

# STAT 350

## Assignment 4

**NOTE: Due by 3 PM Friday 27 June in my mailbox in the Statistics and Actuarial Science Department or by email to [lhzhao@cs.sfu.ca](mailto:lhzhao@cs.sfu.ca) by 8PM Friday.**

**NOTE: Some of these questions will require you to get information from the text. You will then have to use whatever software package you are working with to evaluate any required test statistics or diagnostic measures.**

1. For the Mileage data in assignment 3 conduct a residual analysis and report your findings.
2. For the Wallabies data in assignment 3 conduct a residual analysis and report your findings. If the residual analysis suggests any refitting do that and report the results.
3. From the text page 336, 8.7 a.
4. Analyze the patient satisfaction data from the text by doing:
  - (a) 6.15 b through g (pp 250–251);
  - (b) 6.16 (p251);
  - (c) 6.17 a (p 251);
  - (d) 7.9 (p 290);
  - (e) 7.26 (p 292).