

ERHS 642 Logistic Regression Spring 2016

Homework Assignment 8

Consider the **ICU_altered** data set.

1.
 - a. Present a table containing coefficients, standard errors, Wald Chi-Square values and p-values for your final model from homework assignment 6
 - b. Present a table containing odds ratios, 95% confidence intervals and p-values for your final model from homework assignment 6.
2. Determine the overall goodness-of-fit of your model.
 - a. Use the deviance and Person GOF tests
 - b. Use the Hosmer-Lemeshow test
 - c. Use the Osious-Rojek test
 - d. Describe which tests are and which tests are not appropriate and explain why.
3. Determine if your model is fitting the tails correctly.