

Regression Modelling

(STAT2008/STAT4038/STAT6038)

Solutions to Tutorial 2 – More Simple Linear Regression

Question One

For the questions involving R in this tutorial, I have created an R commands file called **Tutorial2.R** (available on Wattle). This includes all the R code you will need to answer the questions along with extensive comments, which include the answers to the questions. To follow these solutions, you will need to download a copy of this file from Wattle and run the code (preferably line by line), so that you can see the R output and then read the associated comments.

Questions Two and Three (Sample Assignment 1)

There is a separate file of R commands for this sample assignment available in the Assessment topic on Wattle. This file is essentially the “appendix” mentioned in the assignment instructions. There is also a carefully edited solutions file of the output from these R commands, which should give you some idea of what I am expecting you to submit for this year’s Assignment 1. In your solutions, please do not include any direct quotes from these old “model” solutions; as the data and issues for this year’s assignment are different and I am expecting you to address these new issues in your own words.

Question Four (optional extra – there will be no question like this one on the final exam)

This question involves more R coding – I have included the relevant commands and discussion in the **Tutorial2.R** file.
