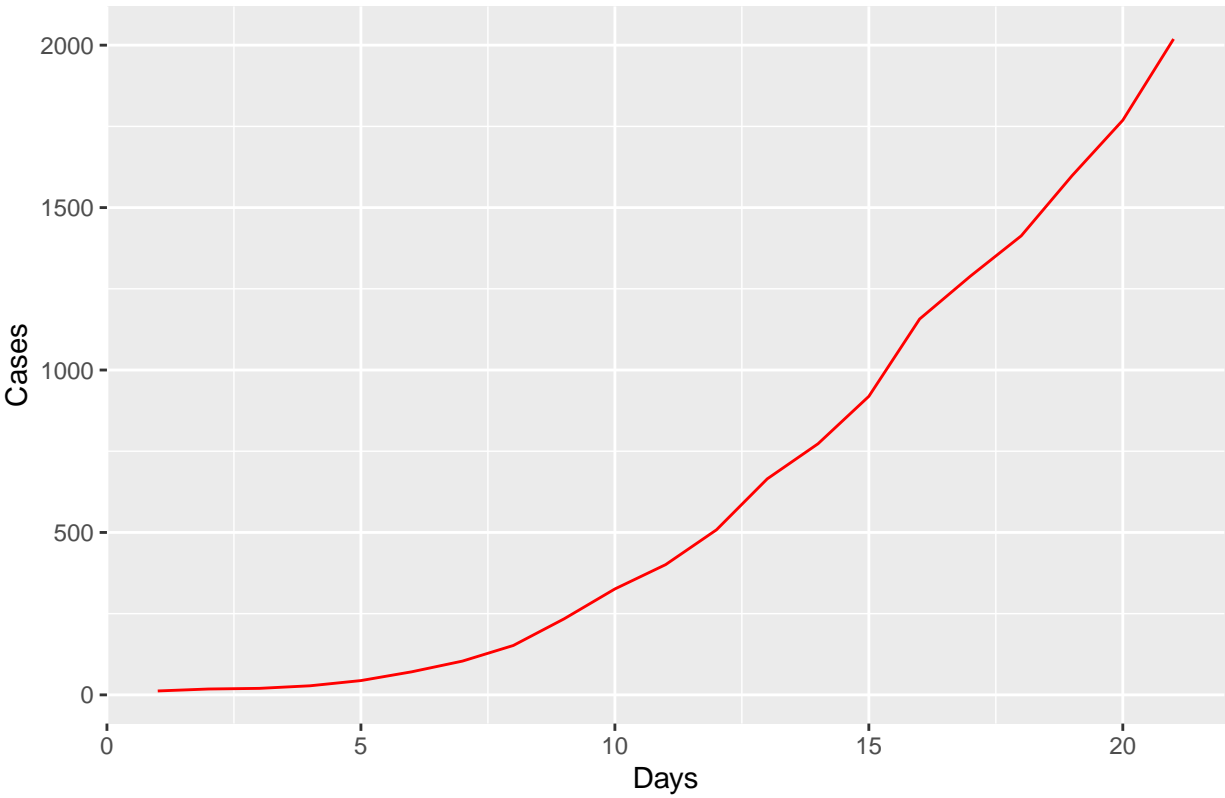


Arizona/US/India Corona Trends- 4th April 2020 with tomorrow's prediction

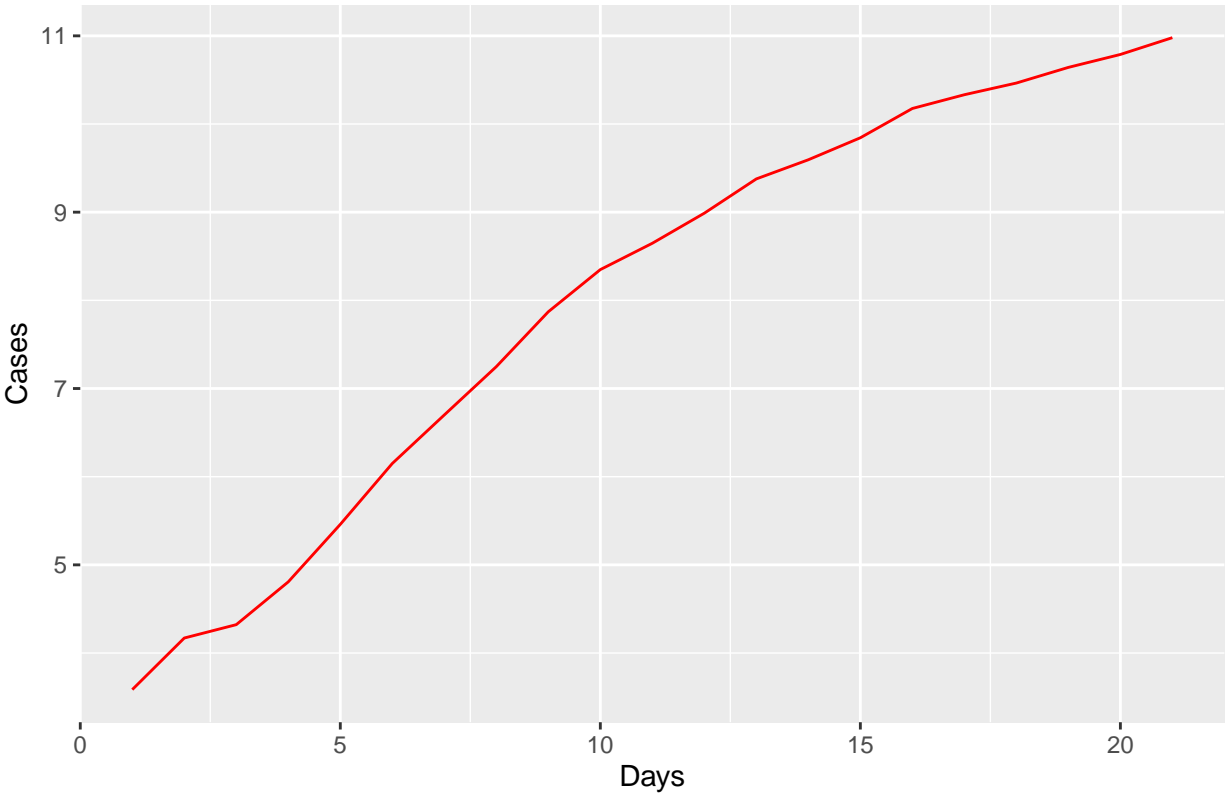
Whitchurch Muthumani

4/4/2020

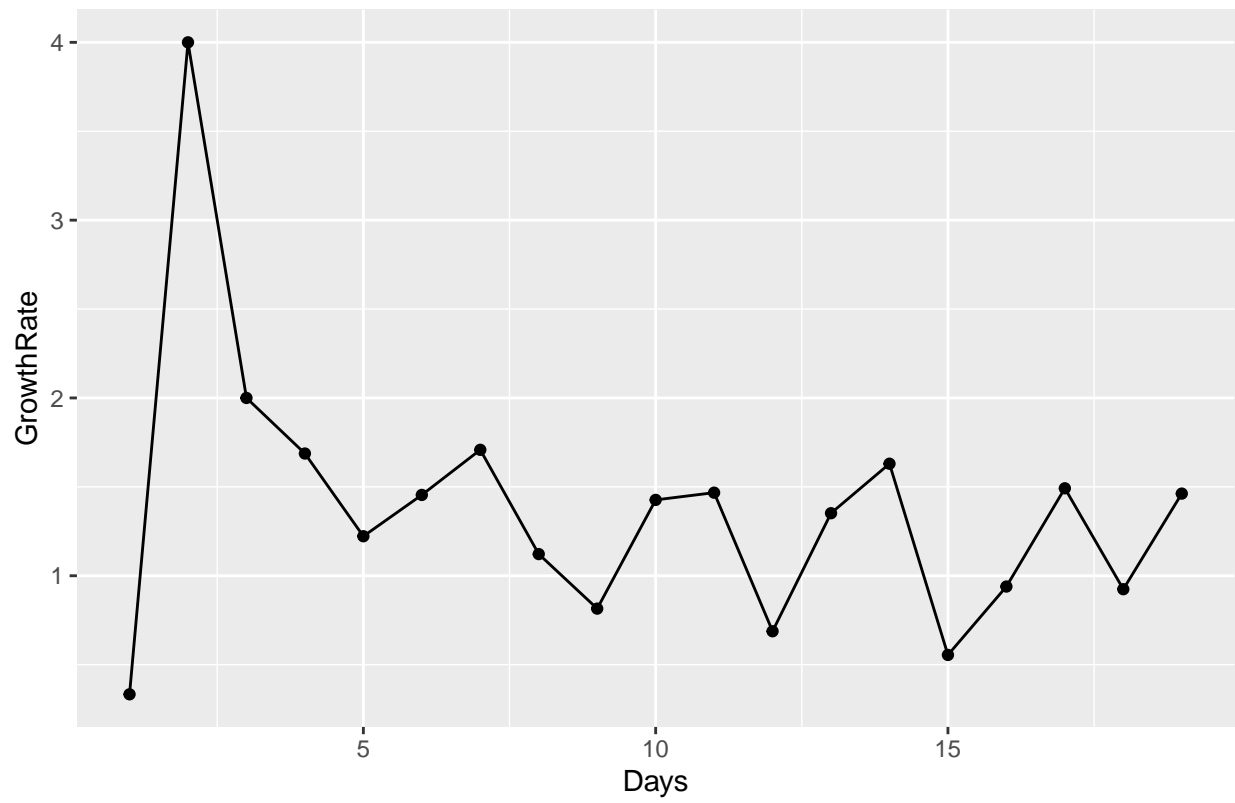
