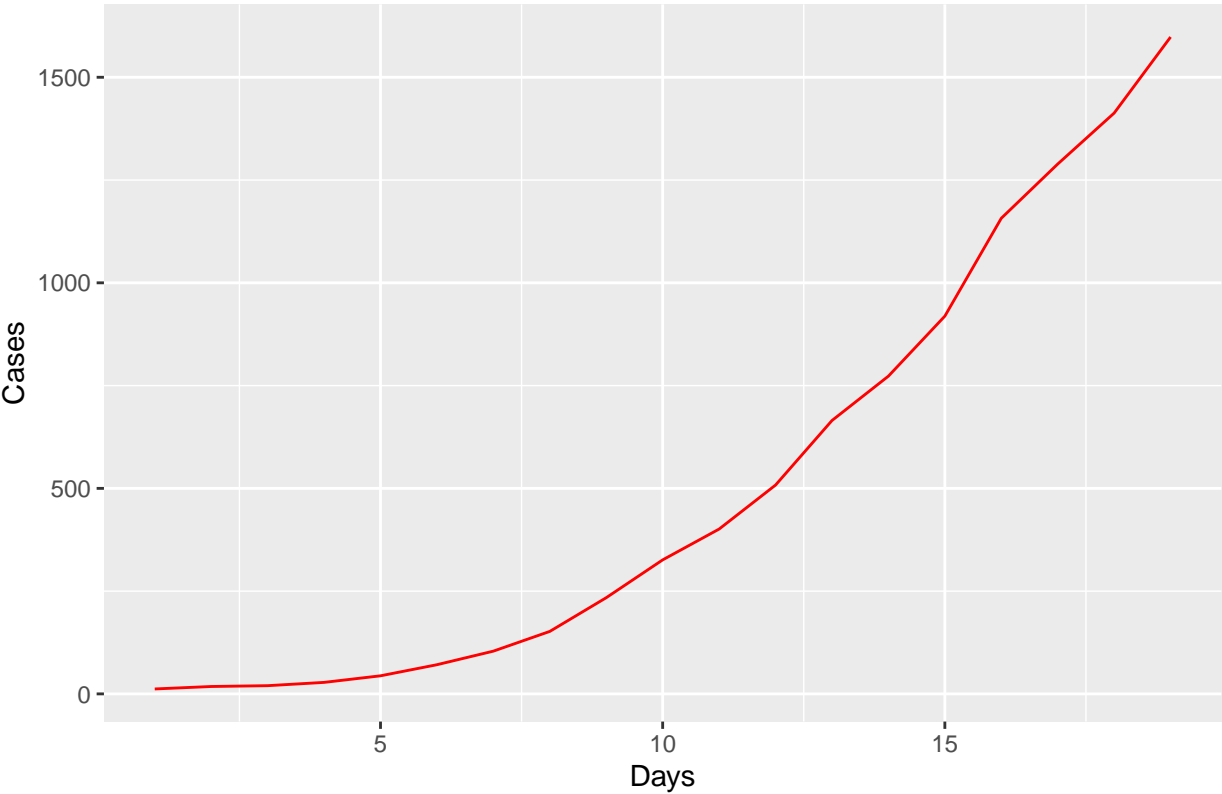


Arizona/US/India Corona Trends-2ns April 2020 with tomorrow's prediction

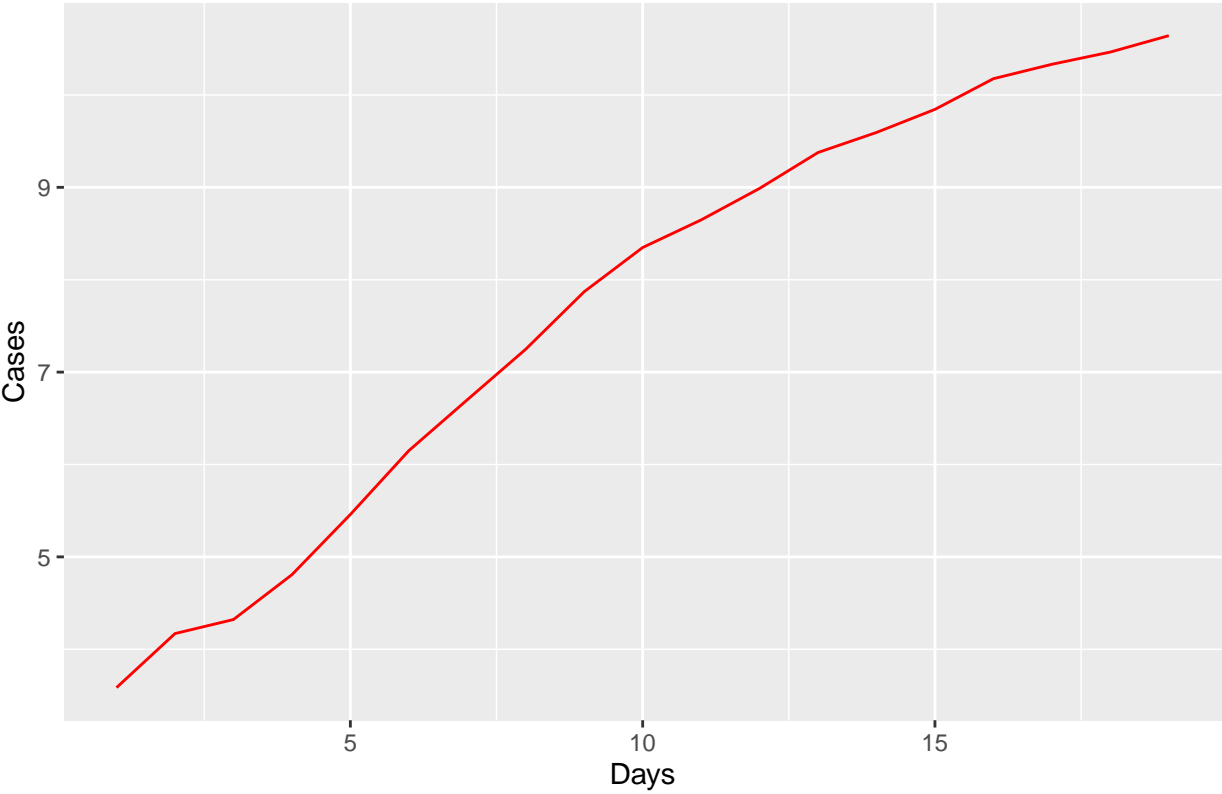
Whitchurch Muthumani

4/2/2020

