BECHDEL TEST

"IT'S REALLY IMPORTANT TO FEEL LIKE THERE'S SOME SENSE OF REPRESENTATION AND SOME SENSE OF ACKNOWLEDGMENT OF YOUR OWN REALITY."

ALISON BECHDEL

TO PASS THE FIRST LEVEL... ... the film must have at least two women in the cast

TO PASS THE SECOND LEVEL... ... the film must have at least a scene in which two women, alone, talk to each other

TO PASS THE THIRD LEVEL... ... at least a conversation between two women must not have a man as the main topic

Alice Brunazzi
Alessando Della Beffa
Lepre Daniele

DATABASE

WHY A RELATIONAL?

- Better **organization**
- Better **efficency**
- Easy to **access**
- Easy to **query**

WHAT ARE THE DATA SOURCES?

* **IMSDB** website for the script
* **IMDB** website for the cast
* **Names-dataset library** used to determine the gender

WHAT ARE THE DATA QUALITY METRICS?

- The data Is **syntactically accurate**
- The data is **complete**
- The data is **not up-to-date**
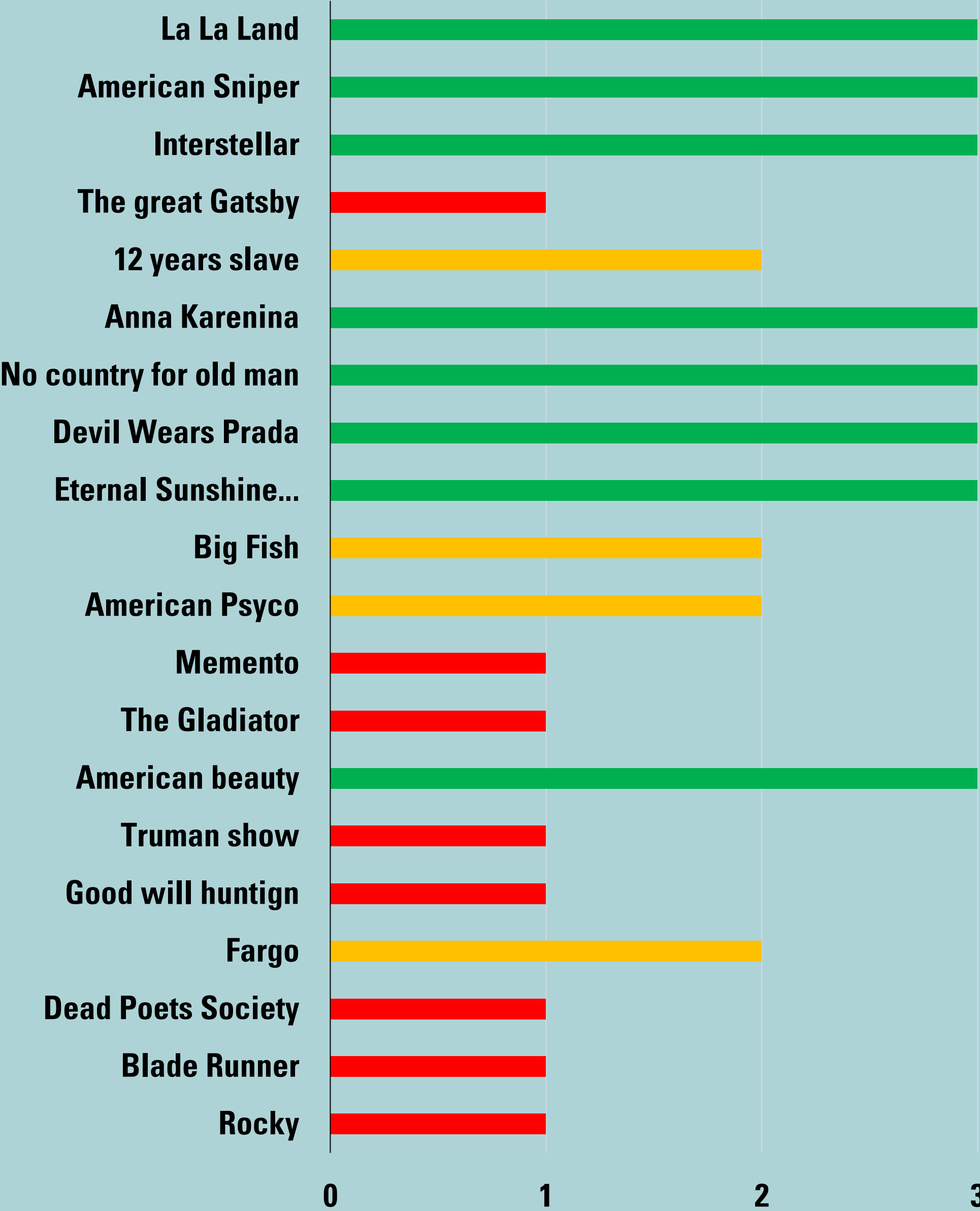- The data is **consistent**
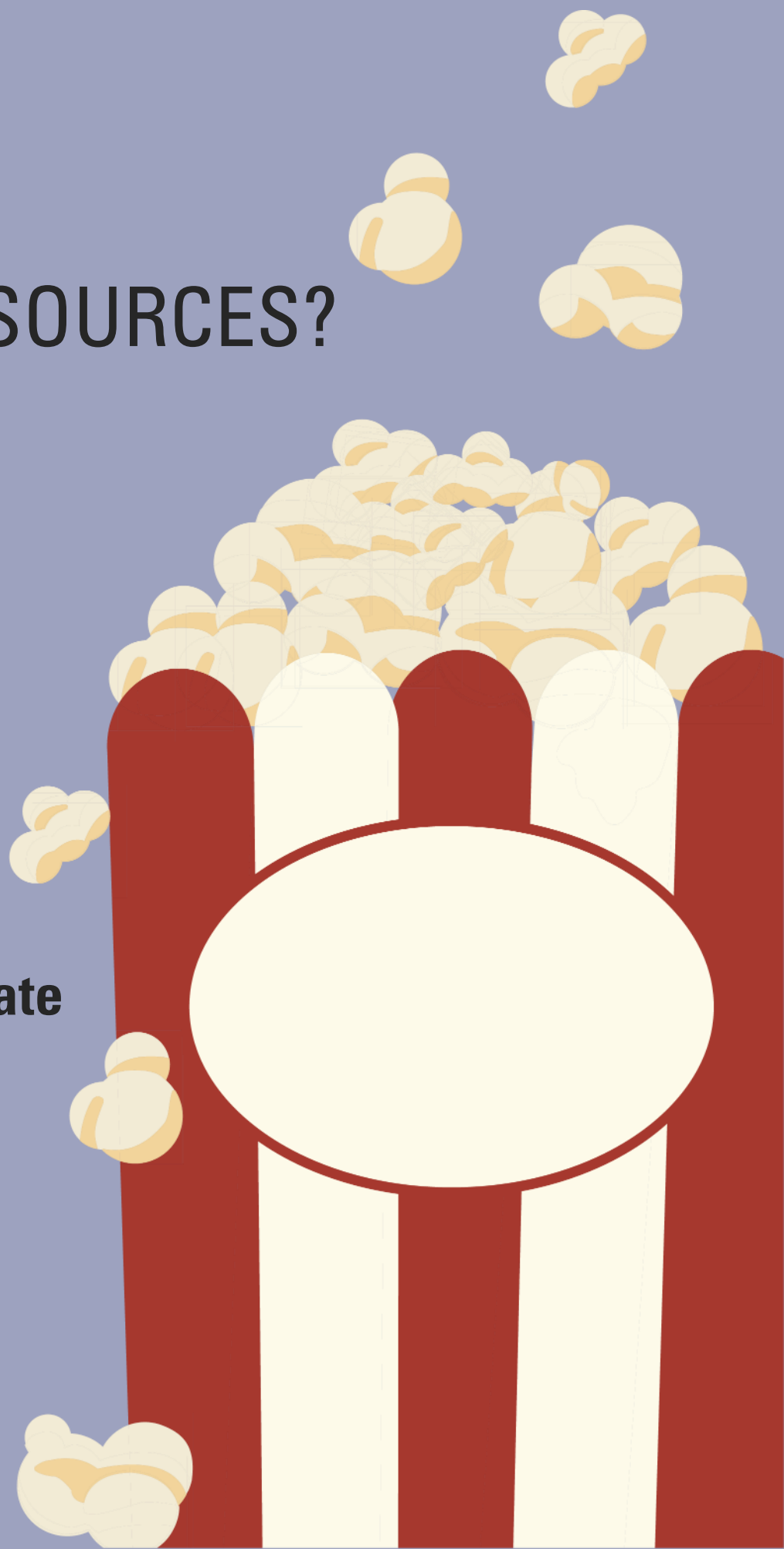
CHOICES

