

El Desco presenta

TIFF  
OFFICIAL SELECTION

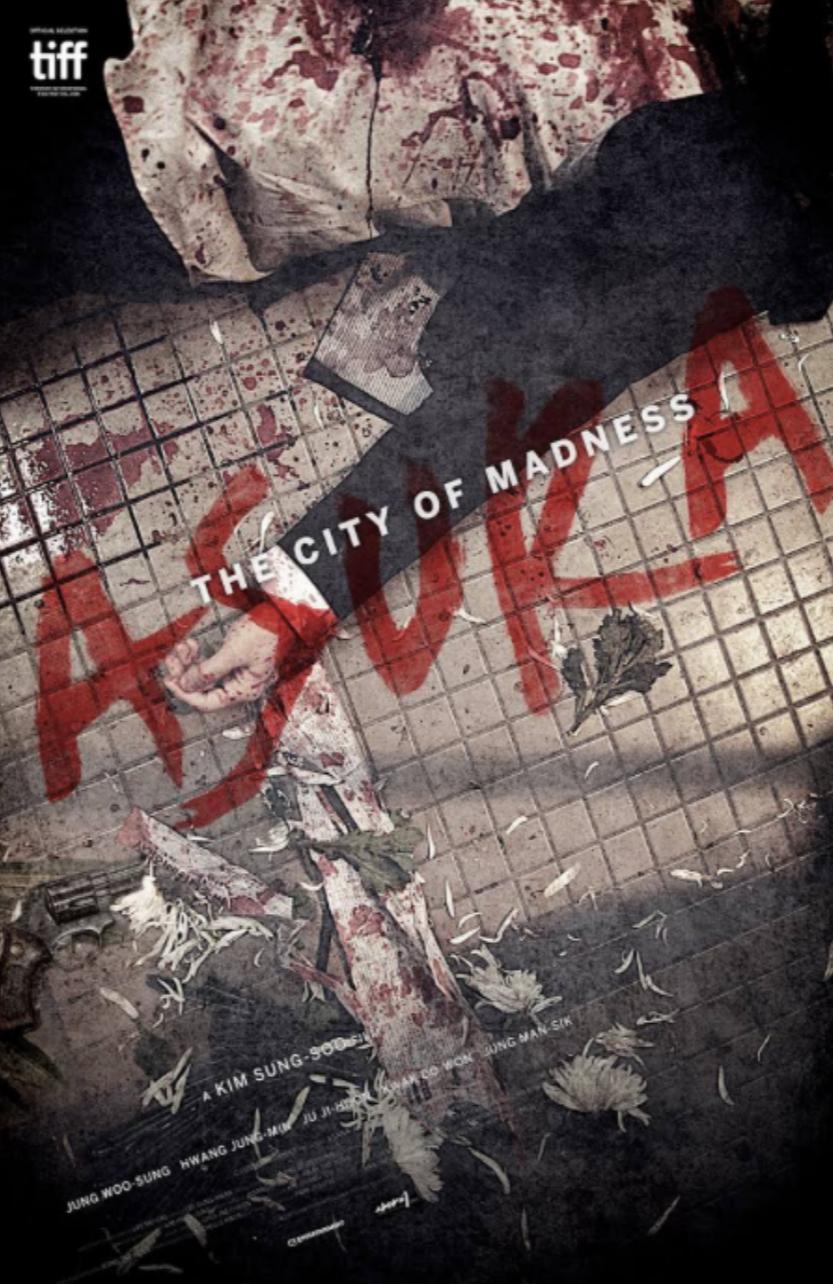
