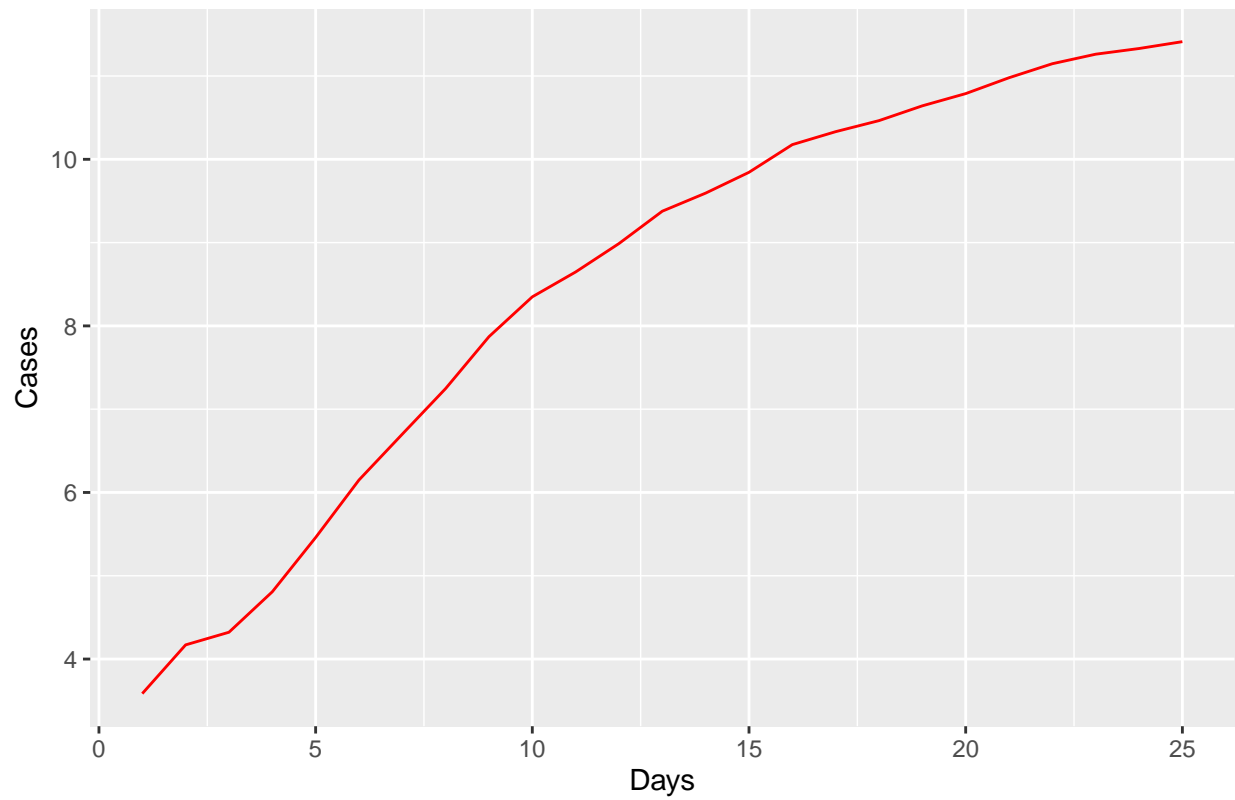
Whitchurch Muthumani

4/8/2020

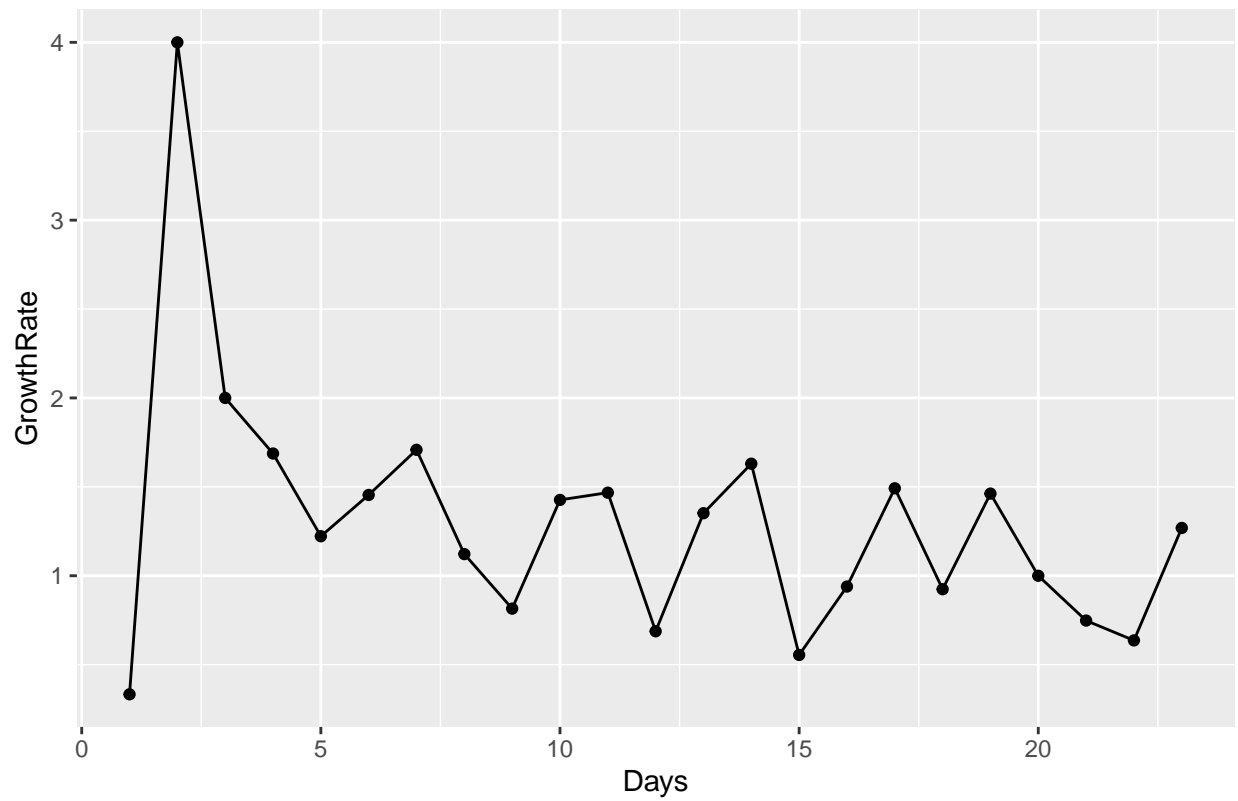
Arizona: Daily Cases



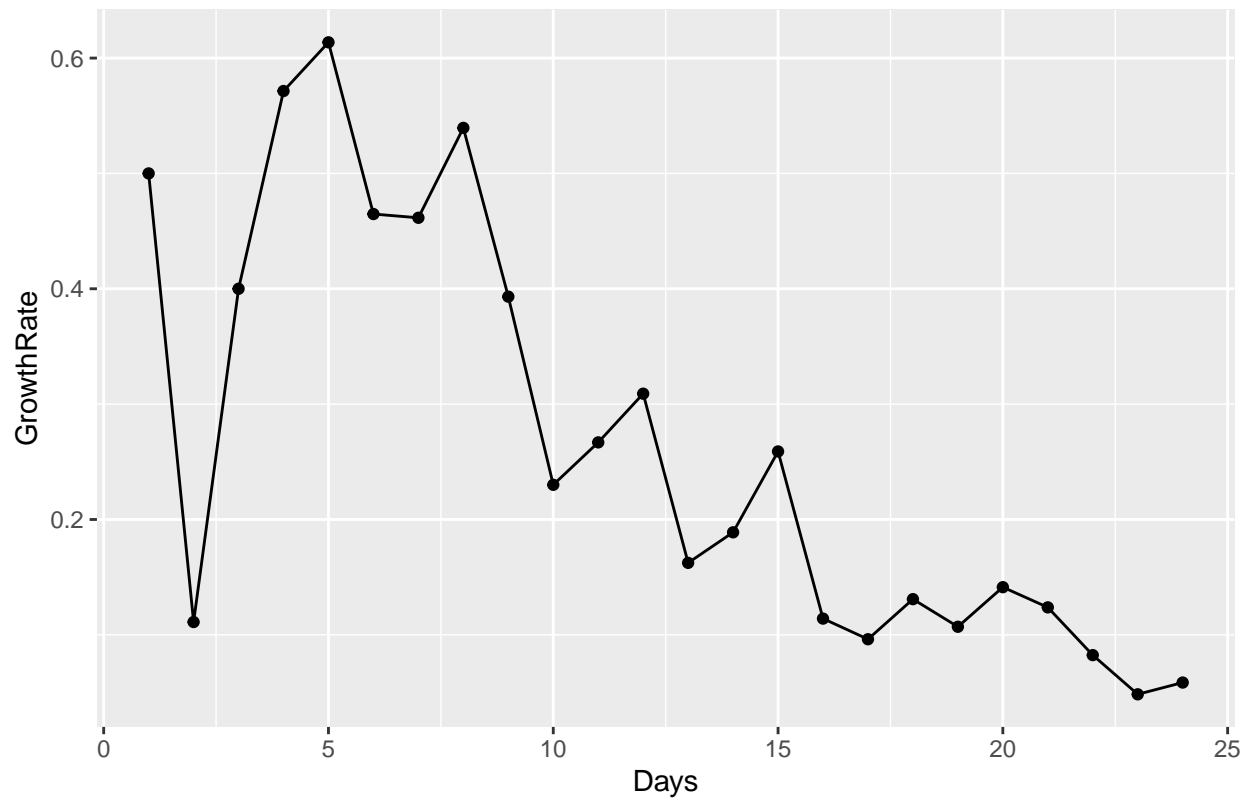
Arizona: Daily Cases

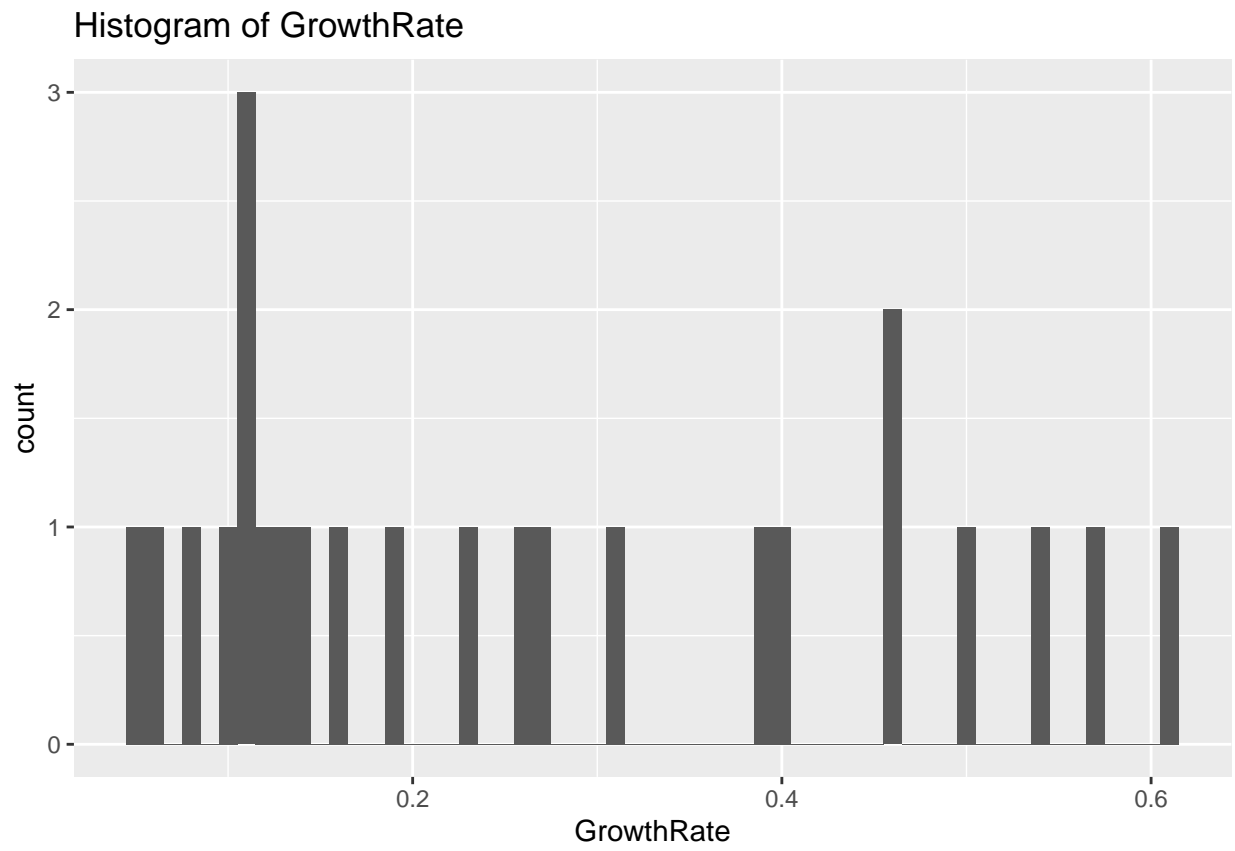


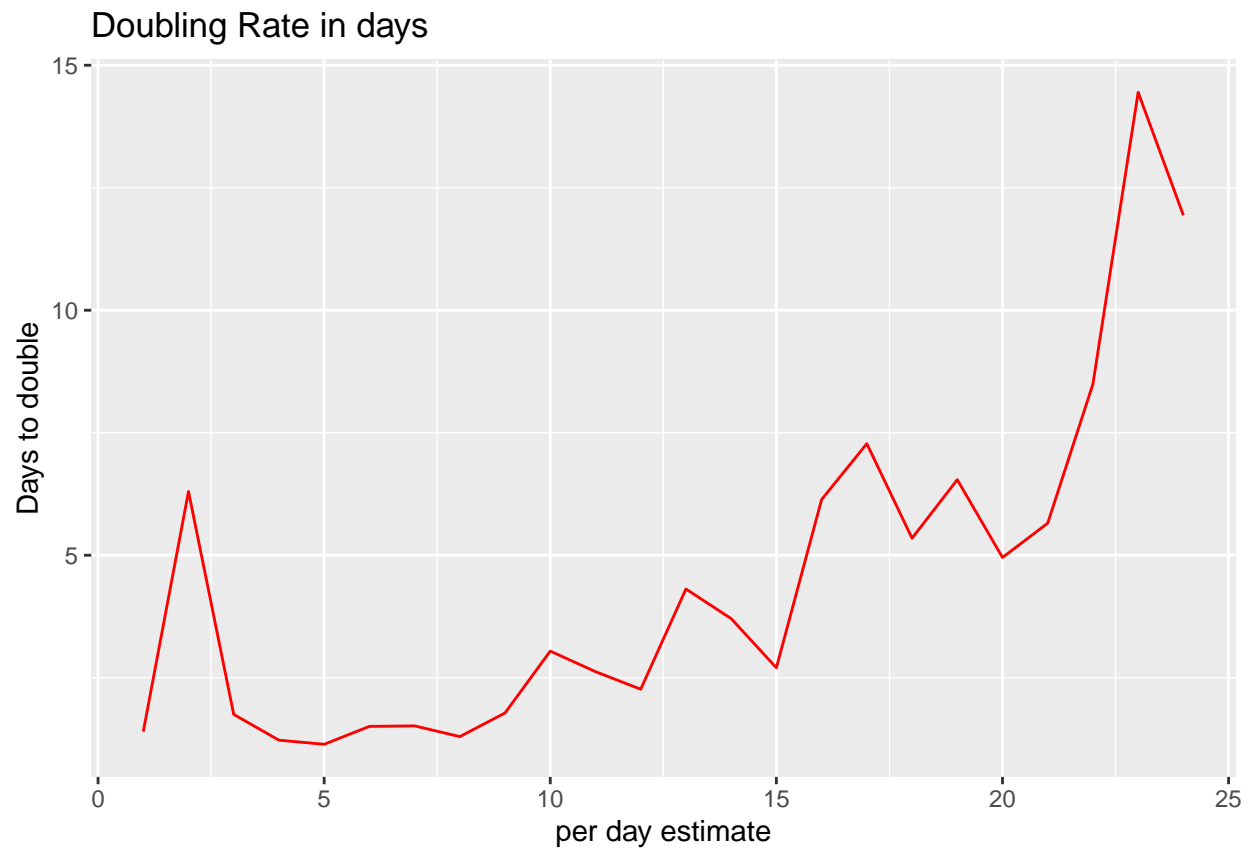