- Analyze only Oscar-nominated films.
- Use only the first name to determine the gender.
- Remove actors with gender NaN.
- Remove actors whose roles start with "The" or "A" or contain "Uncredited."
- Remove punctuation and 's from the roles.
- Split scenes using INT and EXT.
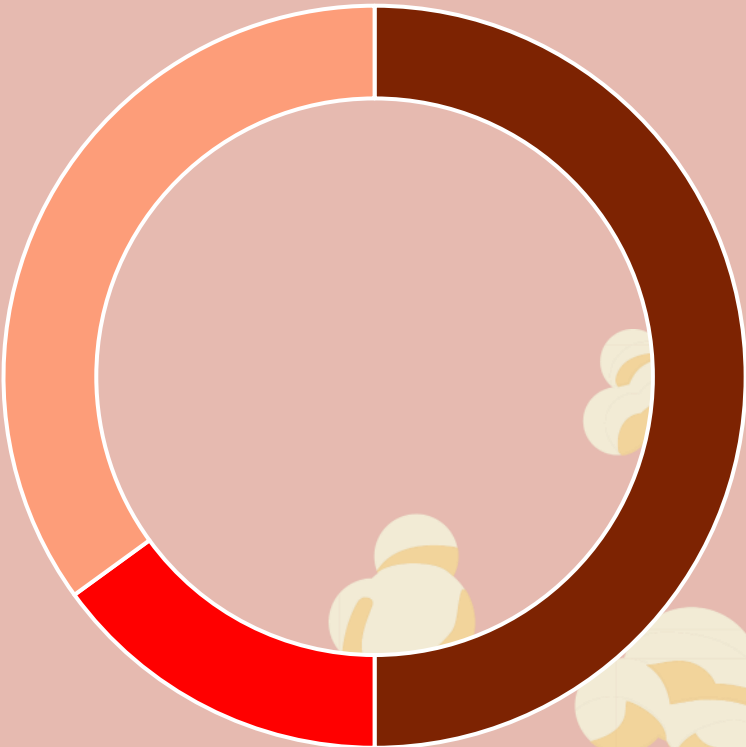- Add keywords to find characters

MOVIES

Movie	Value
La La Land	3
American Sniper	3
Interstellar	3
The great Gatsby	1
12 years slave	2
Anna Karenina	3
No country for old man	3
Devil Wears Prada	3
Eternal Sunshine...	3
Big Fish	2
American Psyco	2
Memento	1
The Gladiator	1
American beauty	3
Truman show	1
Good will huntign	1
Fargo	2
Dead Poets Society	1
Blade Runner	1
Rocky	1

