

### HOMEWORK ASSIGNMENT 3

Assigned: October 13, 2005

Due: October 20, 2005

10 Points – 1 point each day late

Complete the following questions from your textbook. The problems come from the "Patient satisfaction" example. Hospital administrators are examining the relationship between patient satisfaction ( $Y$ , the first variable) and patient age ( $X_1$ ), severity of illness ( $X_2$ ) and anxiety level ( $X_3$ ).

**Make sure you use the NEW dataset.** The data is in dataset "<http://www.stat.lsu.edu/exstweb/statlab/datasets/KNNLData/CH06PR15.txt>".

1) 6.15	Only parts b, c, d, f and g
2) 6.16	All parts (a, b & c)
3) 6.17	Both parts (a & b)

American Scientist, September-October 1982



"Dr. Labine works by trial and error, but his errors are way ahead of his trials."