Quiz 11

Instructions: *Answer the questions with precise definitions. Your definitions definitions should either be stated exactly as in the lecture or textbook, or be clearly equivalent to them. Having the "right idea" but not a precise formulation will not recieve credit.*

Problem 1. State the definition of the ***logistic regression model*** with k covariates $X_1, \ldots, X_k$ and a binary response variable Y.

Problem 2. What is the ***logistic regression problem***?