RESULT

FIRST LEVEL

Passed 20

Not passed 0

Percentage **100**%

SECOND LEVEL

Passed 12

Not passed 8

Percentage **60**%

THIRD LEVEL

Passed 8

Not passed 12

Percentage **40**%

■ **1st level**   ■ **2nd level**

■ **3rd level**

ANALYSIS

CAST PROPORTION

Actors Analyzed........................ 876

Men per movie·······················31,1 (622)

Women per movie....................... 12,7 (254)
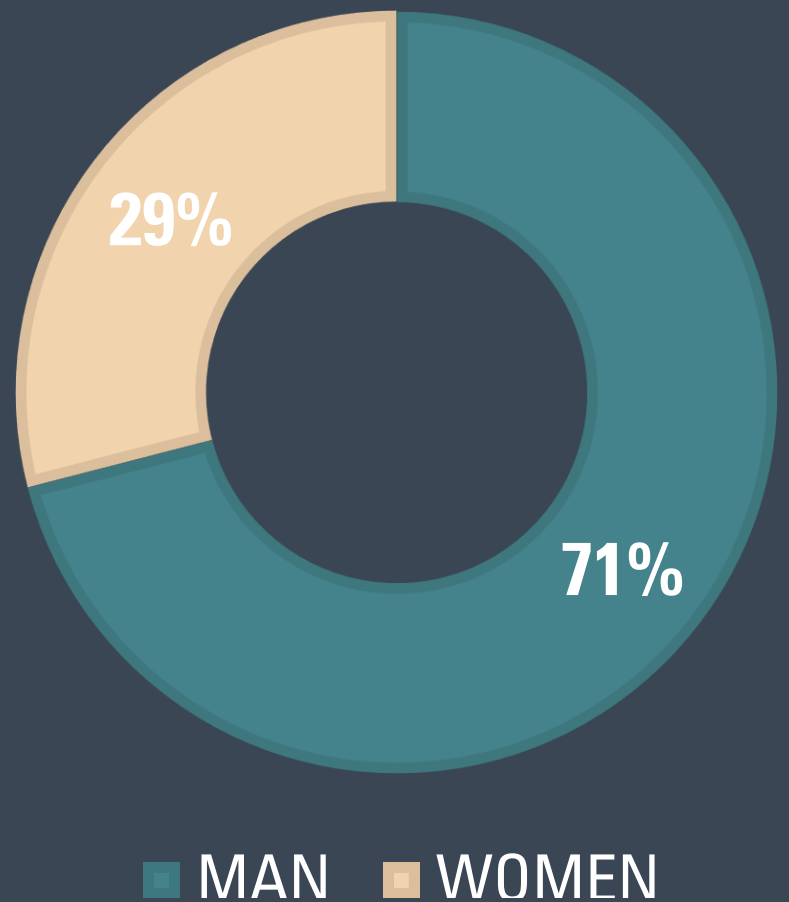
Men are **2.5** times more numerous than women in film casts

