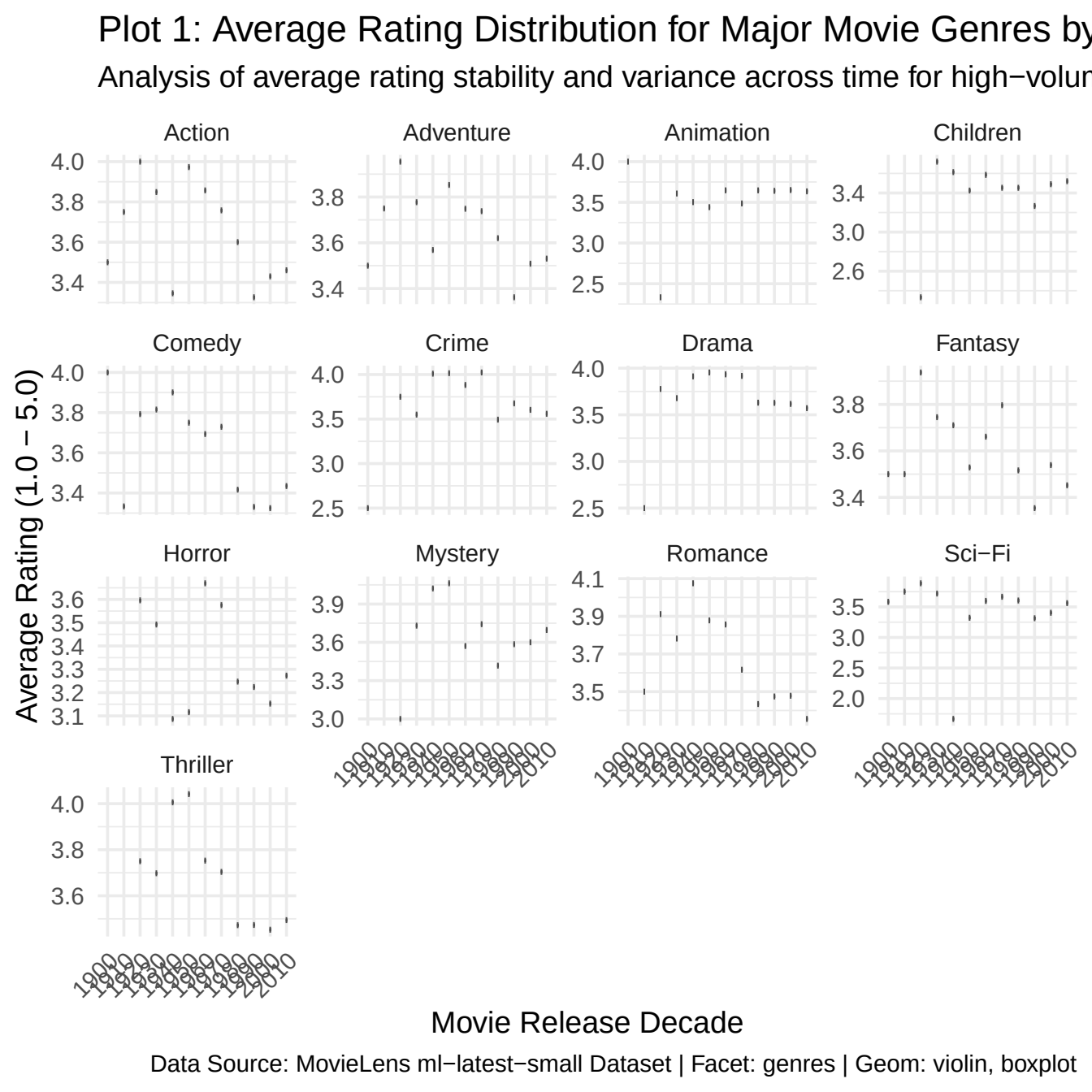
