MOVIE RATINGS

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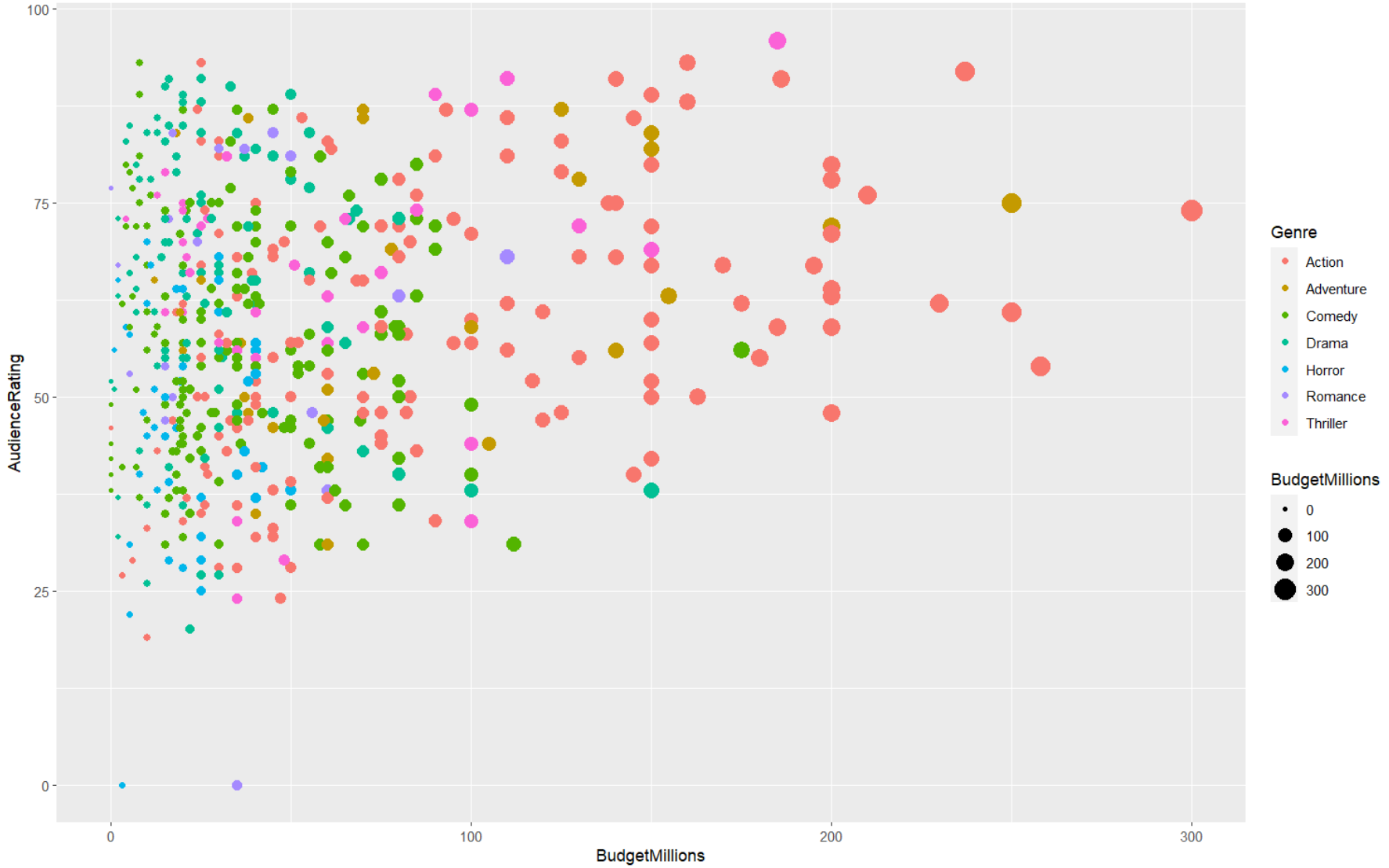
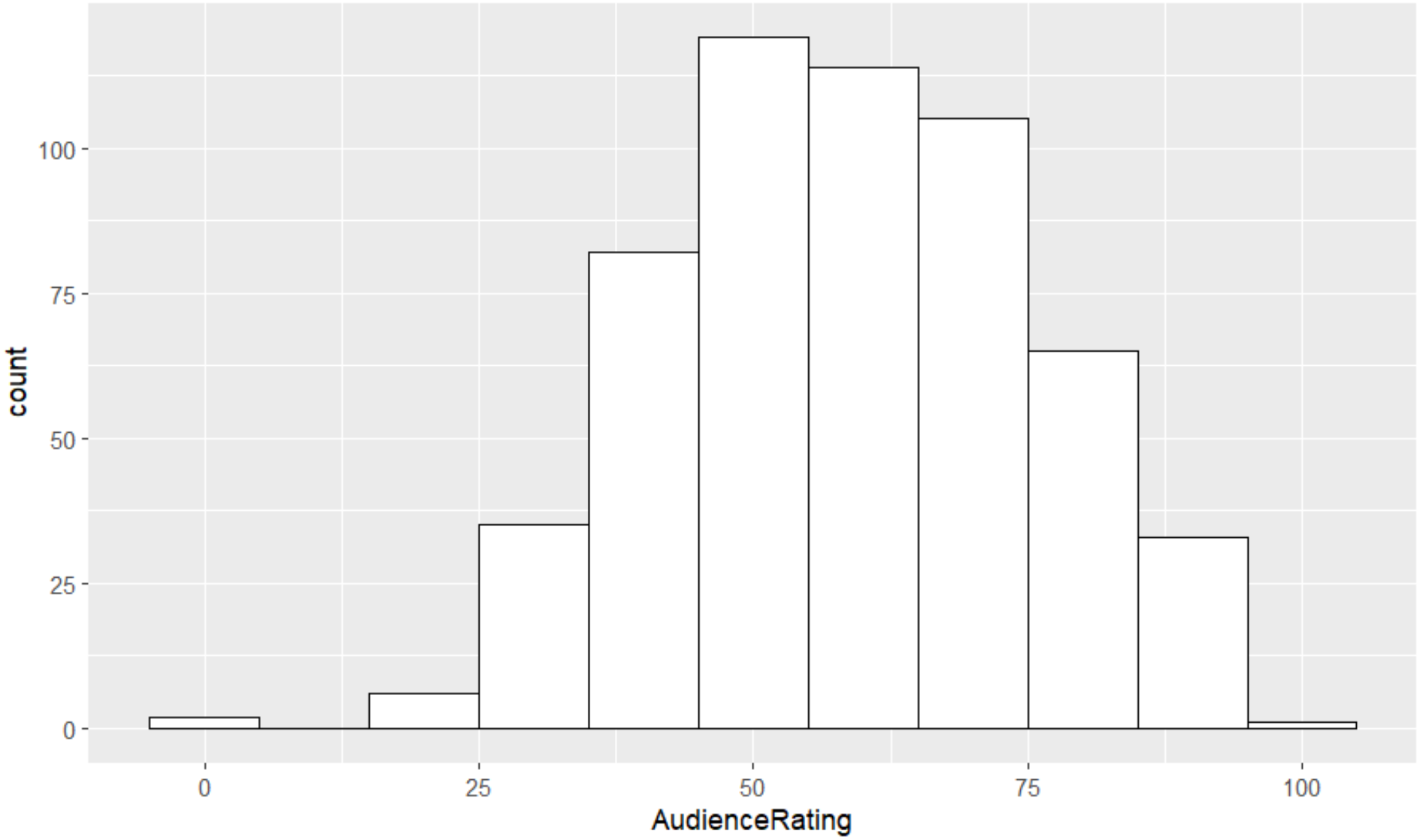
Project Brief

