**ONLY CLINICAL DATA :**

BETTER THAN LUAD? no

HIGHEST SCORE WITHOUT CV AT: 0.01

After this alpha, scores starts decreasing. For both the train ad test scores, its highest at 0.01

CV SCORES ARE BETTER OR NOT THAN WITHOUT CV: they are almost the same

**ONLY 250 GENES:**

BETTER THAN LUAD? no

All the test scores are negative.

Train scores are all above 60 % (including cv scores)

CV SCORES ARE BETTER OR NOT THAN WITHOUT CV: almost the same

**250 GENES AND CLINICAL DATA:**

HIGHEST SCORE WITHOUT CV AT: not good

Test scores are negative except at alpha = 0.1

HIGHEST SCORE WITH CV AT CV: doesn’t really change ; but the test scores are positive for all cv

CV SCORES ARE BETTER OR NOT THAN WITHOUT CV: yes.

**2K GENES ONLY**

BETTER THAN LUAD? yes

All the test scores are negative.

Train scores are very very accurate

CV SCORES ARE BETTER OR NOT THAN WITHOUT CV: almost the same ; test scores are still negative

**2K GENES AND CLINCAL DATA:**

BETTER THAN LUAD? Same to same

All the test scores are negative.

Train scores are very very accurate

CV SCORES ARE BETTER OR NOT THAN WITHOUT CV: yes. Test scores are not negative here but train scores are very accurate 99%