Arizona: Rate of change in Growth Rate

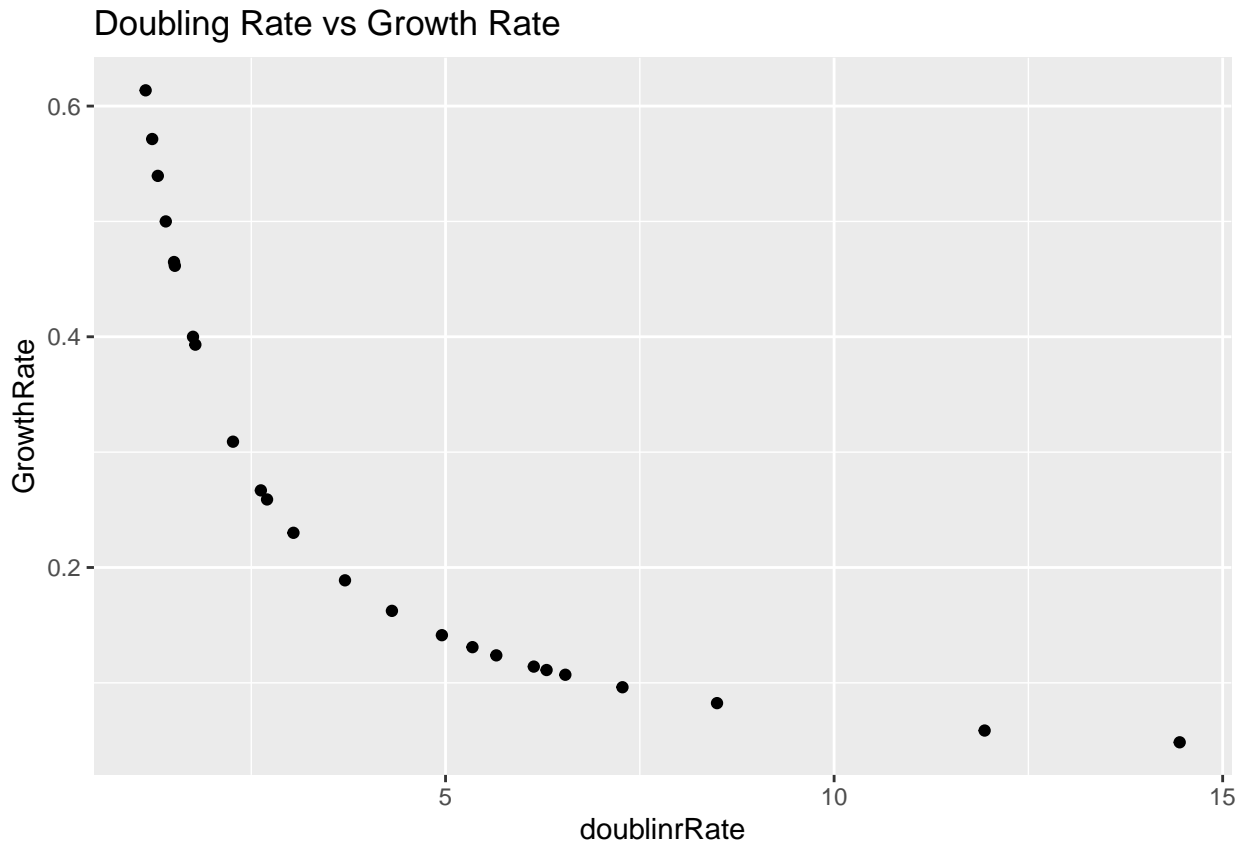


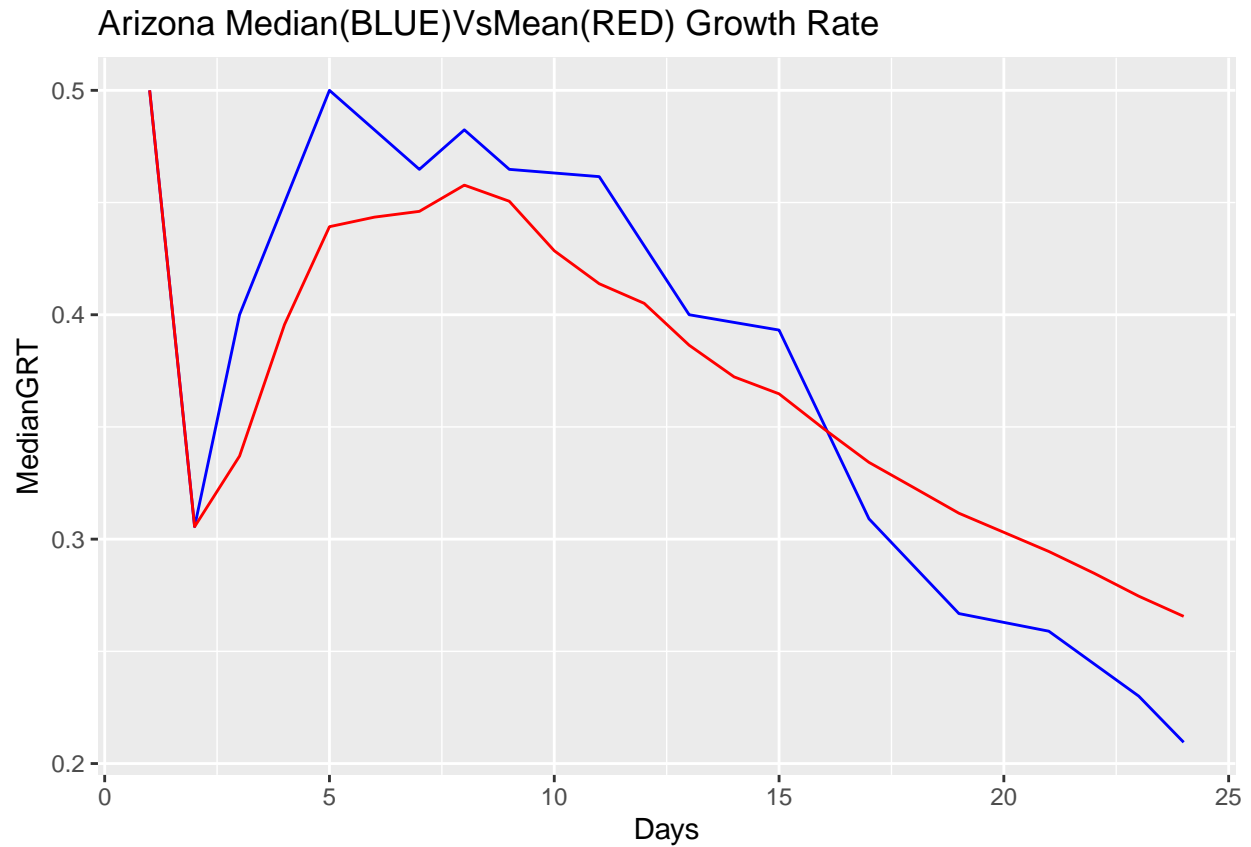
Arizona: Growth Rate









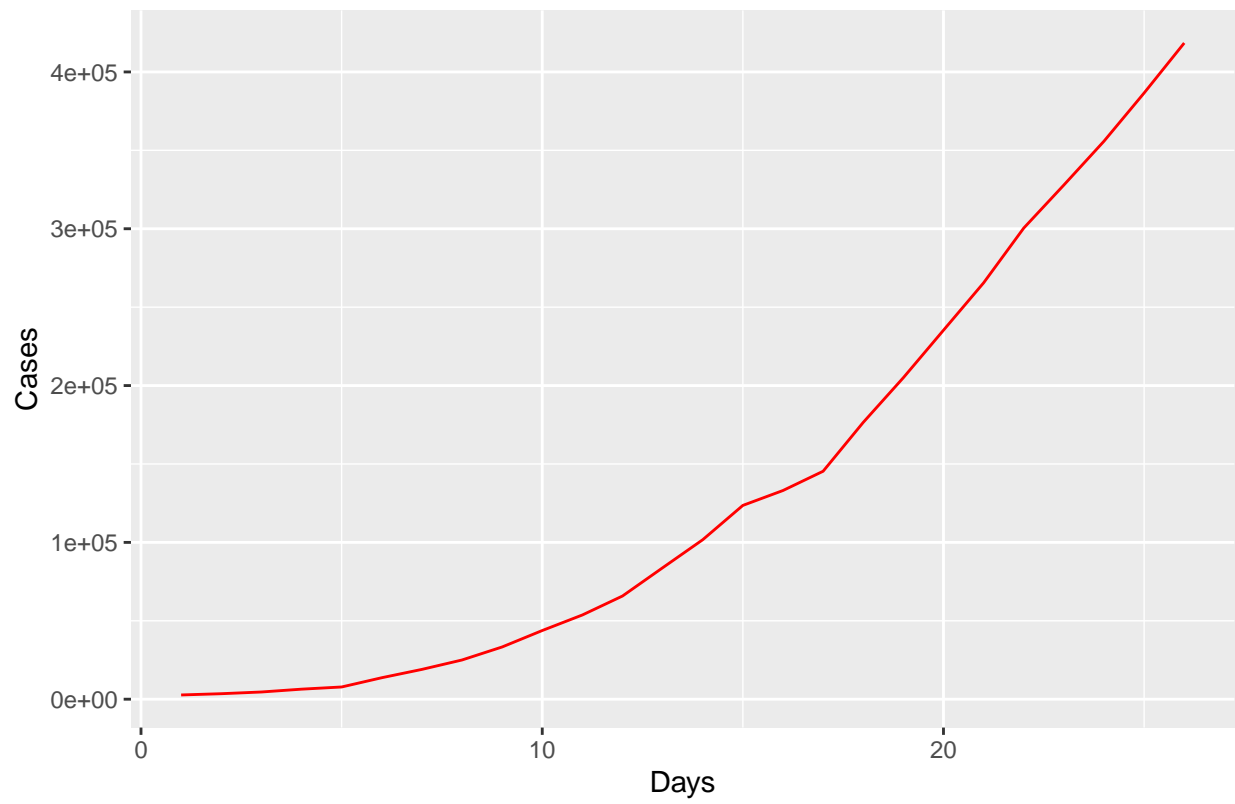


Results:

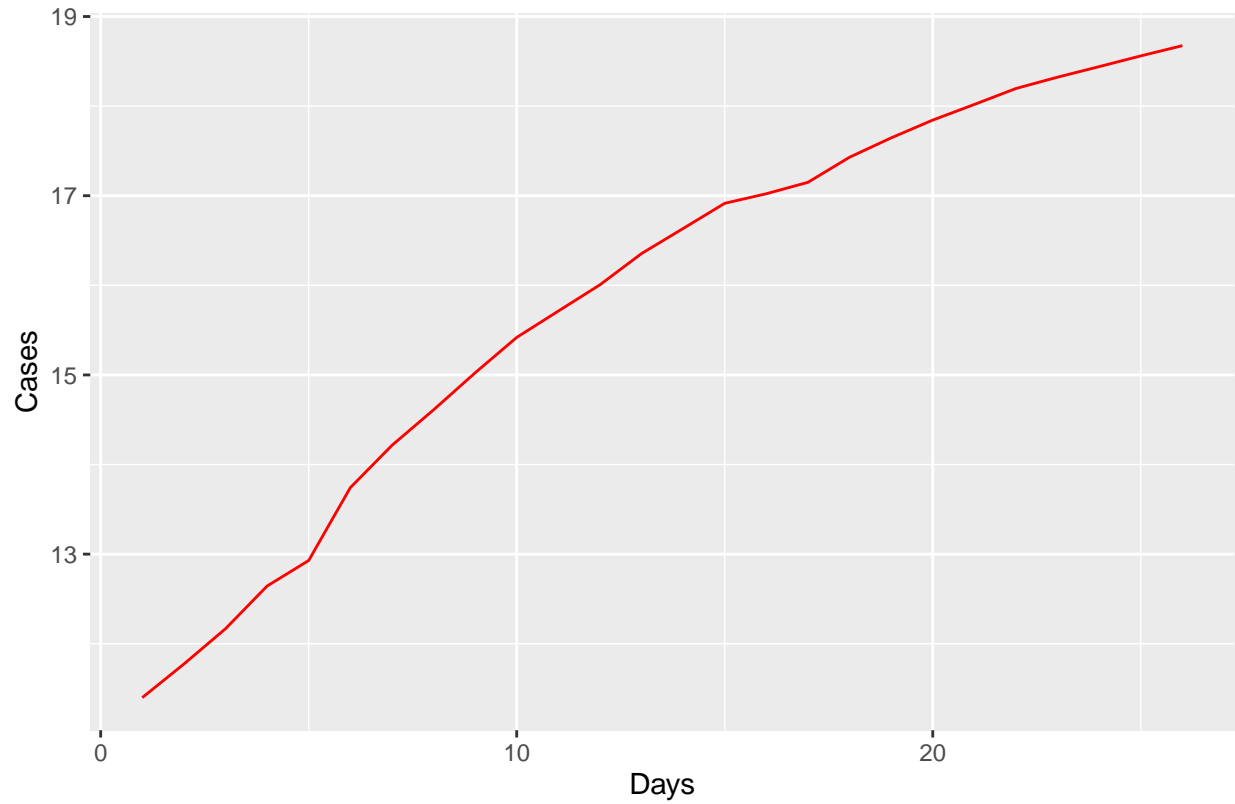
- Tomorrows predicted case number is between **2885.8547573** and **3450.0056291** cases.
- Current doubling rate is **12 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **3 days**.
- Latest Observed Growth Rate **5.8640777** percent.
- Mean Growth Rate: **26.5592674** percent.
- Median Growth Rate: **20.9467932** percent.
- Standard deviation: +/- **18.1136652**.