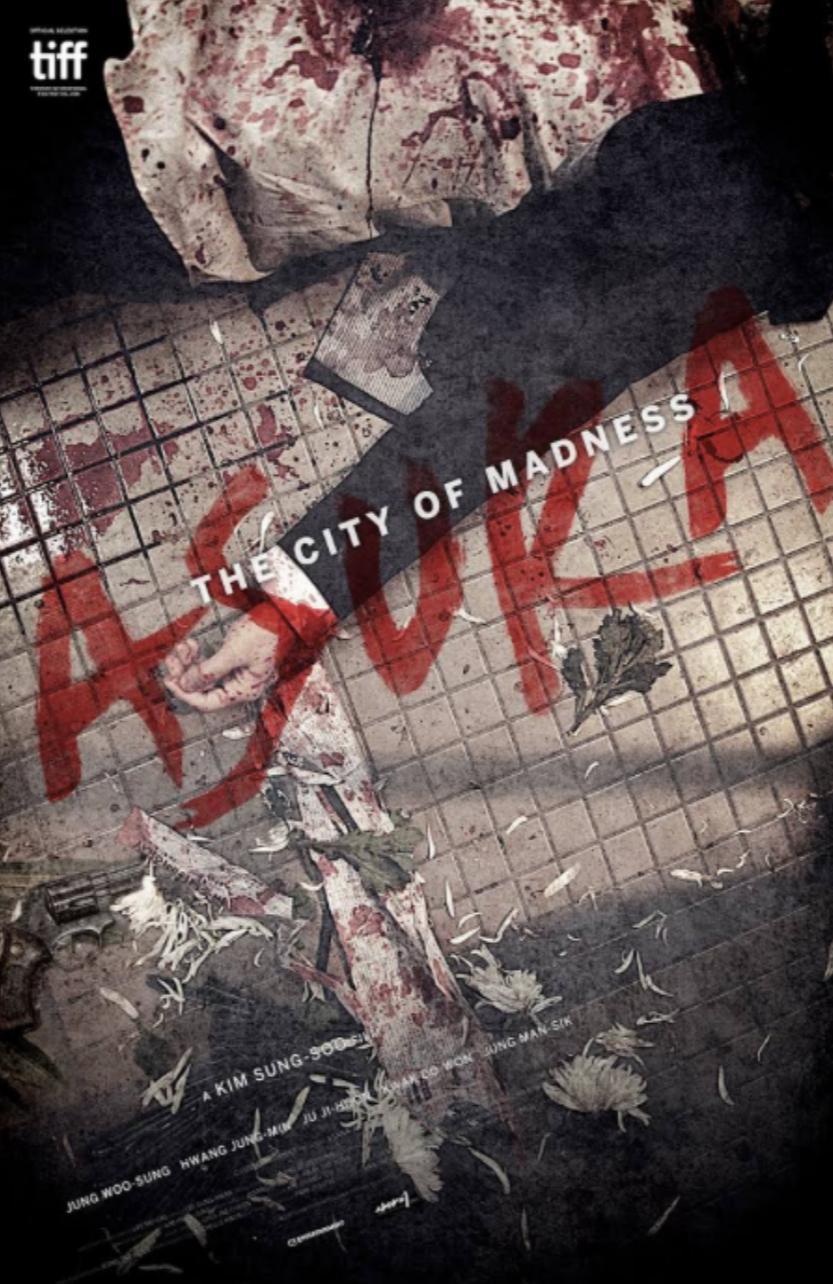
Emma  
Suárez

