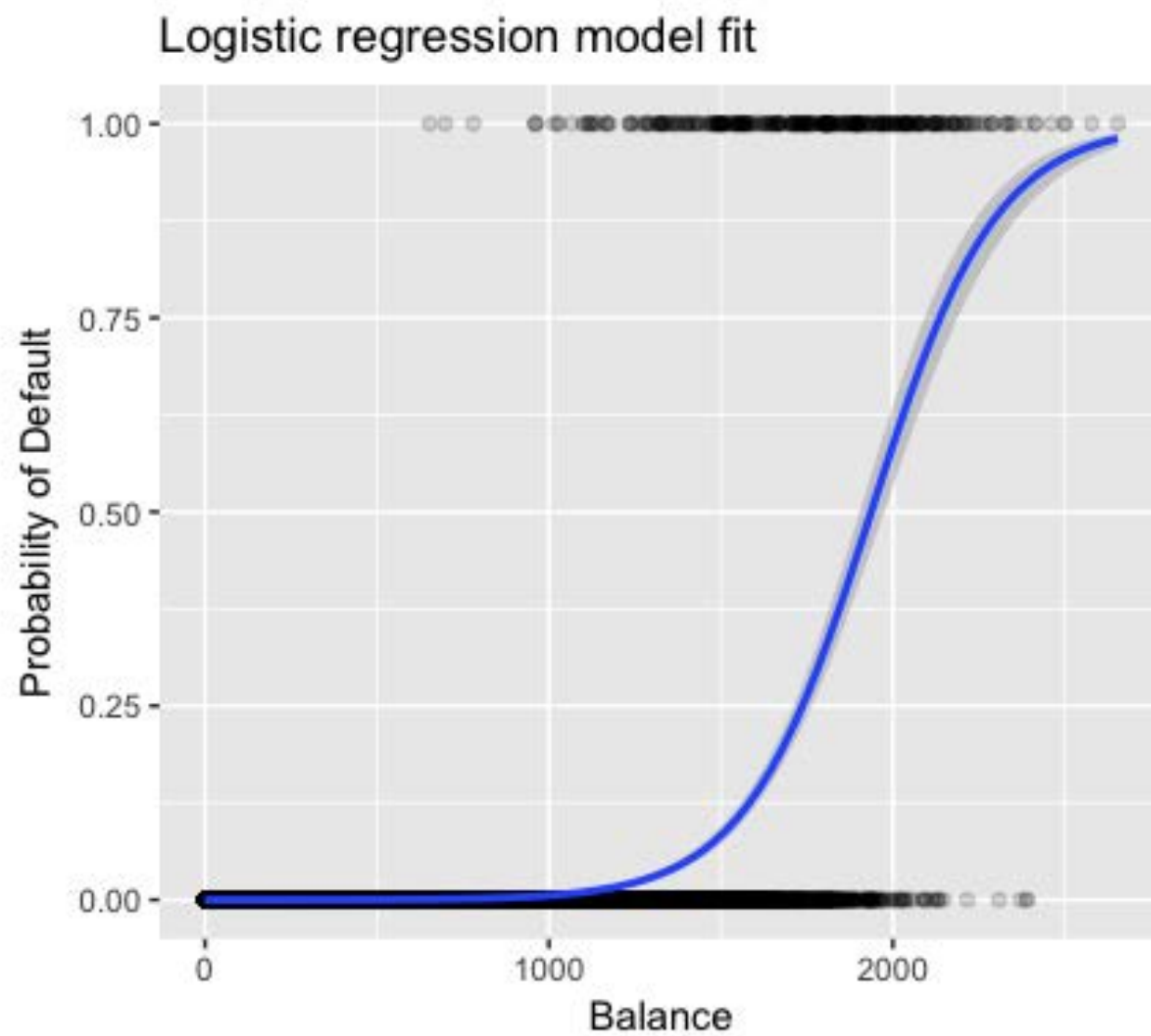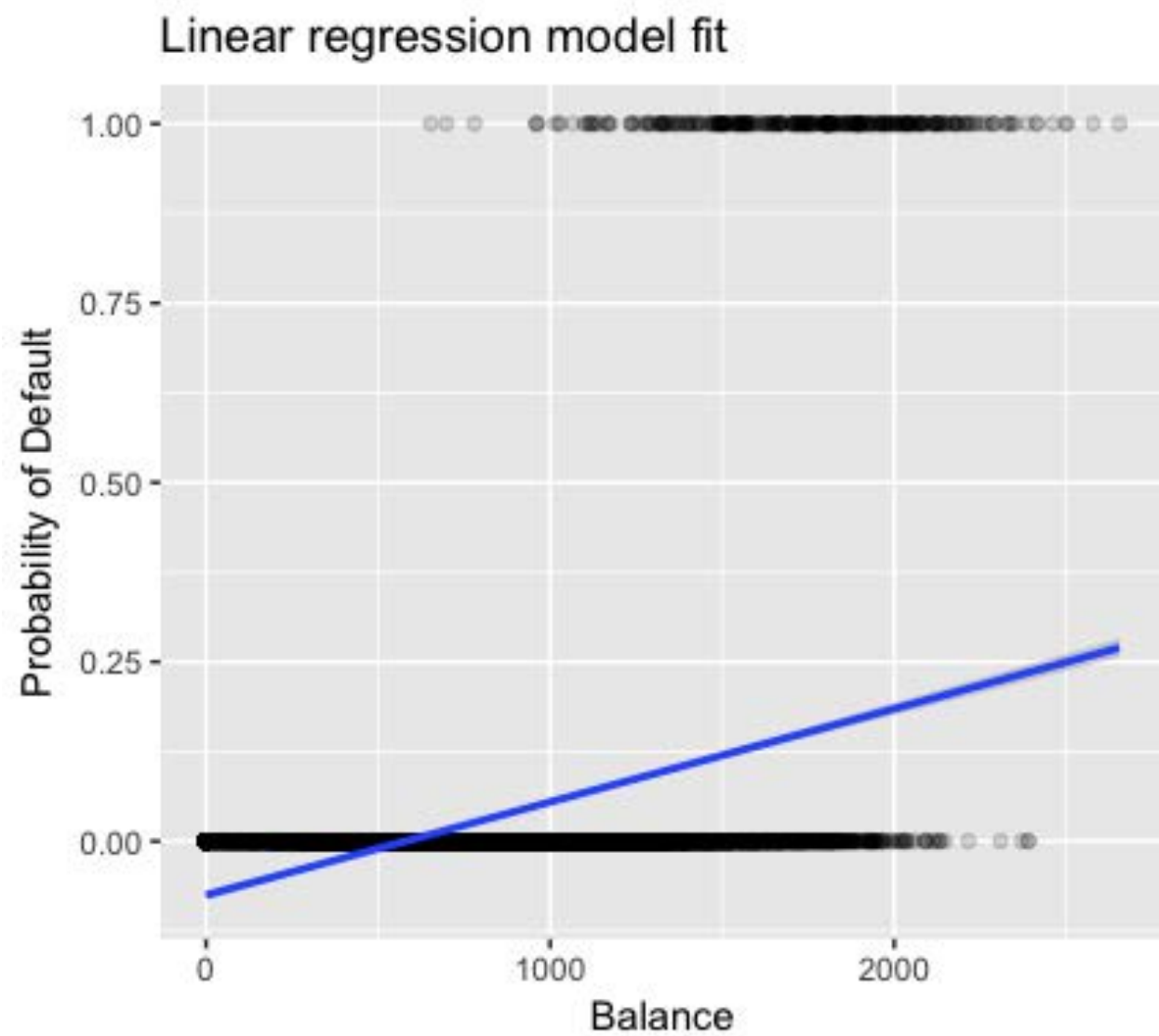# ENM 531: Data-driven modeling and probabilistic scientific computing

Lecture #7: Logistic regression

Paris Perdikaris
February 11, 2020

Logistic regression

Confusion matrix

$$\text{accuracy (ACC)}$$

$$\text{ACC} = \frac{\text{TP} + \text{TN}}{P + N} = \frac{\text{TP} + \text{TN}}{\text{TP} + \text{TN} + \text{FP} + \text{FN}}$$