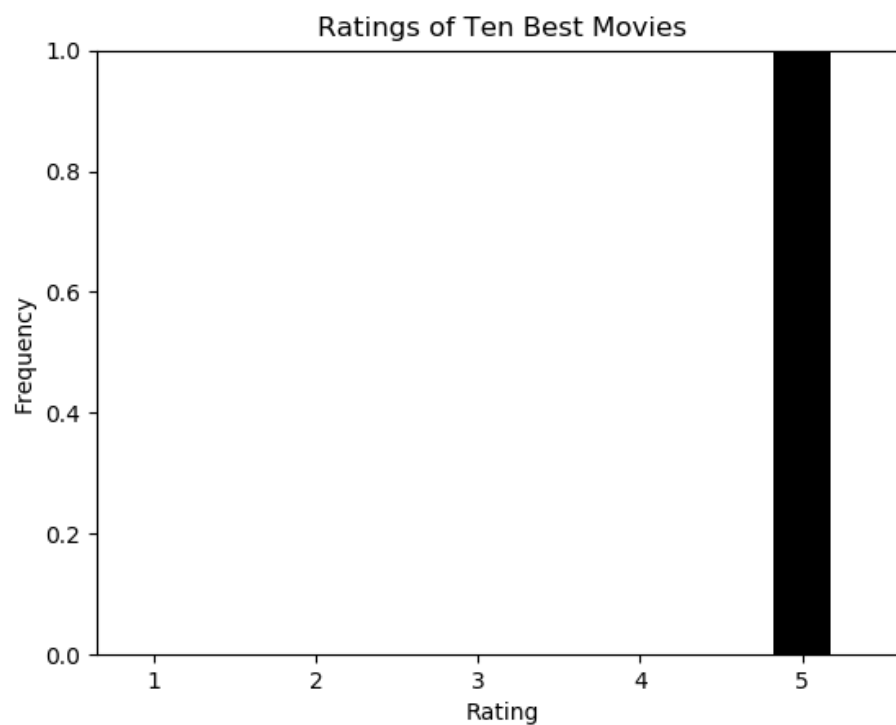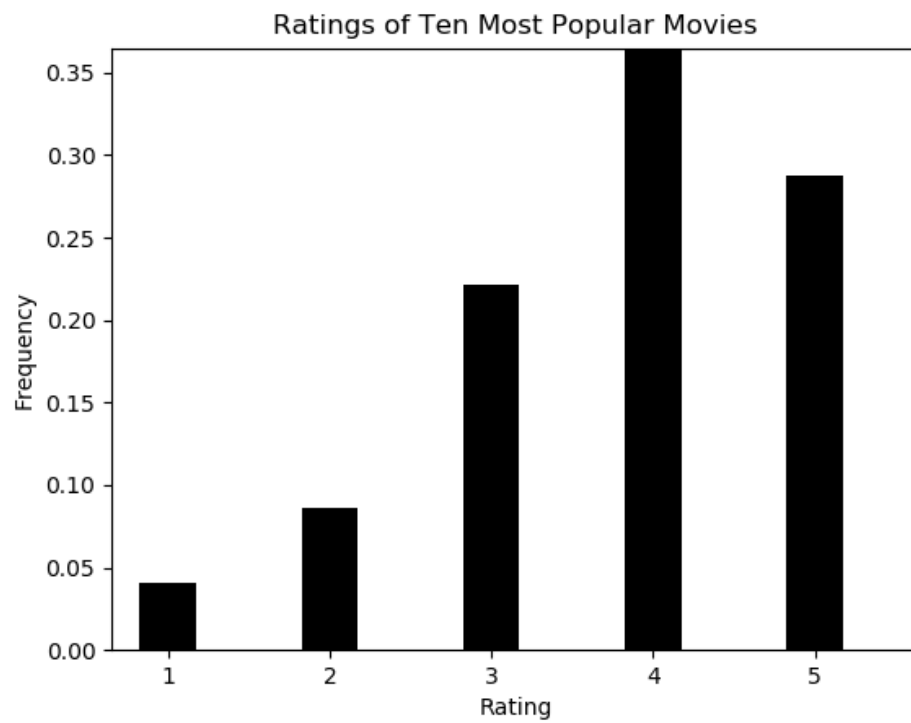