US Corona Dashboard

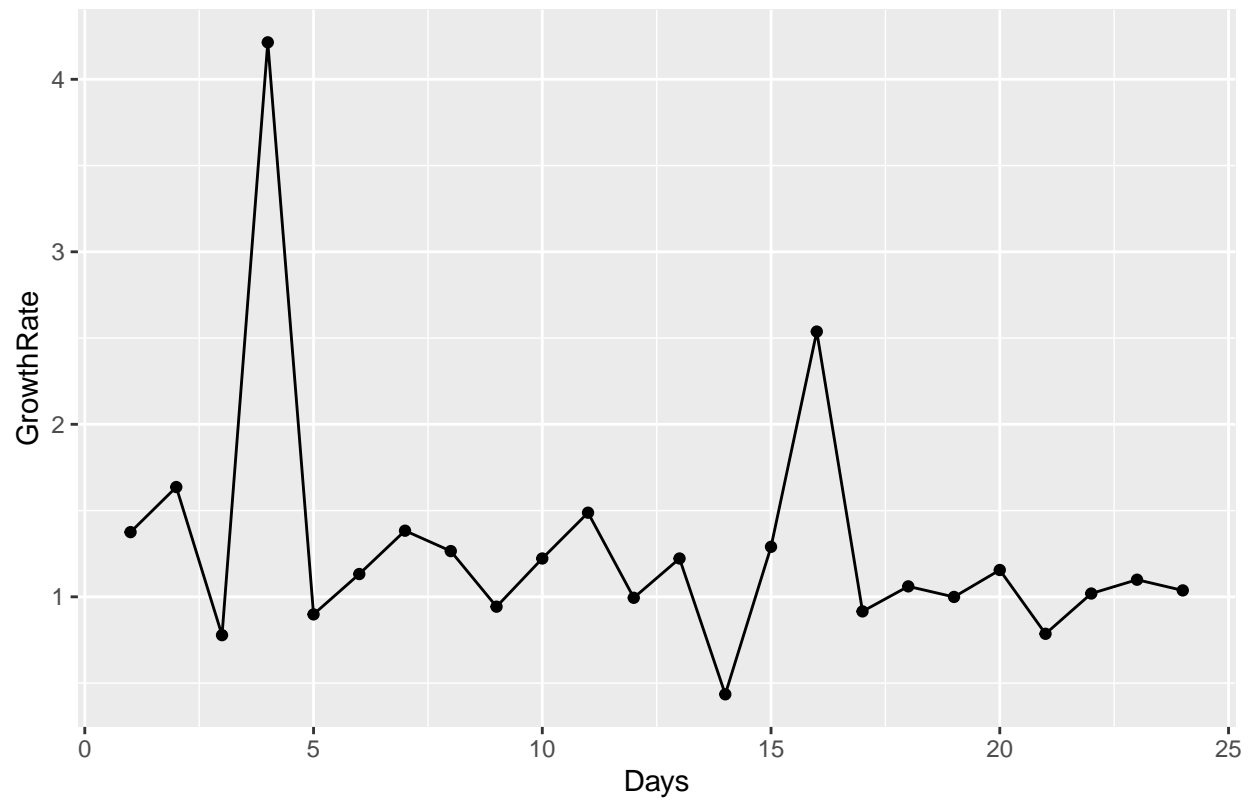
US: Daily Cases



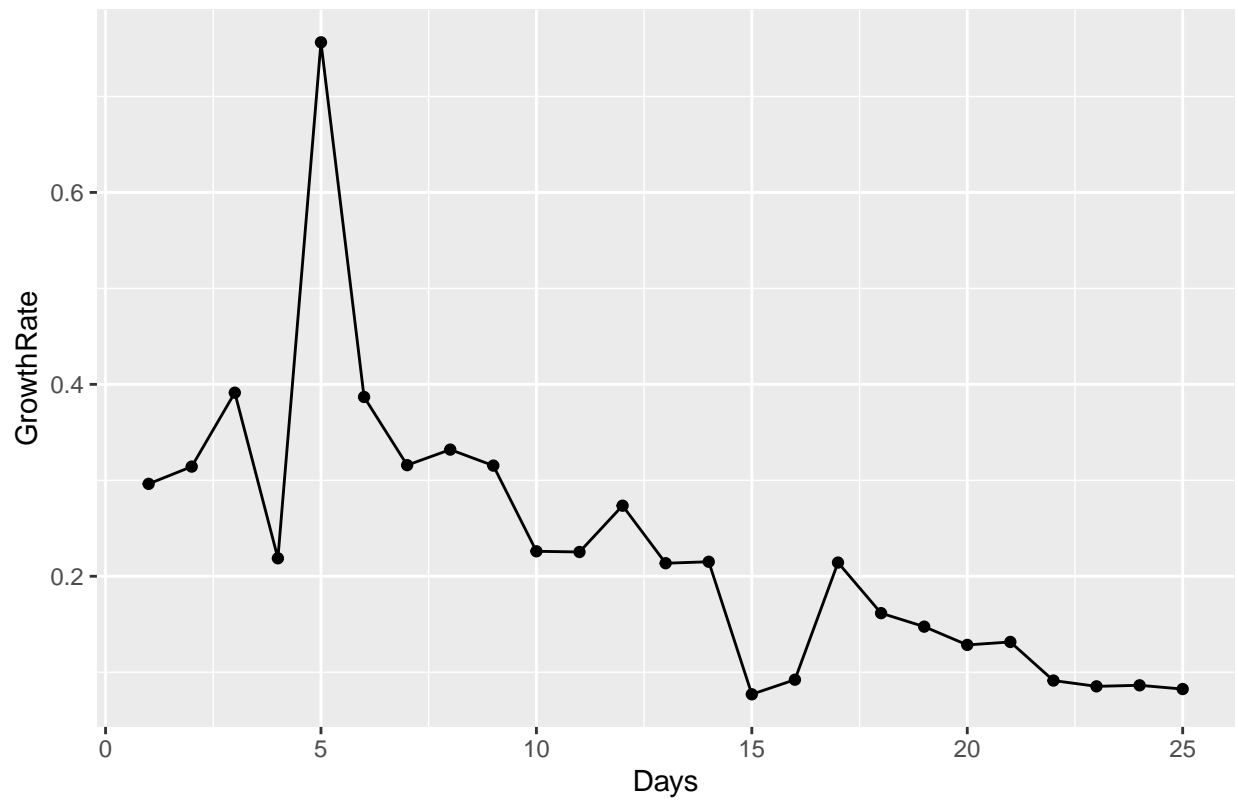
US: Daily Cases

