

Name _____

Student No. _____

STA 442/1008 Quiz 7

1. For the Salmon data, you did a two-factor multivariate analysis of variance in which the independent variables were gender and country, and the dependent variables were freshwater growth and marine growth.

a. (4 Points) One of the multivariate tests was significant. Which one was it, and what does it tell you? Refer just to the multivariate test, and not to the univariate follow-ups.

b. (6 Points) Now consider the Bonferroni-protected univariate follow-ups to the multivariate test. State the findings in one or two short, non-statistical sentences.

Please attach printouts of your log file and your list file for the Salmon data. Make sure your name is written clearly on all files.

Total Marks = 10 points