Adriana  
Ugarte

# julieta

un film de Almodóvar

Daniel Grao Inma Cuesta Dario Grandinetti Michelle Jenner y Rossy de Palma  
PRODUCED BY AGUSTÍN ALMODÓVAR PRODUCED BY ESTHER GARCÍA AND ALBERTO IGLESIAS  
DIRECTOR JOSE SALCEDO DIRECTOR OF PHOTOGRAPHY JEAN CLAUDE LARREUZ (AFC)  
CINEMATOGRAPHY BY PEDRO ALMODÓVAR BASED ON A RELATIONSHIP OF ALICE MUNRO



WILD BUNCH STUDIO CHINE WILD BUNCH FILM WHY NOT PRODUCTIONS

SÉLECTION OFFICIELLE  
UN CERTAIN REGARD  
FESTIVAL DE CANNES



Can We Predict the Number of US  
Theaters in Which a Foreign Language  
Film will be Released using Regression?

Rebecca Hyde

# Features ... that I thought might be useful

Features	Website Data Found
Country of Origin	OMDb API
MPAA Rating	Box Office <b>Mojo</b>
Distributor	Box Office <b>Mojo</b>
Release Month	Box Office <b>Mojo</b>
Runtime	Box Office <b>Mojo</b>

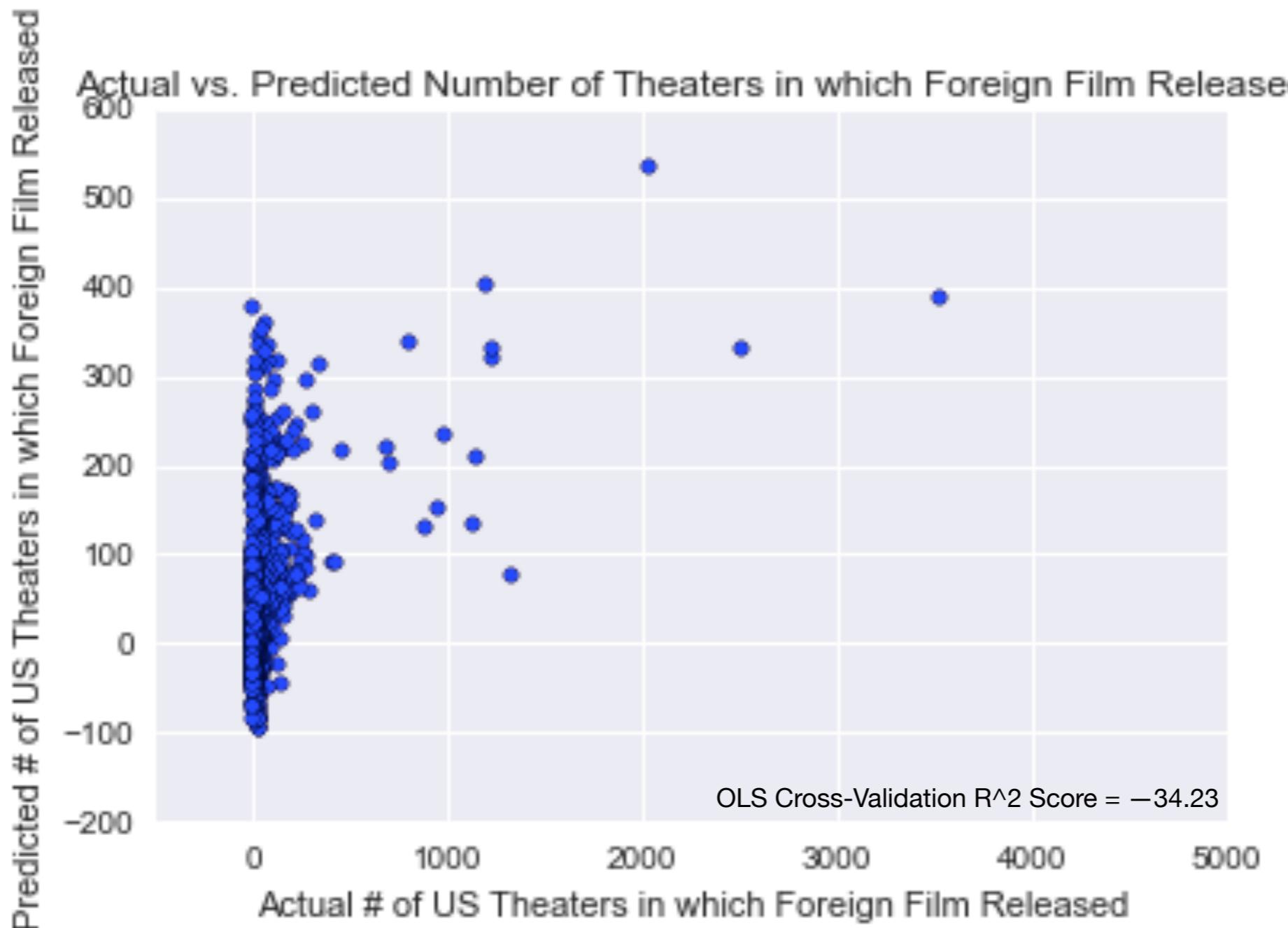
# Exploratory Data

- Dataset - 1079 Foreign Language Films
- Mean Number of US Theaters FLF Released: 59
- Median Number of US Theaters FLF Released: 20
- Maximum Number of US Theaters FLF Released: 3522  
(Miss Peregrine's Home for Peculiar Children - released Sept. 30, 2016)
- Minimum Number of US Theaters FLF Released: 1 (many films)