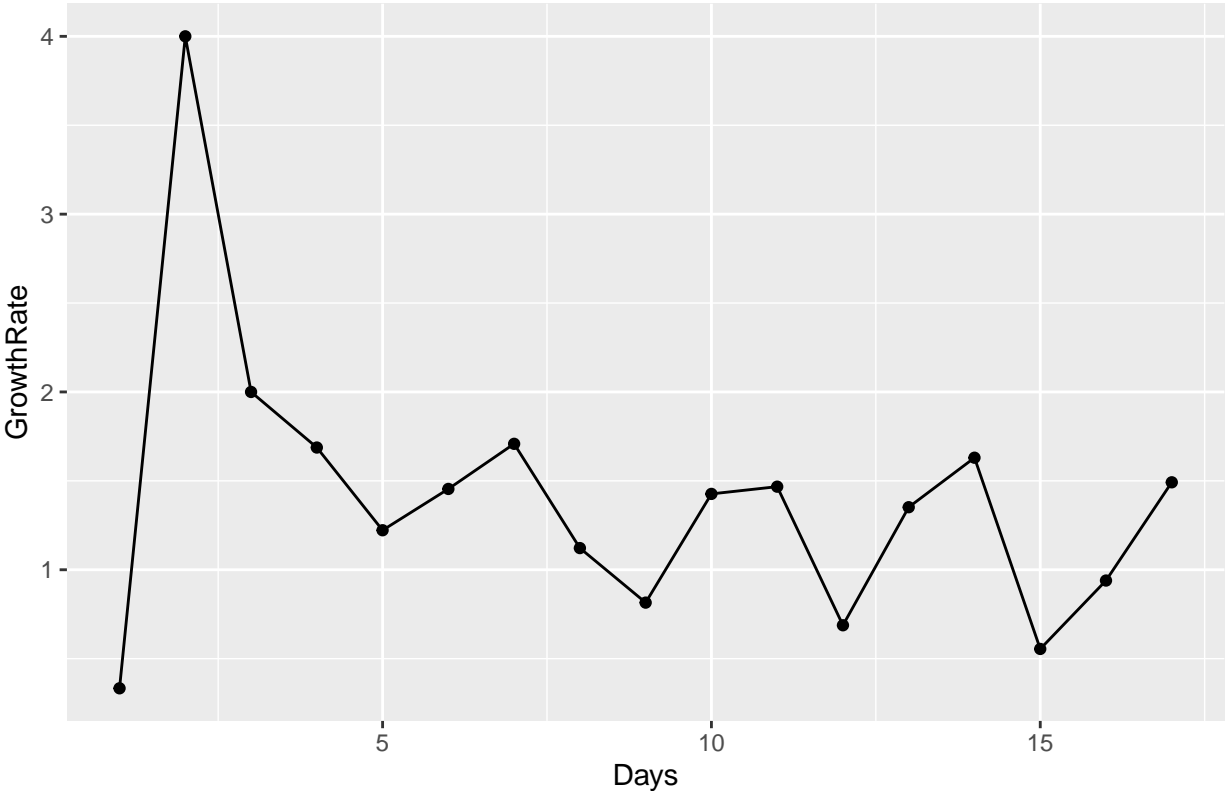
Arizona: Daily Cases

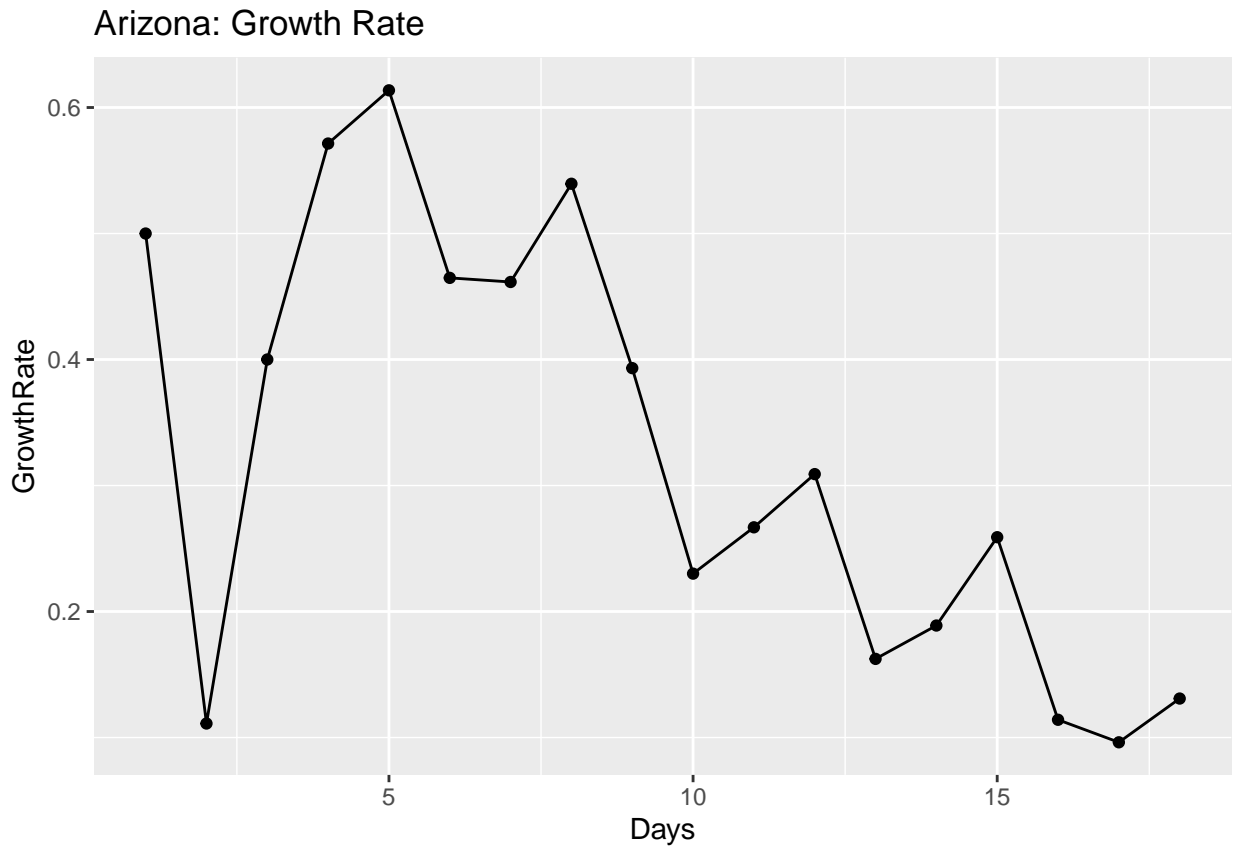


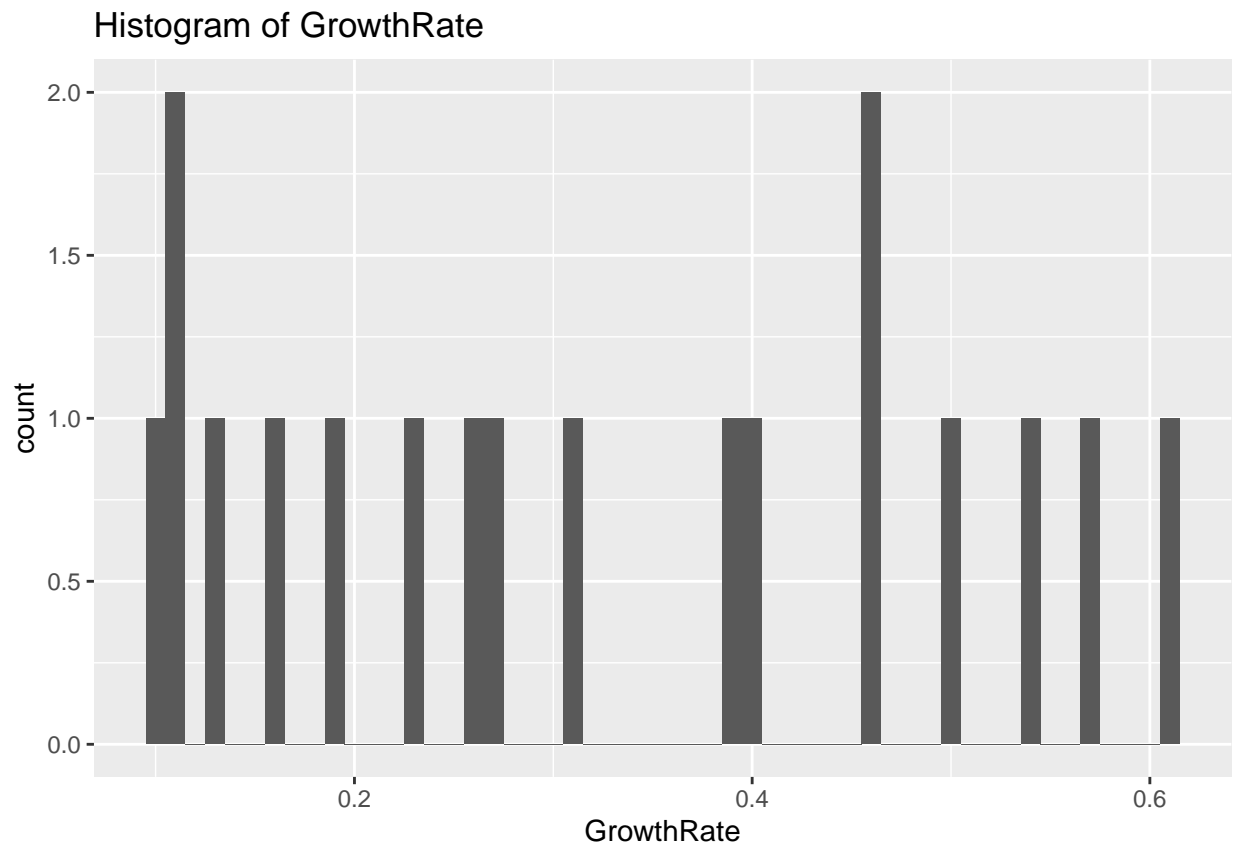
Arizona: Daily Cases

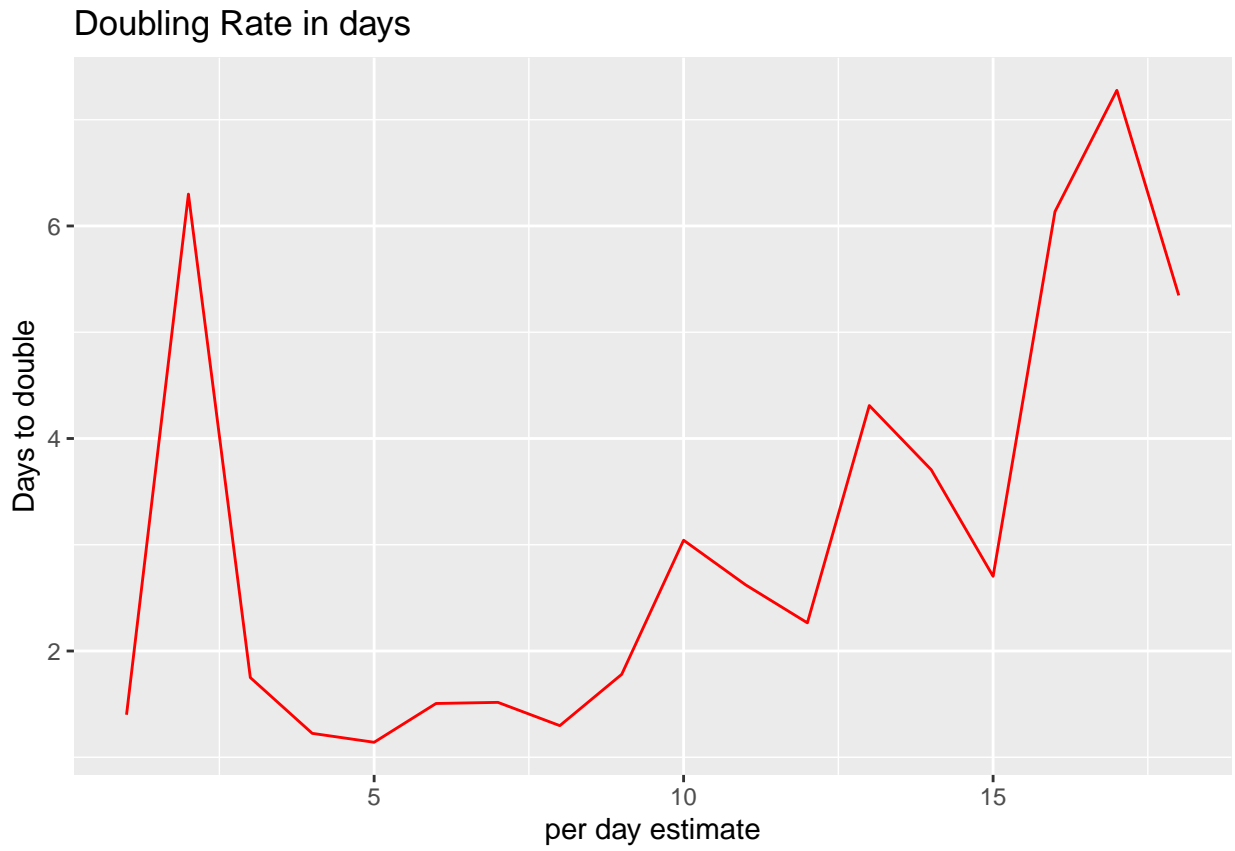