29%

71%

■ MAN ■ WOMEN

IN SCENE PROPORTION

Woman in scene....................... 3228

Man in scene 1492
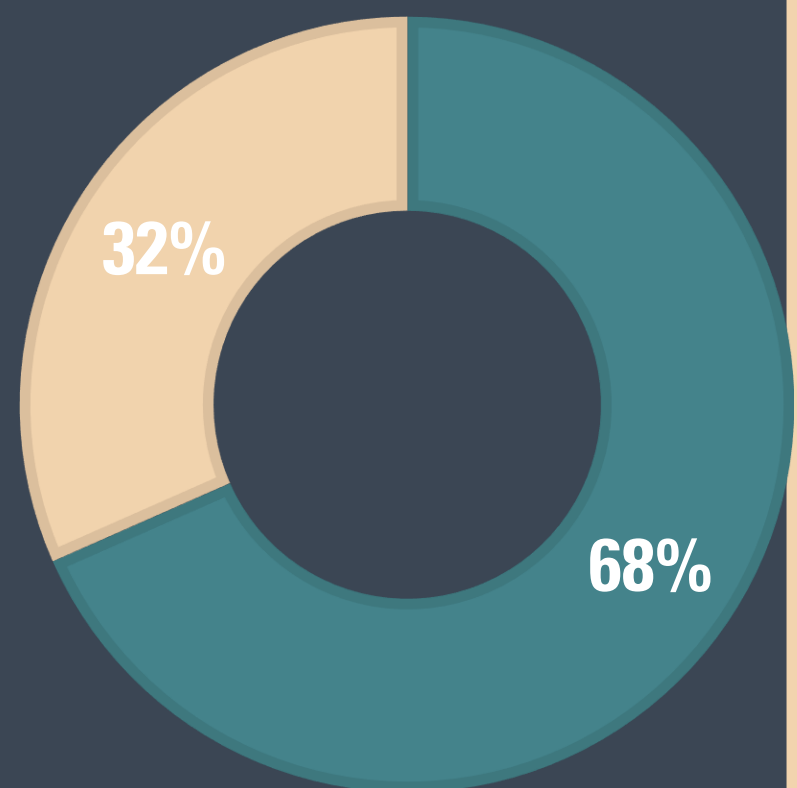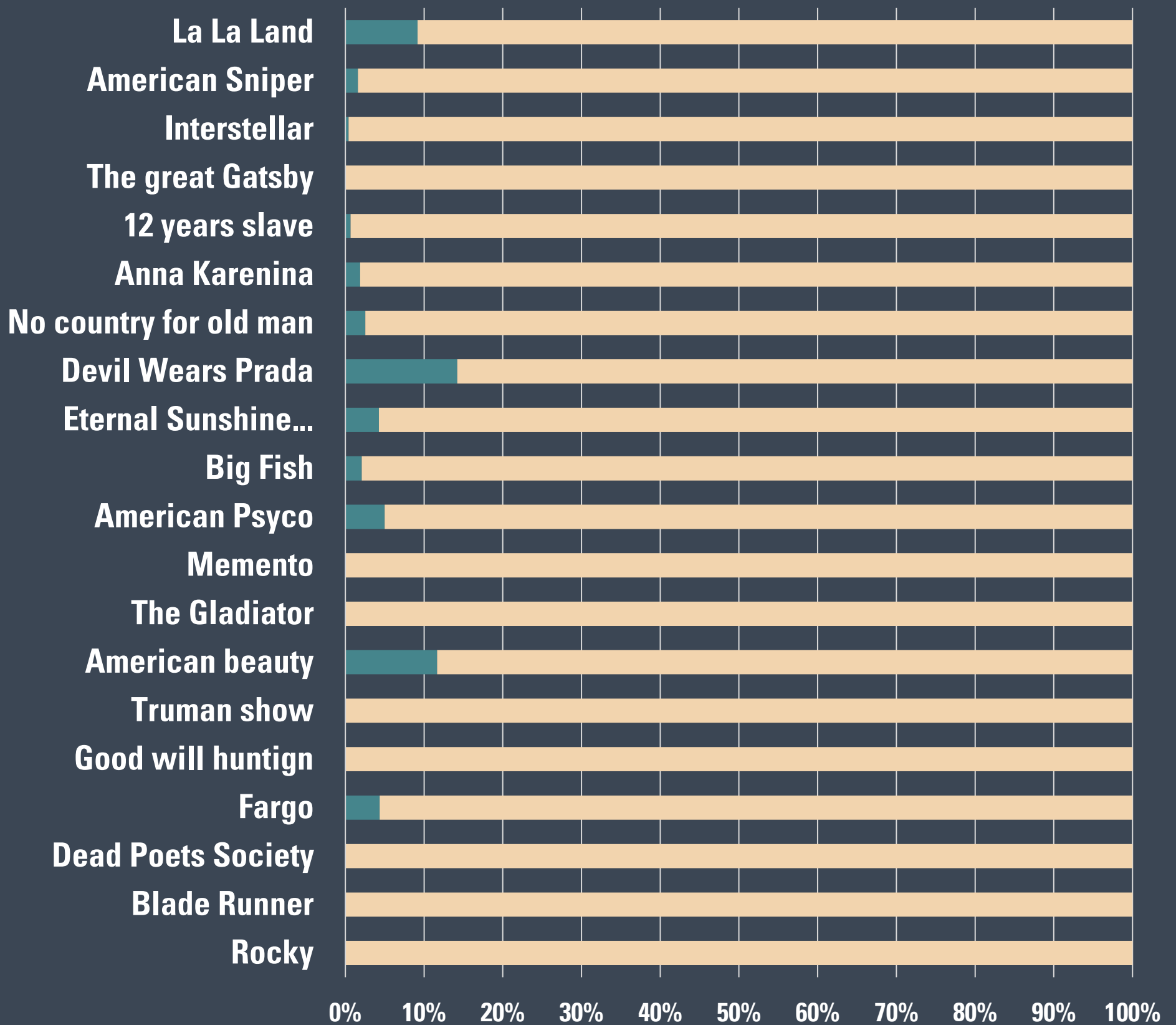
Men are in scene **2,1** times as often as women in the film