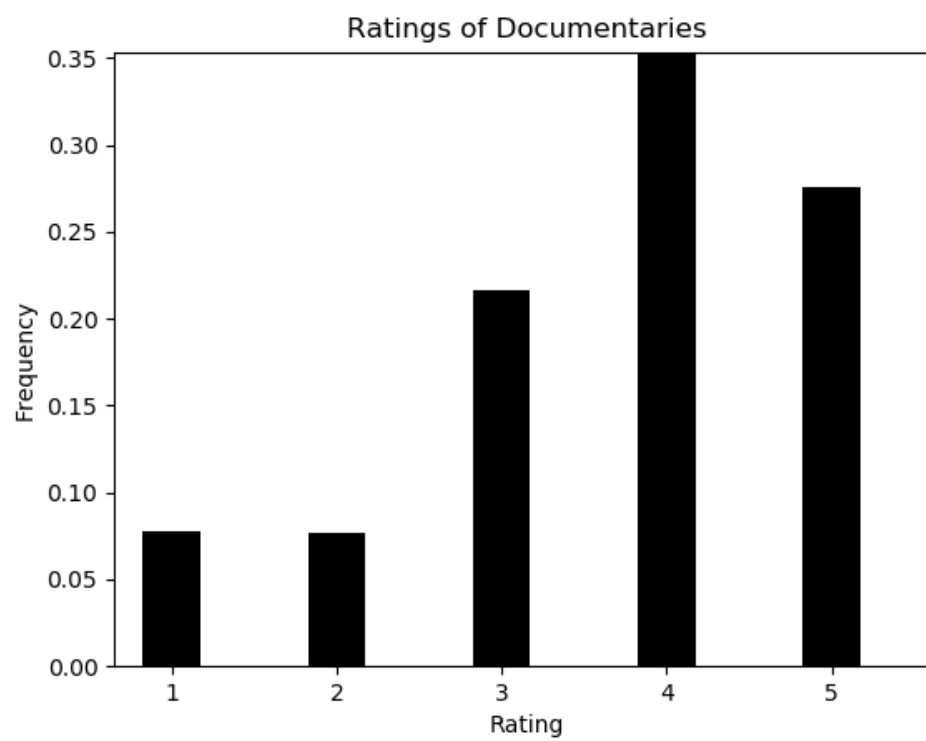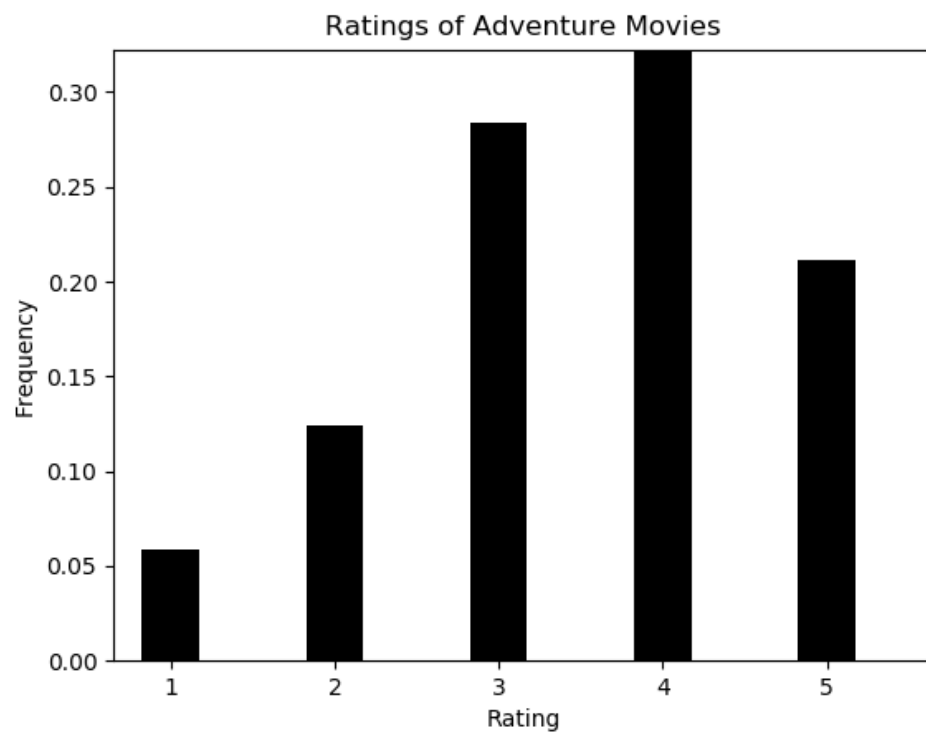Beiyi (Annie) Wang
Jessica Choi
Alec Ho