Arizona: Daily Cases



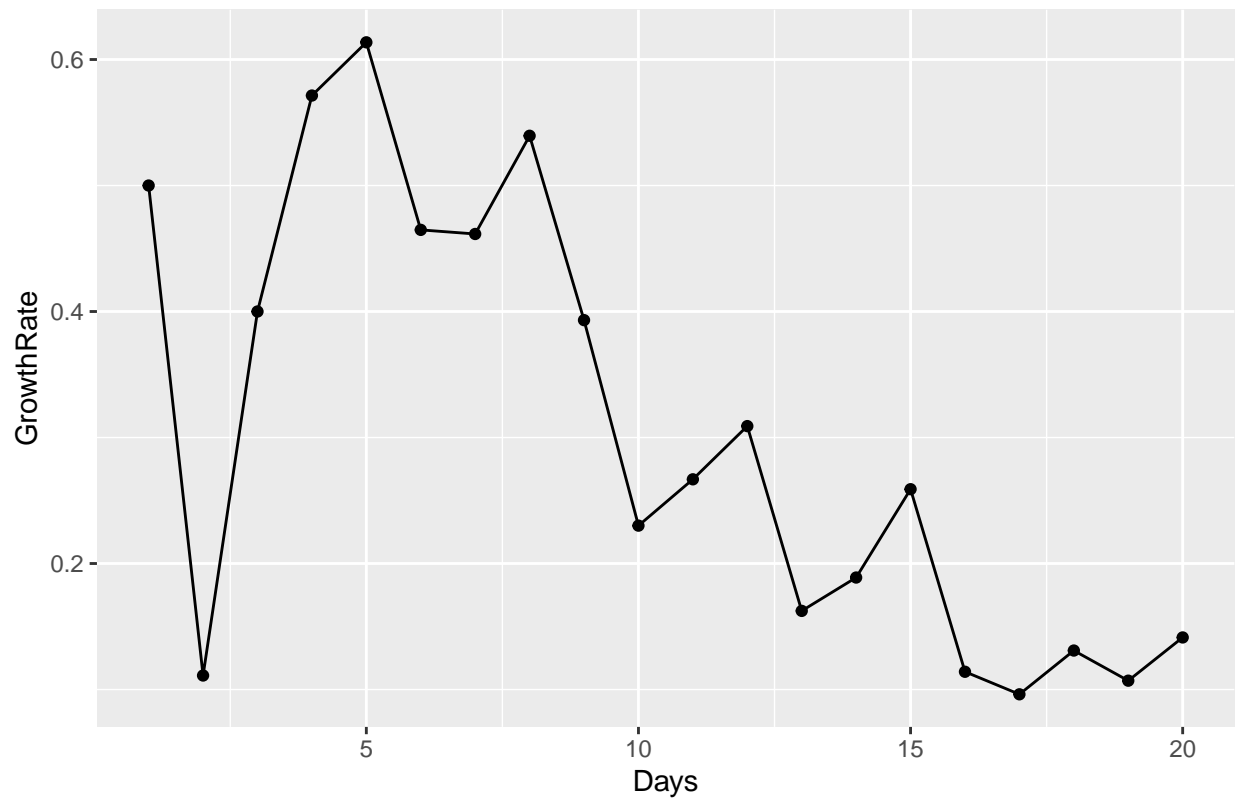
Arizona: Daily Cases

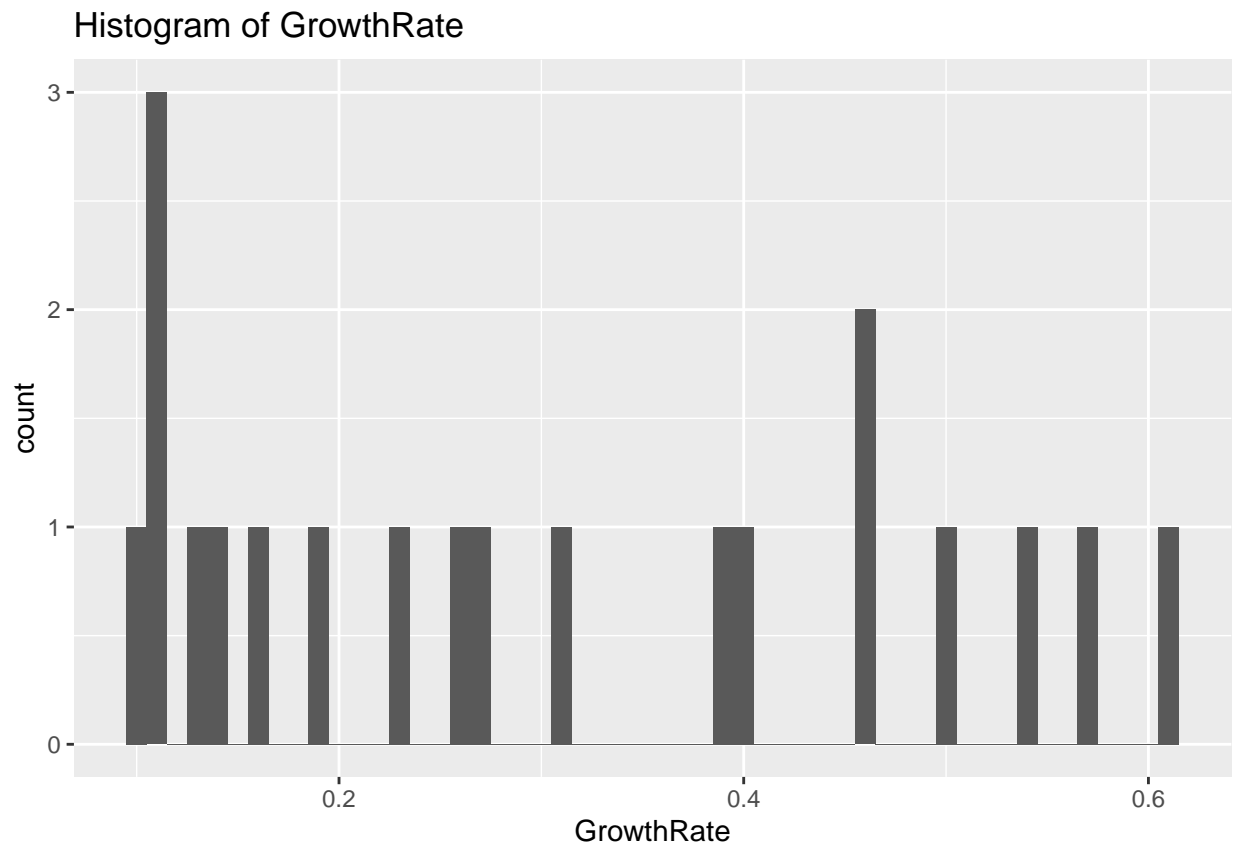


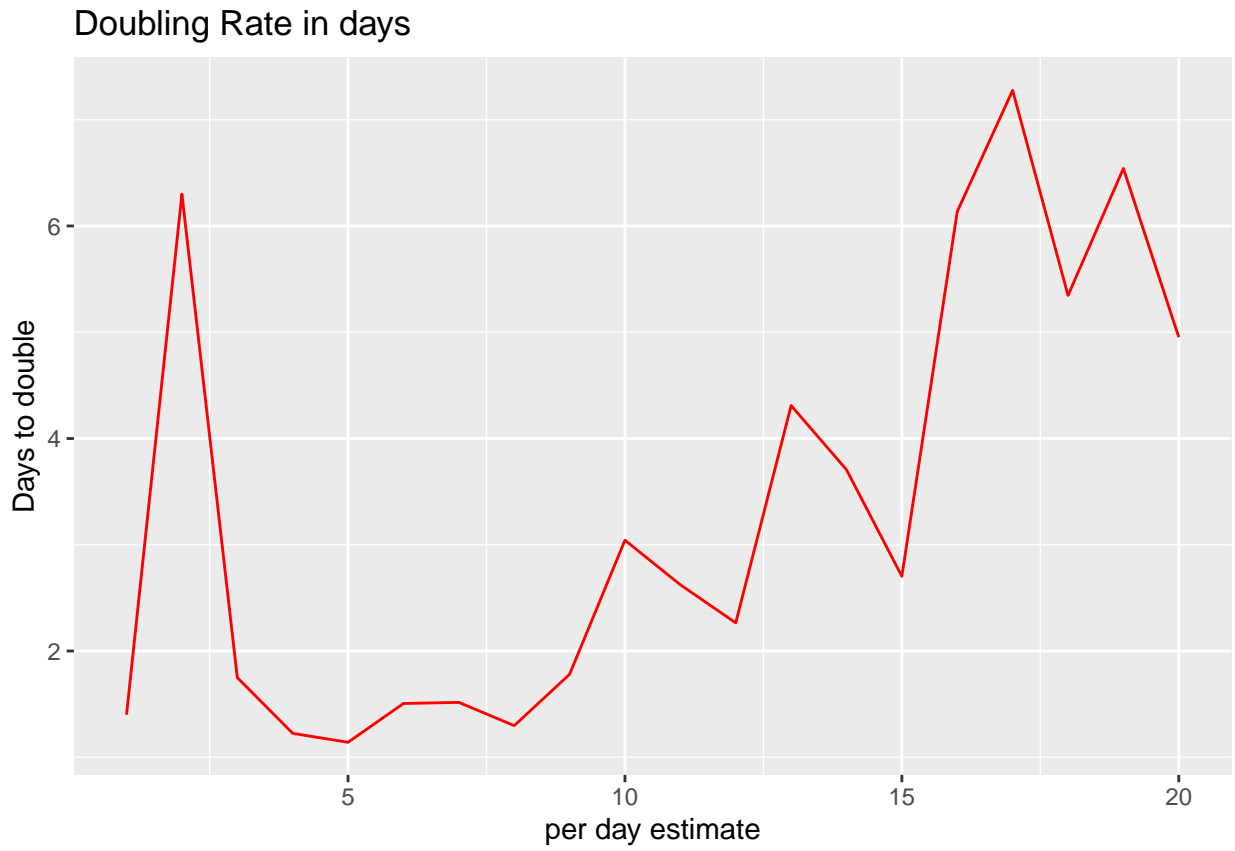
Arizona: Rate of change in Growth Rate