32%

68%

■ MAN ■ WOMEN
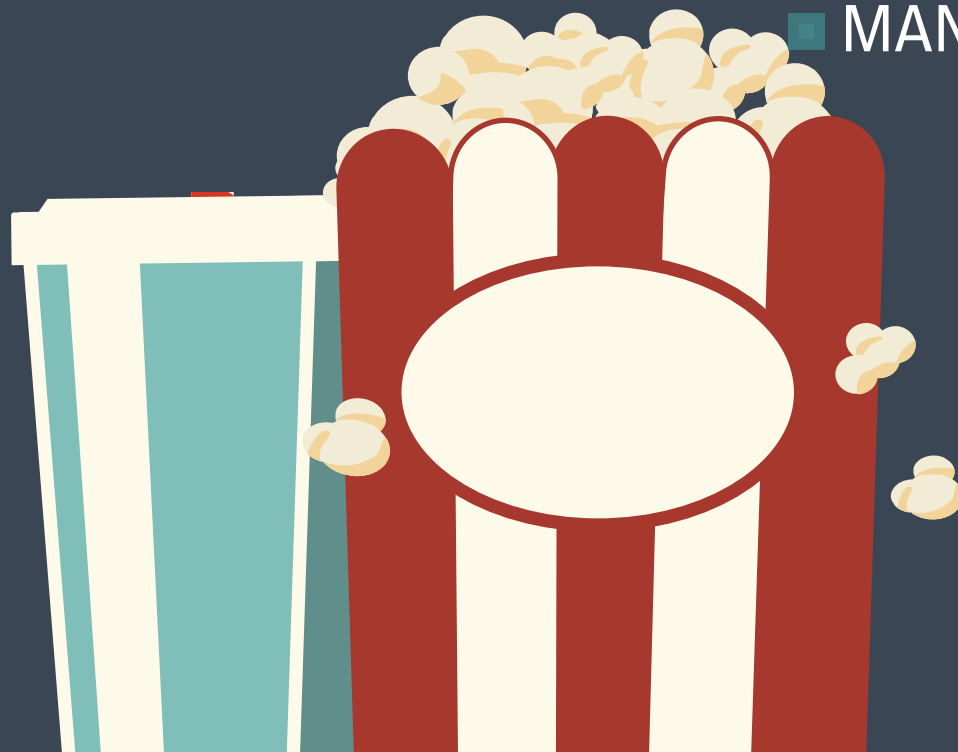
ANALYSIS

BECHDEL-FRIENDLY SCENES

Movie	Chart
La La Land	
American Sniper	
Interstellar	
The great Gatsby	
12 years slave	
Anna Karenina	
No country for old man	
Devil Wears Prada	
Eternal Sunshine...	
Big Fish	
American Psyco	
Memento	
The Gladiator	
American beauty	
Truman show	
Good will huntign	
Fargo	
Dead Poets Society	
Blade Runner	
Rocky	