MovieLens Visualizations

3 Basic Visualizations

Ratings of All Movies

Ratings of Ten Most Popular Movies

Ratings of Ten Best Movies

Ratings of Adventure Movies
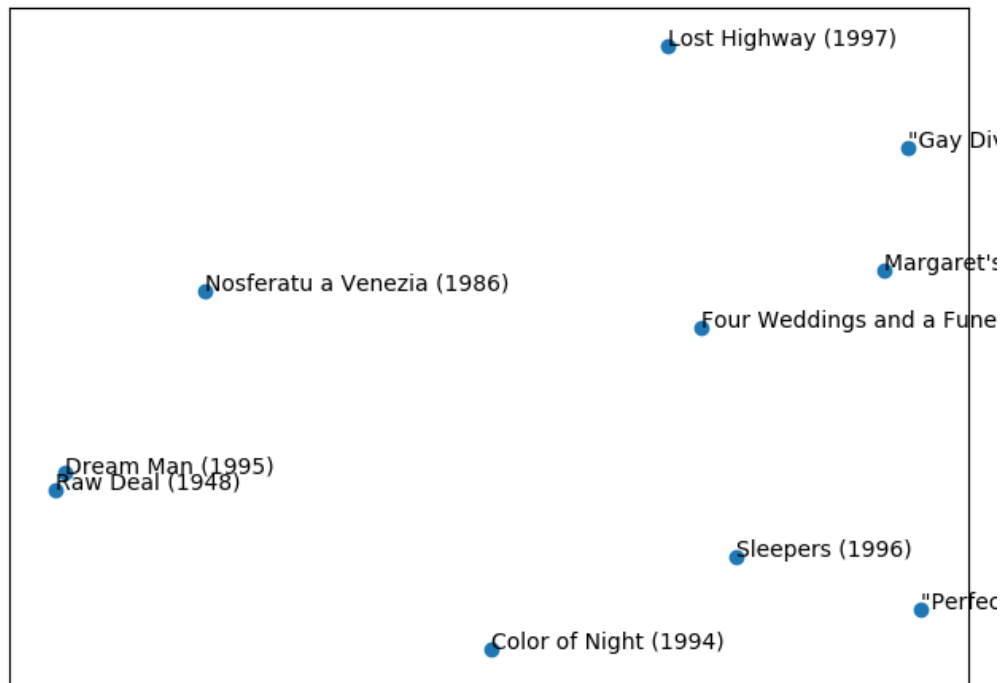

Ratings of Documentaries
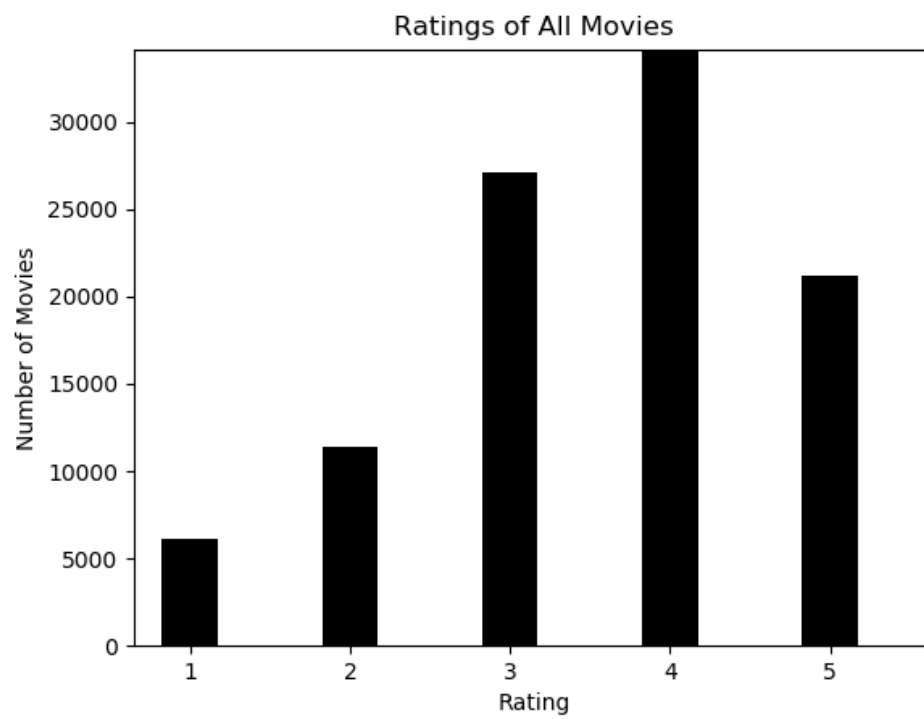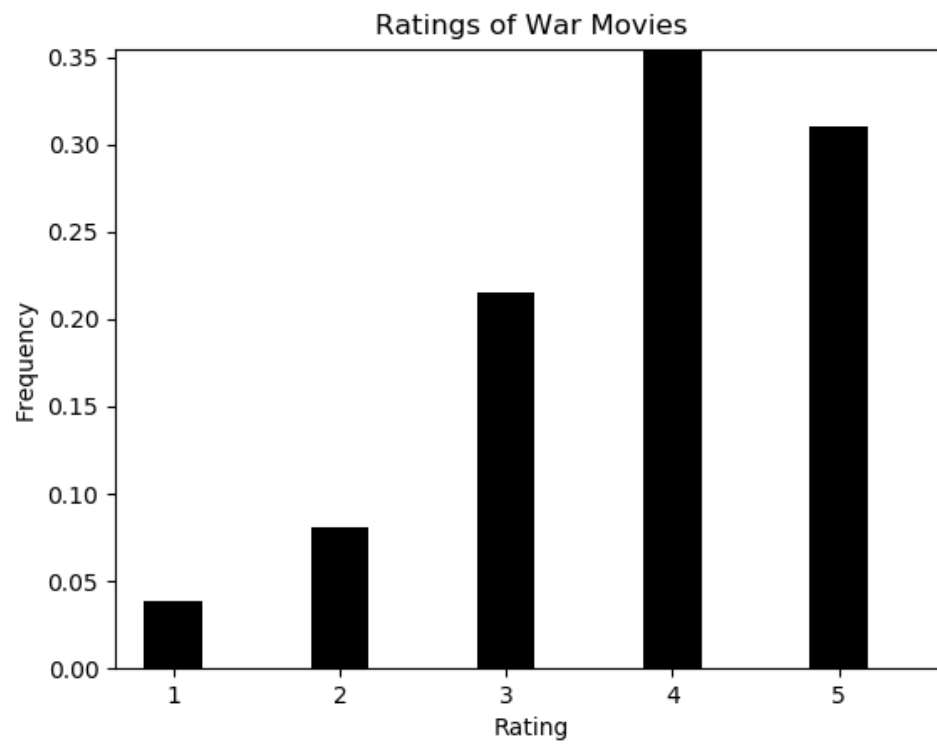
5 Matrix Factorization Visualizations

a. Homework 5 SVD

Basic Predictions of Random Movies

Lost Highway (1997)

"Gay Div

Margaret's

Nosferatu a Venezia (1986)

Four Weddings and a Fune

Dream Man (1995)
Raw Deal (1948)

Sleepers (1996)

"Perfec

Color of Night (1994)

Basic Predictions of Popular Movies

Fargo (1996)

"English Patient, The (1996)"

Contact (1997)
Star Wars (1977)
Toy Story (1995)
Return of the Jedi (1983)

Scream (1996)

Liar Liar (

Air Force One (1997

Indeper

Basic Predictions of Best Movies

Someone Else's America (1

Aiqing wansui (1994)

Marlene Dietrich: Shadow and Light (1996)

"Saint of Fort Washington, The (1993)"   They Made Me a Criminal (1939)

Star Kid (1997)

Prefontaine (1997)

Santa with Muscles (1996)

