

Activity: Predictions from a logistic regression model

Group members:

Making predictions

For the dengue data, our fitted logistic regression model is

$$\log \left(\frac{\hat{p}_i}{1 - \hat{p}_i} \right) = 1.737 - 0.361 \ WBC_i$$

- What is the predicted *odds* of dengue for a patient with a white blood cell count of 15?
 - What is the predicted *probability* of dengue for a patient with a WBC of 15?