Arizona: Rate of change in Growth Rate

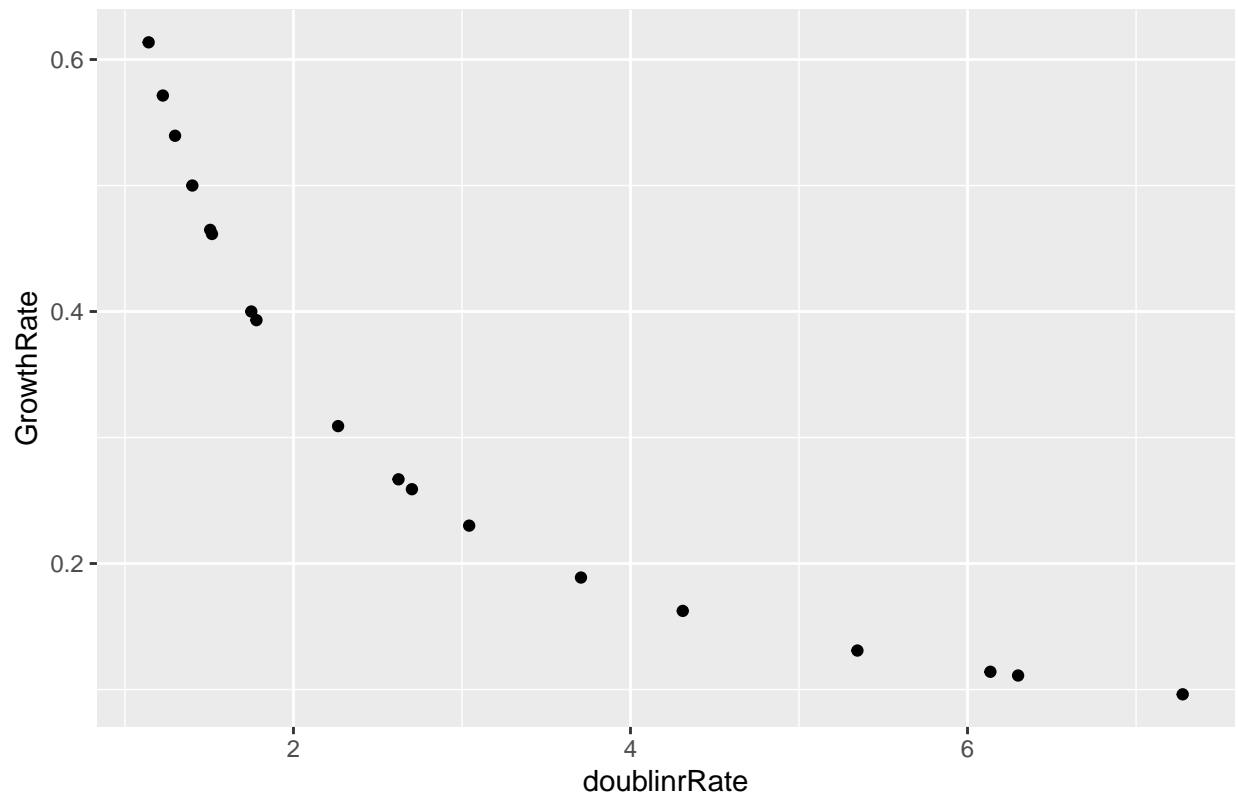


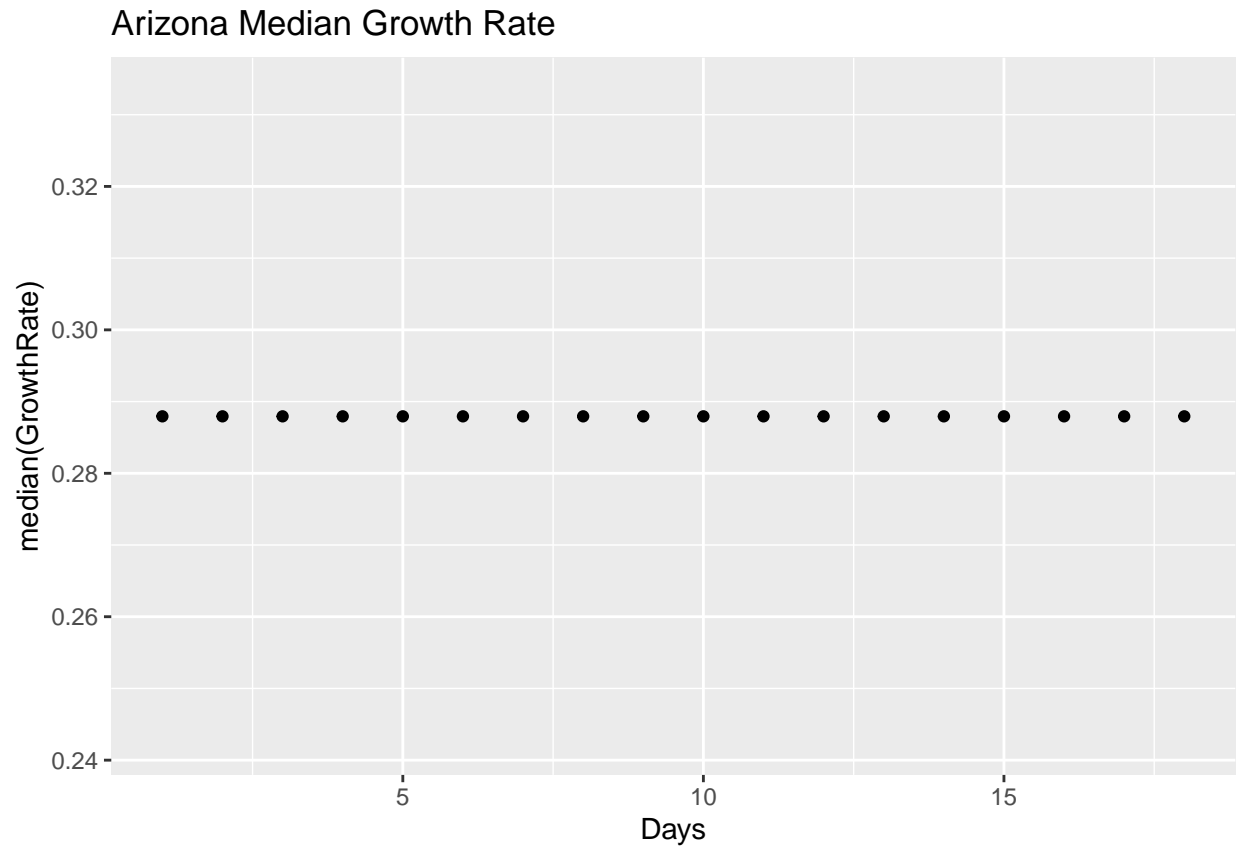






Doubling Rate vs Growth Rate



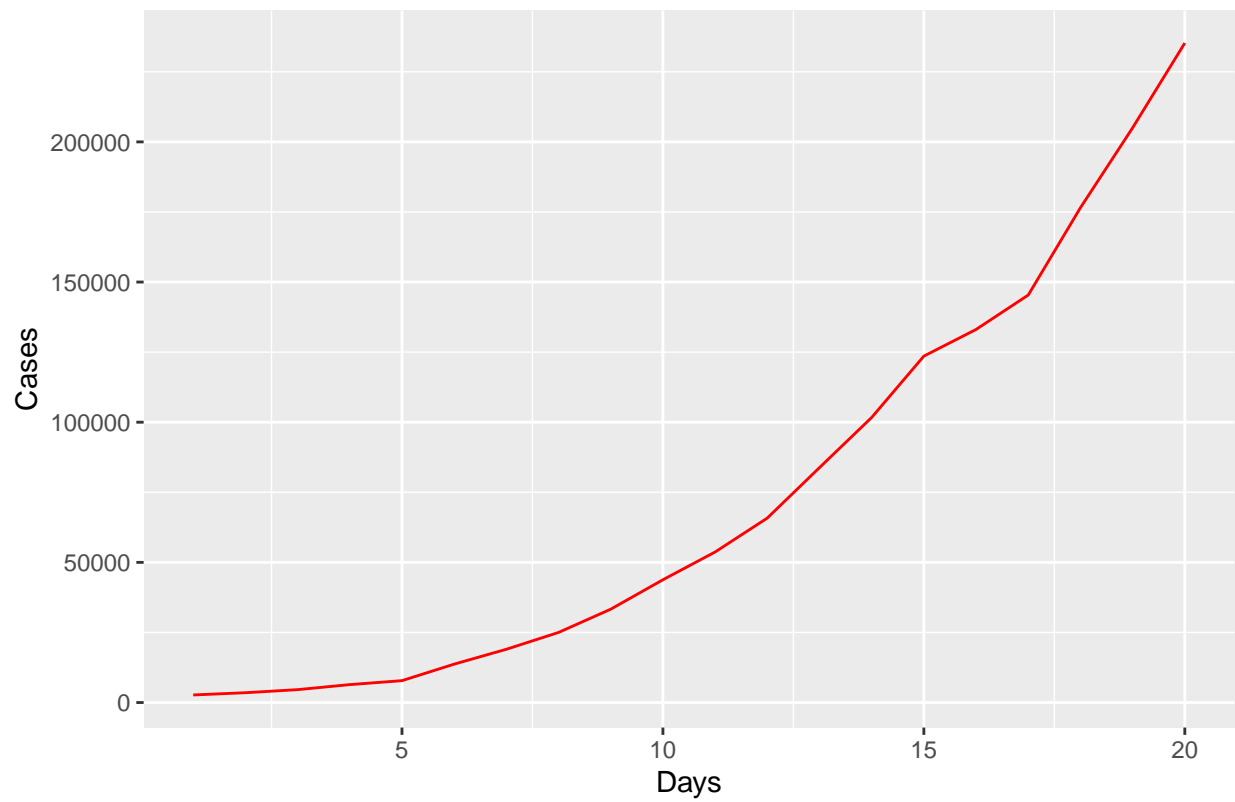


Results:

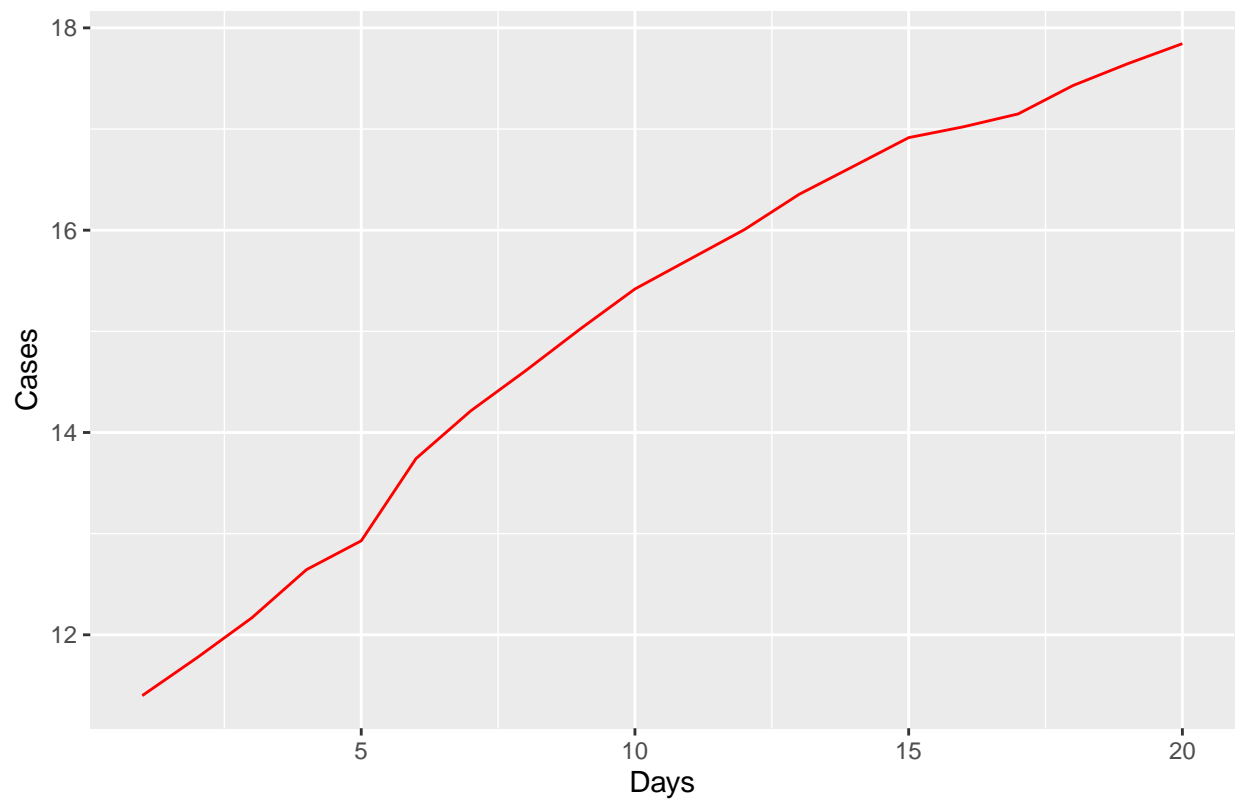
- Tomorrow's predicted case number is between **1807.2215145** and **2114.0261822** cases.
- Current doubling rate is **5 days**
- Mean doubling rate, i.e number of cases doubles every **2 days**.
- Median doubling rate, i.e number of cases doubles every **2 days**.
- Latest Observed Growth Rate **13.0927105** percent.
- Mean Growth Rate: **32.2920014** percent.
- Median Growth Rate: **28.7944018** percent.
- Standard deviation: +/- **17.3419319**.