"Great Day in Harlem, A (1994)"
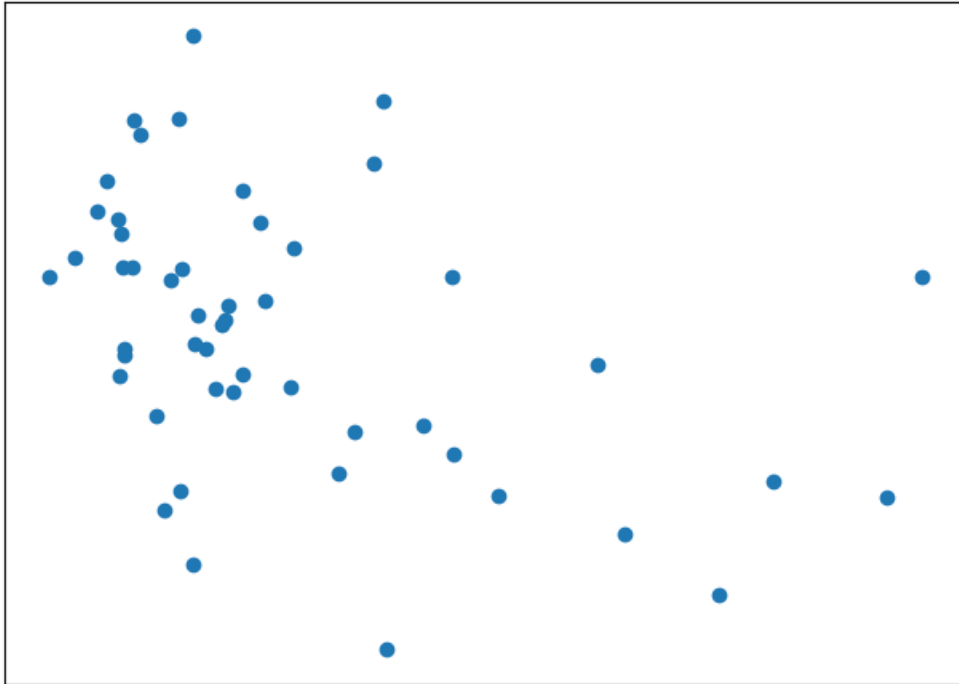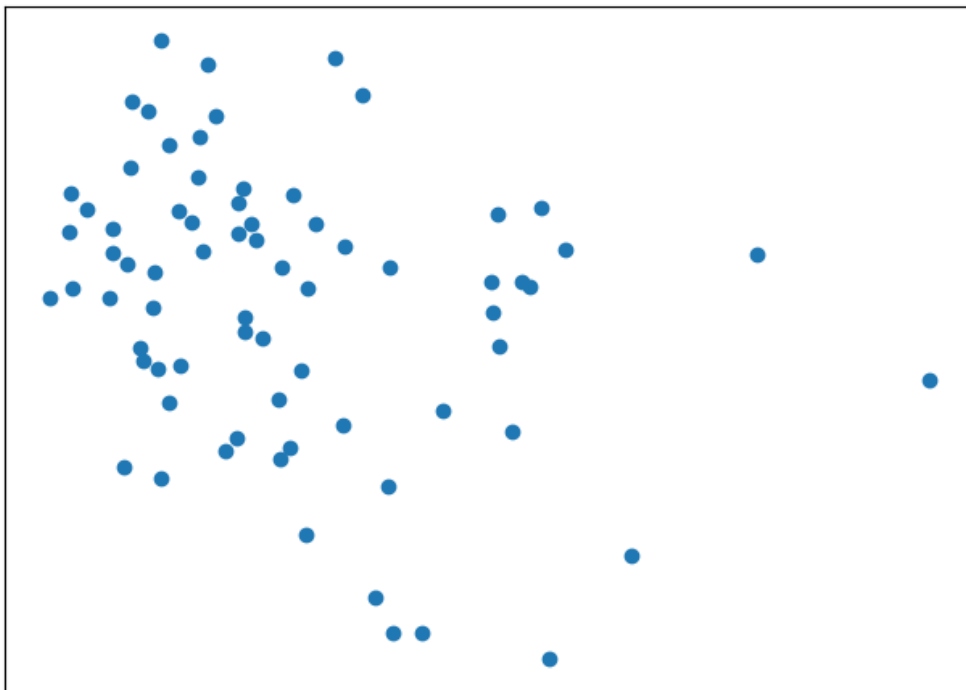
Enterta

Basic Predictions of Adventure Movies
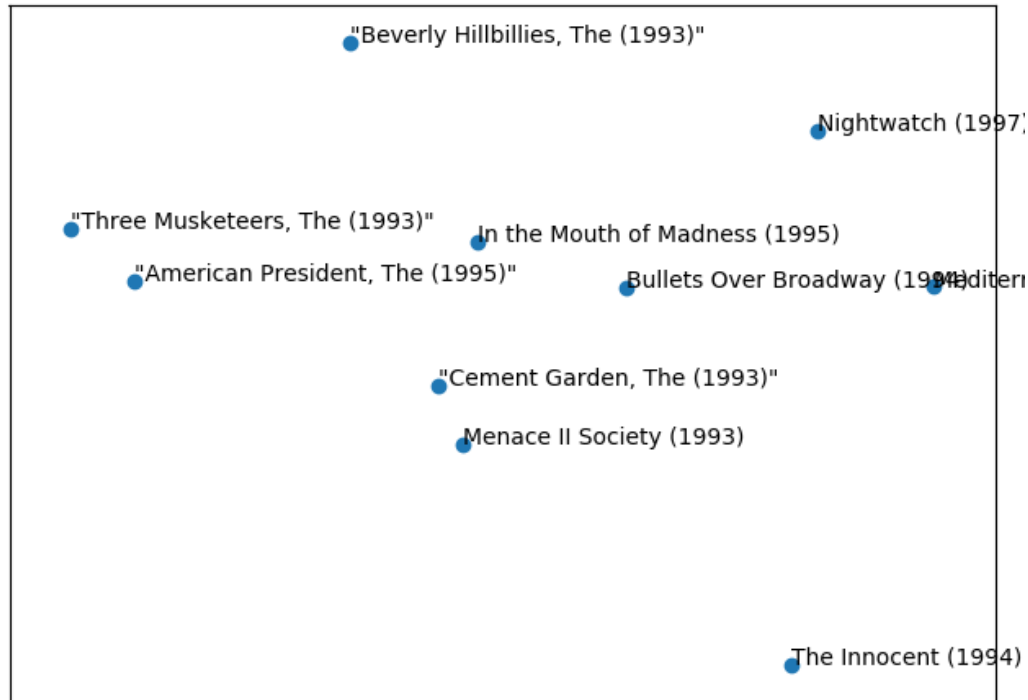
Basic Predictions of Documentaries

