

DataSet Used

```
1 > str(input.data.updatedTypes)
2 'data.frame': 25547 obs. of 11 variables:
3 $ Collaborativeteams : num 1 1 1 1 1 1 1 1 1 1 ...
4 $ Commonformativeassessment : int 1 1 1 1 1 1 1 1 1 1 ...
5 $ Databaseddecisionmaking : num 1 1 1 1 1 1 1 1 1 1 ...
6 $ CWIS : num 1 1 1 1 1 1 1 1 1 1 ...
7 $ common_practices_can_statements : num 4 4 4 4 4 4 4 4 4 1 ...
8 $ common_practices_student_work : num 4 4 4 4 4 4 4 4 4 5 ...
9 $ common_practices_self_assessment : num 4 4 4 4 4 4 4 4 4 4 ...
10 $ common_practices_receive_feedback: num 4 4 4 4 4 4 4 4 4 5 ...
11 $ common_practices_student_feedback: num 4 4 4 4 4 4 4 4 4 5 ...
12 $ common_practices_state_criteria : num 4 4 4 4 4 4 4 4 4 4 ...
13 $ ETLAverage : num 4 4 4 4 4 4 4 4 4 4 ...
```

- Shrinks Slope to zero meaning Excludes useless variables from features.
- Better at reducing variance that contains a lot of useless variables

Results from Lasso & Subtrain vs Validation Loss

