

LUTHER

THE

OSCARS

Predicting Oscar Nominations

KEY DETAILS

means

vs

categories

cumulative

gross

revenue

cumulative

gross

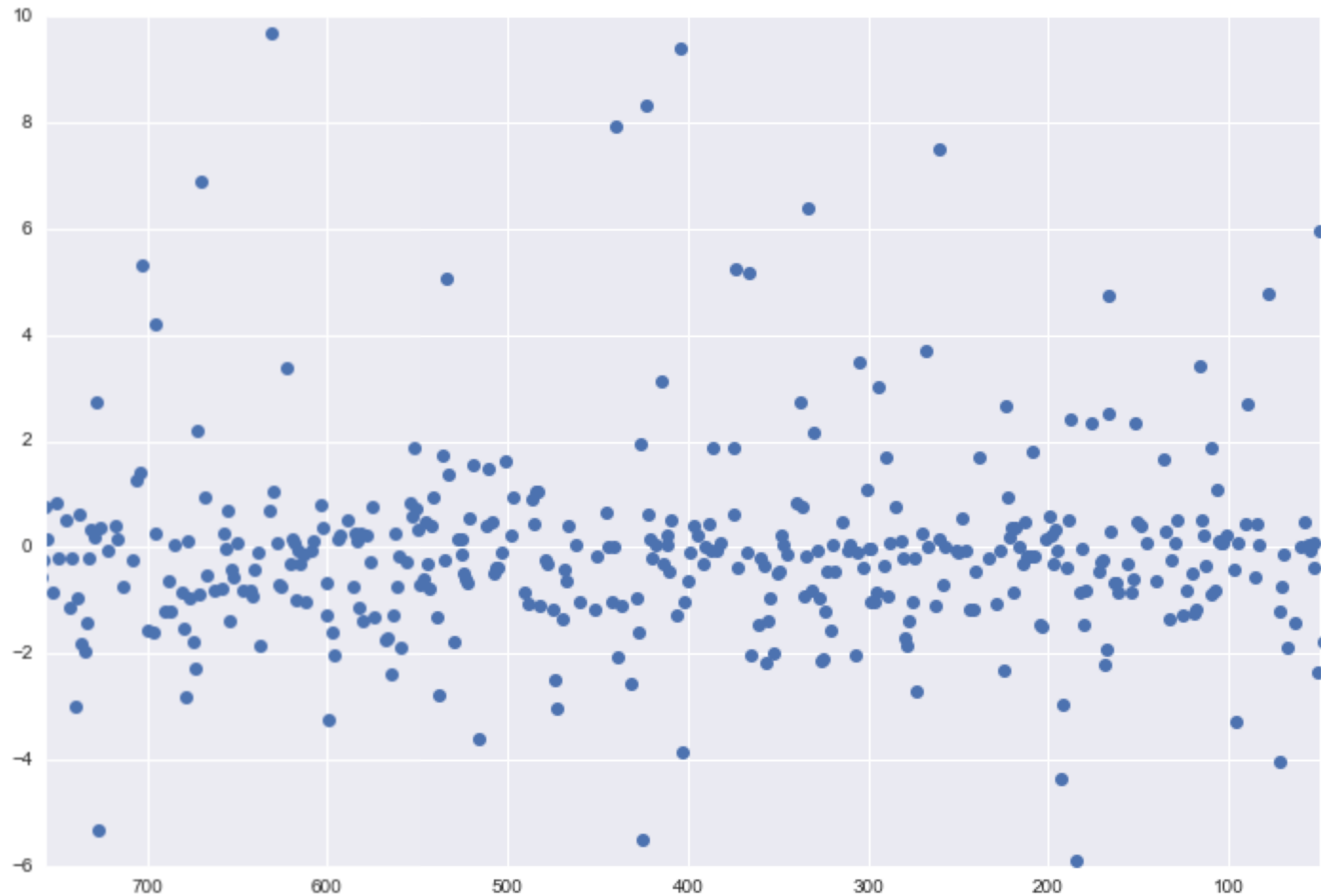
revenue

all movies

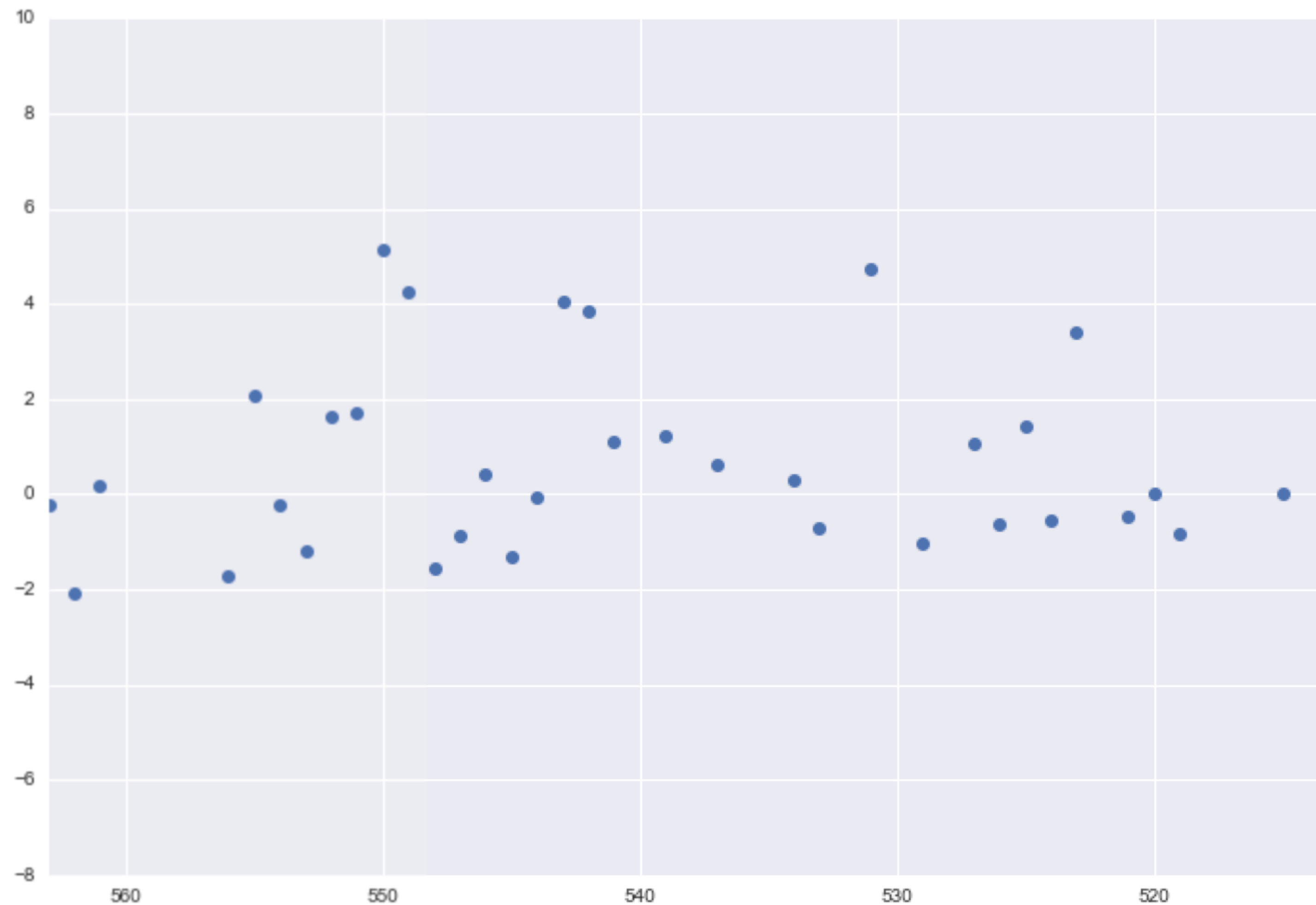
vs

new movies

all movies



new movies



FEATURING

(genre
nominations)³

(runtime)⁴

(studio
nominations)

3

(october
release)

(december
release)

(revenue)

$$\left(\frac{(\text{genre count})}{(\text{genre noms})} \right)^2$$

LESS
SIGNIFICANT

OTHER FEATURES

actors &
directors

actors'
sex & race

other
revenues

critic ratings

MODELS

randomforest

vs

linear regression

BEST MODEL

LINEAR REGRESSION

LINEAR REGRESSION

$R^2 = 0.504$