LUSC

LASSO REGRESSION

ONLY CLINICAL DATA

Not better than luad only clinical data

Even cv scores are not better than cv scores of luad. But there is not much difference

ONLY 250 GENES:

Not good.

Not better than luad

Even for cv

250 GENES AND CLINICAL DATA

Cv better than no cv

With cv the difference between the test and train data is not that much ( 30% )

Cv is greatest on cv=10. It reduces after the cv increase

Without cv, highest at : 0.1

**ONLY 2K GENES:**

SCORES BETTER THAN LUAD? No

HIGHEST SCORE WITHOUT CV AT: not clear ; the difference between the test and train scores are more , train score is more positive and test data is very negative

AFTER THIS ALPHA, IT : at 0.01 , train score is highest, but at 0.1, the test score is the highest

HIGHEST SCORE WITH CV AT CV

AFTER THIS CV, IT :

CV SCORES ARE BETTER OR NOT THAN WITHOUT CV:

**2K GENES AND CLINICAL DATA:**

SCORES BETTER THAN LUAD? No

HIGHEST SCORE WITHOUT CV AT: at 0.1 scores are more reasonable because the difference between train scores are not that much. Scores at 0.1 and 0.5 are okish. But the difference between scores at 0.5 s more. So 0.1 is ok

AFTER THIS ALPHA, IT:

HIGHEST SCORE WITH CV AT CV=almost the same at cv=50 and cv=80

AFTER THIS CV, IT:

CV SCORES ARE BETTER OR NOT THAN WITHOUT CV: no

But the difference is not that high.