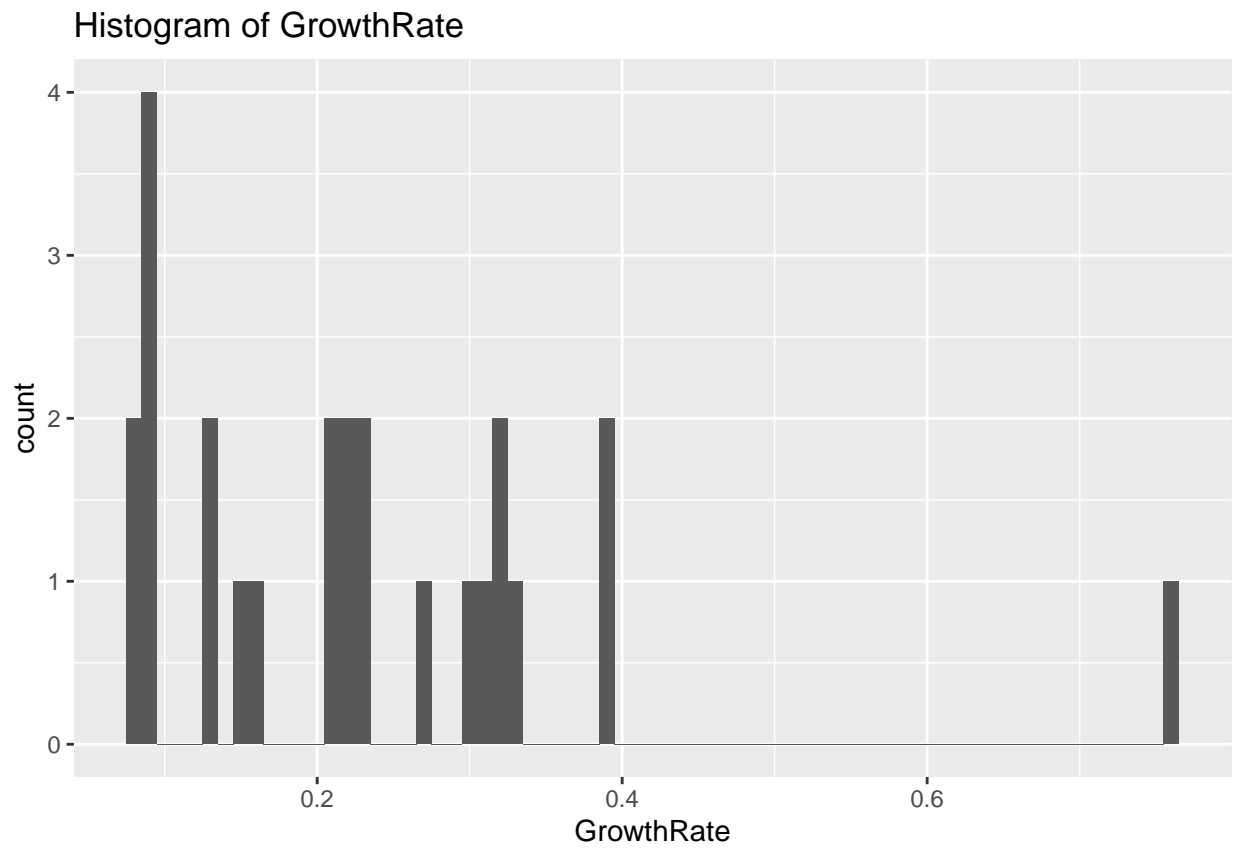


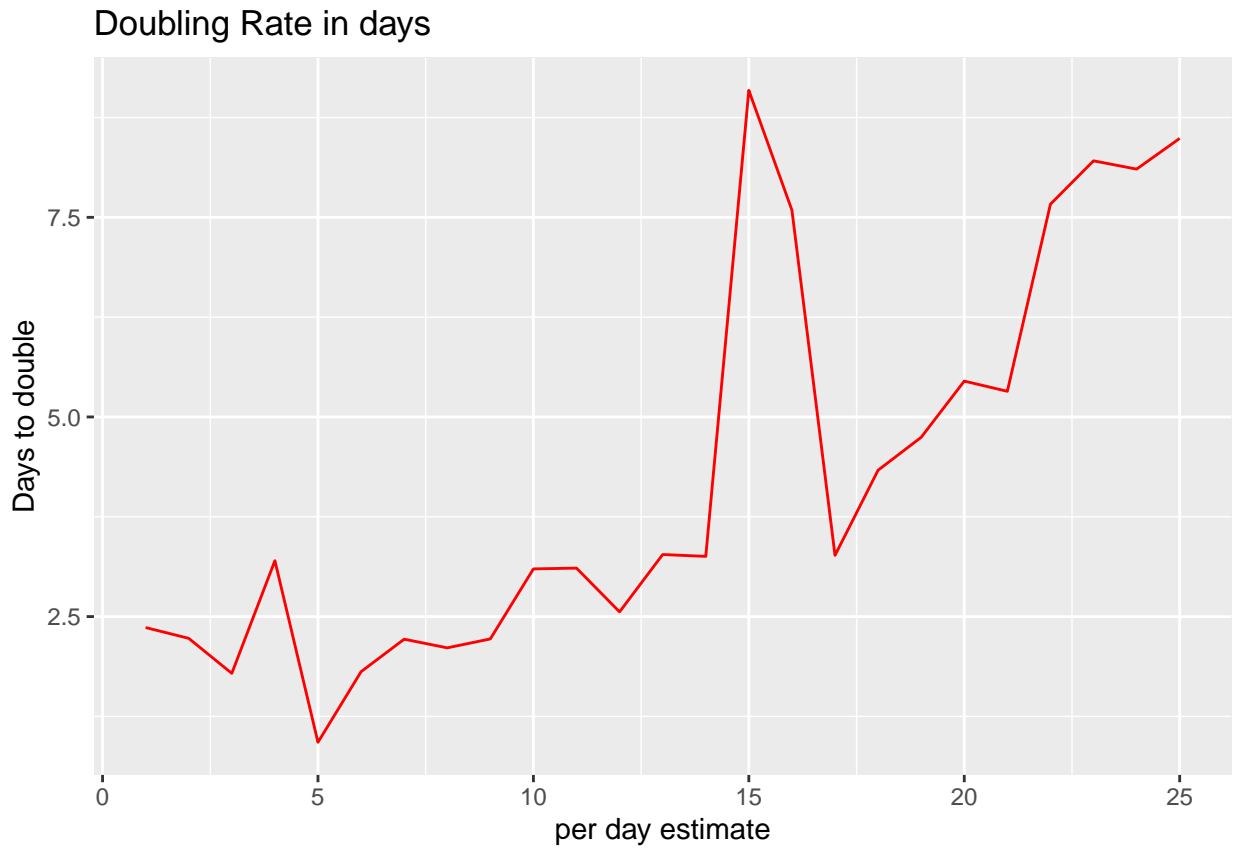
US: Rate of change in Growth Rate



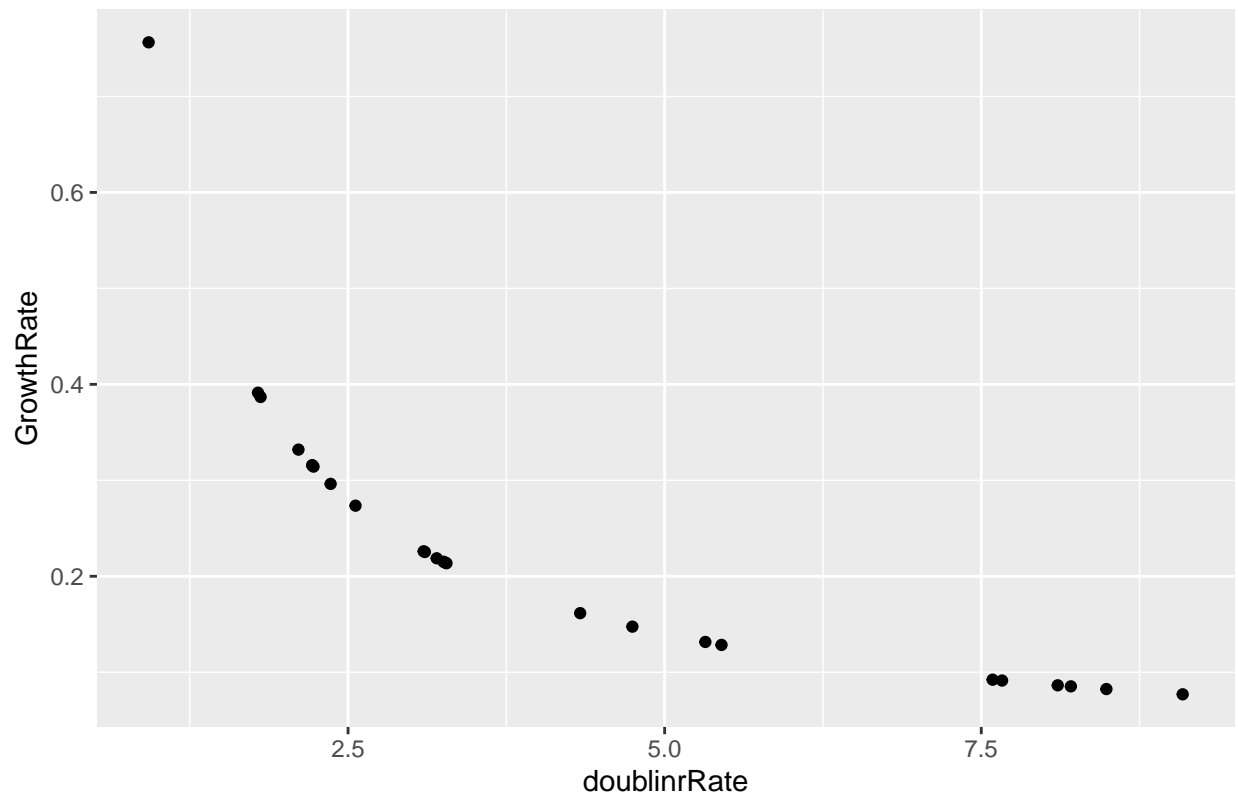
US: Growth Rate