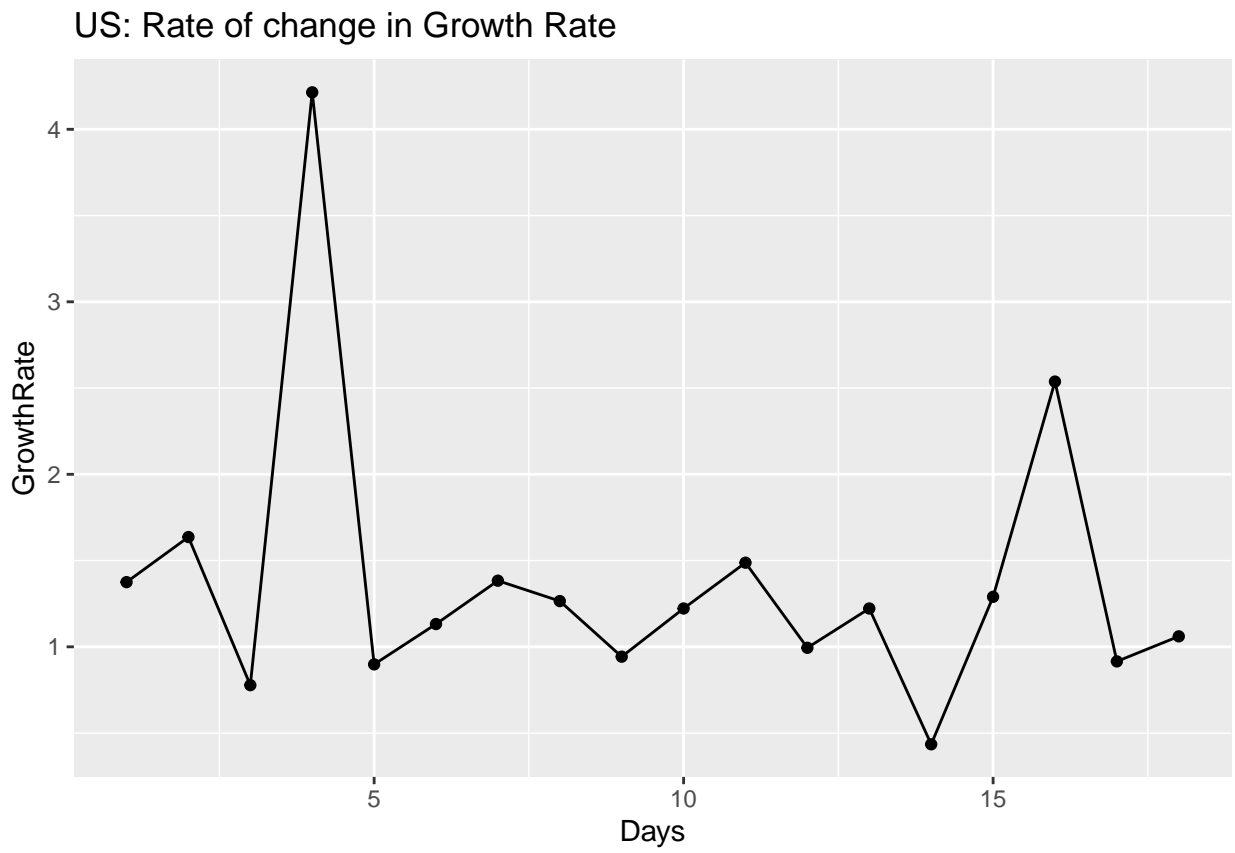
US Corona Dashboard

US: Daily Cases

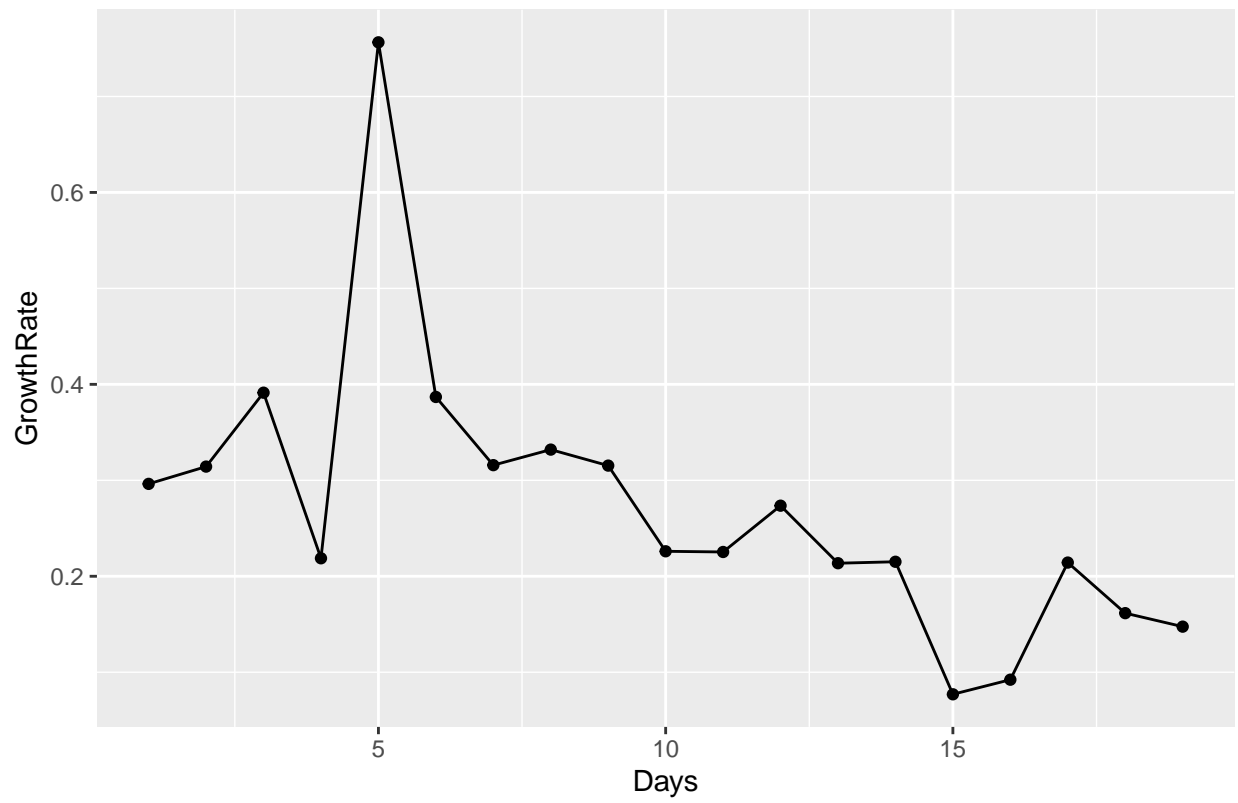


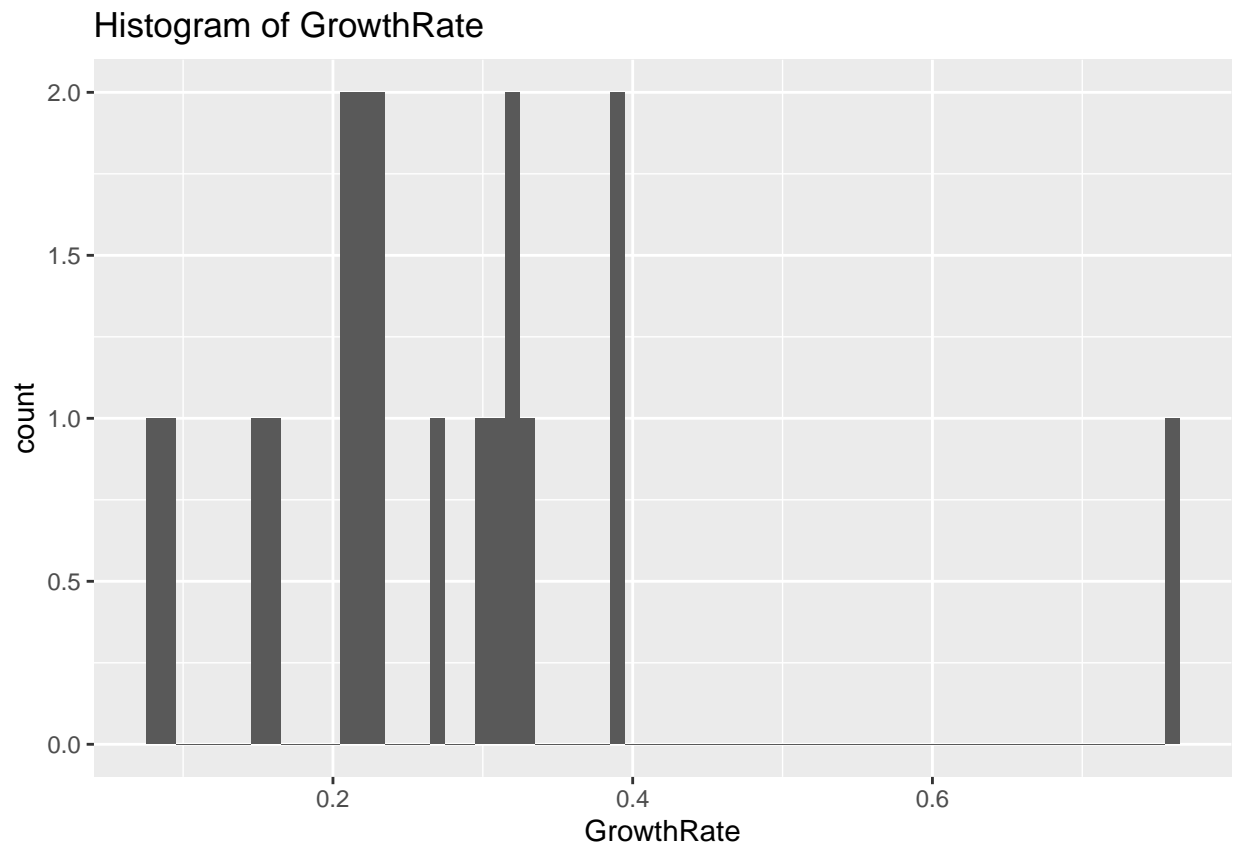
US: Daily Cases

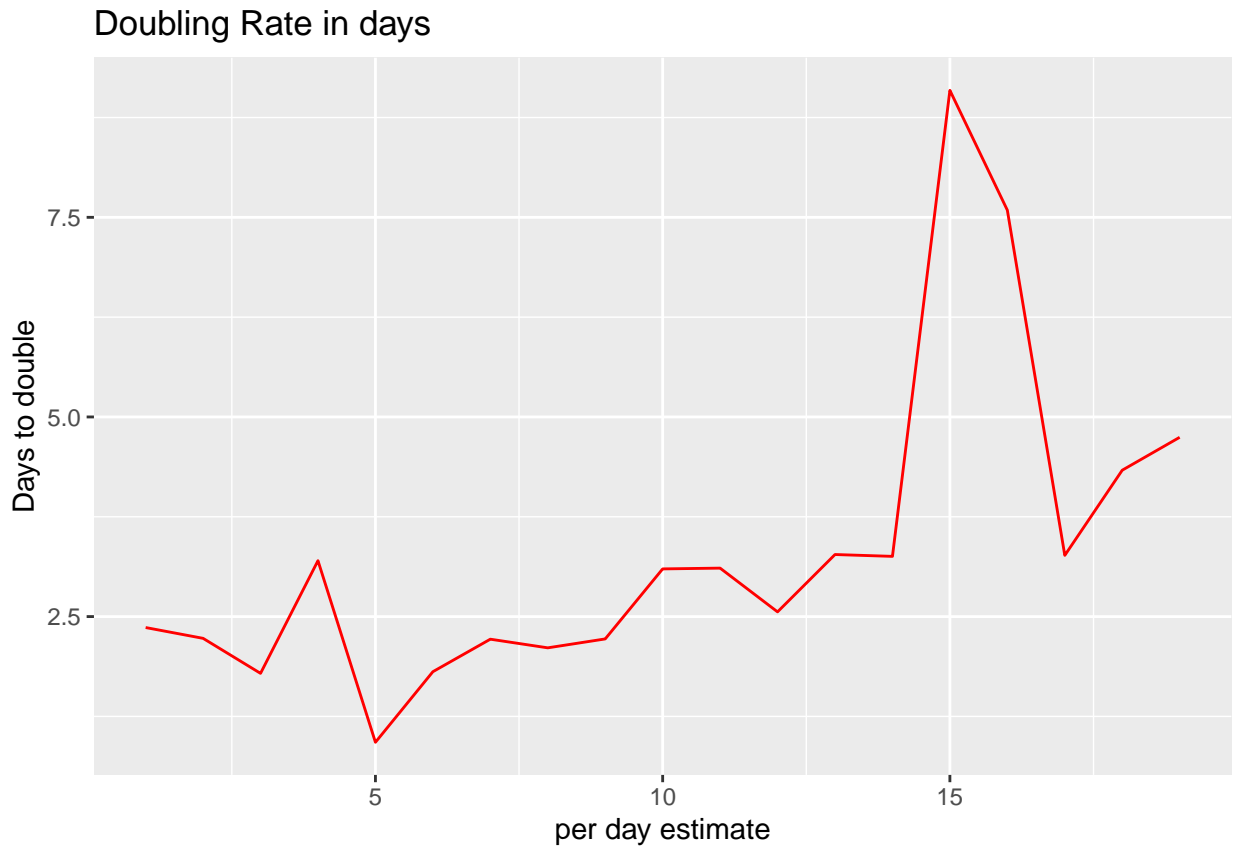




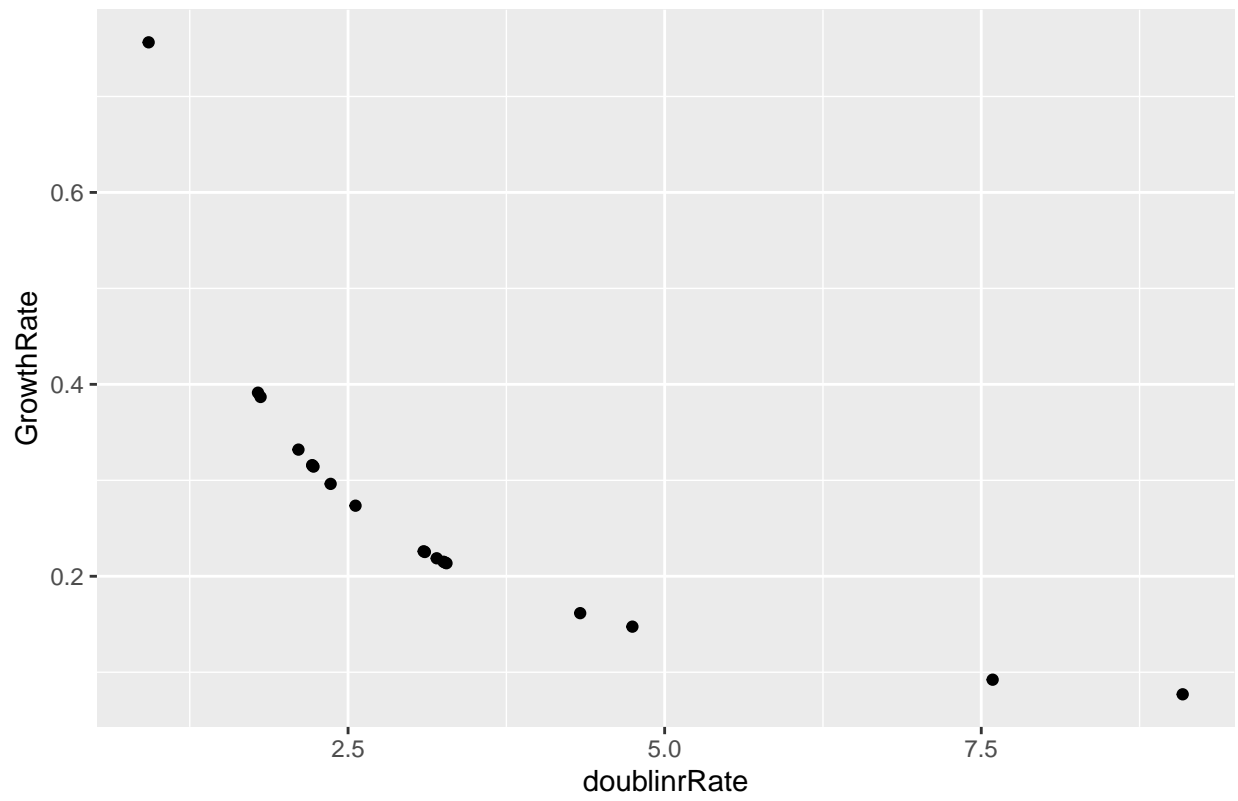
US: Growth Rate

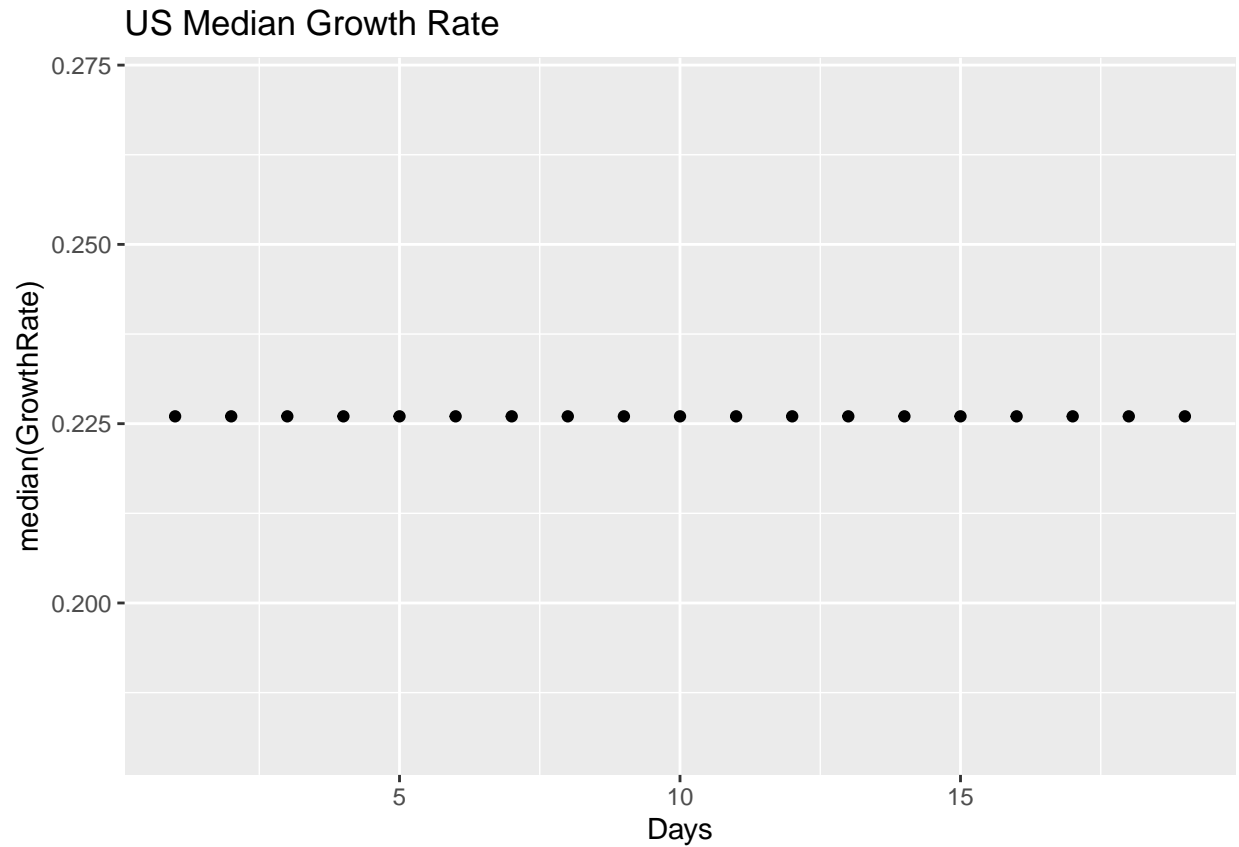






Doubling Rate vs Growth Rate



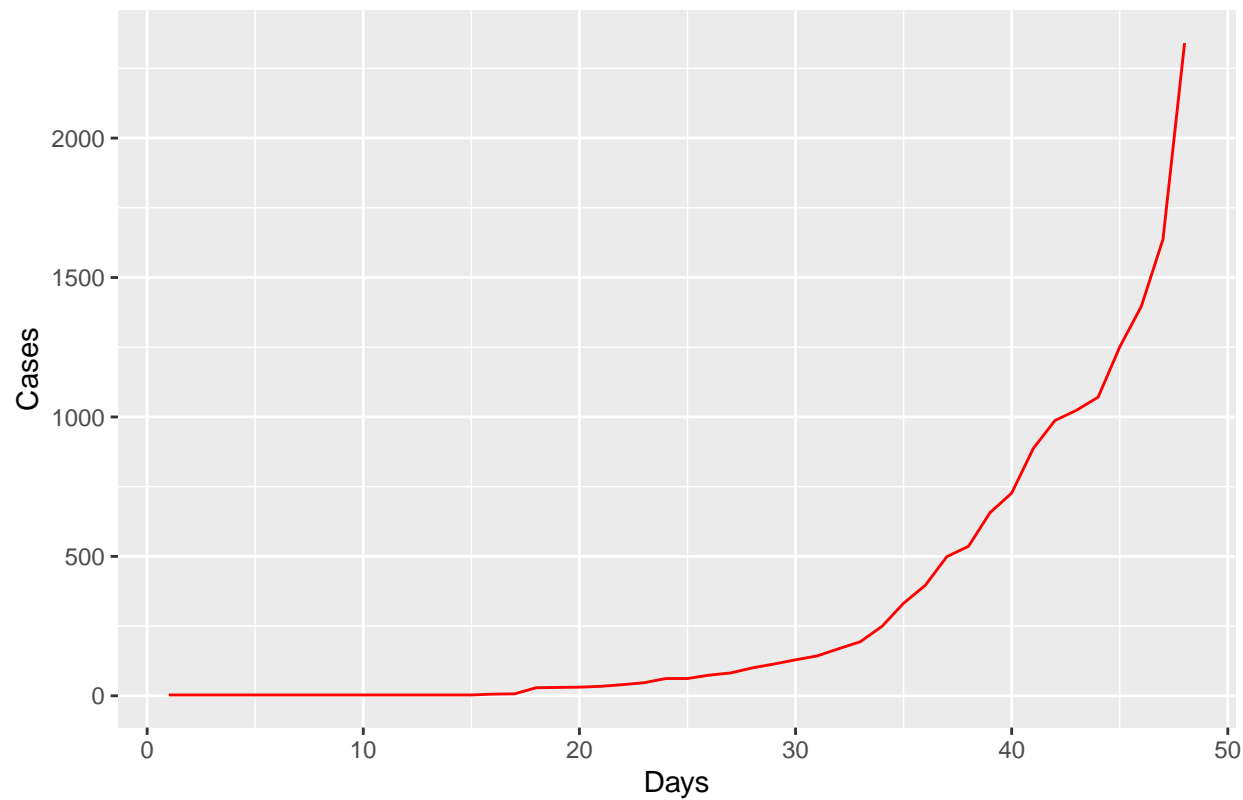


Results:

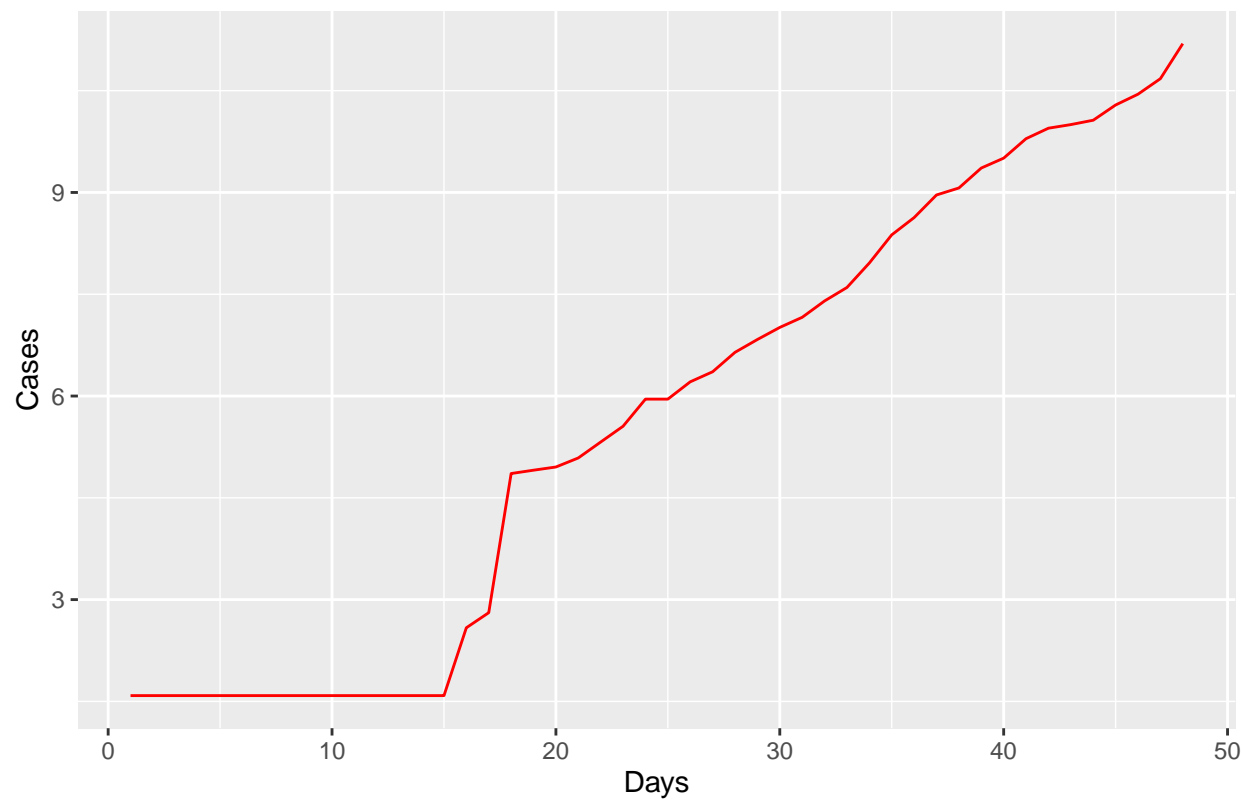
- Tomorrow's predicted case number is between 2.6998878×10^5 and 2.9934214×10^5 cases.
- Current doubling rate is **5 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **3 days**.
- Latest Observed Growth Rate **14.7516278** percent.
- Mean Growth Rate: **27.2275032** percent.
- Median Growth Rate: **22.6027397** percent.
- Standard deviation: +/- **14.662764**.

