Residuals:

Min 1Q Median 3Q Max

-121235930 -47429757 -20813001 14938345 827790966

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) -106166063 58302328 -1.821 0.0691 .

days\_since\_release 5482 1014 5.406 9.46e-08 \*\*\*

PG -24166462 51744764 -0.467 0.6407

PG13 -17153747 51876620 -0.331 0.7410

G 2377540 51979029 0.046 0.9635

R -58887199 51806974 -1.137 0.2562

EMPTY -44303167 51959649 -0.853 0.3942

days\_since\_release

* days\_since\_release has a positive coefficient which means while it increases, our total gross also increases. It is relatively small compared to other positive coefficients.
* Standard error is lower which means the data is close to standard deviation.The data is distributed closely around the mean. It is a good representation of the data.
* The t value is positive 5 which means days\_since\_release is highly related with total gross.
* The p-value is lower than 0.05 which makes statically important which means days\_since\_release has a significant effect on total gross and the results are reliable.

PG

* PG has a negative coefficient which means while it increases, our total gross also decreases.
* Standard error is high which means the data is not close to standard deviation. The data is not distributed closely around the mean. It is not a good representation of the data.
* The t value is negative which means days\_since\_release means PG does not have much correlation and relation to total\_gross.
* The p-value is higher than 0.05 which makes statically not important which means PG has no significant effect on total gross and the results are not reliable.

PG-13

* PG-13 has a negative coefficient which means while it increases, our total gross also decreases.
* Standard error is high which means the data is not close to standard deviation. The data is not distributed closely around the mean. It is not a good representation of the data.
* The t value is negative which means days\_since\_release means PG-13 does not have much correlation and relation to total\_gross.
* The p-value is higher than 0.05 which makes statically not important which means PG-13 has no significant effect on total gross and the results are not reliable.

G

* G has a positive coefficient which means while it increases, our total gross also increases. It is highest compared to other positive coefficients meaning it affects total gross more.
* Standard error is high which means the data is not close to standard deviation. The data is not distributed closely around the mean. It is not a good representation of the data.
* The t value is positive 5 which means G is highly related with total gross.
* The p-value is greater than 0.05 which makes statically not important which means G has no significant effect on total gross and the results are not reliable.

R

* R has a negative coefficient which means while it increases, our total gross also decreases.
* Standard error is high which means the data is not close to standard deviation. The data is not distributed closely around the mean. It is not a good representation of the data.
* The t value is negative which means days\_since\_release means R does not have much correlation and relation to total\_gross.
* The p-value is higher than 0.05 which makes statically not important which means R has no significant effect on total gross and the results are not reliable.

EMPTY

* EMPTY has a negative coefficient which means while it increases, our total gross also decreases.
* Standard error is high which means the data is not close to standard deviation. The data is not distributed closely around the mean. It is not a good representation of the data.
* The t value is negative which means days\_since\_release means EMPTY does not have much correlation and relation to total\_gross.
* The p-value is higher than 0.05 which makes statically not important which means EMPTY has no significant effect on total gross and the results are not reliable.

Conclusion

Statically, only days\_since\_release has been important and reliable meaning we can see similar results.

In mpaa values, G is has a higher-value which means we can count on G more than the other values.

The greatest negative effect was by R.

The greatest positive effect was by G.

days\_since\_release has the least standard error meaning it is more of a standard deviation; the data is distributed closely around the mean meaning it is a better representation of our data.