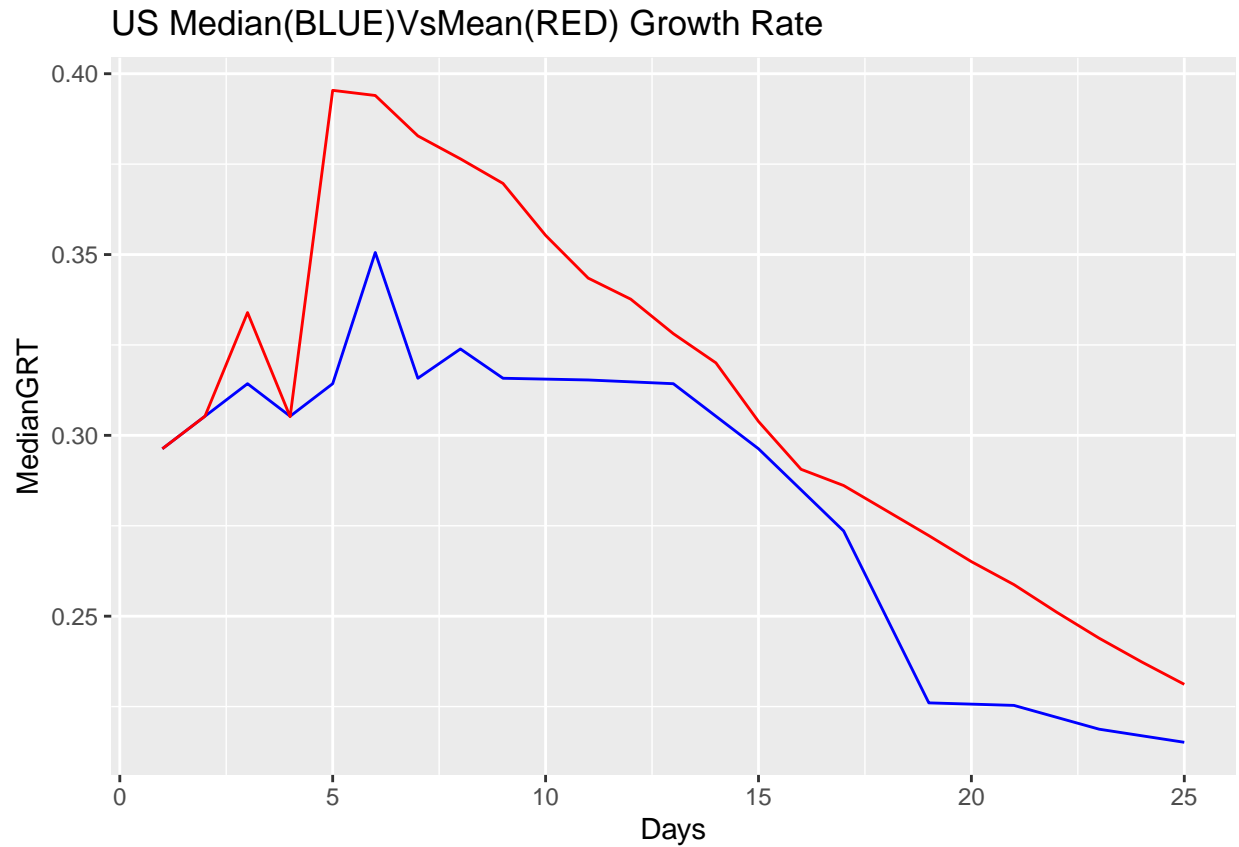






Doubling Rate vs Growth Rate

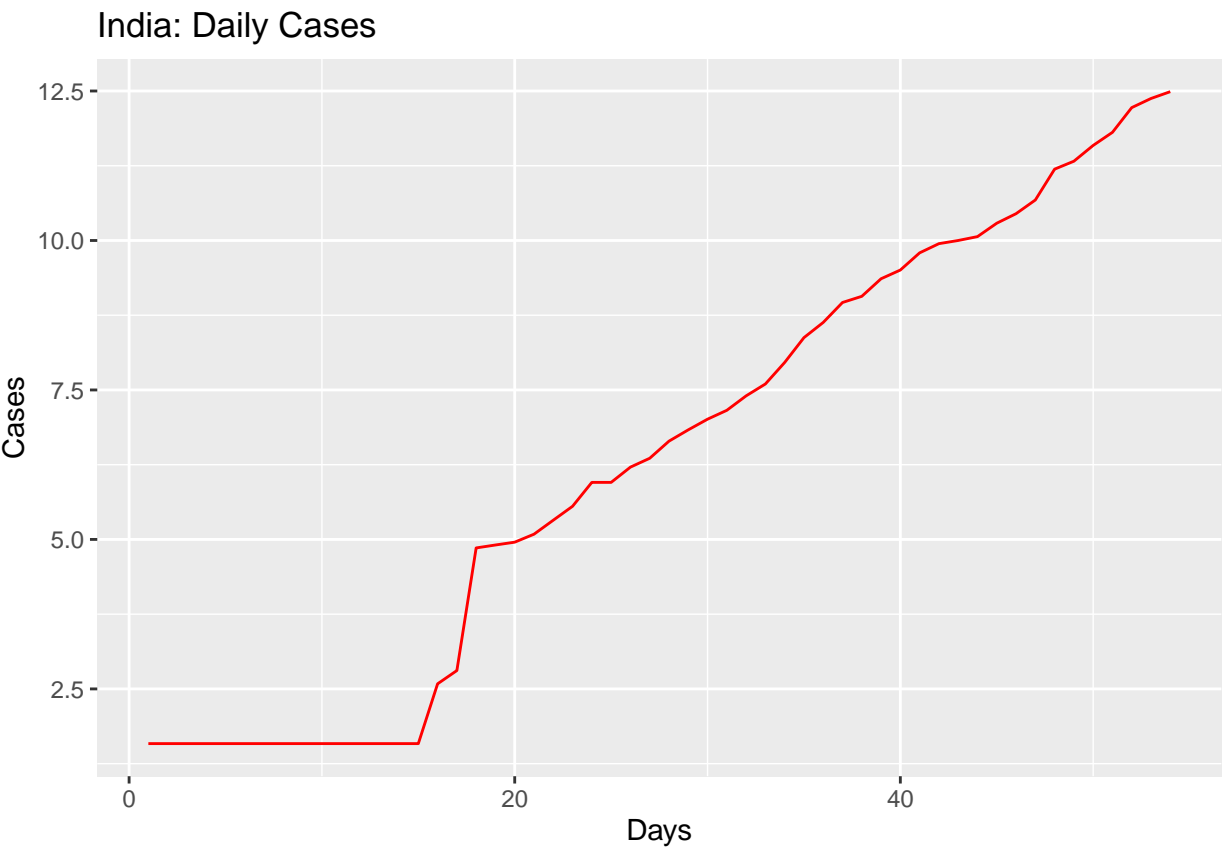
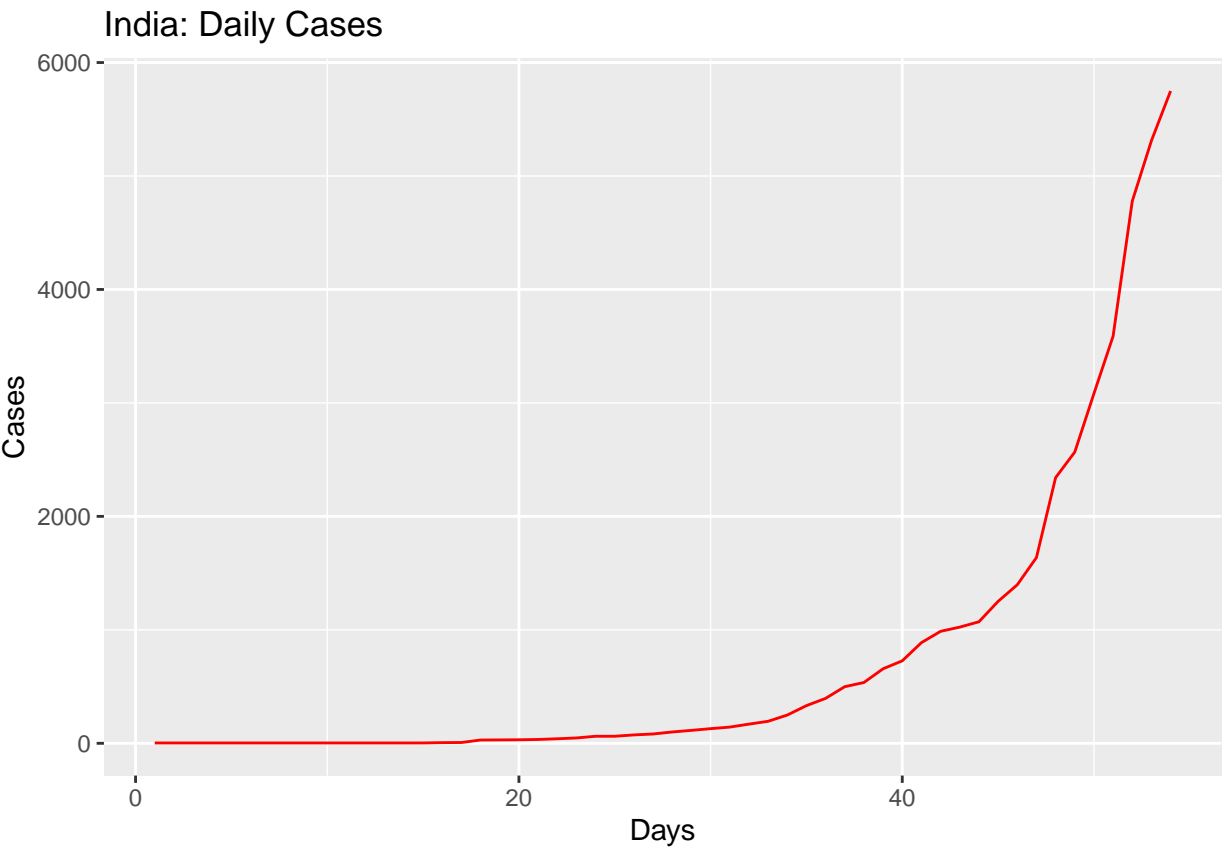