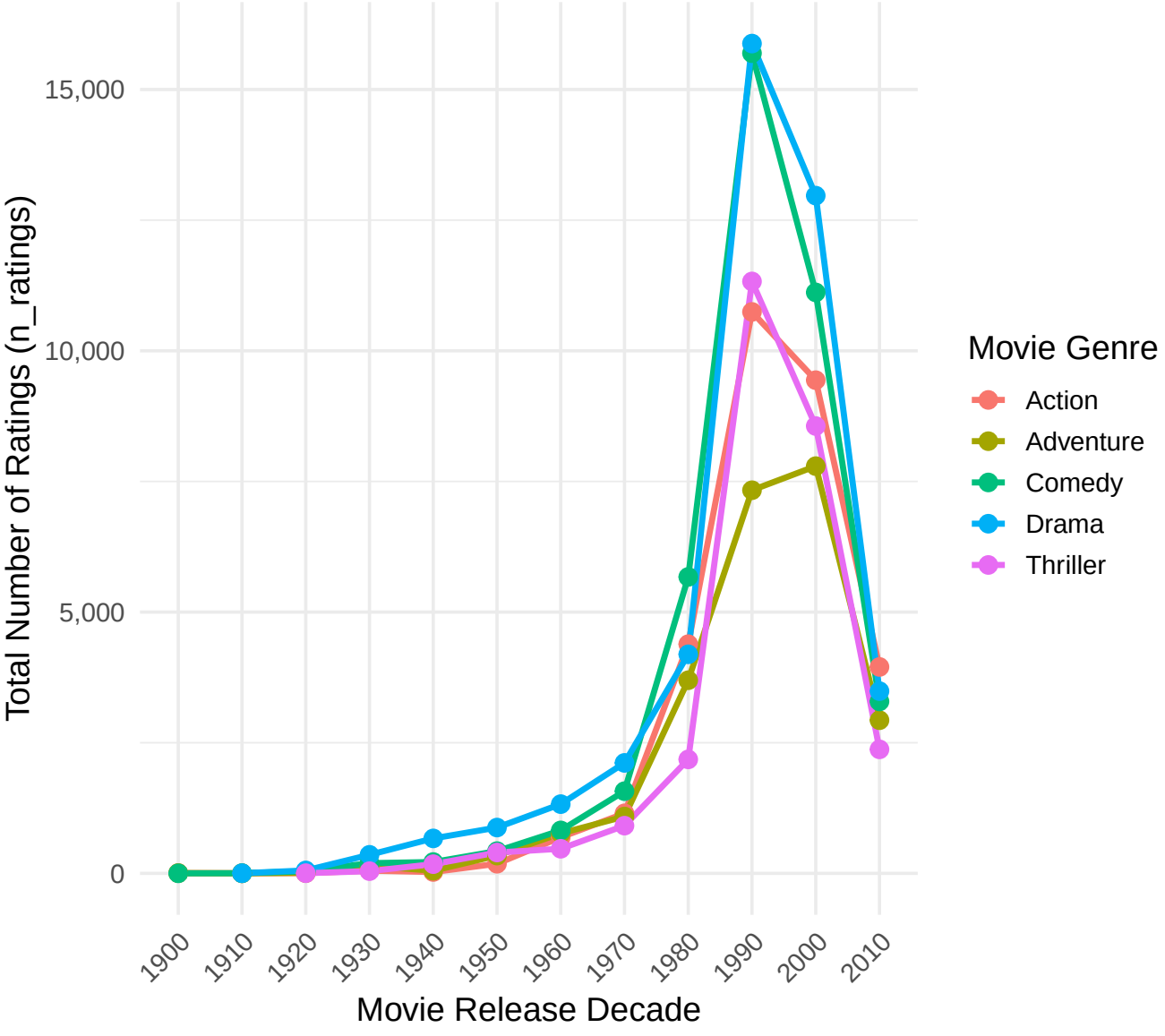

Plot 1: Average Rating Distribution for Major Movie Genres by
Analysis of average rating stability and variance across time for high−volum
Action
Adventure
Animation
Children
Comedy
Crime
Drama
Fantasy
Horror
Mystery
Romance
Sci−Fi
Thriller
Average Rating (1.0 − 5.0)
Movie Release Decade
Data Source: MovieLens ml−latest−small Dataset | Facet: genres | Geom: violin, boxplot

Plot 2: Popularity (Rating Count) Trend of Top 5 Genres by

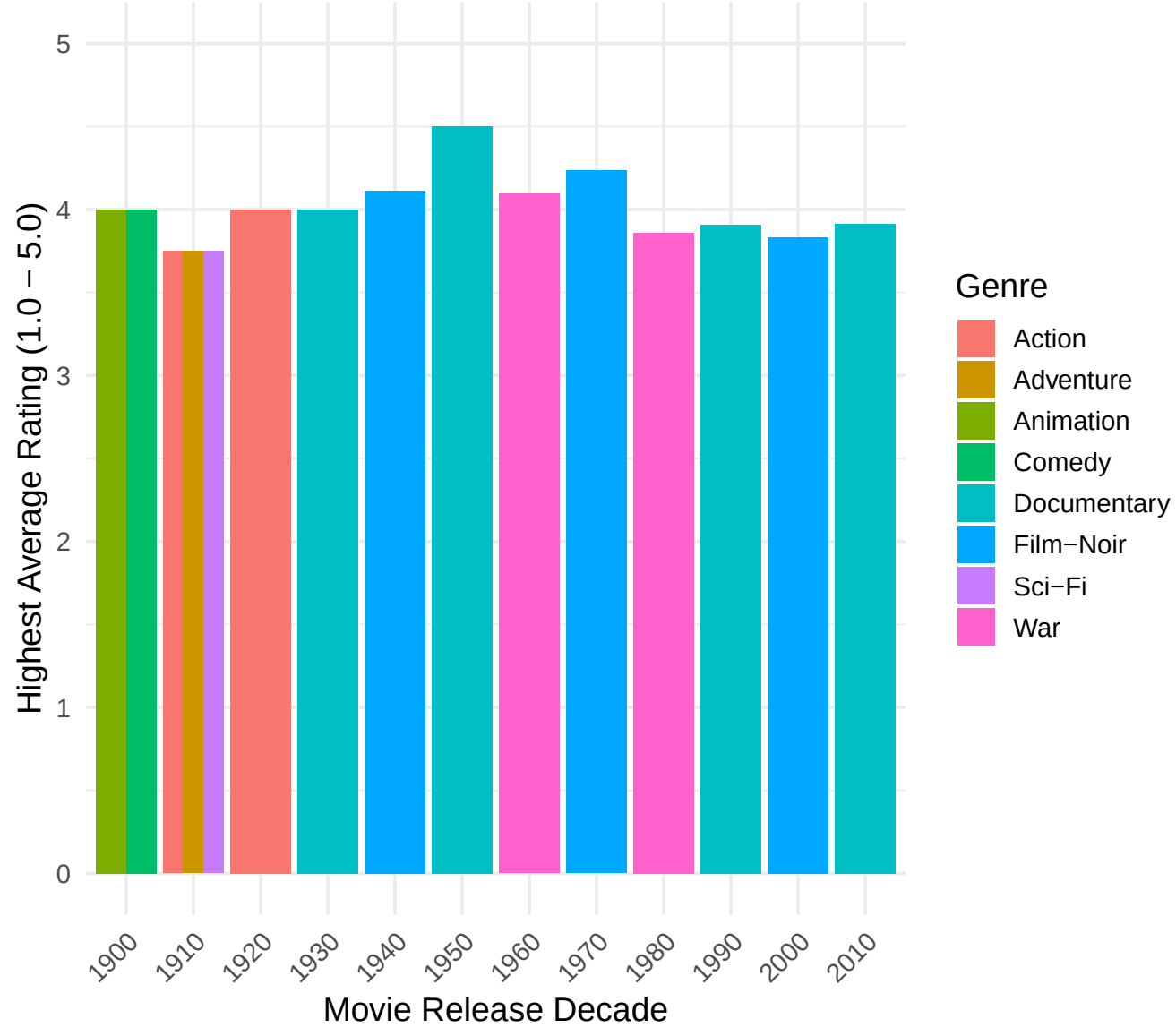
Drama and Comedy consistently lead in popularity across the analyzed



Data Source: MovieLens ml−latest−small Dataset | Geom: line, point

Plot 3: Highest Average Rated Genre in Each Decade

Non−mainstream genres like Film−Noir and Documentary often claim the hi



Data Source: MovieLens ml−latest−small Dataset | Geom: col