DataSet Used

mi_cmi.cpp : BNSL::mi

```
> str(input.data.updatedTypes)
'data.frame': 25547 obs. of  11 variables:
 $ Collaborativeteams                : num  1 1 1 1 1 1 1 1 1 1 ...
 $ Commonformativeassessment         : int  1 1 1 1 1 1 1 1 1 1 ...
 $ Databaseddecisionmaking           : num  1 1 1 1 1 1 1 1 1 1 ...
 $ CWIS                              : num  1 1 1 1 1 1 1 1 1 1 ...
 $ common_practices_can_statements   : num  4 4 4 4 4 4 4 4 4 1 ...
 $ common_practices_student_work     : num  4 4 4 4 4 4 4 4 4 5 ...
 $ common_practices_self_assessment  : num  4 4 4 4 4 4 4 4 4 4 ...
 $ common_practices_receive_feedback: num  4 4 4 4 4 4 4 4 4 5 ...
 $ common_practices_student_feedback: num  4 4 4 4 4 4 4 4 4 5 ...
 $ common_practices_state_criteria   : num  4 4 4 4 4 4 4 4 4 4 ...
 $ ETLAverage                        : num  4 4 4 4 4 4 4 4 4 4 ...
```

Lasso?

- 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