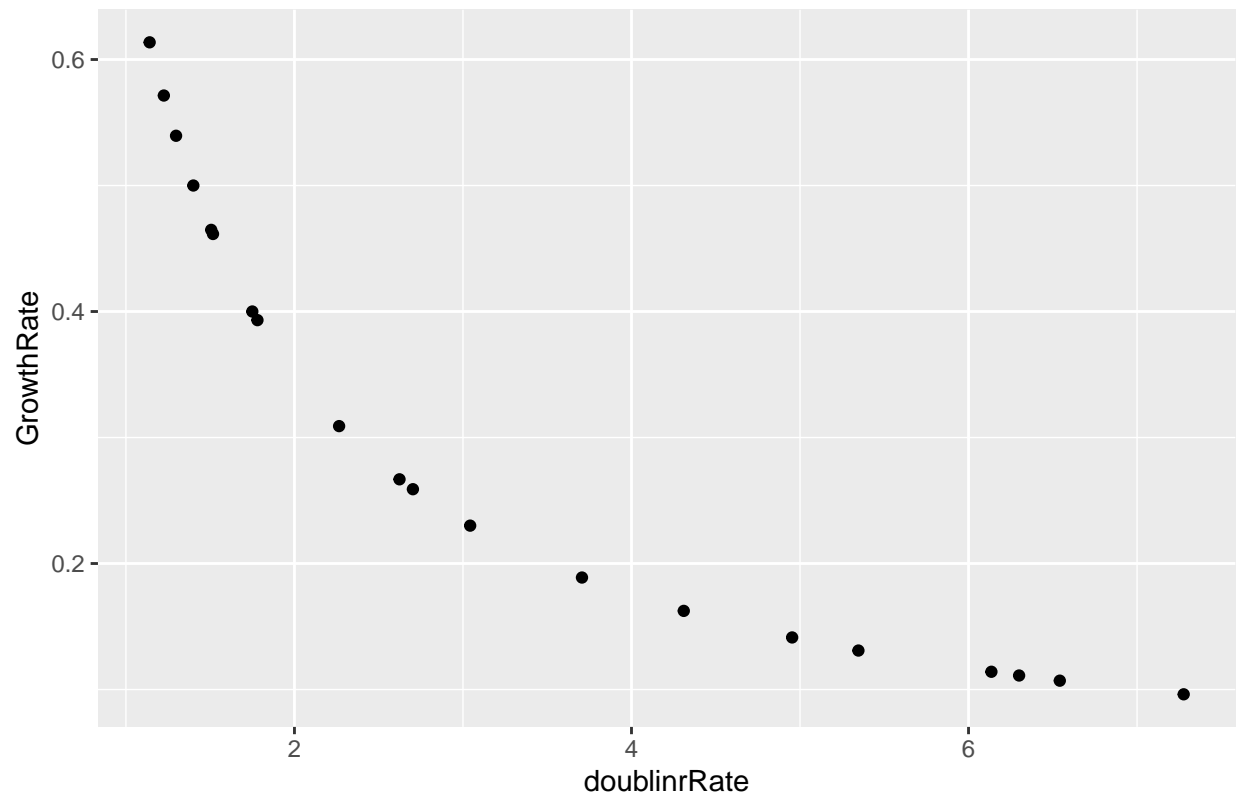
Arizona: Growth Rate

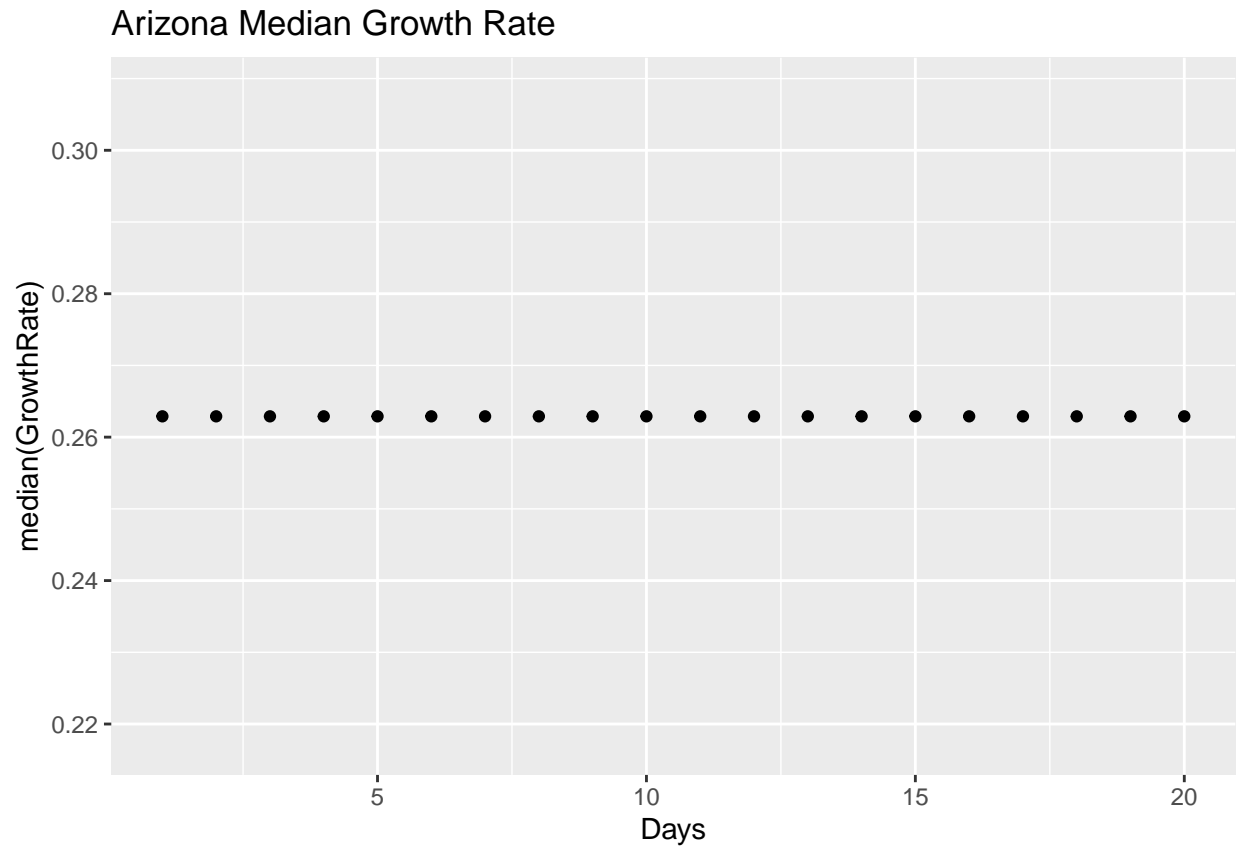






Doubling Rate vs Growth Rate



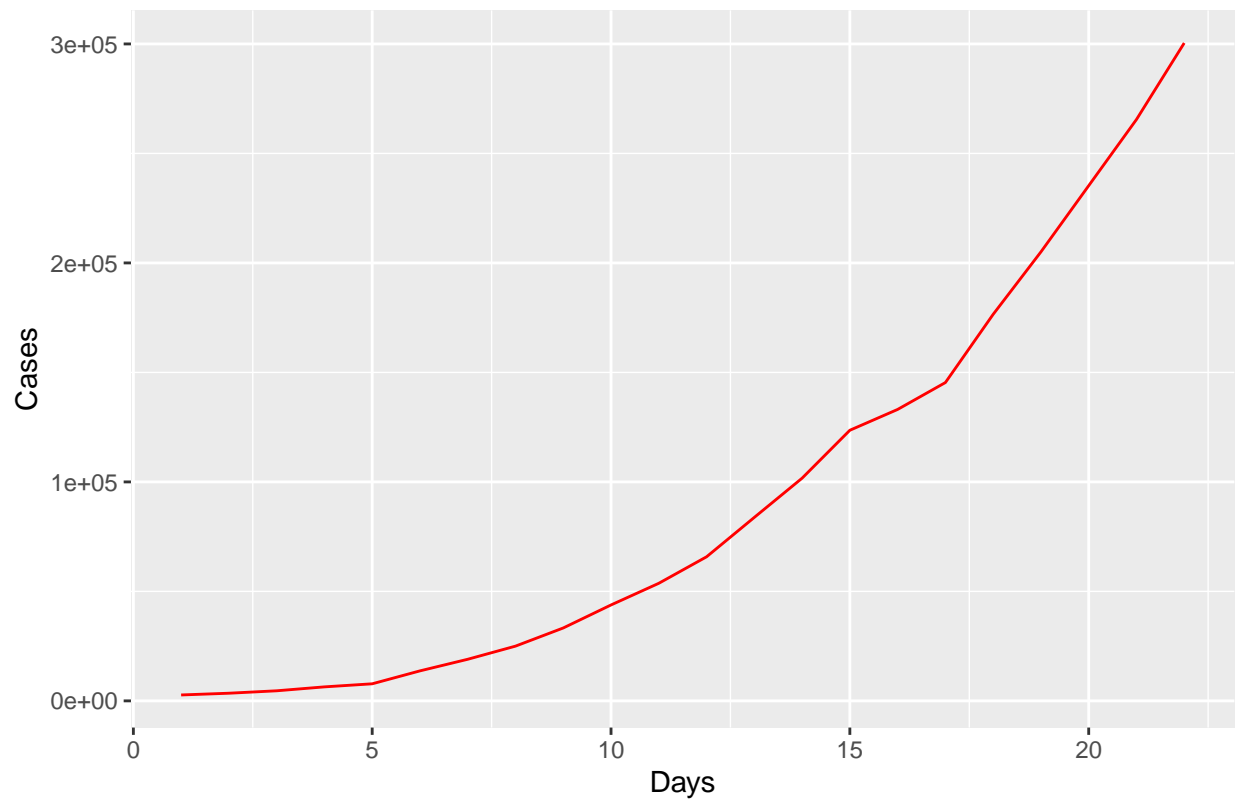


Results:

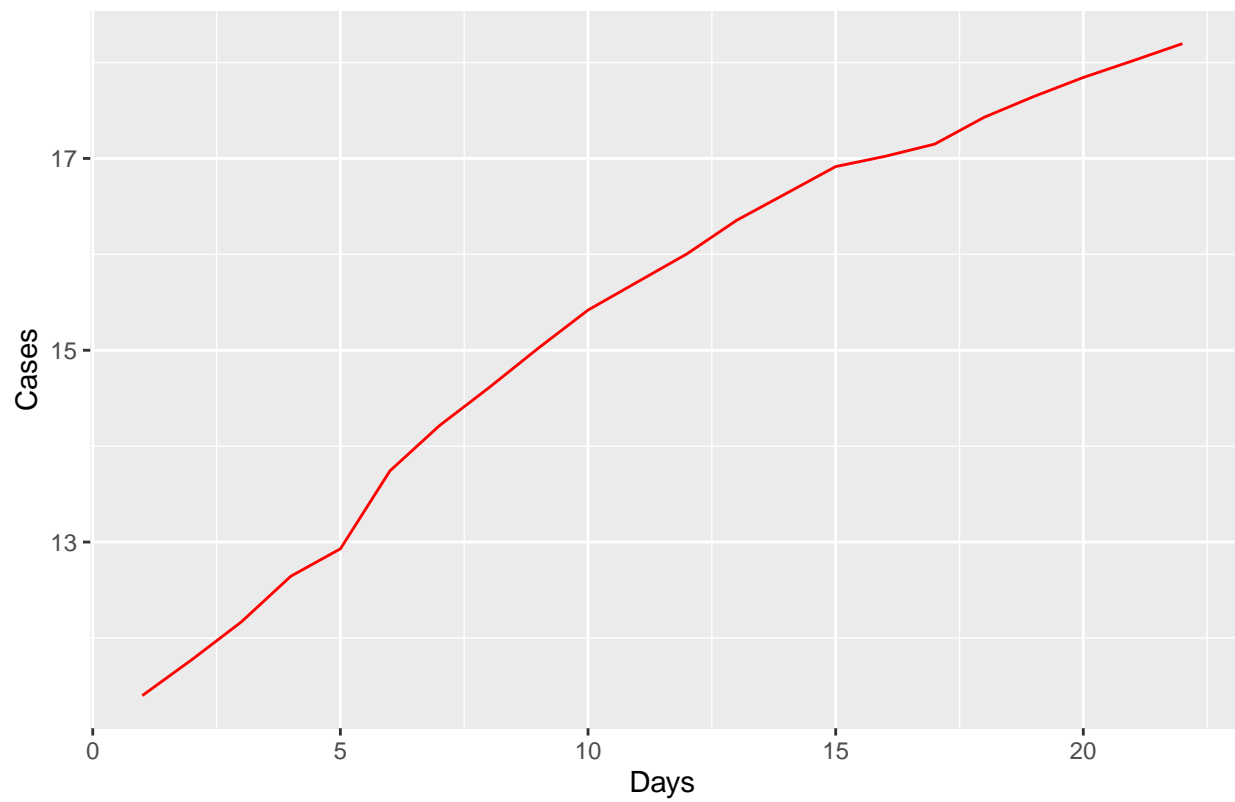
- Tomorrow's predicted case number is between **2304.3306953** and **2630.8470264** cases.
- Current doubling rate is **5 days**
- Mean doubling rate, i.e number of cases doubles every **2 days**.
- Median doubling rate, i.e number of cases doubles every **3 days**.
- Latest Observed Growth Rate **14.1322781** percent.
- Mean Growth Rate: **30.304459** percent.
- Median Growth Rate: **26.2905033** percent.
- Standard deviation: +/- **17.5162631**.