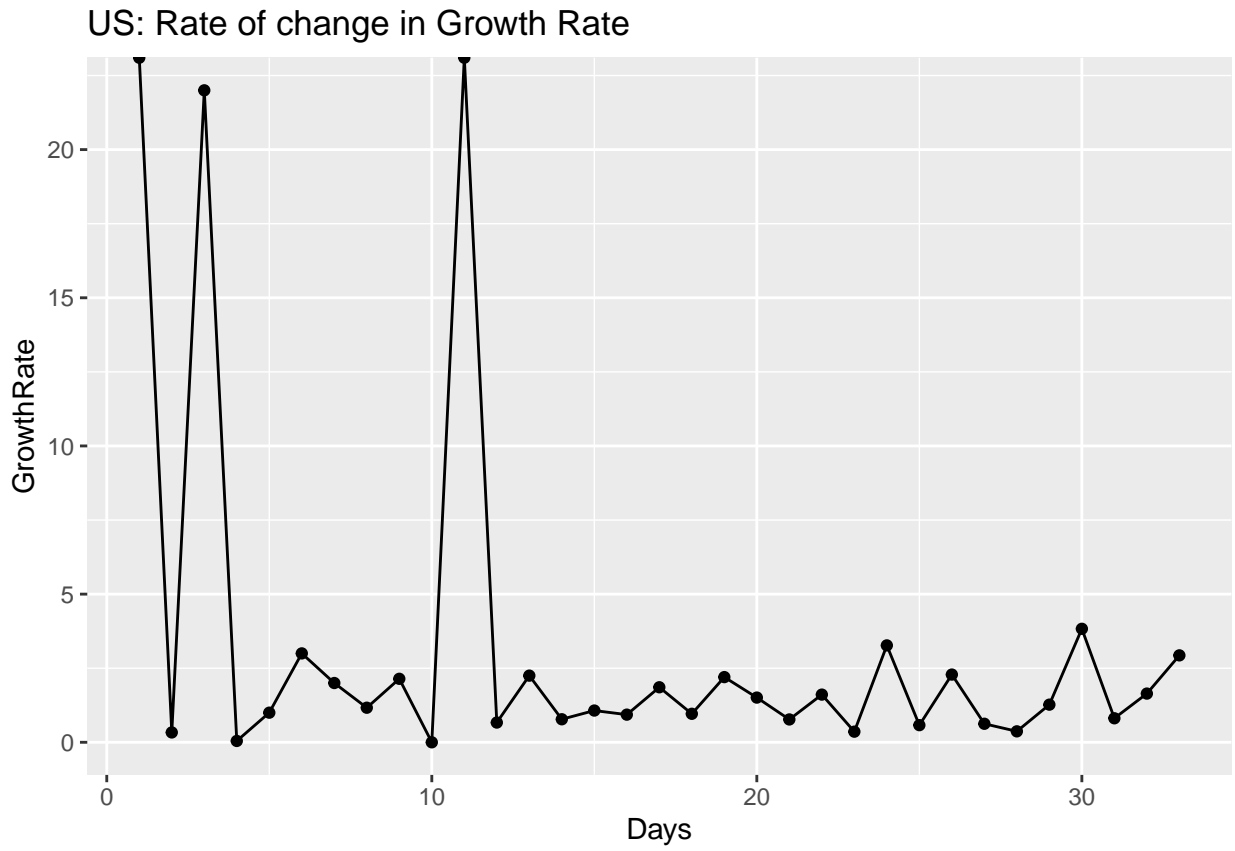
India Corona Dashboard

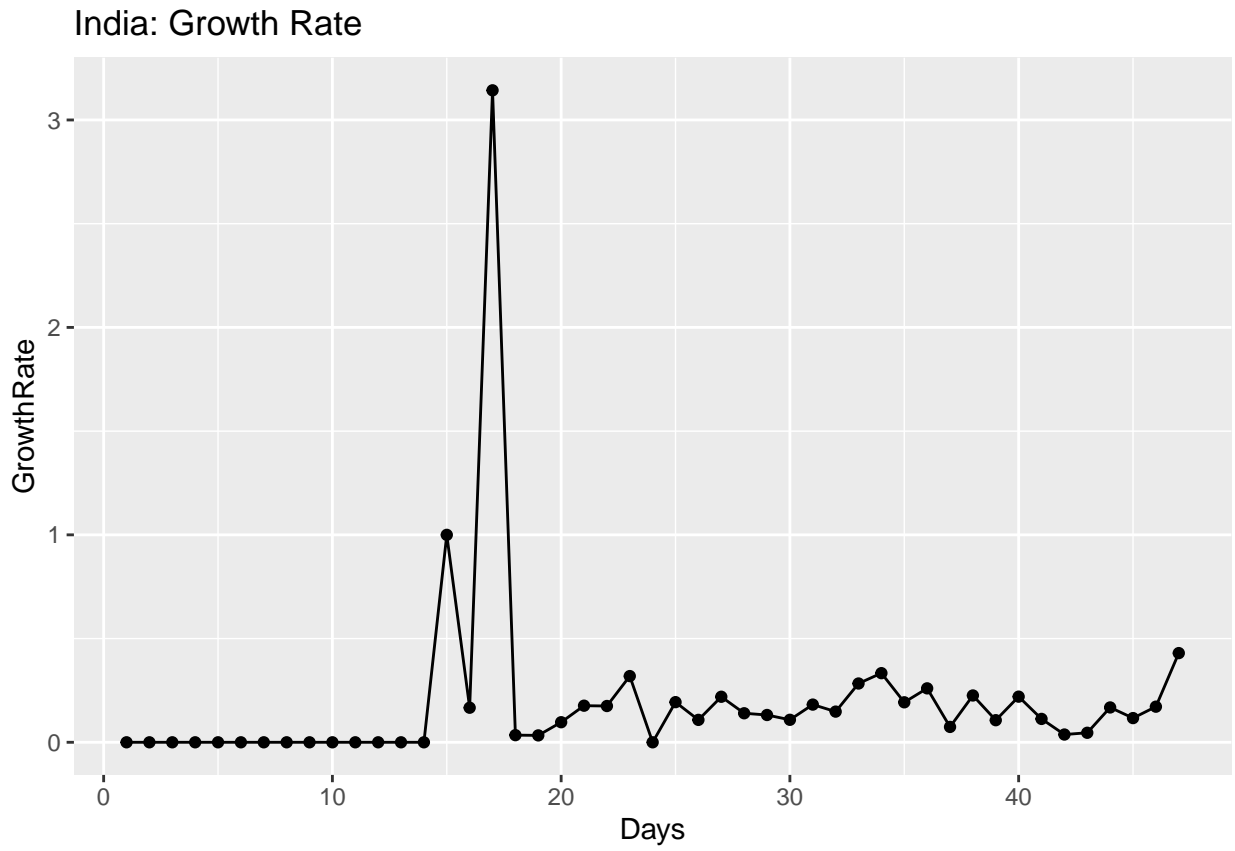
India: Daily Cases

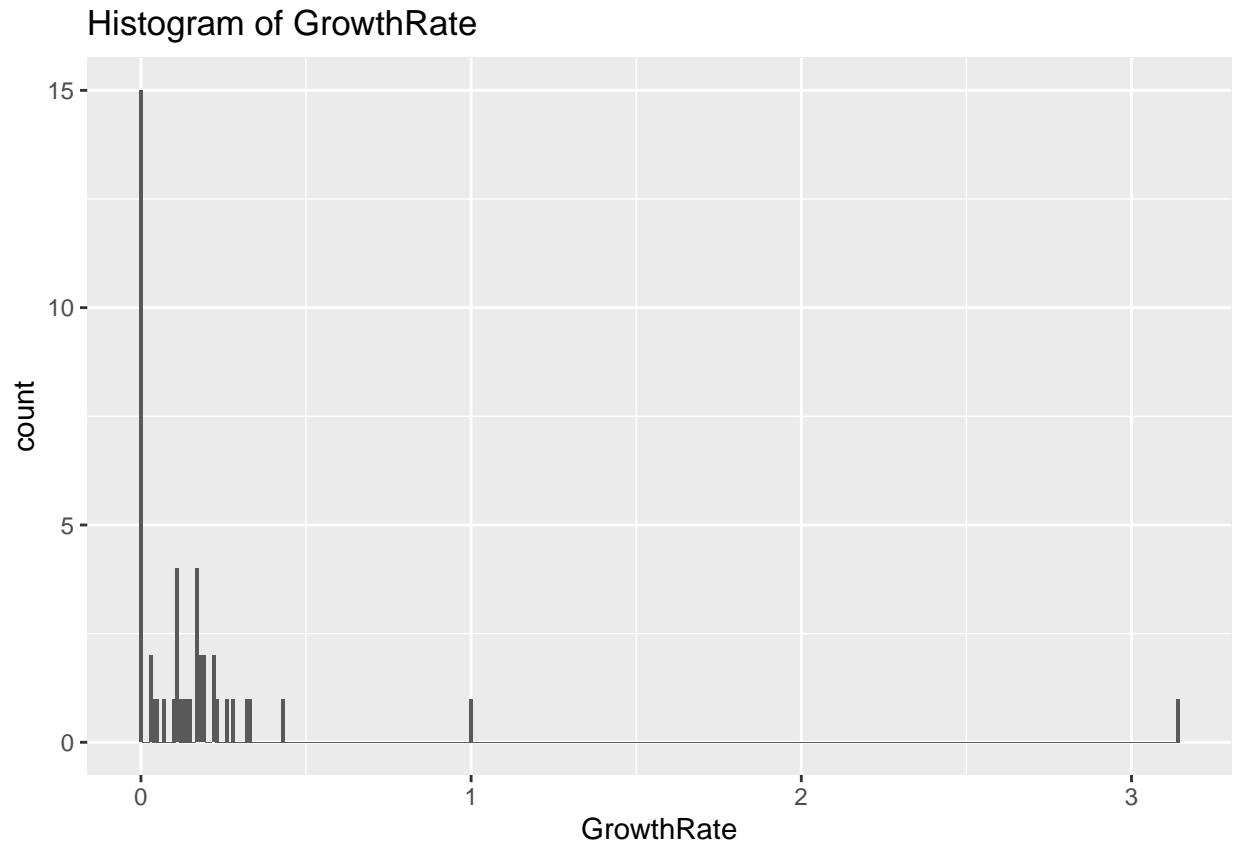


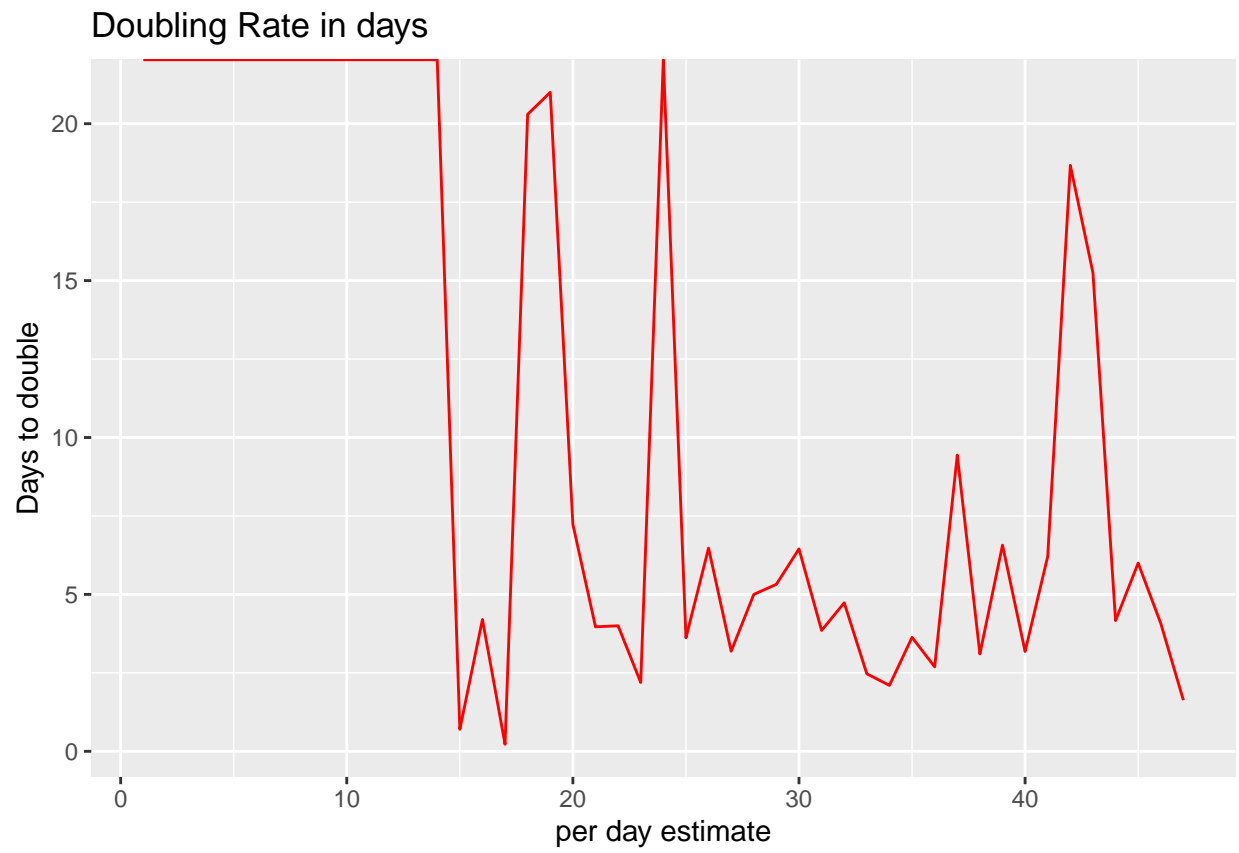
India: Daily Cases

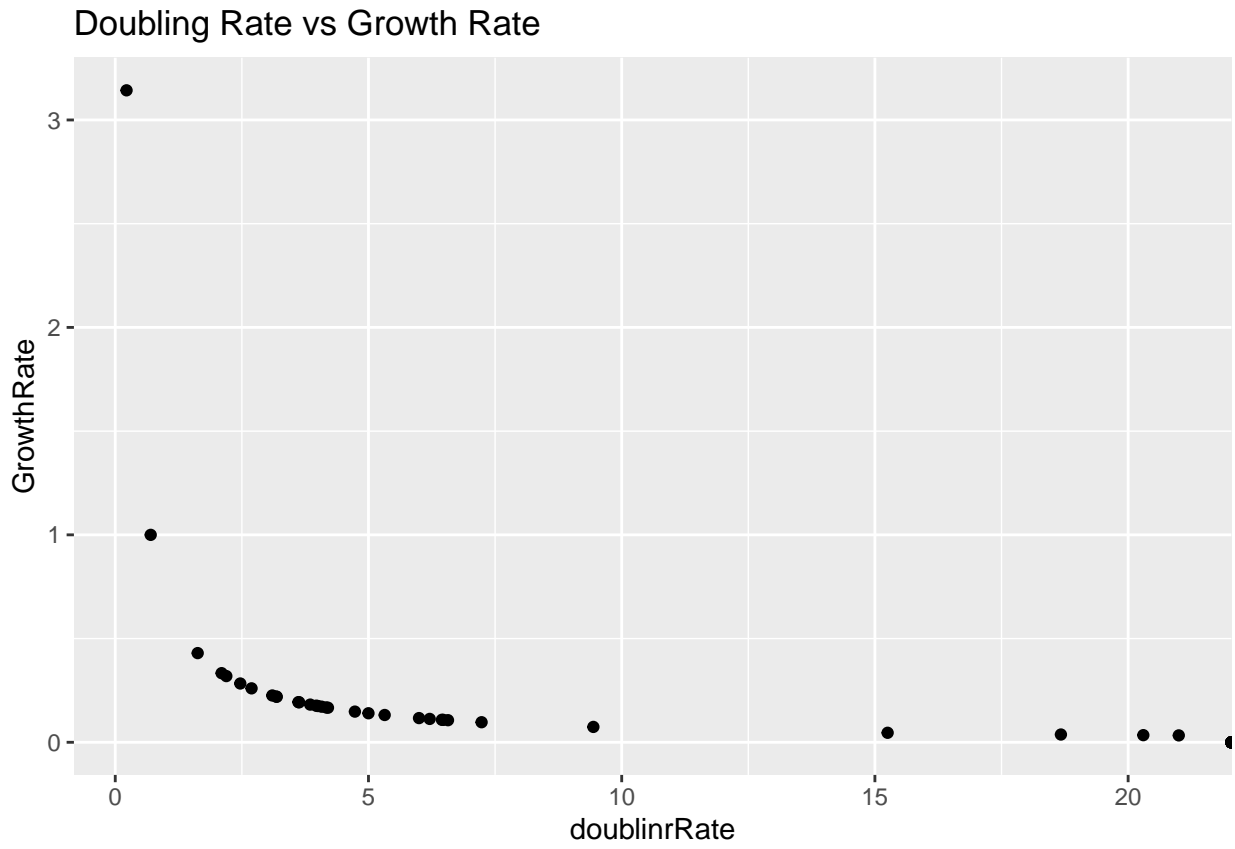


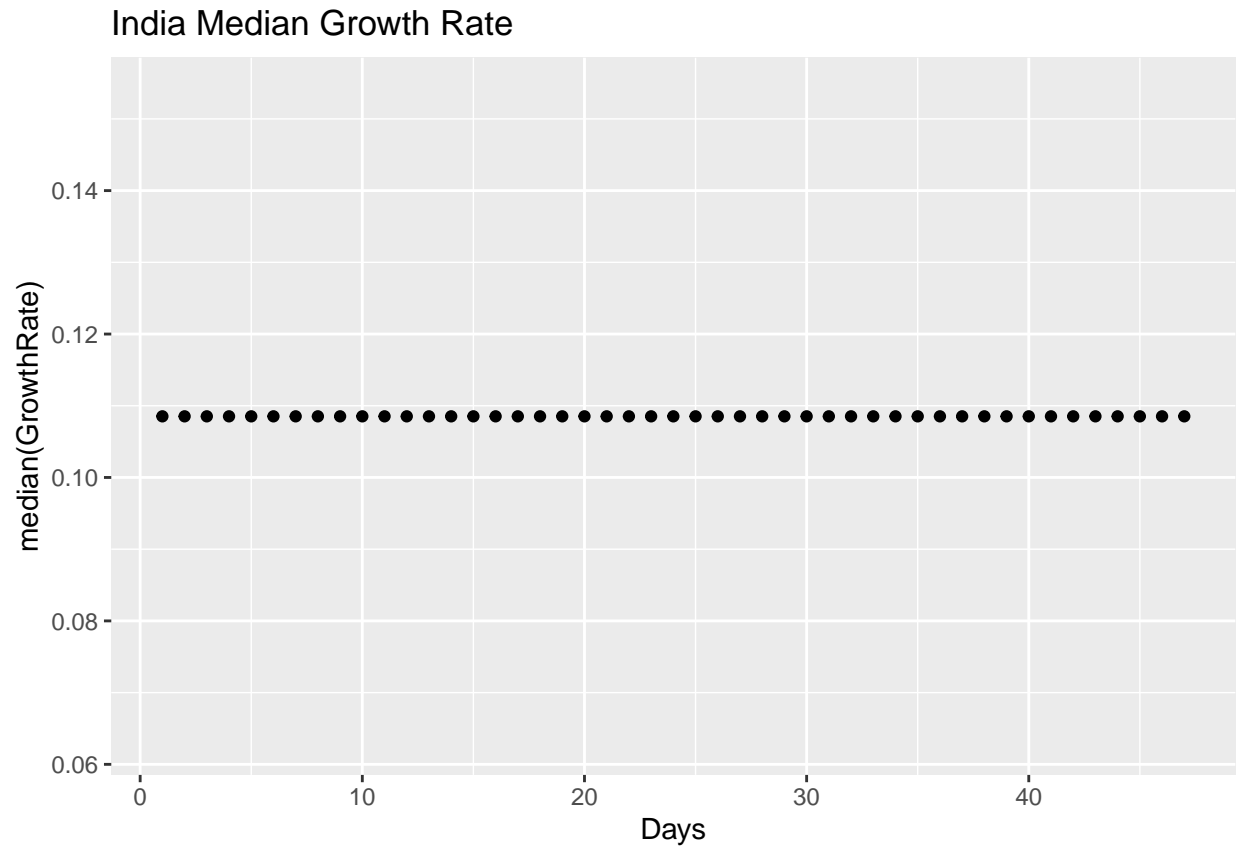












Results:

- Tomorrow's predicted case number is between **3347.7587049** and **2796.9839167** cases.
- Current doubling rate is **2 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 **43.0054979** percent.
- Mean Growth Rate: **19.4781682** percent.
- Median Growth Rate: **10.8527132** percent.
- Standard deviation: +/- **47.0510943**.