



# 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  
Alessandro Della Beffa  
Lepre Daniele

# DATABASE

## WHY A RELATIONAL?

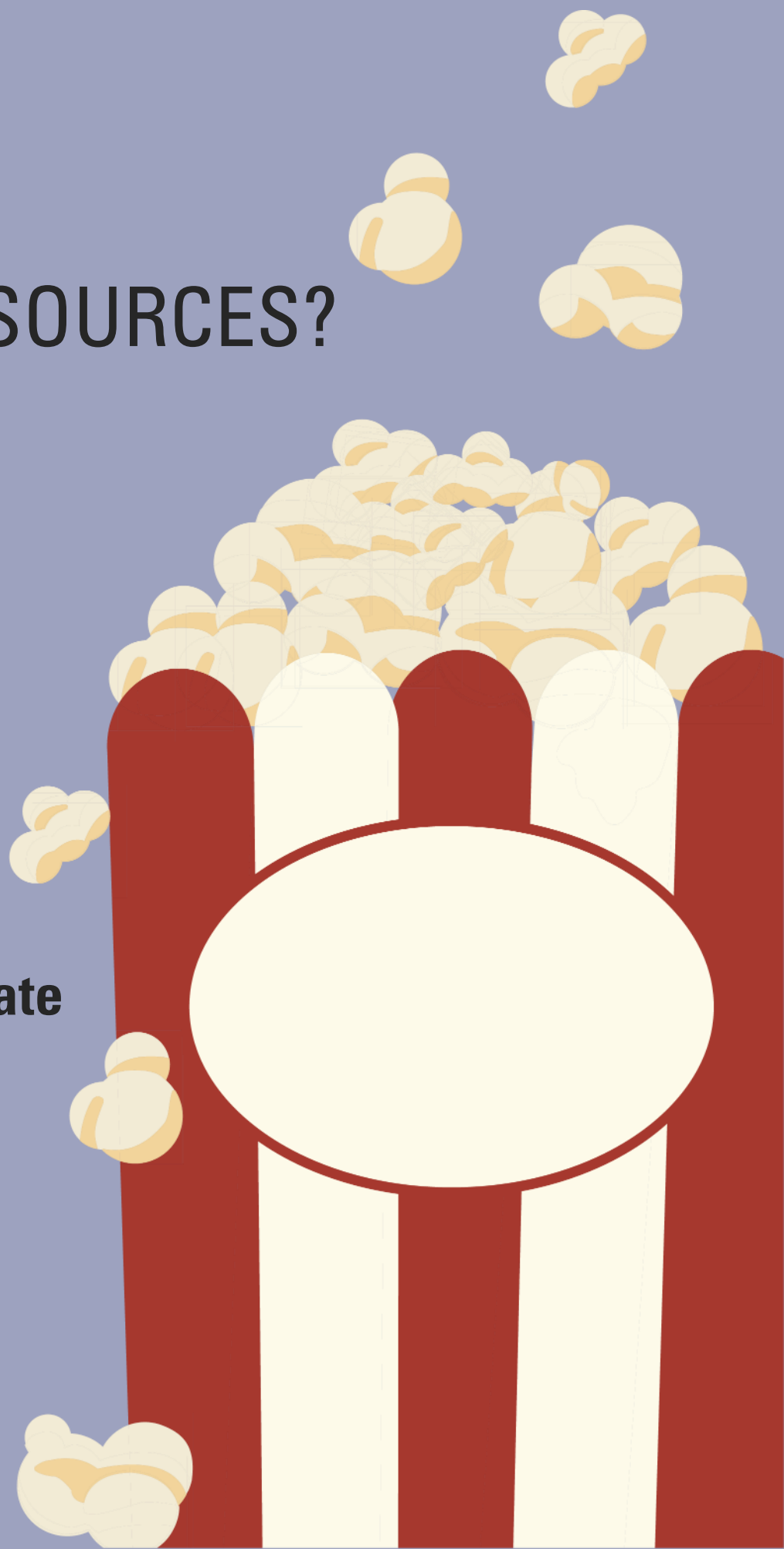
- Better **organization**
- Better **efficiency**
- Easy to **access**
- Easy to **query**