- You have been approached as an analytics consultant by a movie reviews website.
- They are writing up an article analysing movie ratings by critics and audience as well as movie budgets for the years 2007-2011.
- This is the first time they are doing this analysis and they don't know exactly what they need. They have asked you to look into the data and provide them with 5 graphs that tell a story about the data.
- However, there is one chart the CEO specifically requested - a diagram showing how the correlation between audience and critic ratings has evolved throughout the years by genre. This is in addition to the other 5.

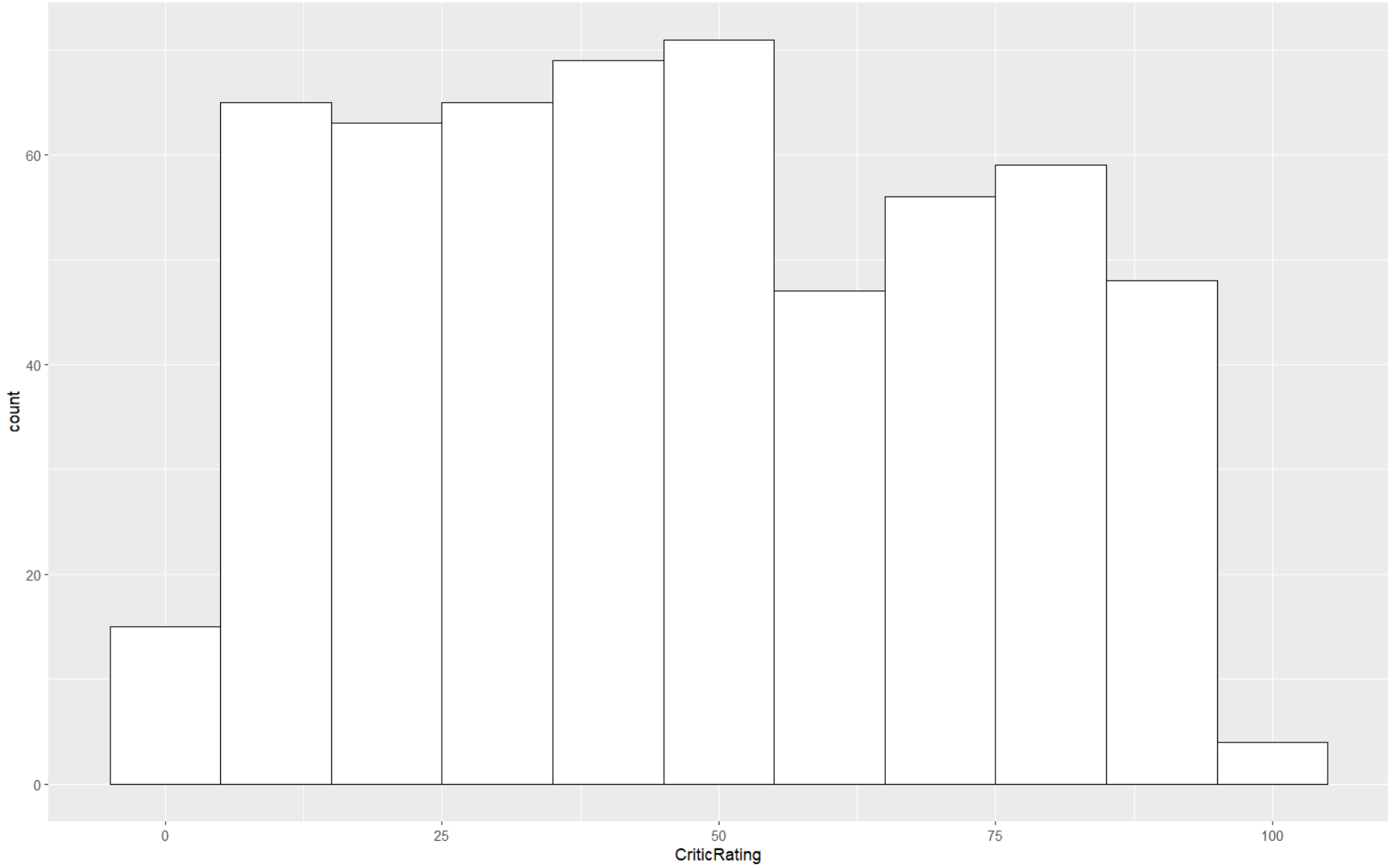
Scatterplot : Audience rating vs Budget (in millions) grouped by Genre



