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CS 498: Applied Machine Learning  
HW Extra Credit Report

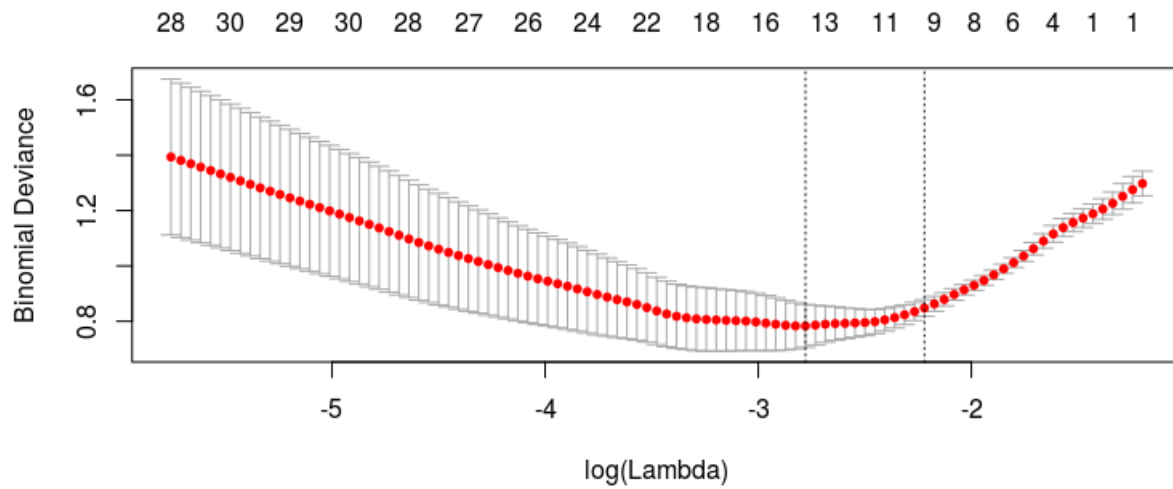
**Problem 1:**

Minimum Lambda (based on lowest deviance): 0.06214394

AUC: 0.8826421

Deviance: 0.7832222

Deviance Plot:



The best model uses only 14 of the 2000 genes