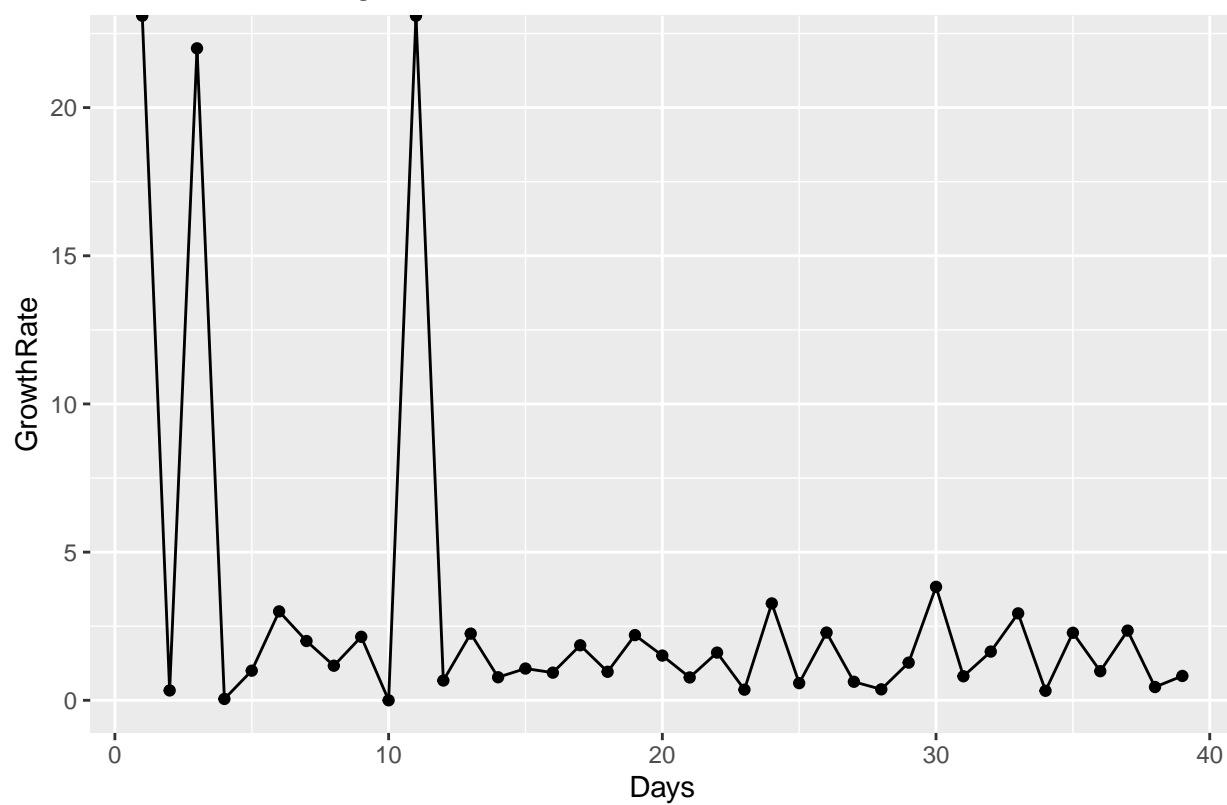
Results:

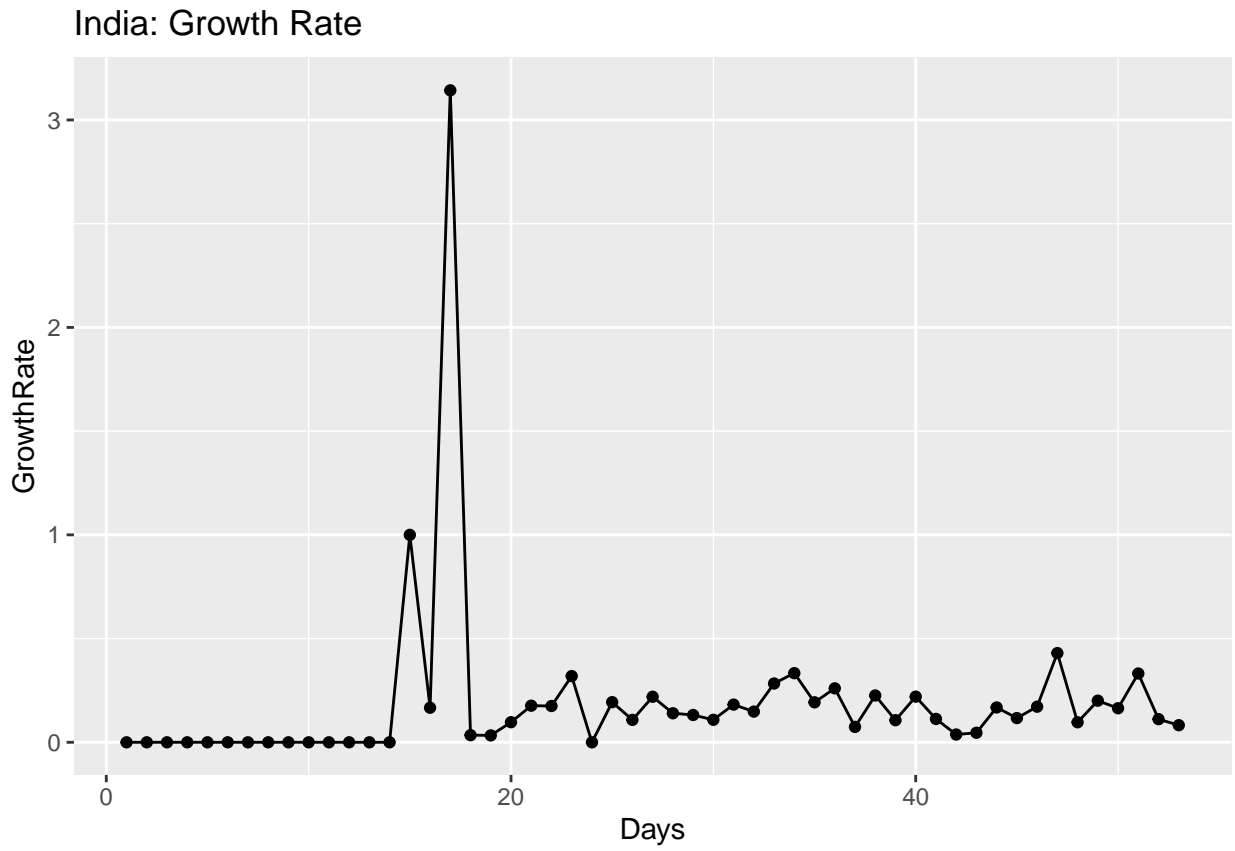
- Tomorrow's predicted case number is between 4.529601×10^5 and 5.1517513×10^5 cases.
- Current doubling rate is **8 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **3 days**.
- Latest Observed Growth Rate **8.246868** percent.
- Mean Growth Rate: **23.1148053** percent.
- Median Growth Rate: **21.5122911** percent.
- Standard deviation: +/- **14.7688219**.