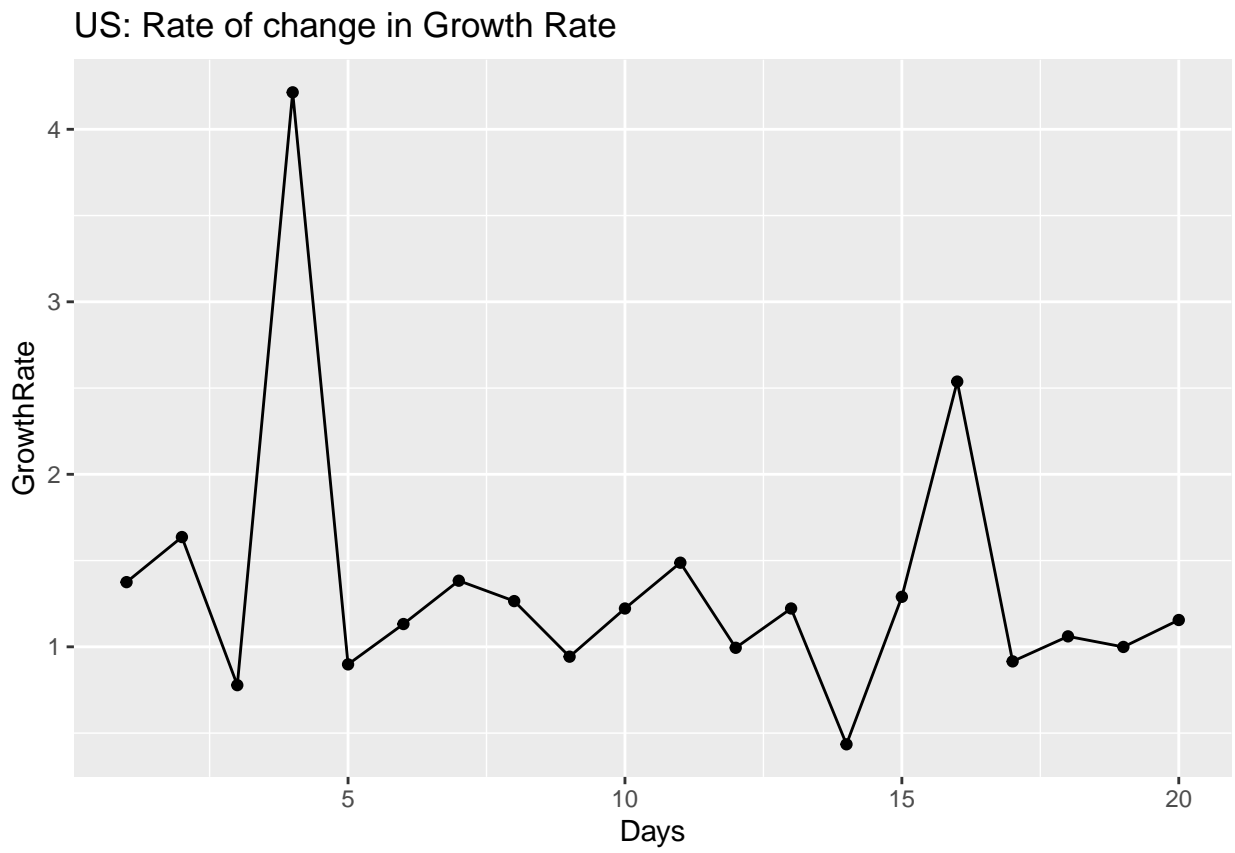
US Corona Dashboard

US: Daily Cases

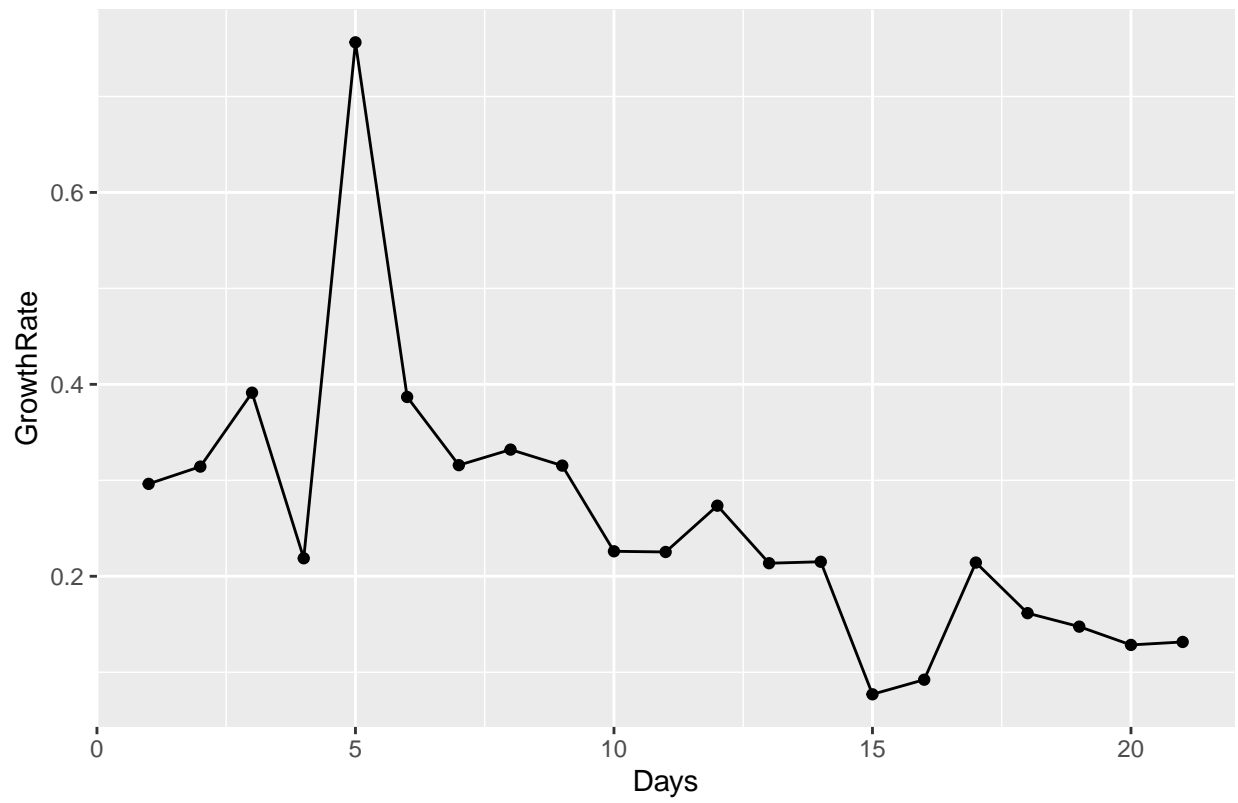


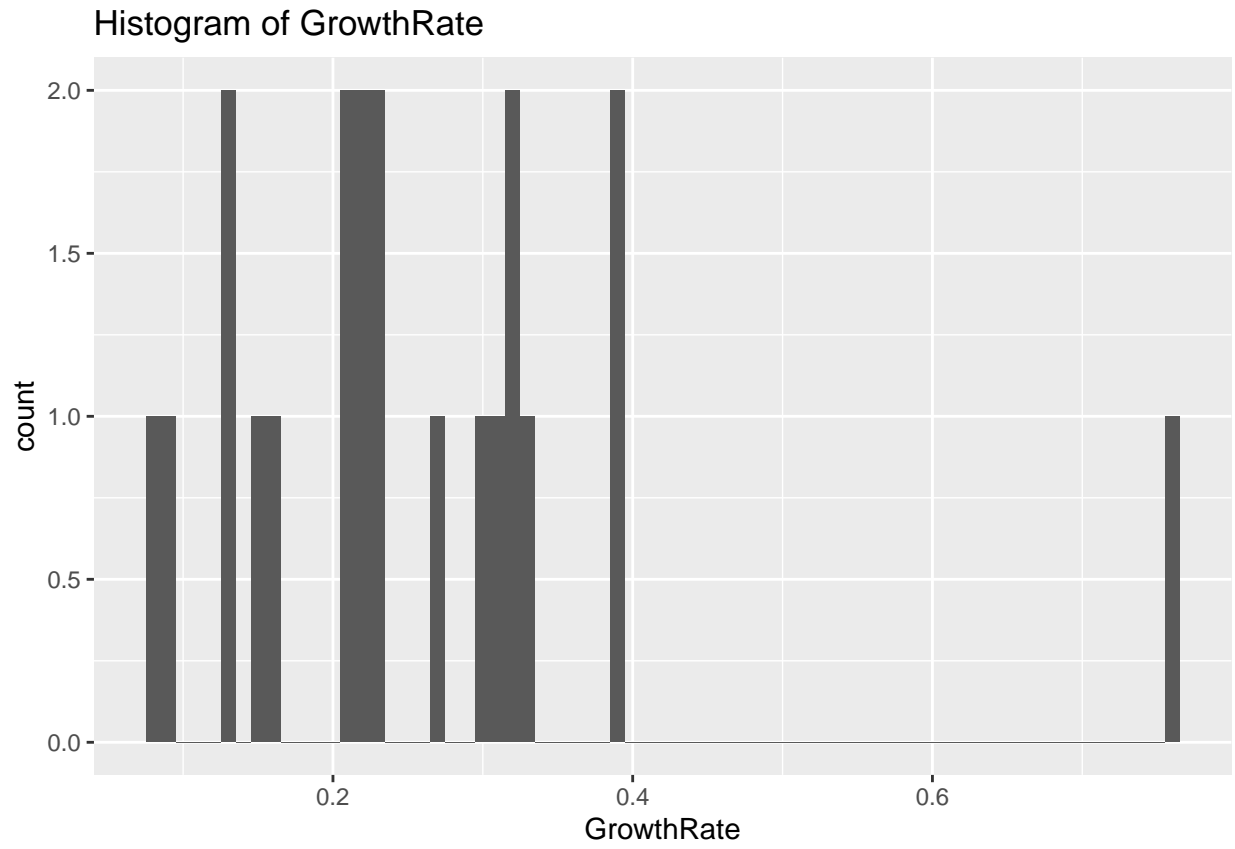
US: Daily Cases

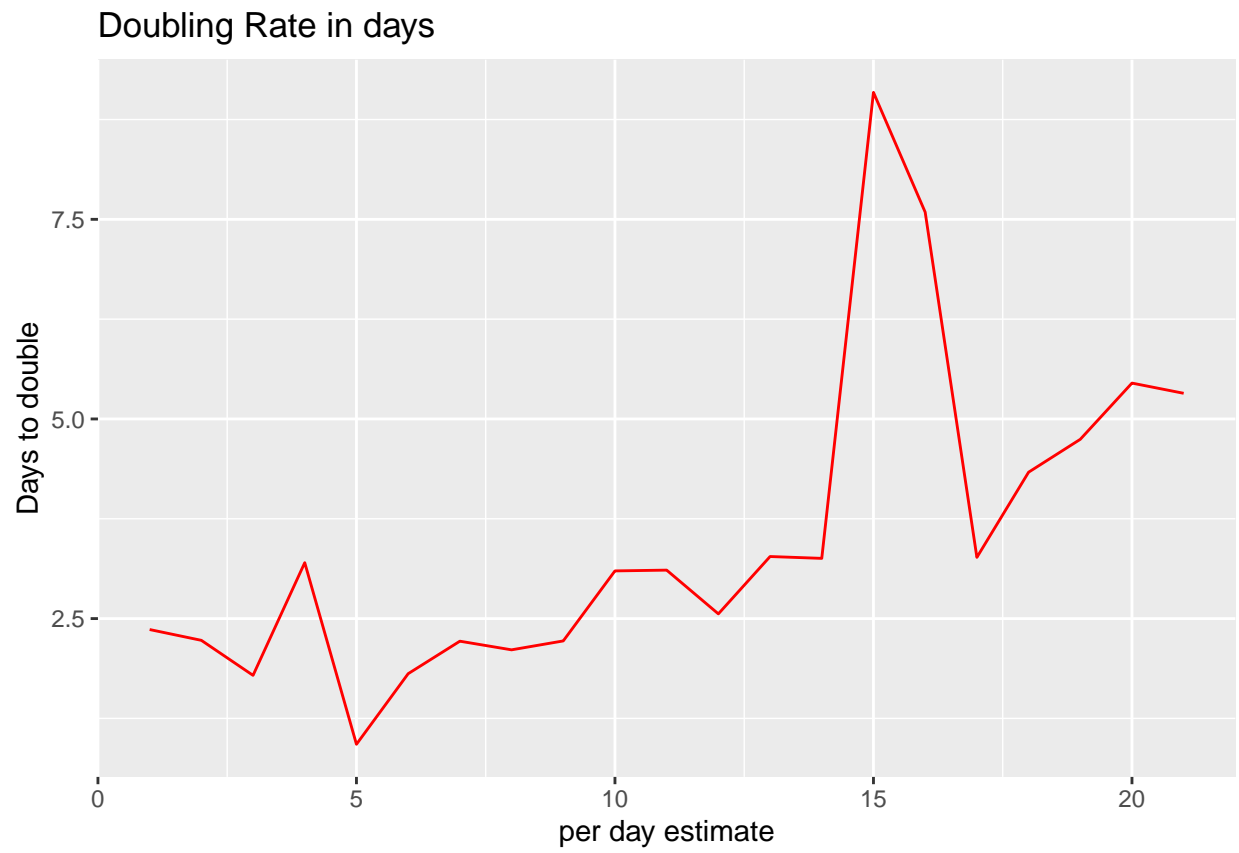