## 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



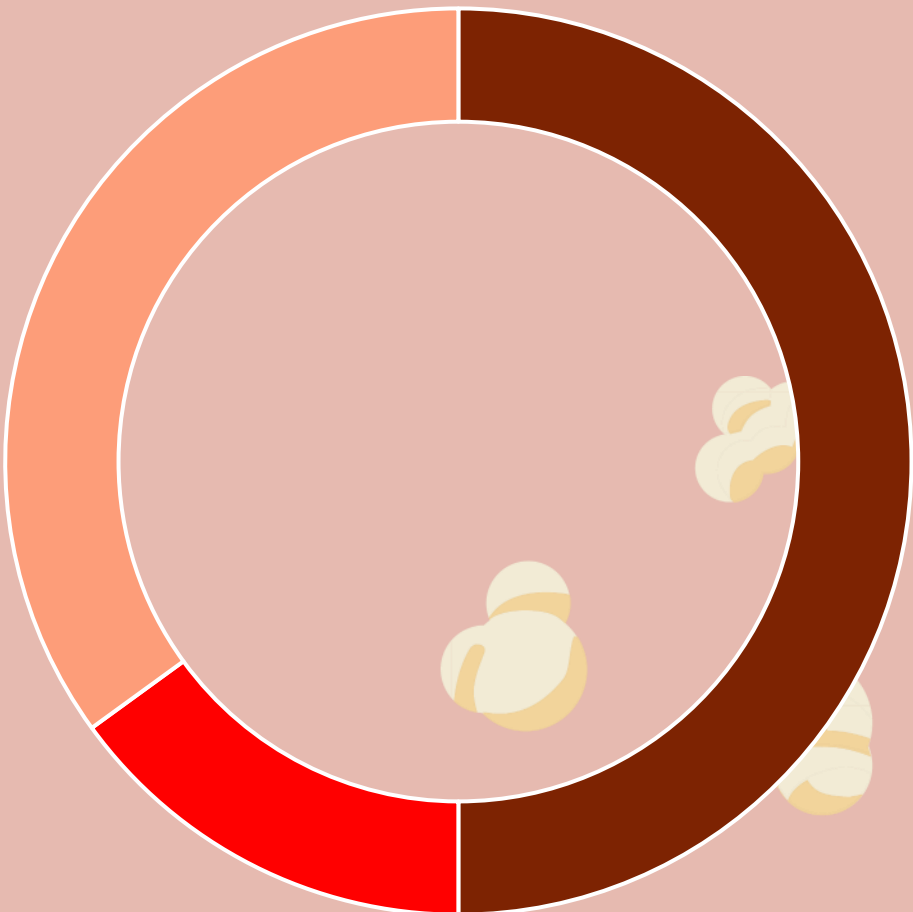
MOVIES



RESULT

FIRST LEVEL

Passed	.....	20
Not passed	.....	0
Percentage	.....	100%



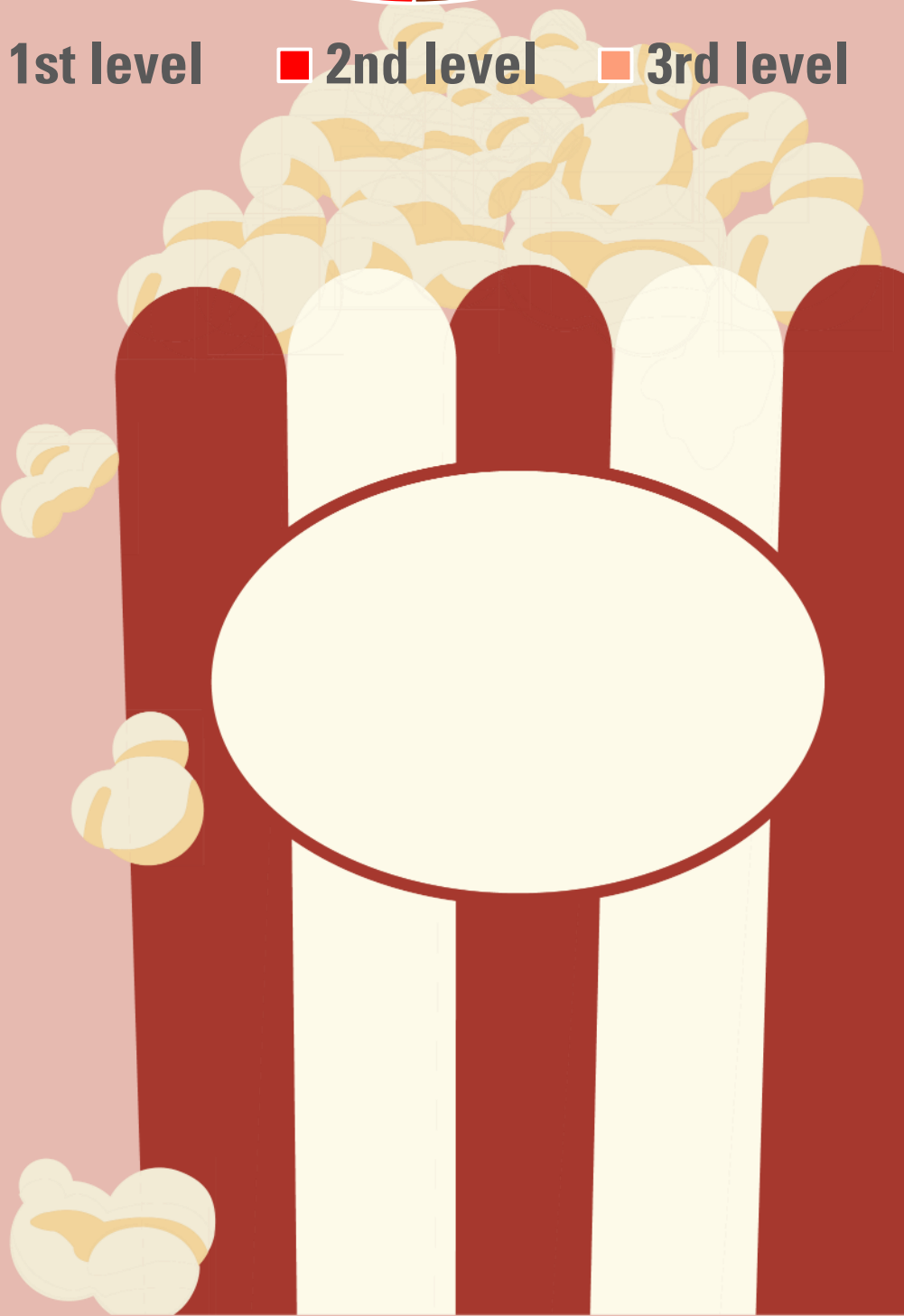
SECOND LEVEL

Passed	.....	12
Not passed	.....	8
Percentage	.....	60%

