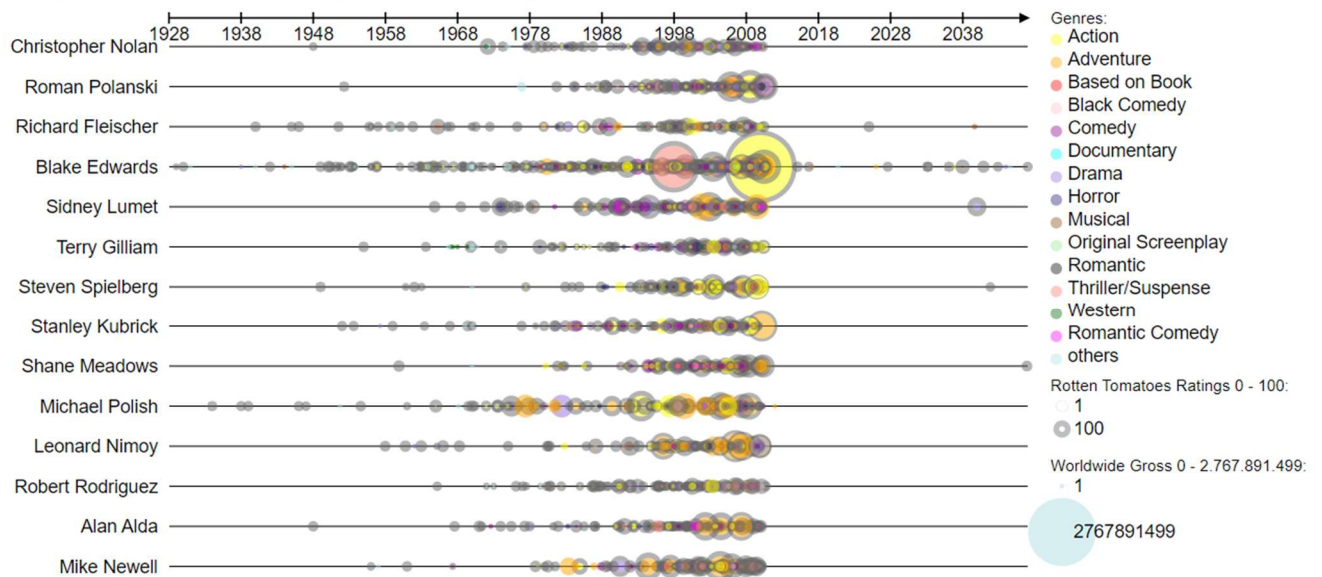


Timeline Visualization of Movies as Events

Graded Homework Assignment 02

Lecture *Grundlagen der Informationsvisualisierung*, University of Bamberg, summer semester 2023



Observed Insights:

- The worldwide gross seems to grow over time, rather later films achieve higher numbers. However the values differ, so that there is no positive correlation, only a tendency. It shows no correlation to the Rotten Tomatoes Rating.
- The number of directing films condenses over time for most directors. Comparatively the most films were produced between 1998 and 2008. However, the data points should probably be viewed with caution, as it seems unrealistic for directors to make films for over 70 years.

Comments or Explanations:

I created this using Visual Studio Code and the Google Chrome browser.
 There seems to be a mistake, since there are movies that appear in the future, whereas the data set is from 2010.
 Due to this reason I ignore the years after that while describing the insights.
 Films that do not contain values for the worldwide gross don't appear in this visualization.
 There is no currency specified for the worldwide gross within the data set.
 The most frequent "director" is a zero value.
 To exclude films to which no director is assigned, the second to sixth most common directors are selected.

I created a mouseover event that partly works (code line 377 ff, it appears at the bottom of the page), but if I uncomment it, the legend disappears.