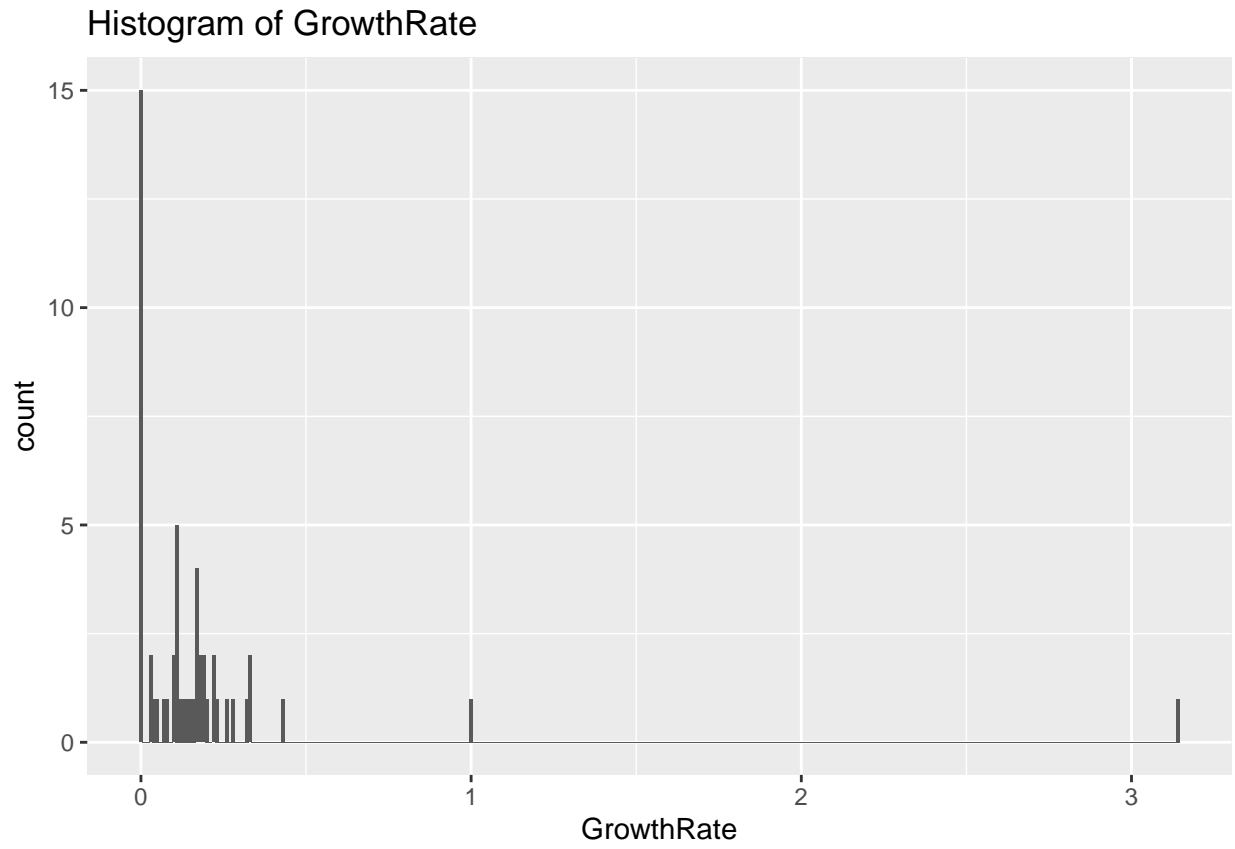
India Corona Dashboard

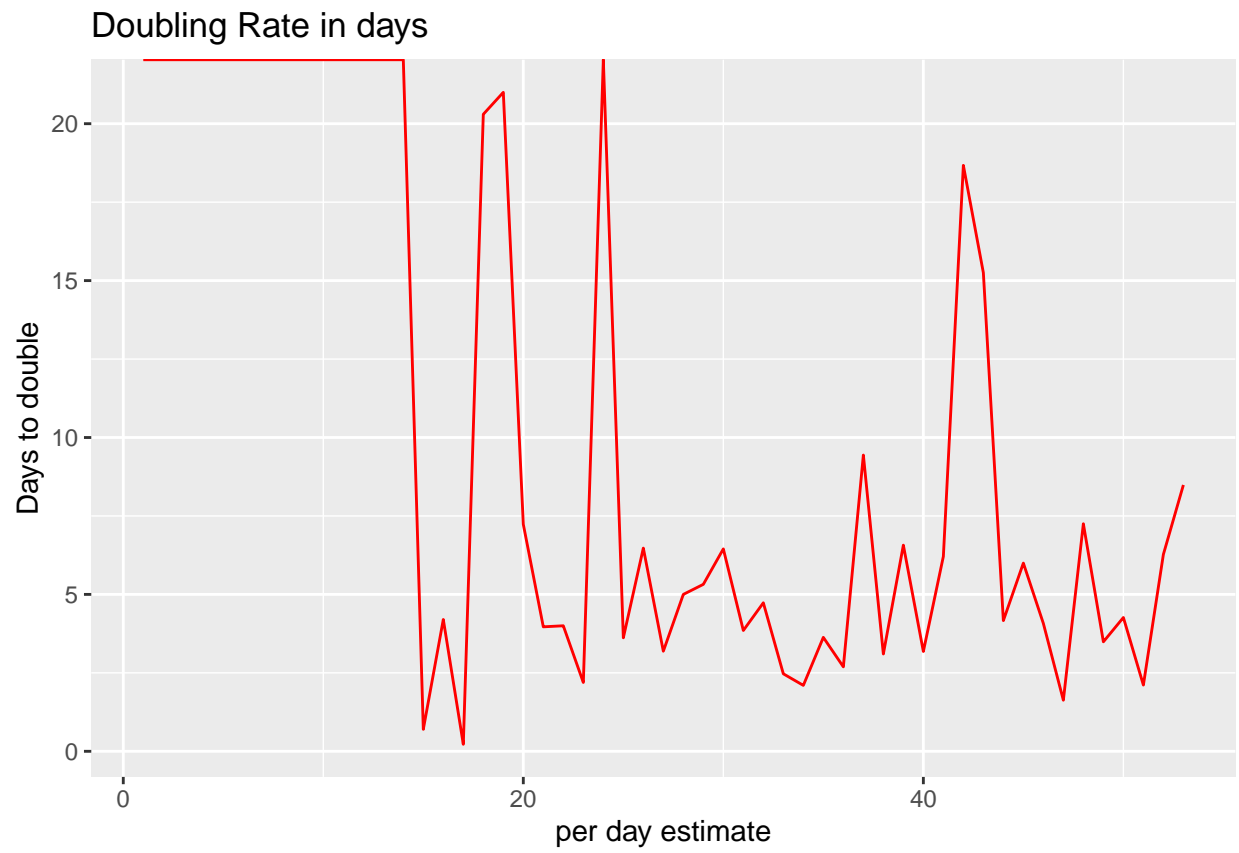


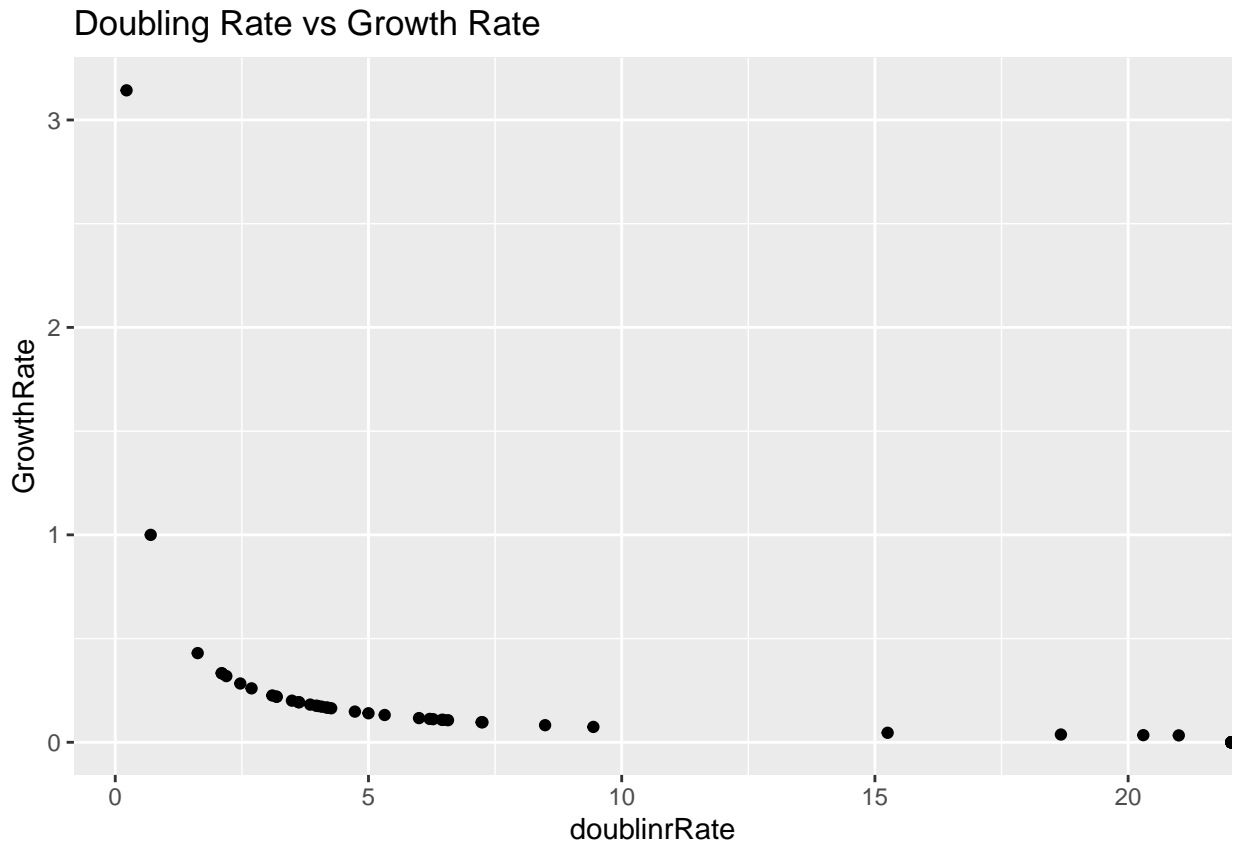
US: Rate of change in Growth Rate

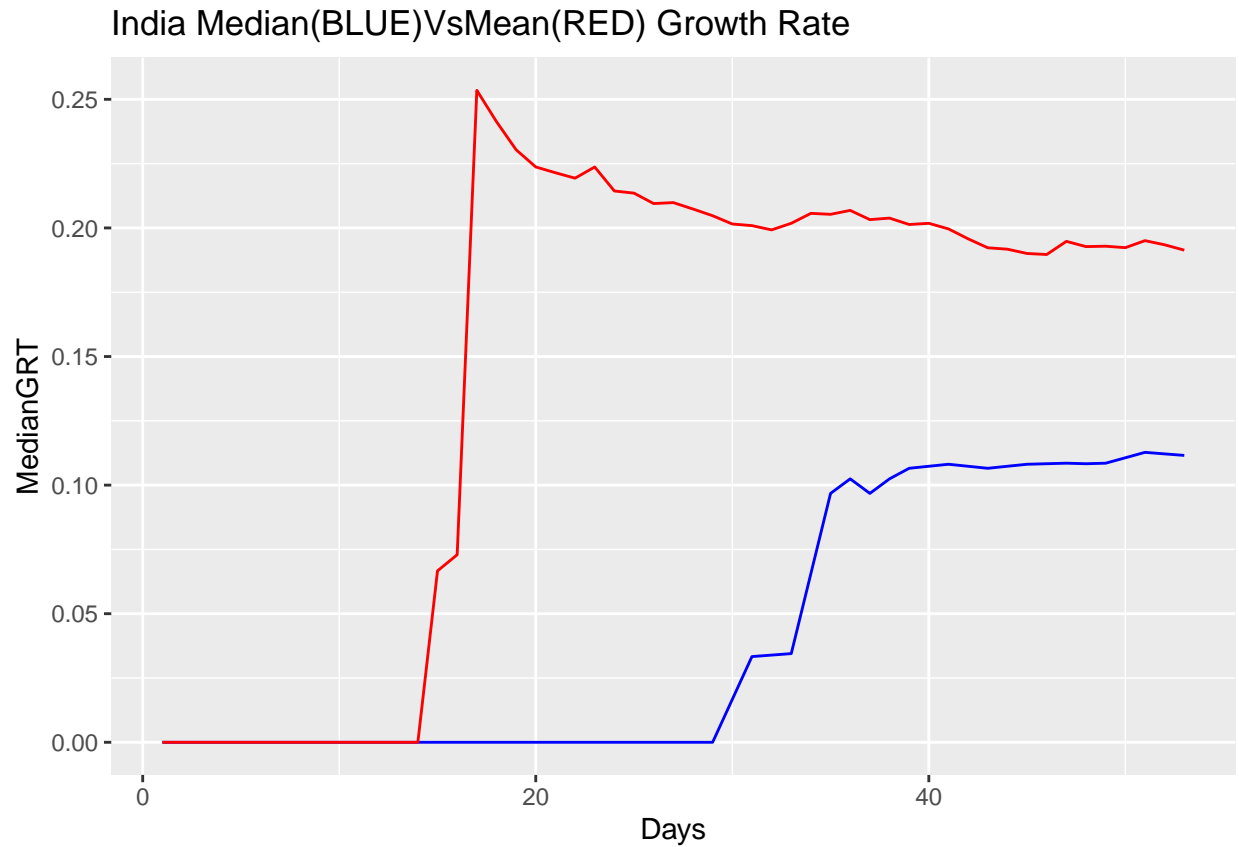












Results:

- Tomorrow's predicted case number is between **6223.1220109** and **6849.0945544** 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 **8.2470345** percent.
- Mean Growth Rate: **19.1354071** percent.
- Median Growth Rate: **11.1552951** percent.
- Standard deviation: +/- **44.3582042**.