1st level 2nd level 3rd level

THIRD LEVEL

Passed	.....	8
Not passed	.....	12
Percentage	.....	40%



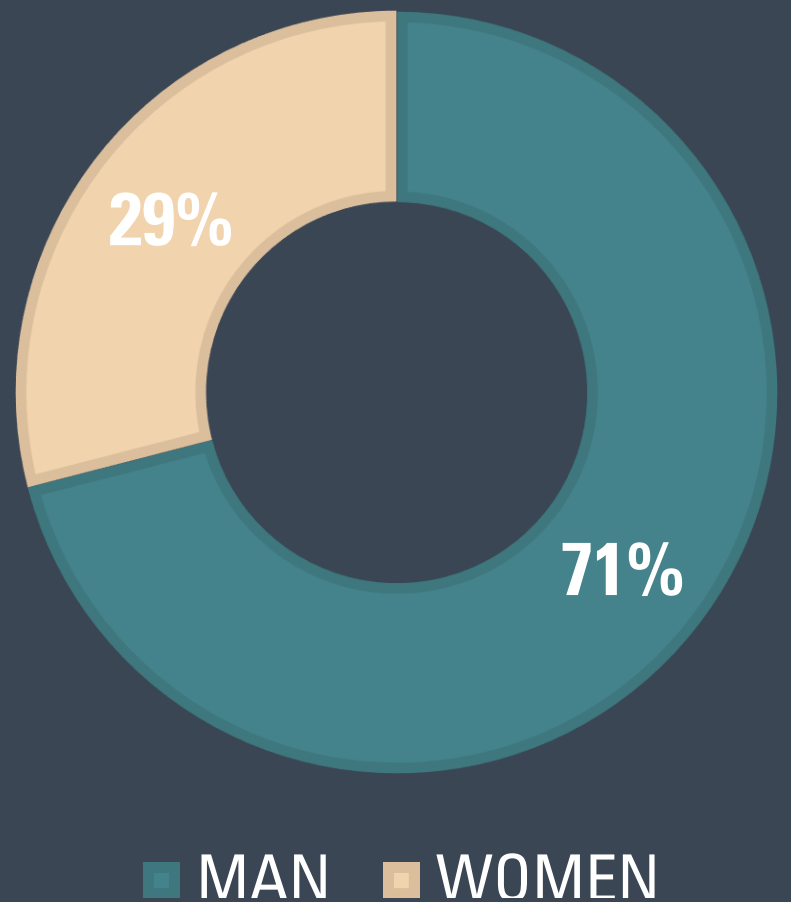
# ANALYSIS

## CAST PROPORTION

Actors Analyzed..... 876

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

Women per movie..... 12,7 (254)