Basic Predictions of War Movies

b. Advanced SVD

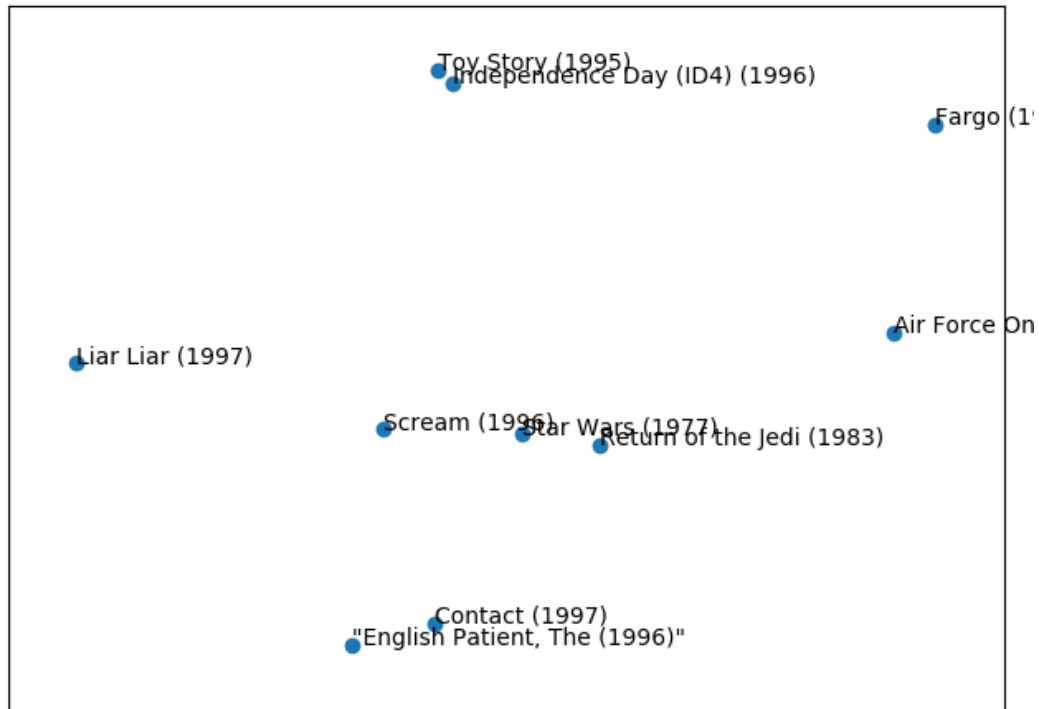### Advanced Predictions of Random Movies

"Beverly Hillbillies, The (1993)"

Nightwatch (1997)

"Three Musketeers, The (1993)"   In the Mouth of Madness (1995)

"American President, The (1995)"   Bullets Over Broadway (1994)   Mediterr

"Cement Garden, The (1993)"

Menace II Society (1993)

The Innocent (1994)

Advanced Predictions of Best Movies

Marlen

Santa with Muscles (1996)

Aiqing wansui

They Made Me a Criminal (1939)

Prefontaine (1997)

Star Kid (1997)   Entertaining Ange

"Saint of Fort Washington, The (1993)"

"Great Day in Harlem, A (1994)"

Someone Else's America (1995)

Advanced Predictions of Popular Movies

Toy Story (1995)
Independence Day (ID4) (1996)
Fargo (1
Air Force On
Liar Liar (1997)
Scream (1996) Star Wars (1977)
Return of the Jedi (1983)
Contact (1997)
"English Patient, The (1996)"

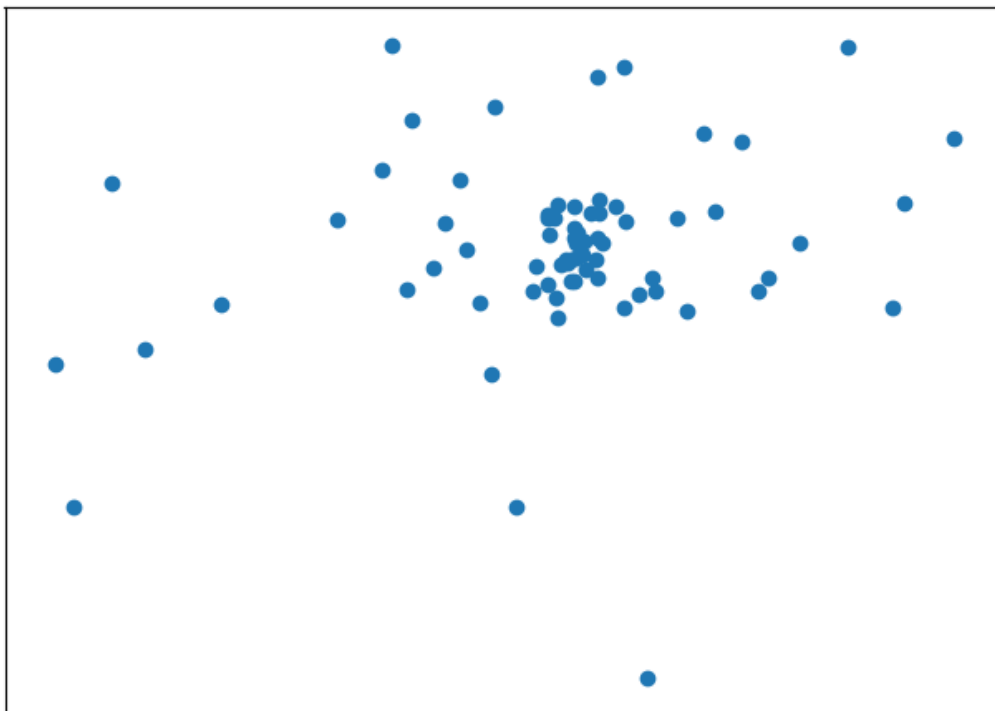## Advanced Predictions of Adventure Movies

