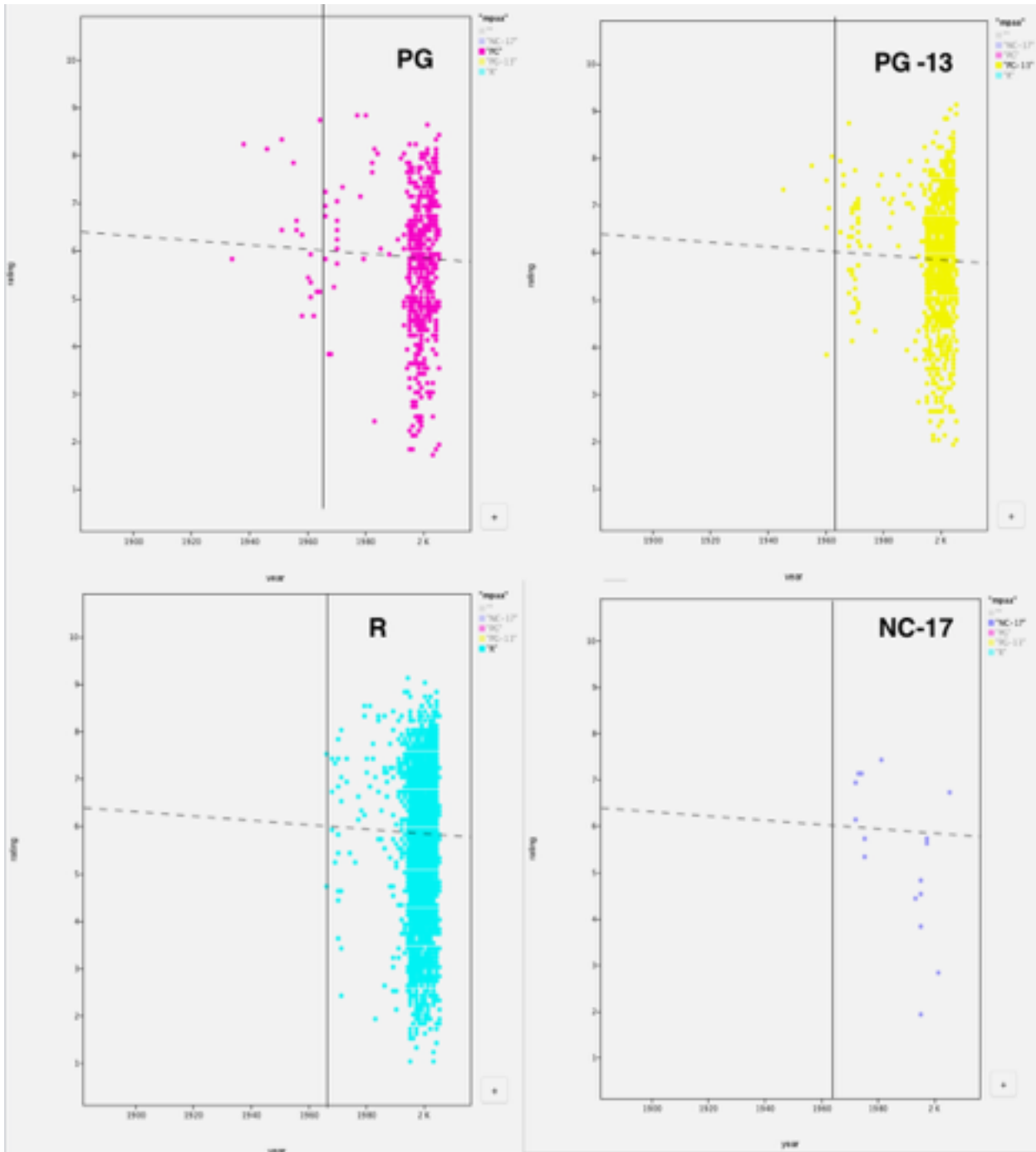


Movie Data Analysis by Fei Fang

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1. This group of graphs show how the amounts of movies for different MPAA Ratings have changed overtime.



As we can see, most of the movies with ratings started to appear at around 1968, which was the year when the ratings system was established by the MPAA. Some films originally released prior to November 1, 1968 which have not previously been rated have been Re-issued, so there are some data points before 1968 on the graph.

Movies with NC-17 rating, which is the most restricted one (according to the ratings below), appear far less than the other ratings.

MPAA Movie Ratings (USA)

Rating	Description
PG	Parental Guidance Suggested. Some material may not be suitable for children.
PG-13	Parents Strongly Cautioned. Some material may be inappropriate for children under 13.
R	Restricted. Under 17 requires accompanying parent or adult guardian.
NC-17	No one 17 and under admitted.

Also, there was a dramatic increase in all these kinds of movies in the 1990s.

2. This graph shows the trending of amounts of different types of movies (according to the regression line, which I am not sure if it is statistically meaningful). It indicates that there has been a drop in Short movies, Comedy and Animation, and a growth in Documentary, Drama and Action movies.