# OLS: All Features & Outlier Datapoints Included

---



# Lasso Says...

---

## Features

## Coefficients

Runtime

0.3

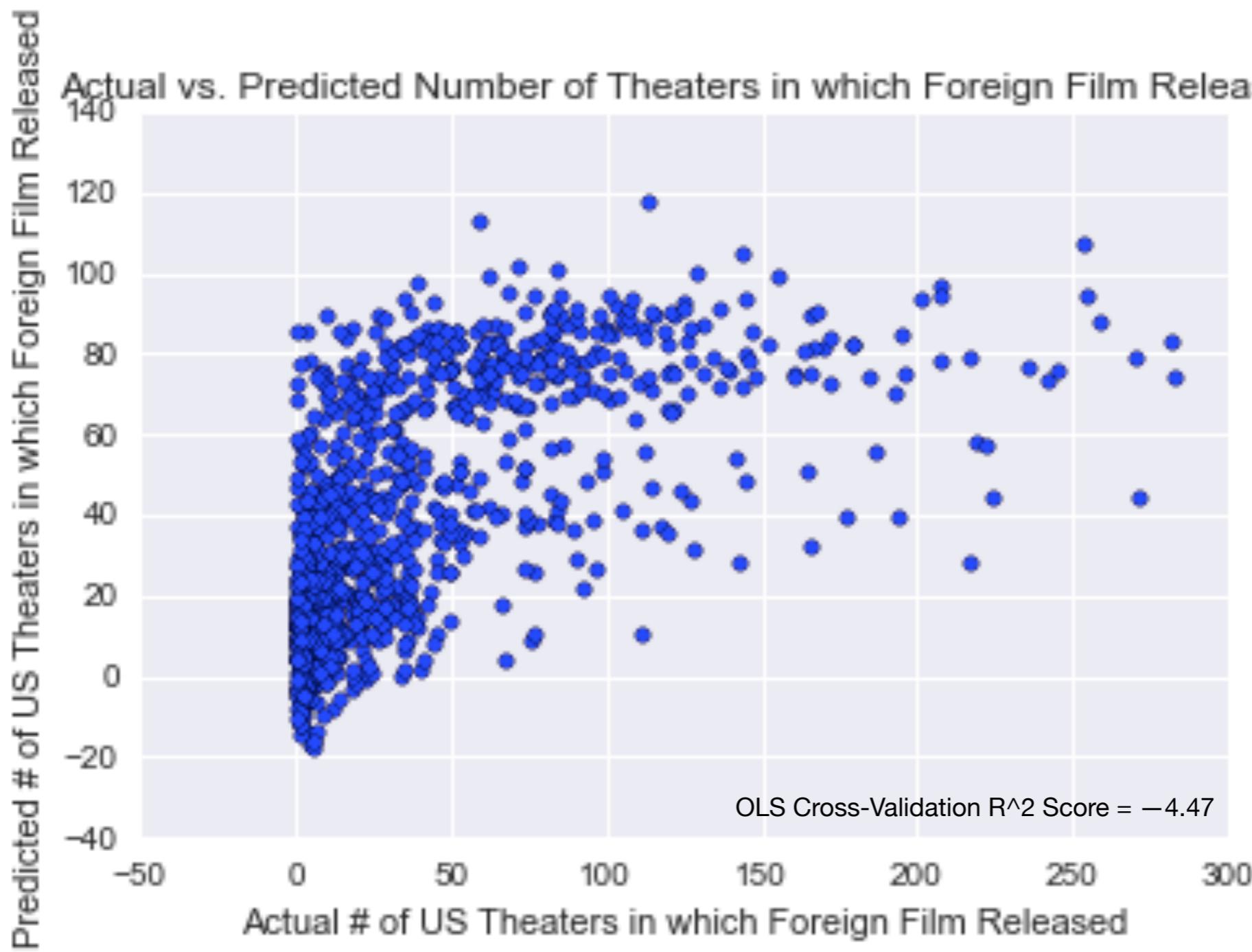


-8.82

Lasso Regression Cross-Validation R<sup>2</sup> Score = 0.01

# OLS: Includes All Features, No Outlier Datapoints

---



# Lasso Says...

Features	Coefficients
India	56.27
Sony Classics	26.25
November	7.22
R	4.74
February	4.40
December	3.87
Eros	3.32
Music Box Films	2.91
October	1.11
Runtime	0.11
Other Distributor	-0.29
May	-0.32
Other Country	-0.59
April	-1.84
Japan	-2.30
Strand	-3.54
March	-5.07
Unrated	-22.80