Histogram : Audience Rating

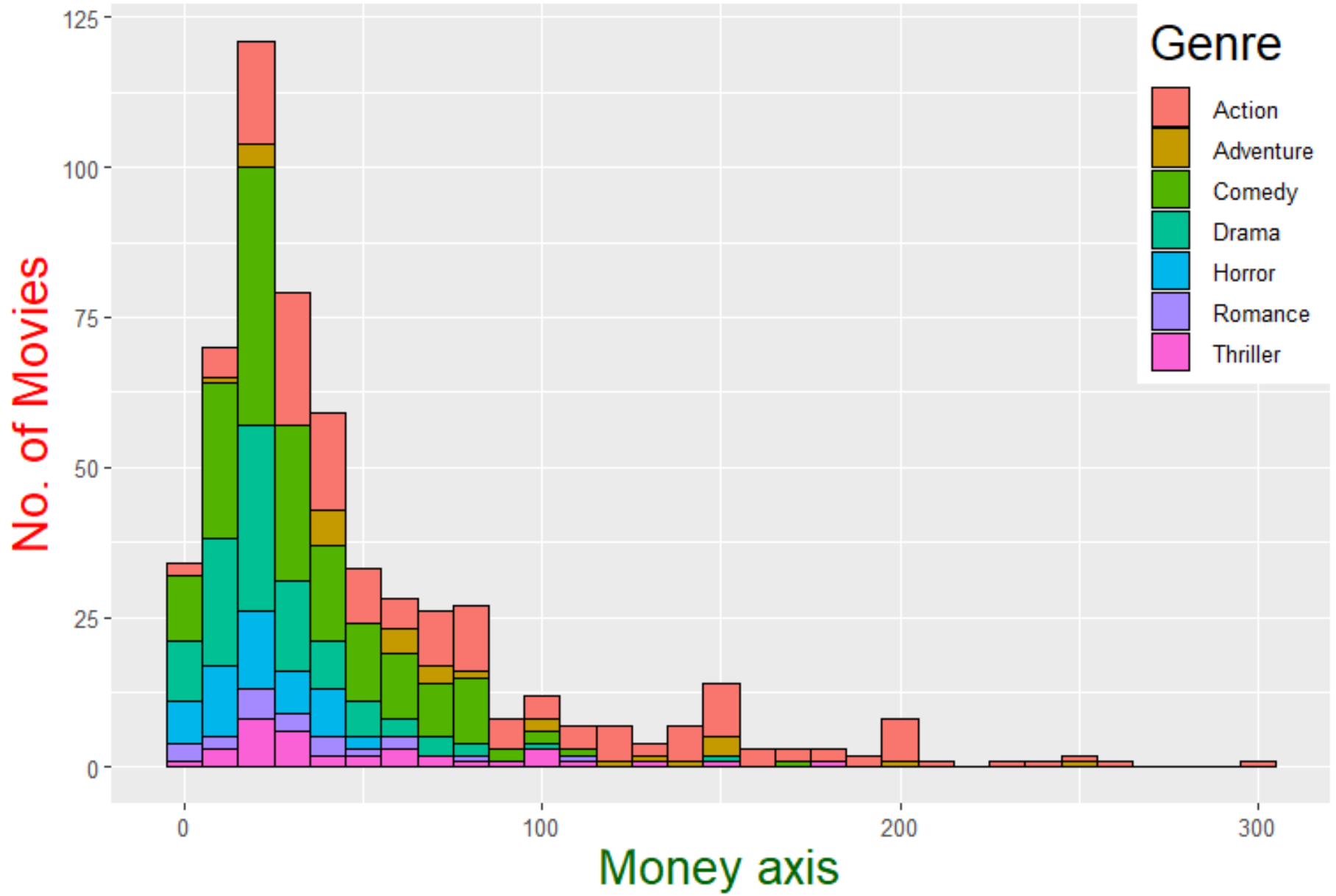


Histogram : Critic Rating



Boxplot : Audience Rating of different Genre

Movie Budget Distribution



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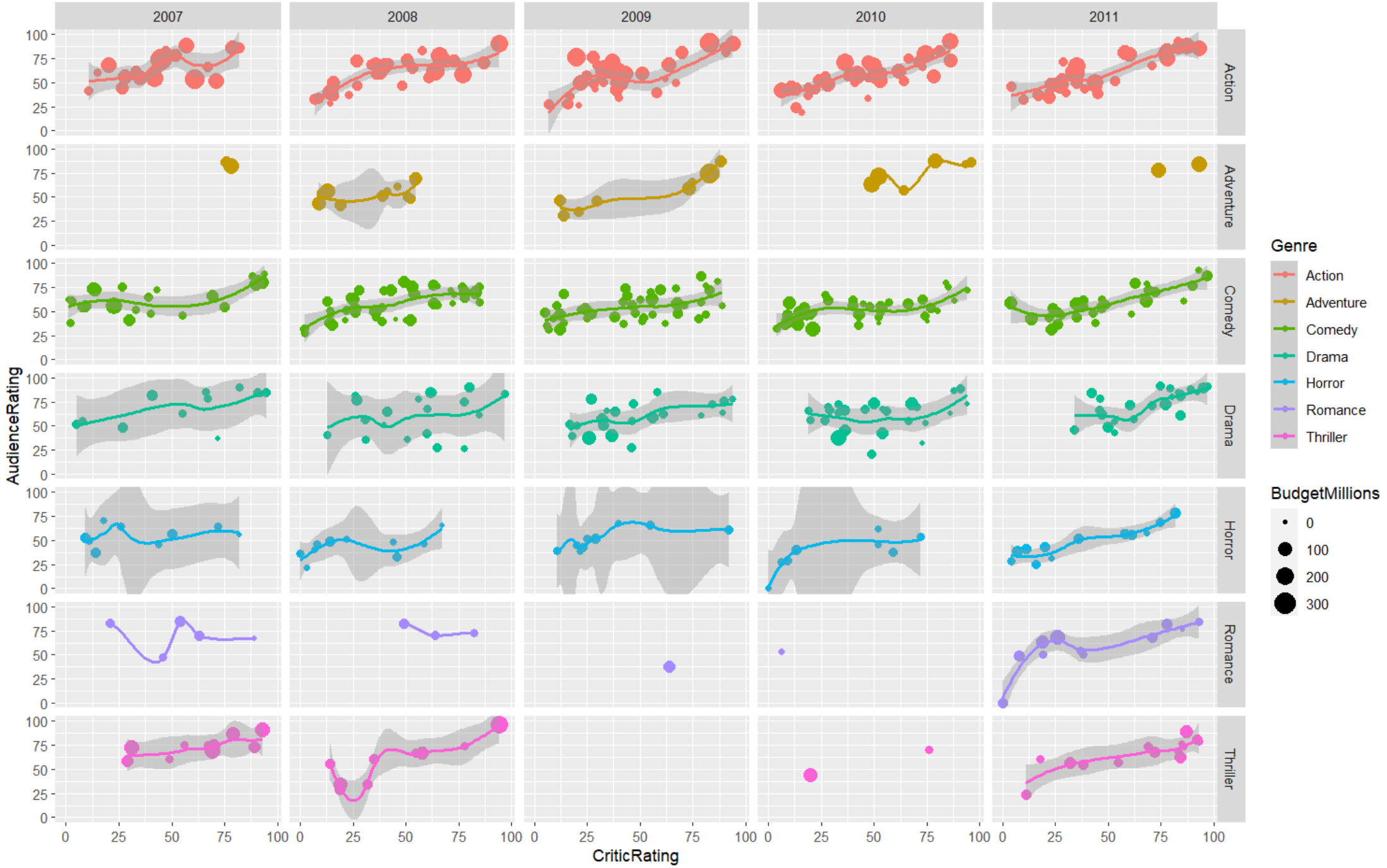
Correlation between
Audience
&
Critic Ratings:
evolution throughout the years by Genre


2007
2008
2009
2010
2011
Action
Adventure
Comedy
Drama
Horror
Romance
Thriller
AudienceRating
CriticRating
0
25
50
75
100
Genre
Action
Adventure
Comedy
Drama
Horror
Romance
Thriller
BudgetMillions
0
100
200
300