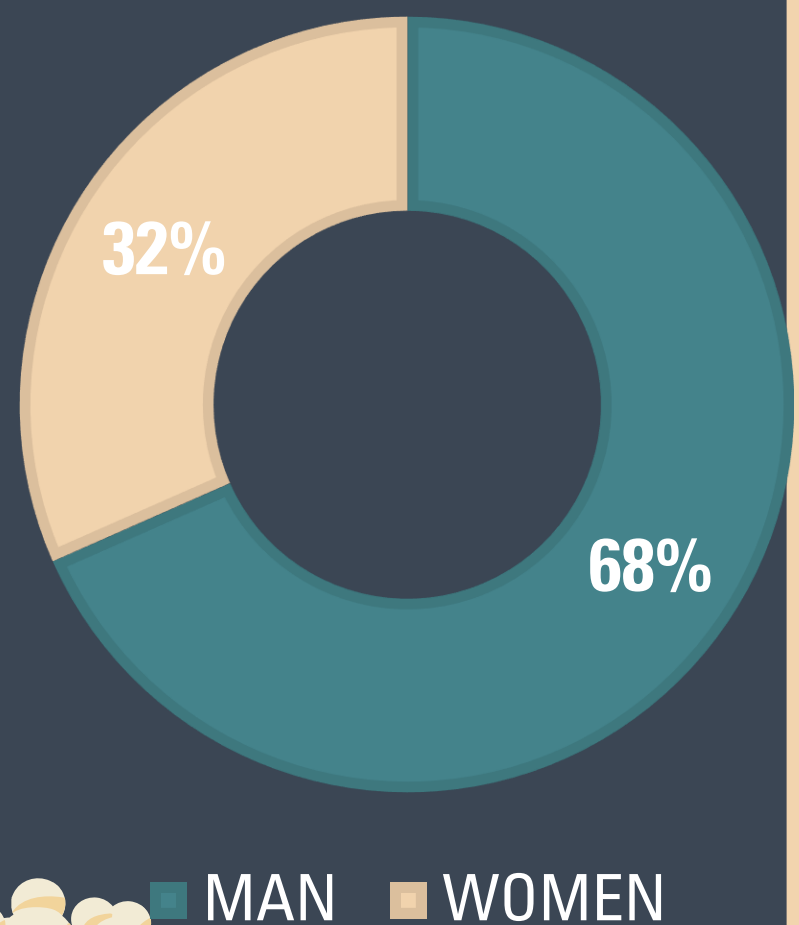


Men are **2.5** times more numerous than women in film casts

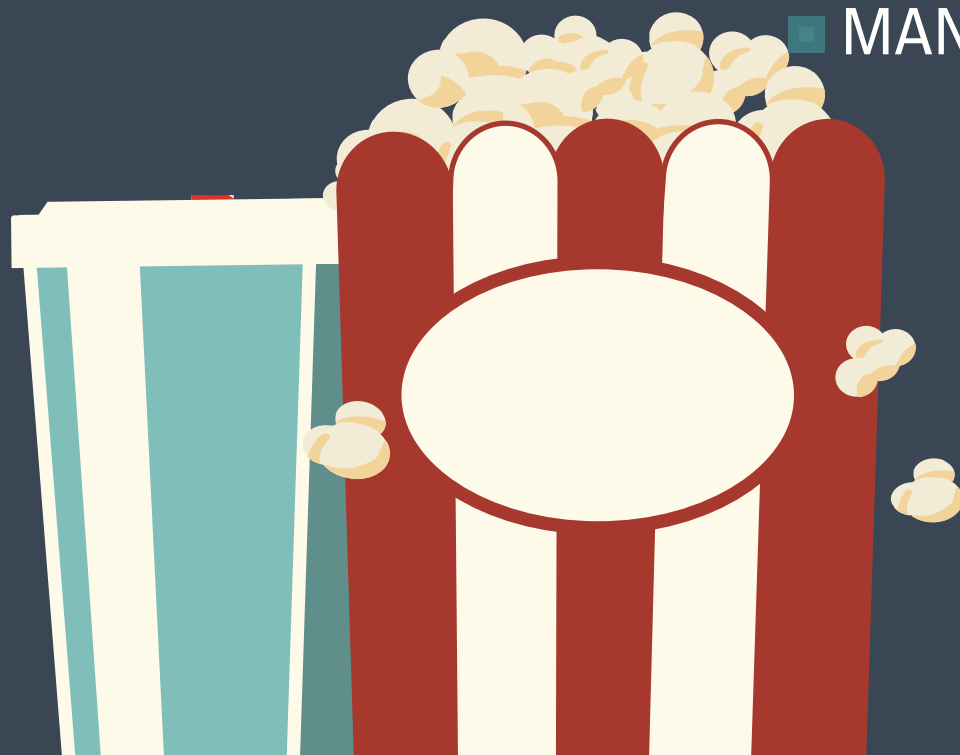
## IN SCENE PROPORTION

Woman in scene..... 3228

Man in scene ..... 1492