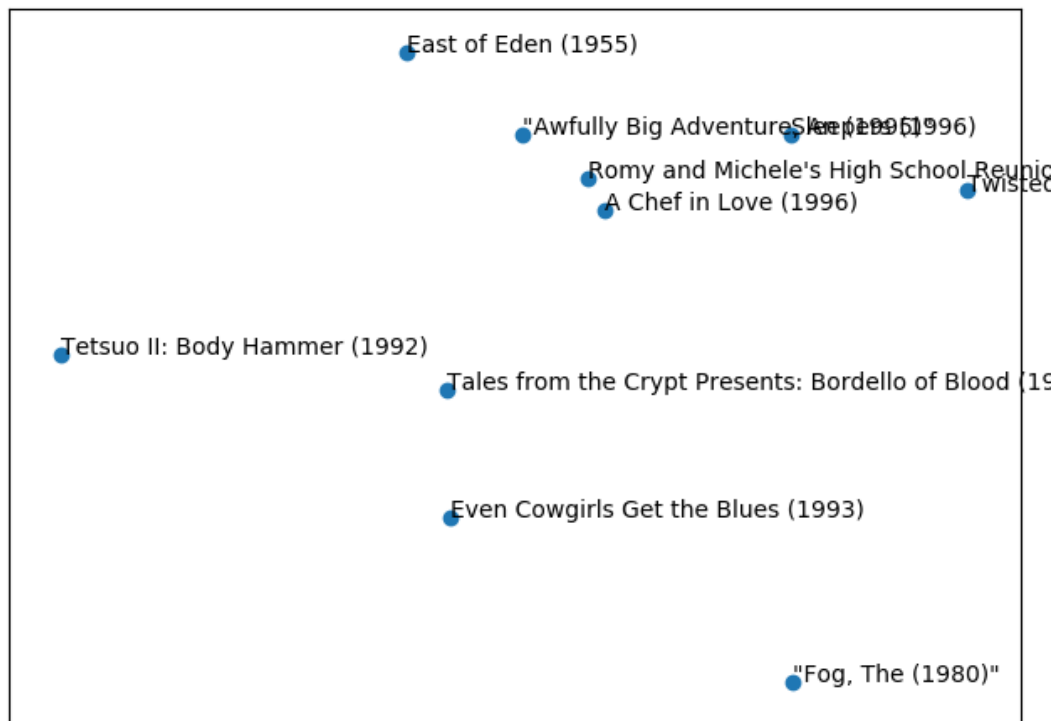## Advanced Predictions of Documentaries
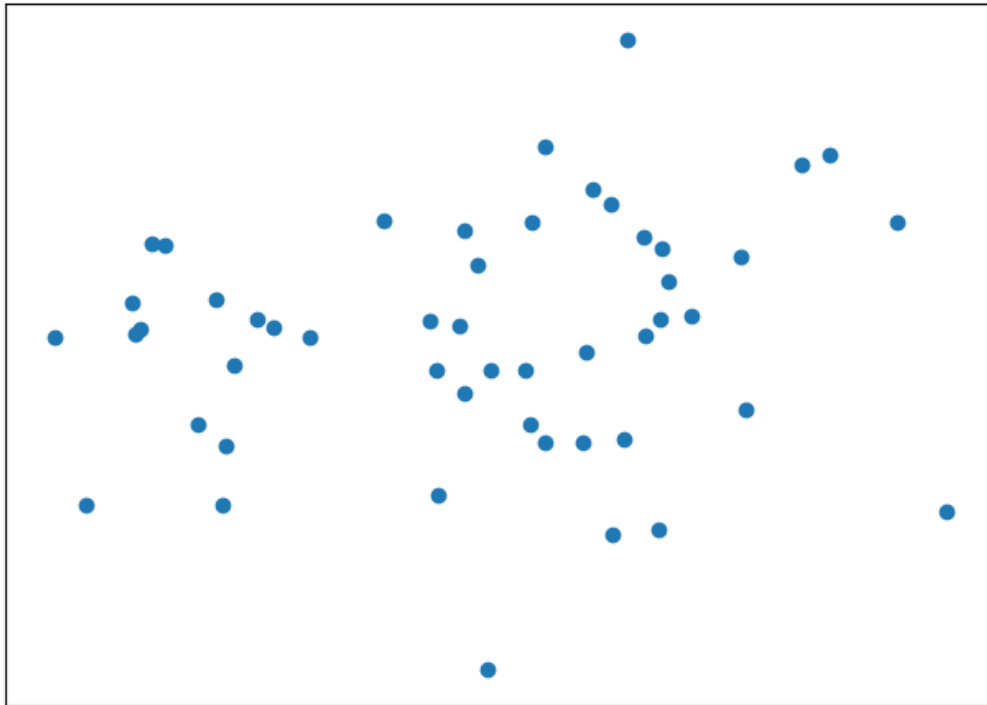
Advanced Predictions of War Movies