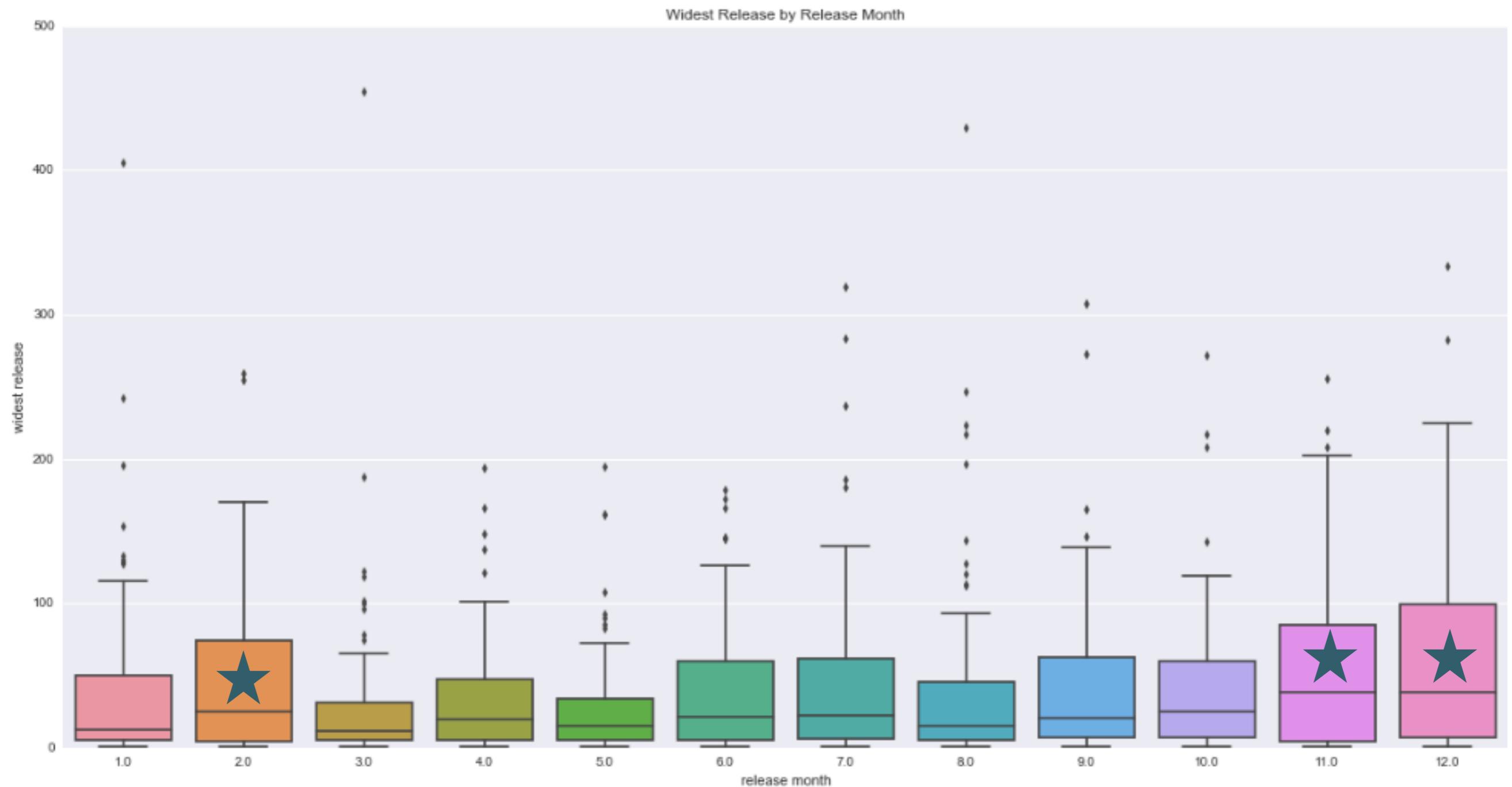
Lasso Regression Cross-Validation R^2 Score = 0.31