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
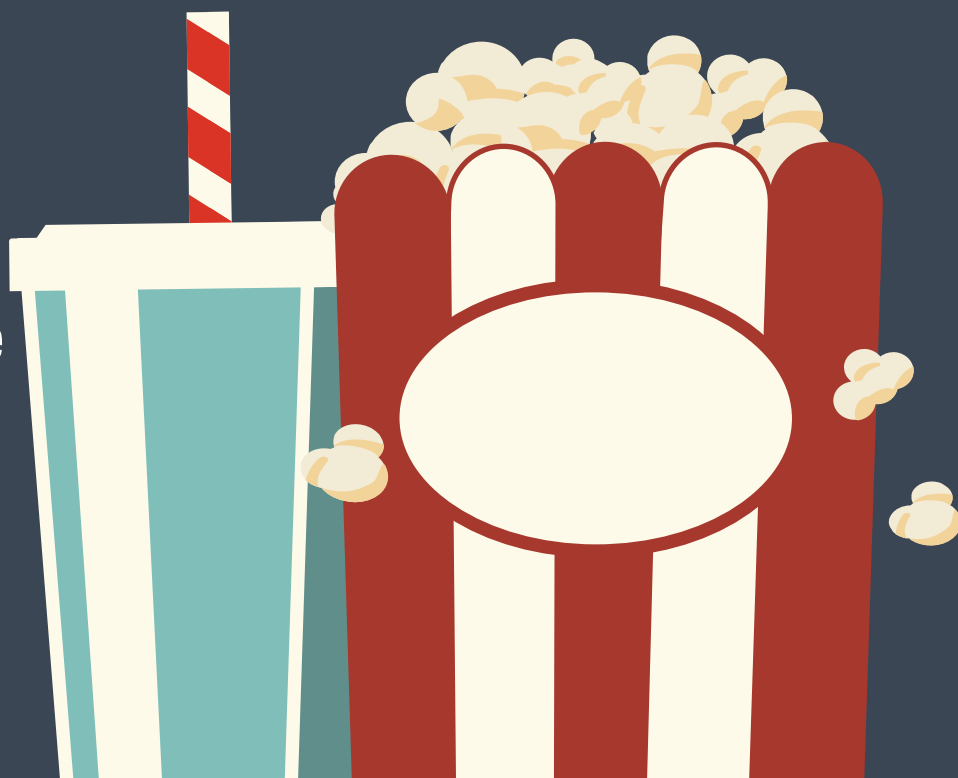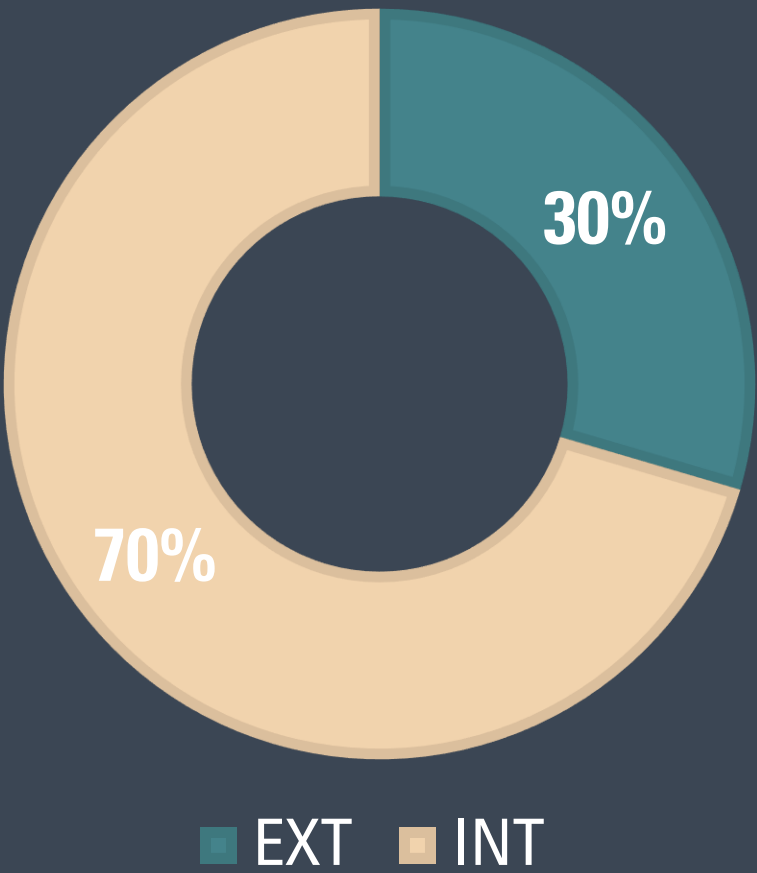
■ Pass Bechdel test