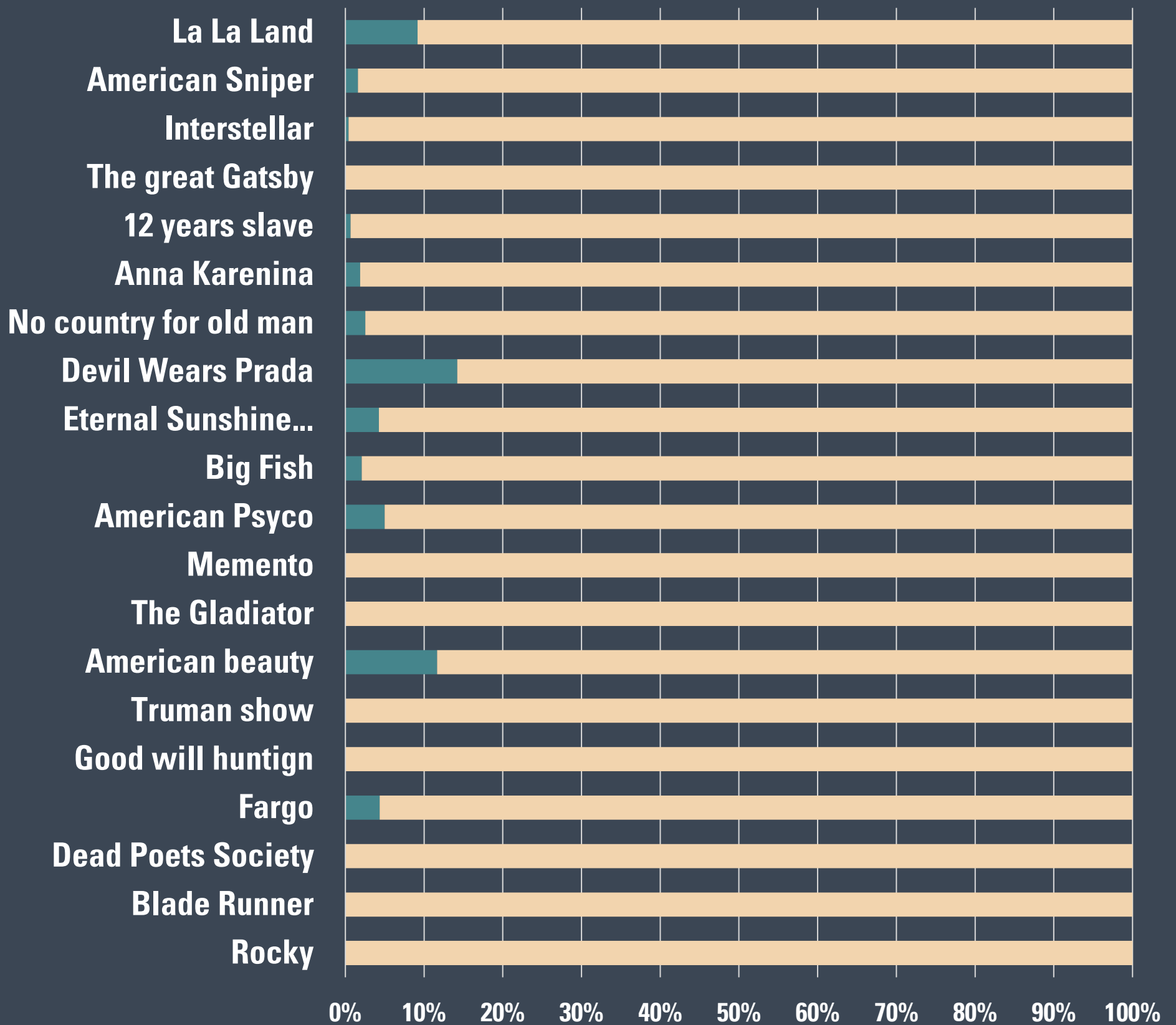


Men are in scene **2,1** times as often as women in the film



# ANALYSIS

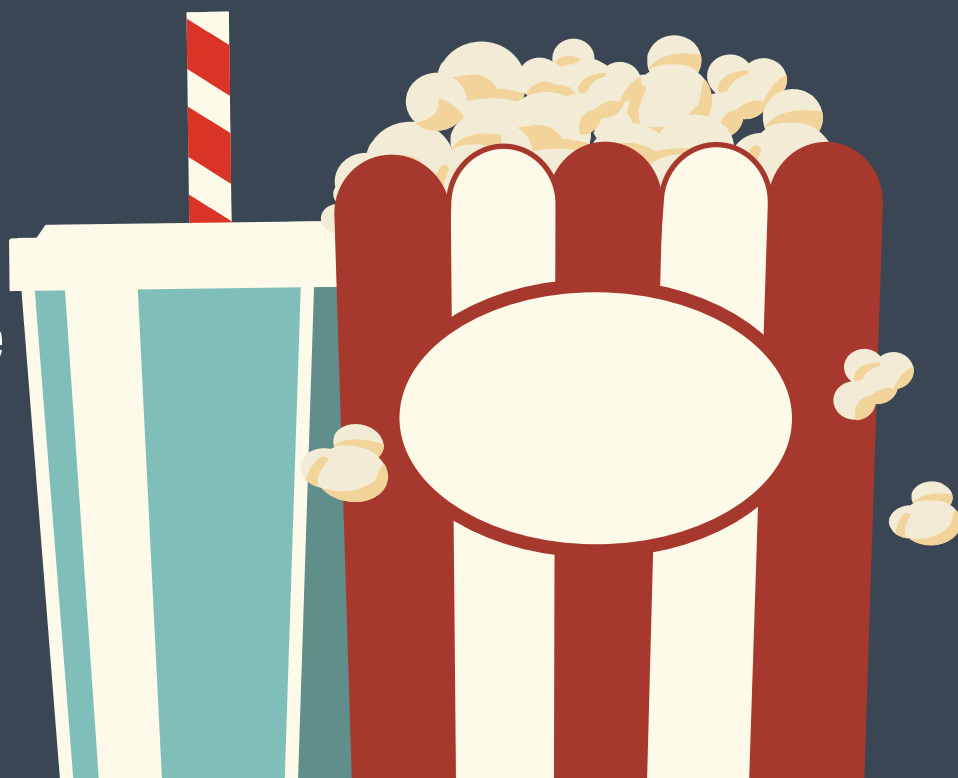
## BECHDEL-FRIENDLY SCENES



Pass Bechdel  