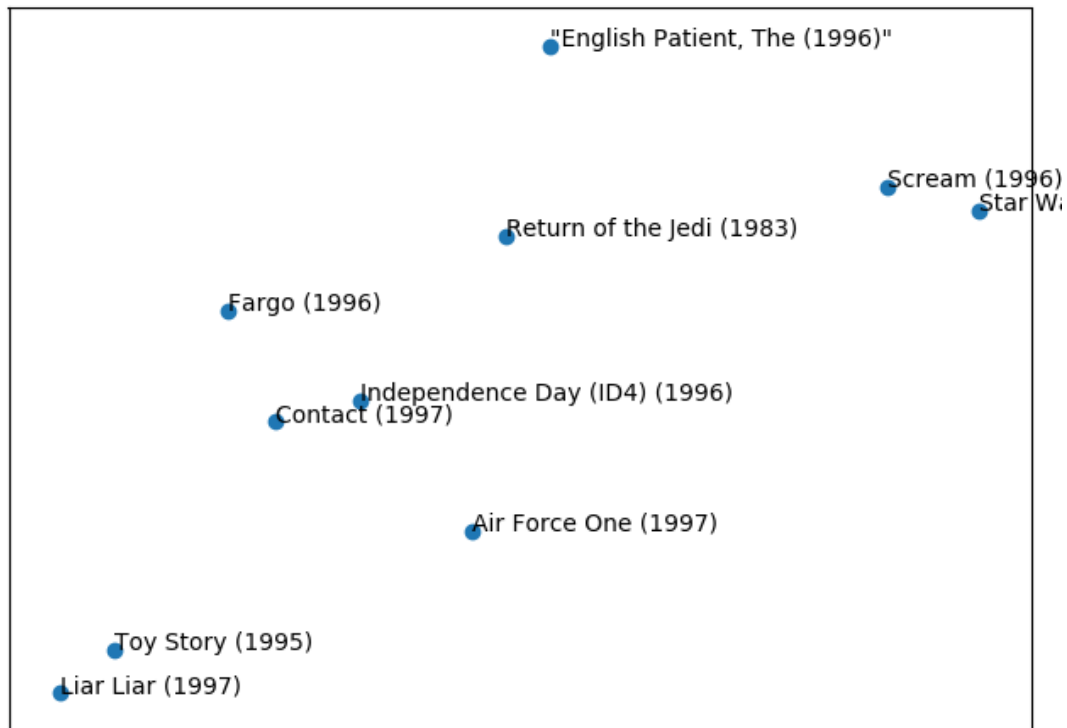c. Off the Shelf Method: The Surprise Package

2D Visualization of Random Movies

East of Eden (1955)

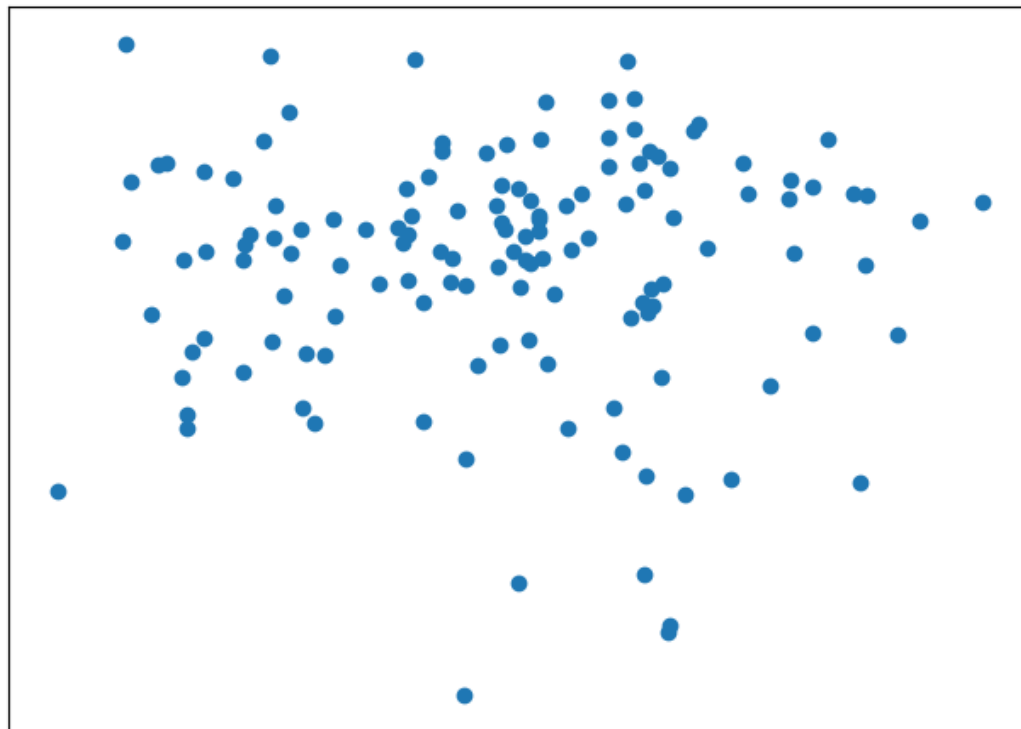"Awfully Big AdventureSleep (1996)996)

Romy and Michele's High School Reunic
Twistec

A Chef in Love (1996)