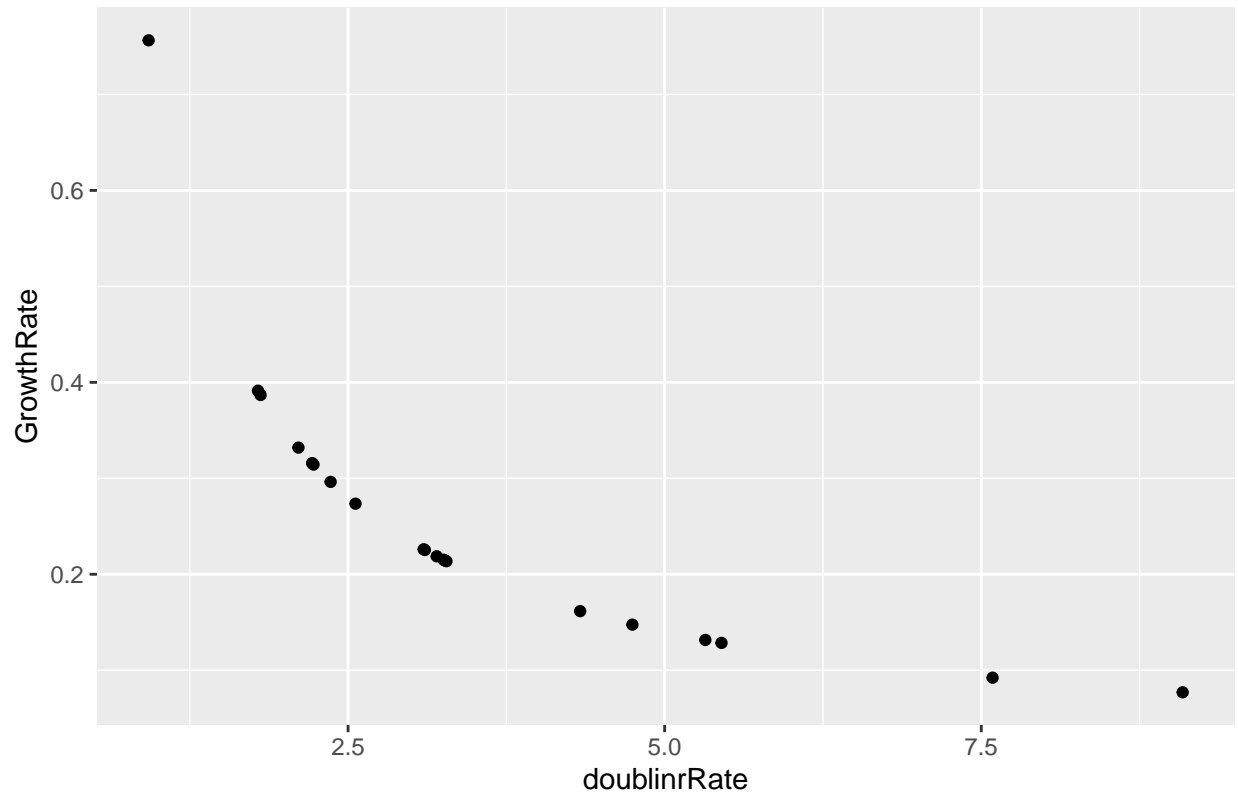
US: Growth Rate

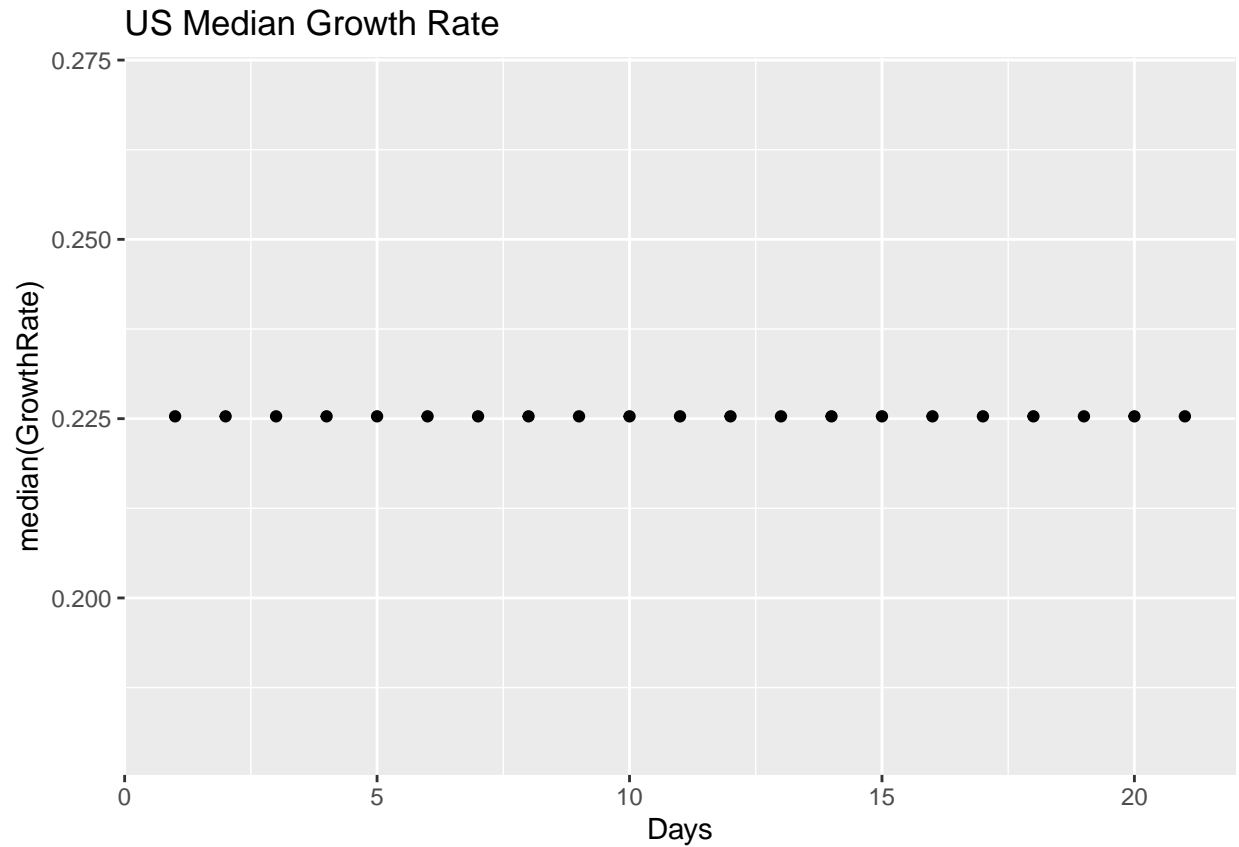






Doubling Rate vs Growth Rate

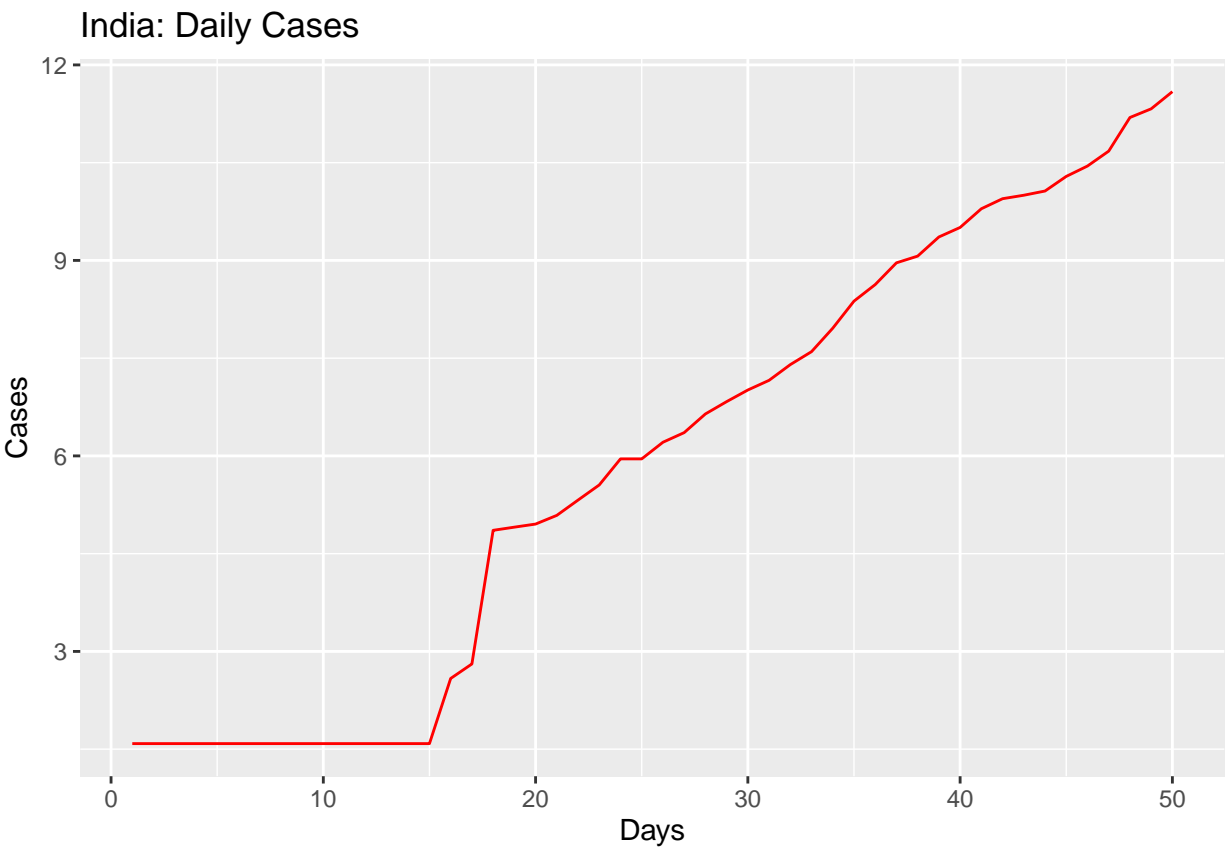
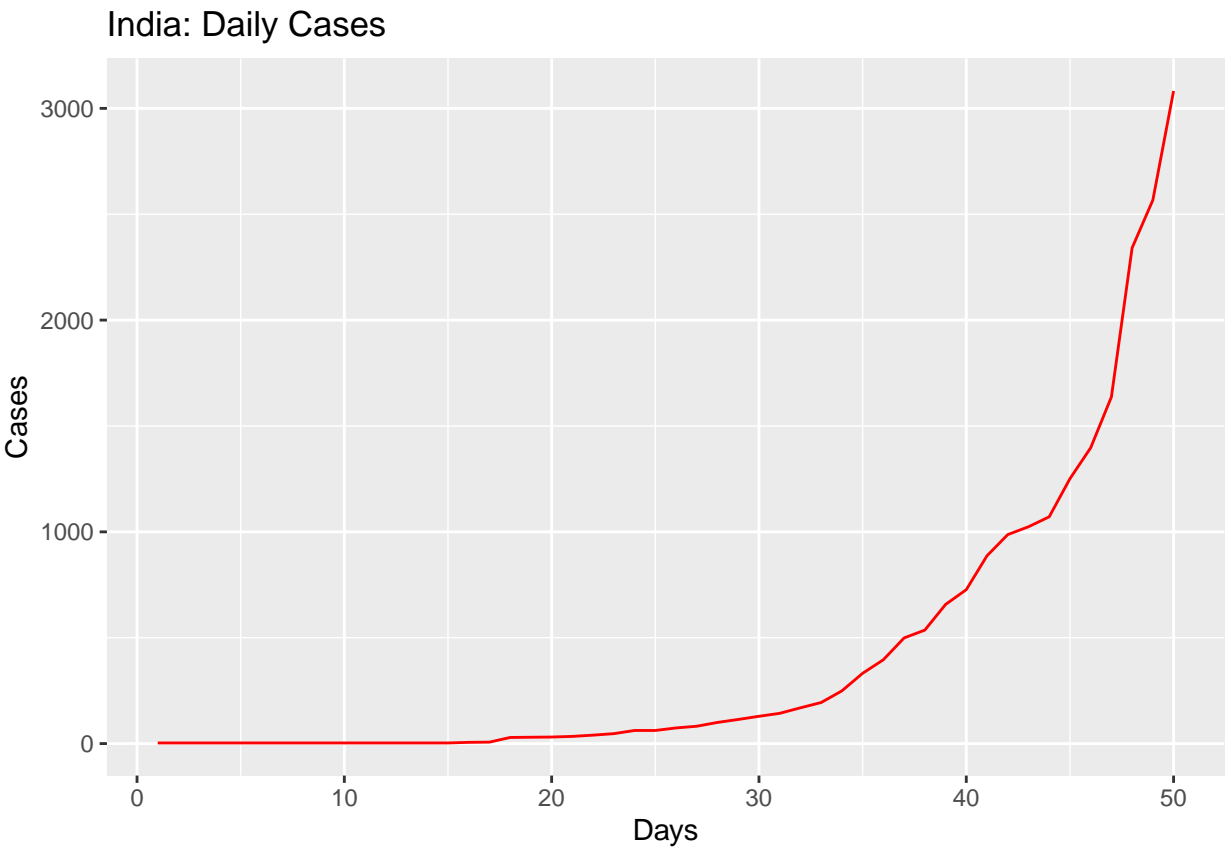