test



Doesn't pass the  
test

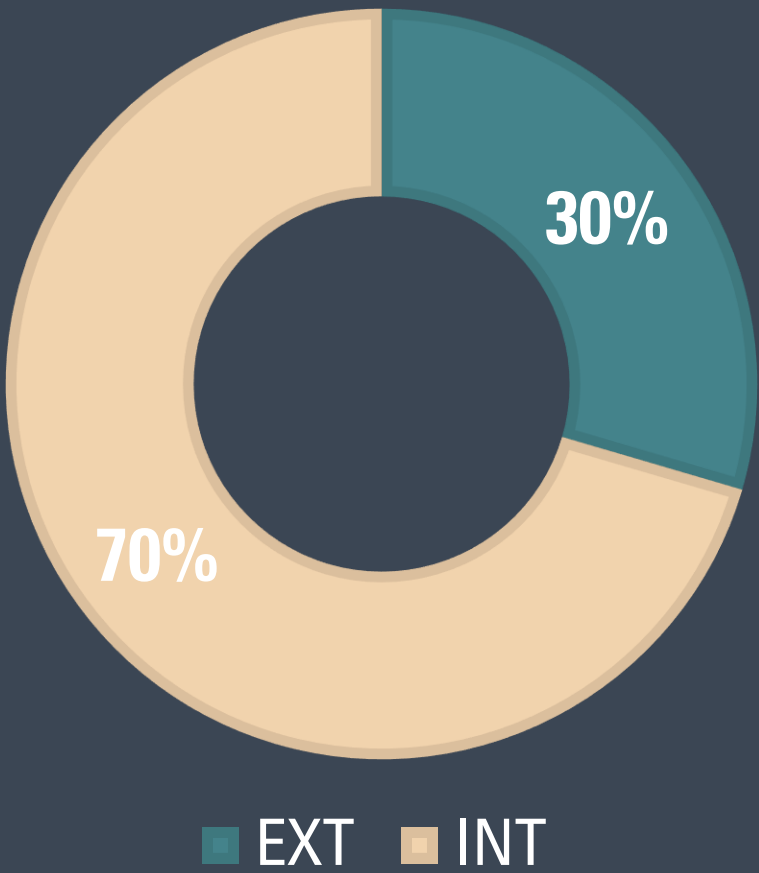


# ANALYSIS

## PLACE ANALYSIS

Total	.....	44
EXT	.....	13
INT	.....	31

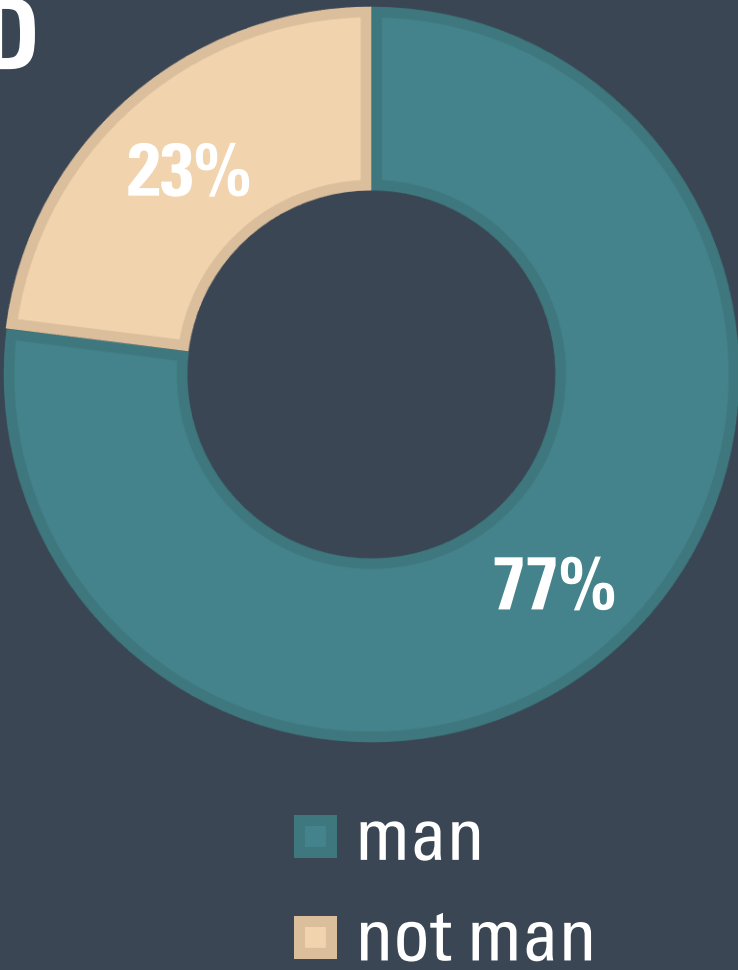
The scenes where the test passes Level 3 are **2.38** times more likely to be in an INT location.



## 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



## ACCURACY

**13/20**

**But** there are some difference and conflicting opinions