**Monsoon  
Wedding**

# Widest Release by Month

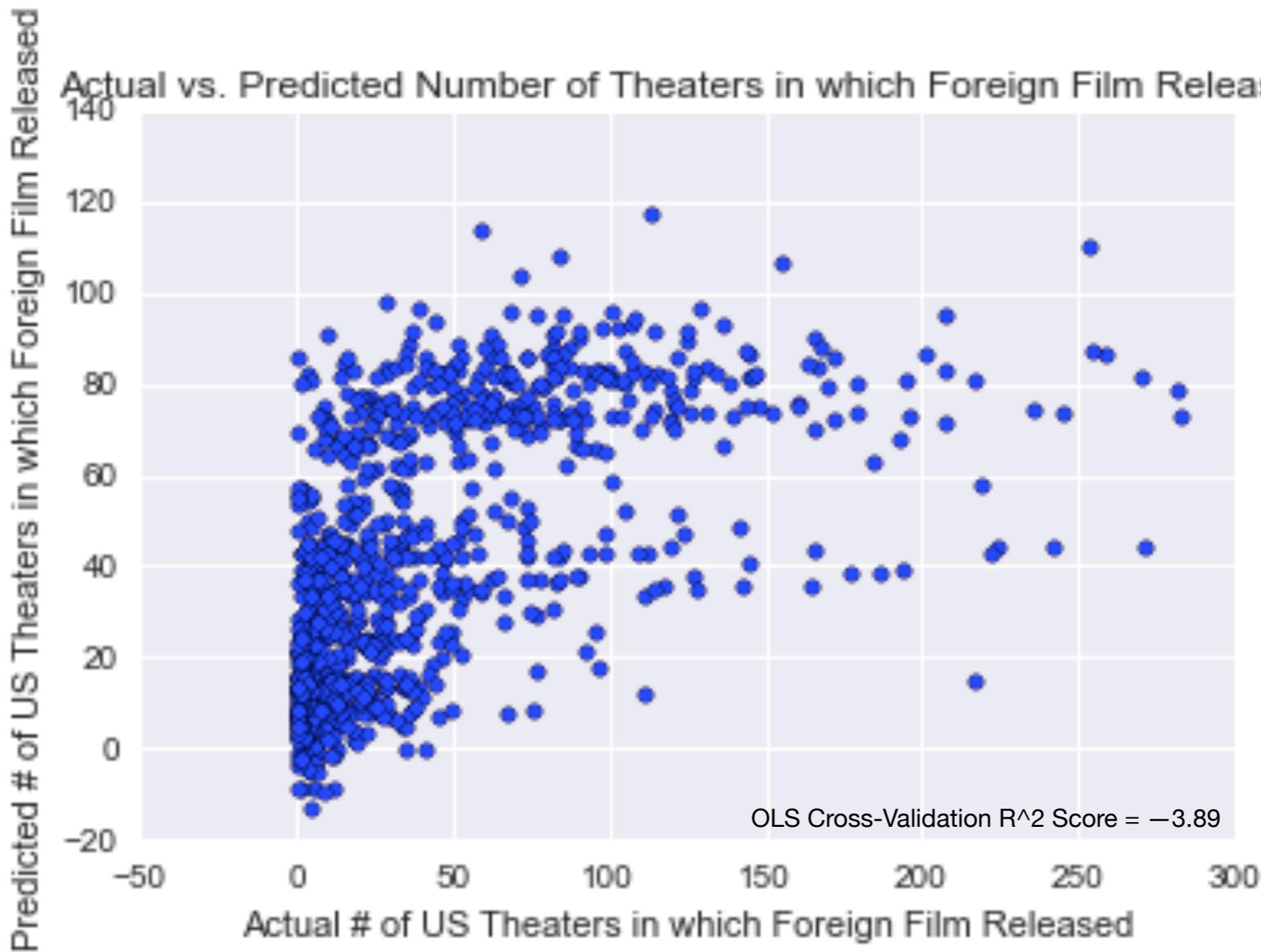
---



OLS:

Lasso Recommended Features, No Outlier Datapoints

---



# Would like to test...

---

- Production budget
- Marketing budget
- Director
  - Number of films directed?
  - Former successes in the US?
- Actors
- Appeared at film festival?
- Oscar nominations!



OSCAR®  
FOREIGN  
LANGUAGE FILM

# US Audiences “Abandoning” Foreign Language Films

---

- U.S. box office for the top five foreign-language films - declined by 61% in the years between 2007 and 2013
  - In 2007, the top five foreign-language releases together - \$38 million at the U.S. box office
  - In 2013 - \$15 million
- Foreign language born directors are fleeing for Hollywood and English-language filmmaking
- Fewer screens available for showing foreign language films because of steep competition from American independent films