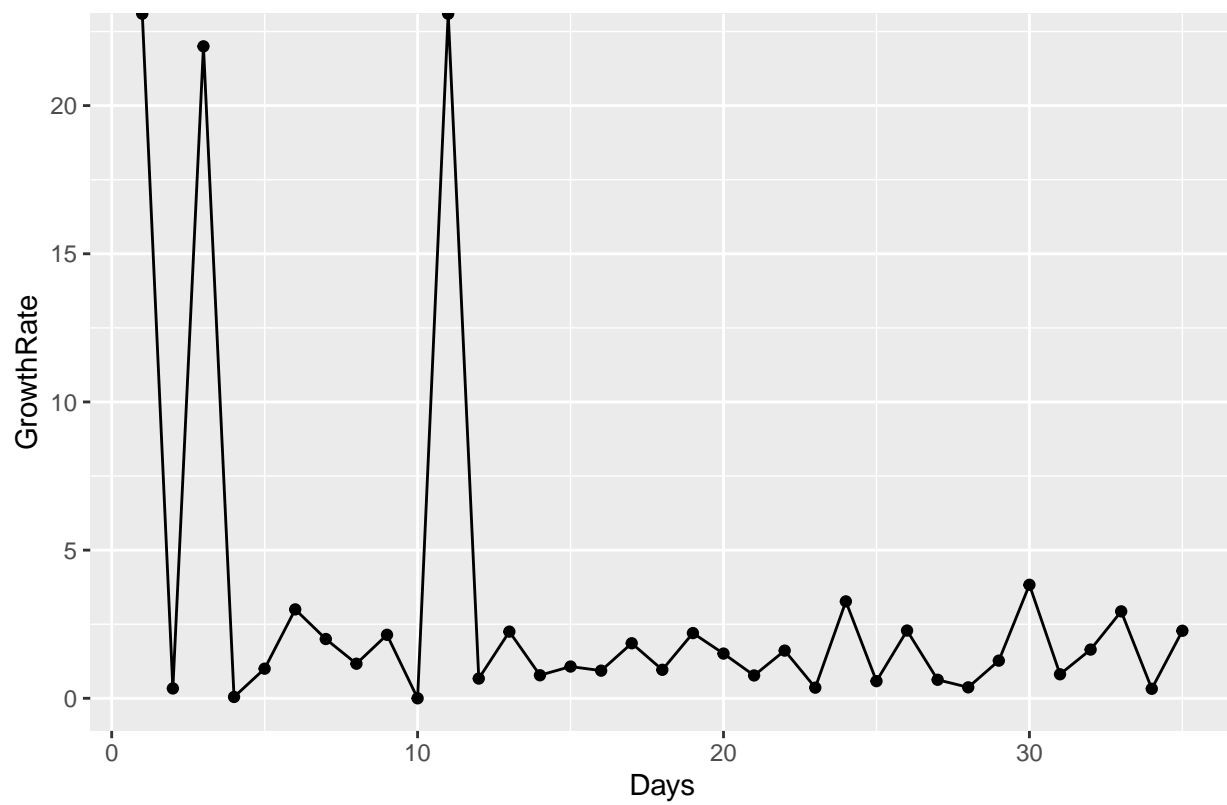
Results:

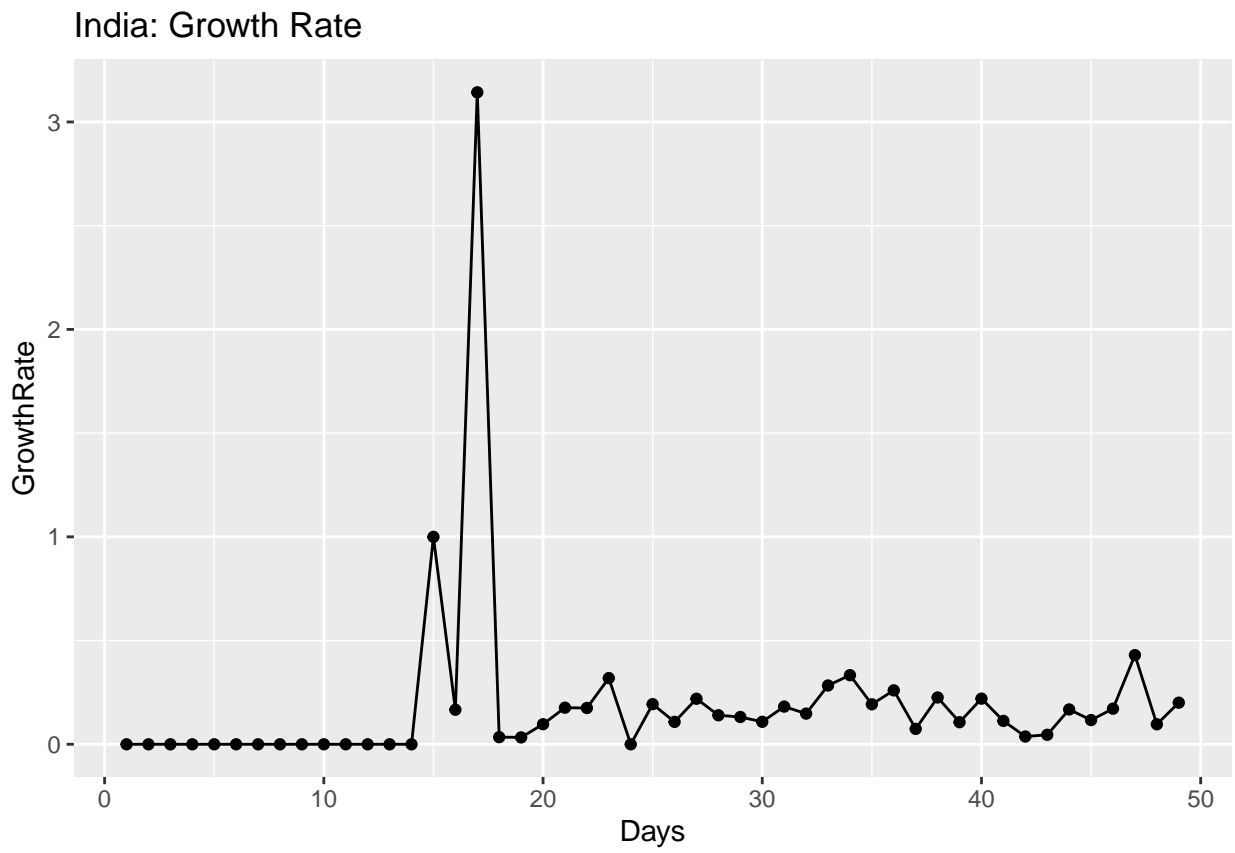
- Tomorrows predicted case number is between 3.3995234×10^5 and 3.781614×10^5 cases.
- Current doubling rate is **5 days**
- Mean doubling rate, i.e number of cases doubles every **3 days**.
- Median doubling rate, i.e number of cases doubles every **3 days**.
- Latest Observed Growth Rate **13.154505** percent.
- Mean Growth Rate: **25.8725432** percent.
- Median Growth Rate: **22.5325885** percent.
- Standard deviation: +/- **14.5537839**.