□ Doesn't pass the test

ANALYSIS

PLACE ANALYSIS

Total	44
EXT	13
INT	31

The scenes where the test passes Level 3 are **2.38** times more likely to be in an INT location.

30%

70%

■ EXT ■ INT

SCENE WITH MAN NOMINATED

Total scene	3012
Man nominated	2319
Man not nominated	693

Man is nomitad or is the topic **77%** of the times

23%

77%

■ man
■ not man
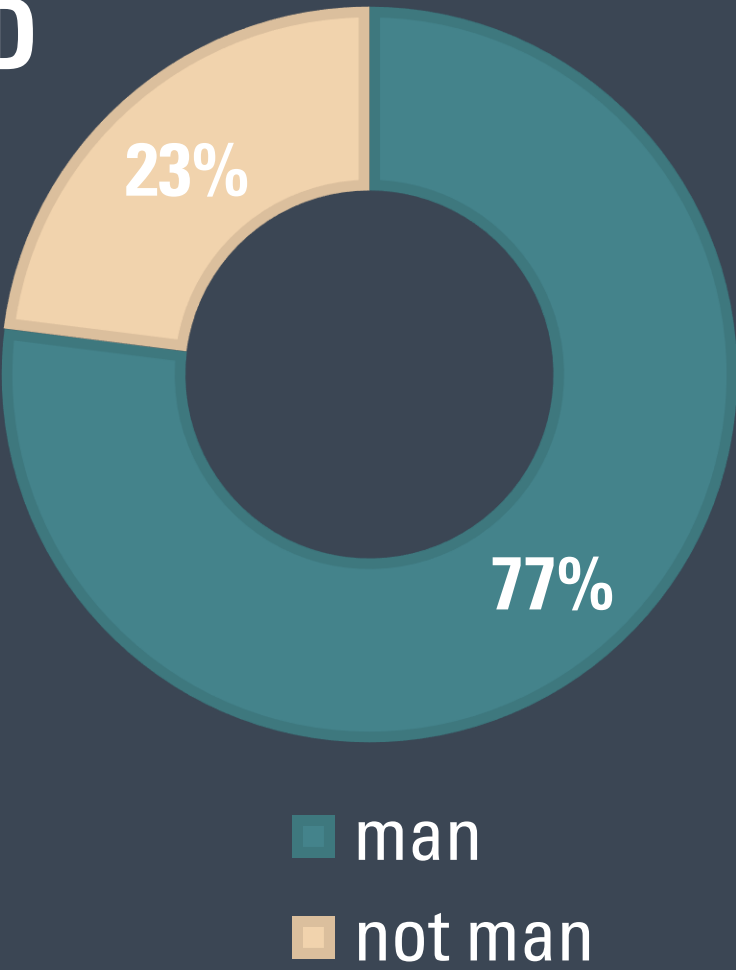
ACCURACY

13/20   **But** there are some difference and conflicting opinions