

results

LASSO Regression

The LASSO shrunk the predictors Education, Gender, Married, and Ethnicity to zero, leaving Income, Limit, Rating, Cards, Age and Student as significant predictors. The most significant predictor is Limit with a coefficient value of approximately 0.93.

NULL

Partial Least Squares Regression

Comparing Methods

coefficient table for all coefficients is here:

Table of all the MSE:

Table of the Prediction errors for each train/test model: