

➤ **The due date is earlier than usual due to Thanksgiving break.**

1. Problem 10.17 (Patient Satisfaction, p.417)
2. Problem 12.6 (Copier Maintenance, p. 502)
  - In addition, plot the residuals and comment.
3. Problem 11.7 (skip b) (Machine Speed, p. 473)
  - You can work on part (b) for extra credit. Please read text p.118, 119 for Breusch-Pagan test.
  - In part (d), note that the predicted (fitted) values from “regressing the squared residuals against  $X$ ” are the estimated variance of the residuals. The estimated weight is  $1/(\text{estimated variance})$ . If you get a negative value for the estimated variance, convert it to positive value by taking its absolute value.
4. Read *Handout9\_Logistic.pdf* on Blackboard.

----- This is the end of HW 9. -----