Report 1 on Movies

1. Population mean of all movies upto 2015 on IMDb scores is 6.417995.

2. A sample of movies in the year 2016 is taken and
   a. Standard deviation of population comes out to be =1.113503.
   b. Sample variance of the sample comes out to be =1.168841.

3. Null Hypothesis: "Popularity of films (as imdb score) does not increase"
   a. Assuming normal distribution p-value comes out to be 0.569504 which is in the range (0.05,0.95) and hence the null hypothesis is accepted.
   b. Assuming T-distribution p-value comes out to be 0.5660842 which is in the range (0.05,0.95) and hence the null hypothesis is accepted.