Homework 1 web problem – winter 2017

IMDB ratings

The 2016 summer saw the reboot of two iconic scifi movies: *Independence Day Resurgence* and *Ghostbusters*. Both received similar overall ratings on IMDB (the internet movie database, www.imdb.com): a very mediocre 5.4 and 5.5, respectively, out of 10.

You can see the details of each movie's ratings by clicking on the rating on each movie's page, or by going directly to www.imdb.com/title/tt1628841/ratings and www.imdb.com/title/tt1289401/ratings.

(a) Describe and compare the distribution of ratings (1 through 10) for each movie. Even though the movies have similar average ratings, can we say that the movies have similar rating distributions? Explain why or why not.

(b) Next click on the "Males" and "Females" ratings for the movie *Independence Day Resurgence.* Describe and compare these two distributions. Do the same thing for the movie *Ghostbusters*.

(c) Briefly summarize your findings, contrasting the ratings for the two movies.

[If you are interested in the topic, you can read the following analysis http://fivethirtyeight.com/features/ghostbusters-is-a-perfect-example-of-how-internet-ratings-are-broken/ by the FiveThirtyEight survey analytics website.]