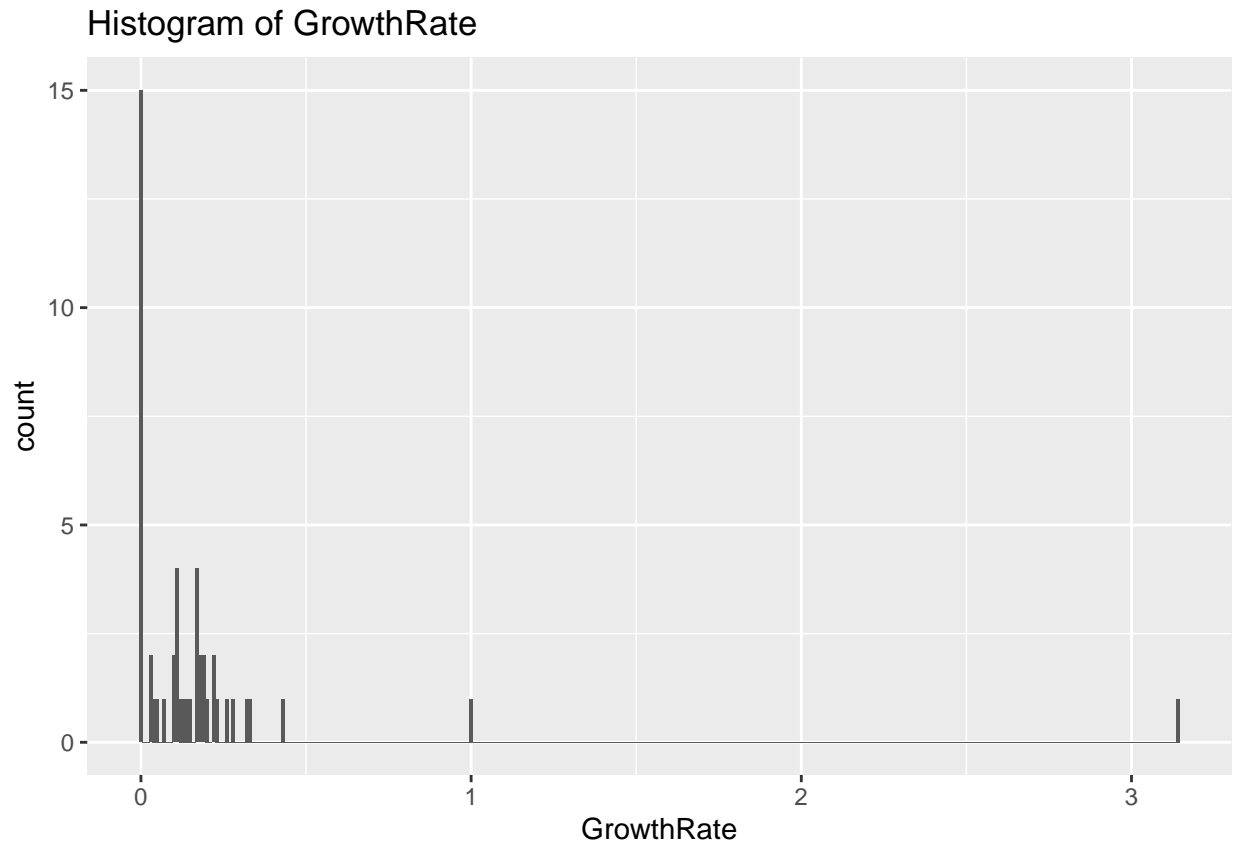
India Corona Dashboard

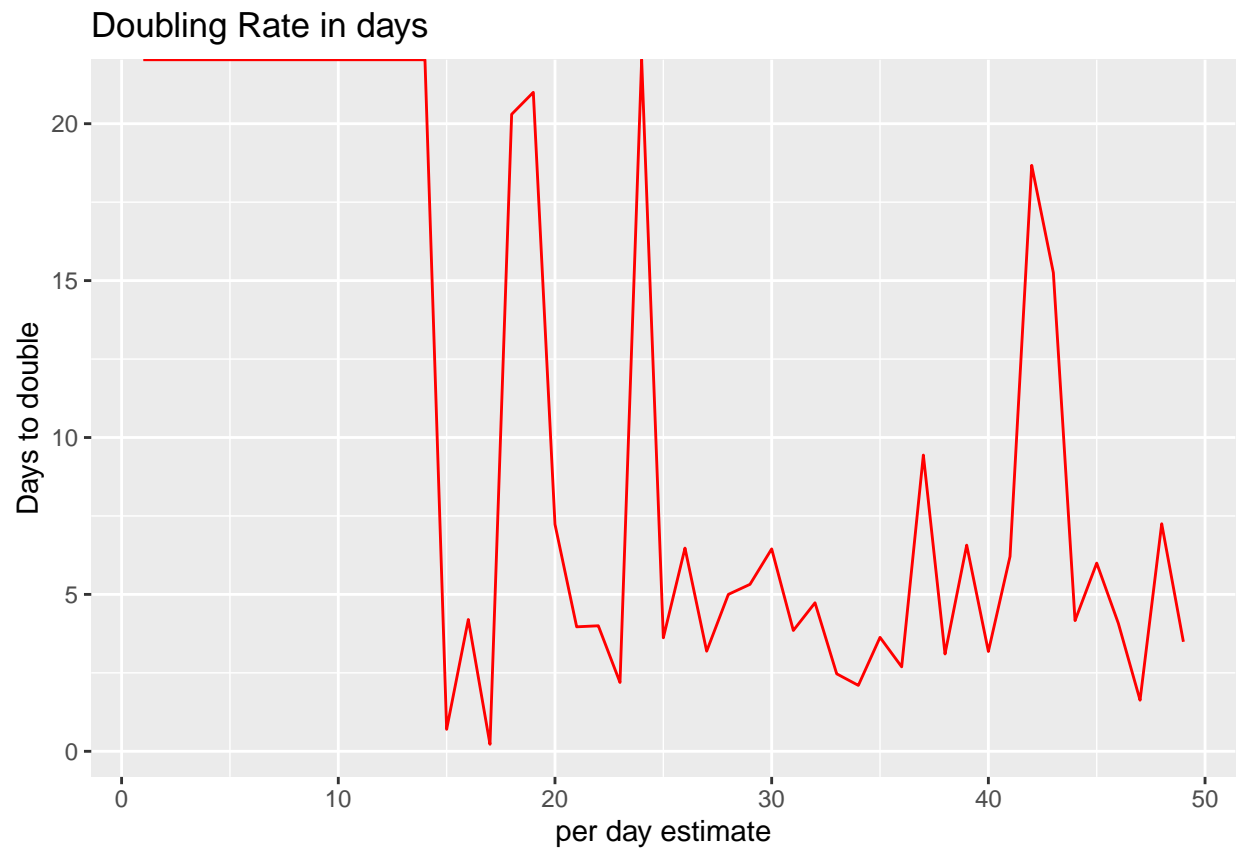


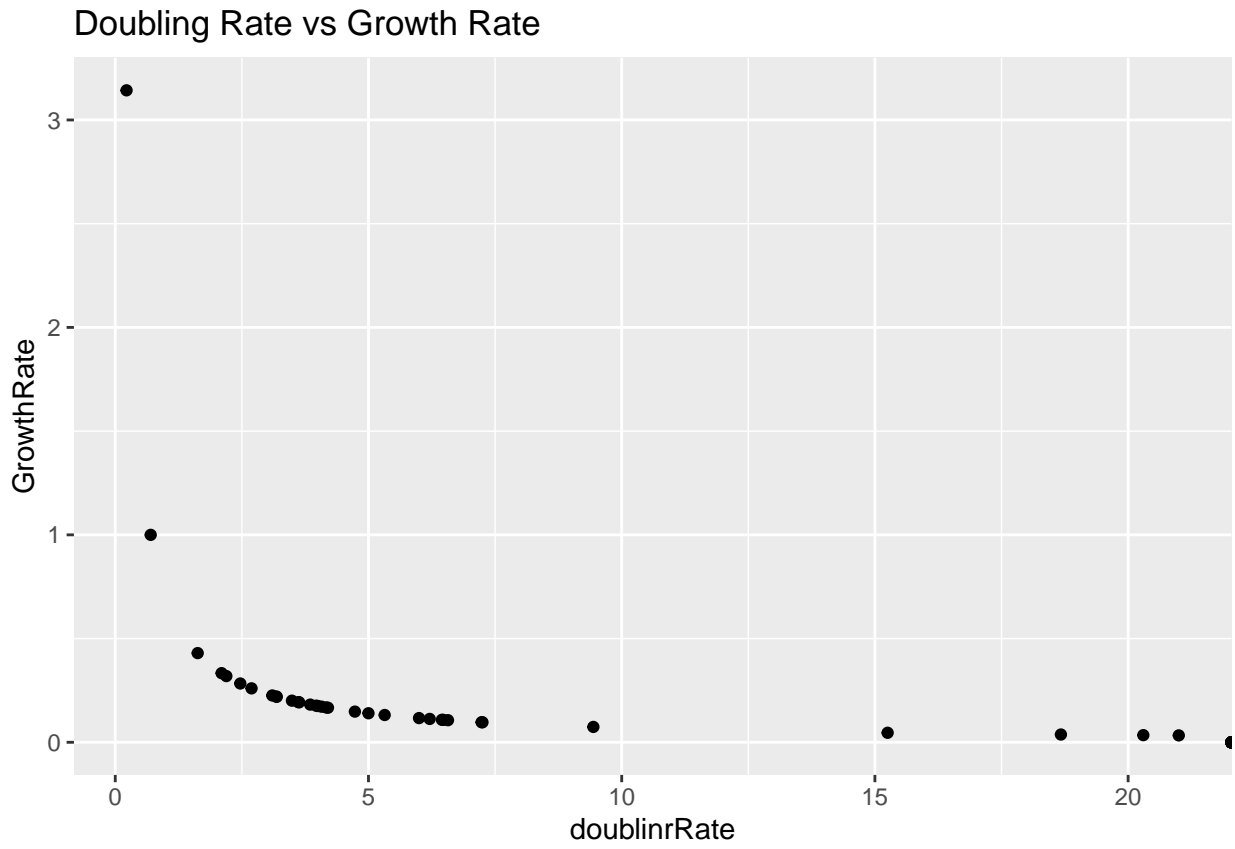
US: Rate of change in Growth Rate

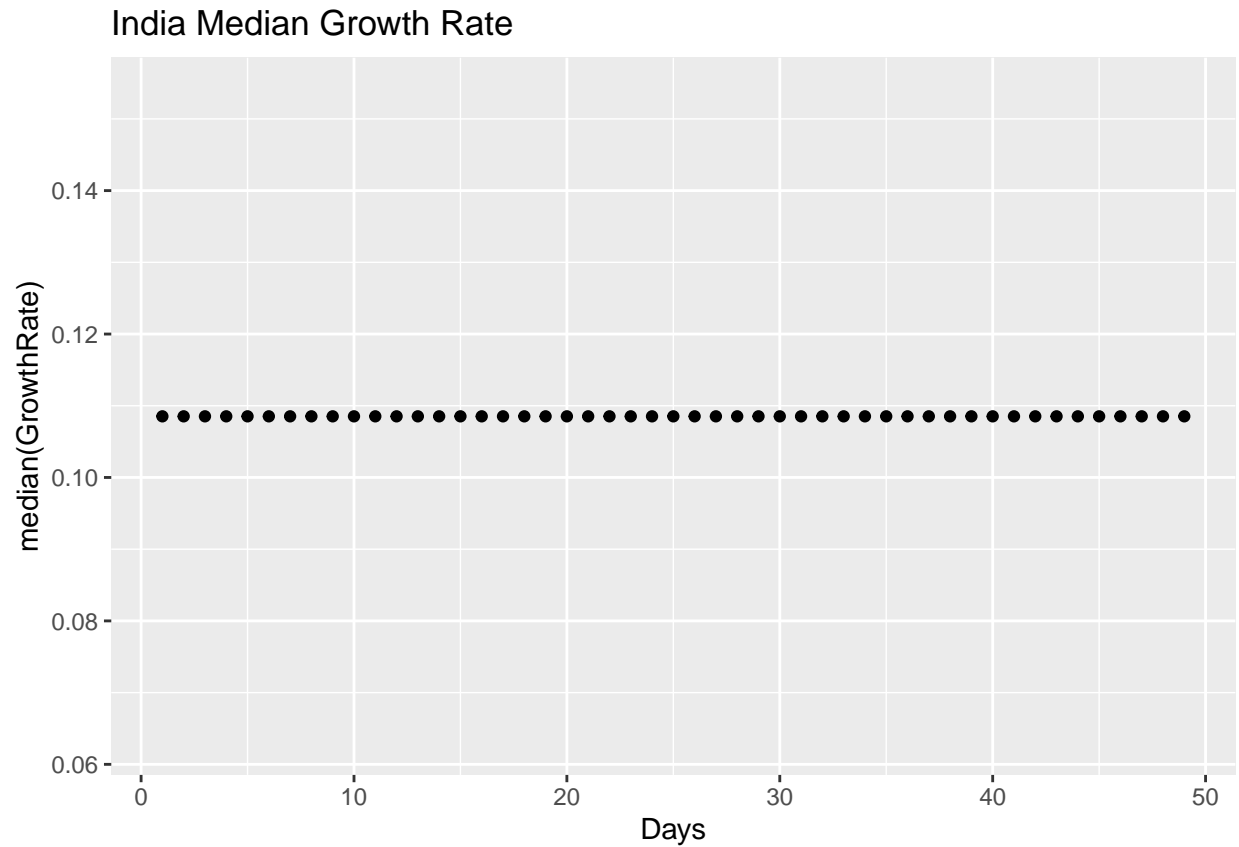












Results:

- Tomorrow's predicted case number is between **3700.3209973** and **3676.5053633** cases.
- Current doubling rate is **3 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 **20.0623296** percent.
- Mean Growth Rate: **19.2895965** percent.
- Median Growth Rate: **10.8527132** percent.
- Standard deviation: +/- **46.0819391**.