

MTH 441A: Lab 10

P 1. Consider the Time Delivery Data (full with 40 observations). Split the data in Prediction and Estimation data sets (equally) using Duplex algorithm. Use the Estimation Data:

- (a) Based on some subset selection criteria, propose two regression models.
- (b) For each models, compare the regression coefficients for Prediction and Estimation data sets.
- (c) Compute the PRESS statistics and R^2 prediction for both models using Prediction and Estimation data sets.