Tetsuo II: Body Hammer (1992)

Tales from the Crypt Presents: Bordello of Blood (19

Even Cowgirls Get the Blues (1993)

"Fog, The (1980)"

2D Visualization of Ten Best Movies

They Made Me a Criminal (1939)

Someone Else's America (1995)

Star Kid (1997)
Entertaining Angels: The Dorothy Day Story (1996)

Aiqing wansui (1994)

"Great Day in
"Saint of Fort Washington, T
Prefonta

Marlene Dietrich: Shadow and Light (1996)
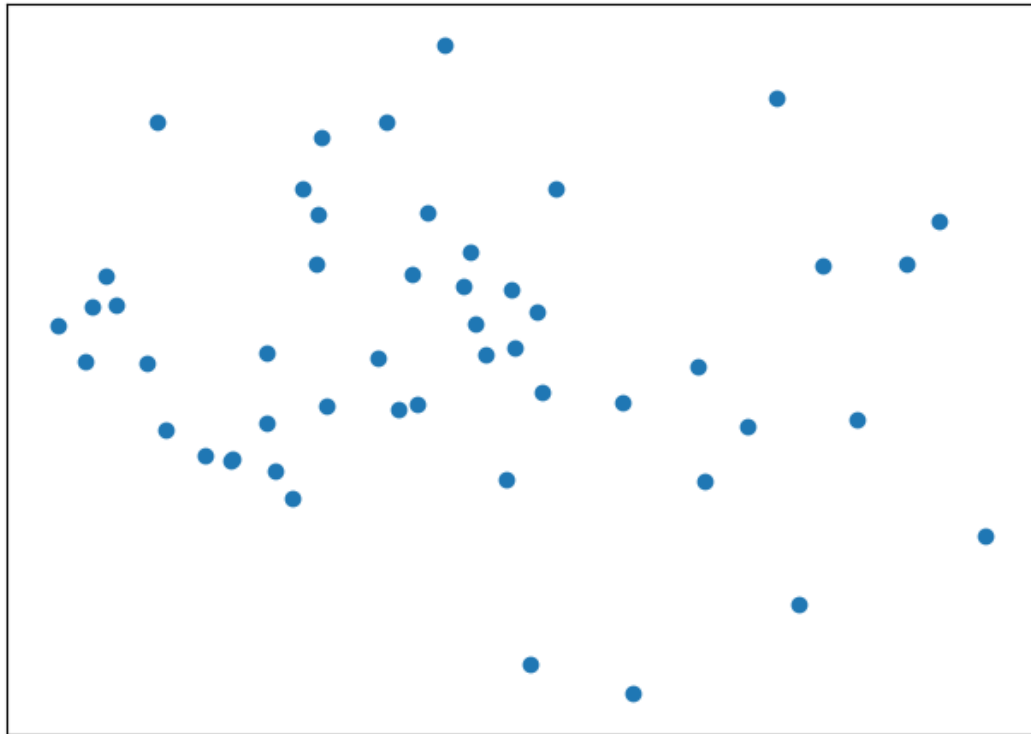
Santa with Muscles (1996)
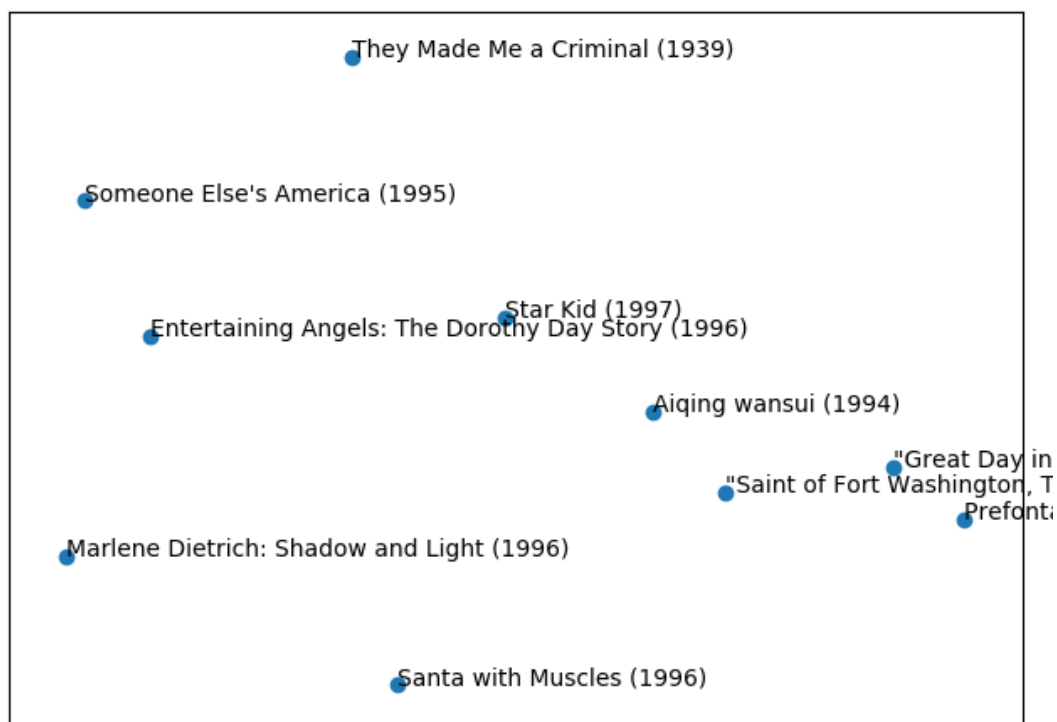
2D Visualization of Ten Most Popular Movies

2D Visualization of Adventure Movies

2D Visualization of Documentaries

2D Visualization of War Movies