

Testing out version control

Notes for Version SP70

This repository has been created to help with understanding how version control works.

This will serve as a model for the ETIS code. Specifically different versions represent different analyses.

Version SP70 – Revised Version

There are three R files:

- `Create Data.R` - creates data. In this case three normal variables x, z and e of length n are simulated and $y = b_0 + b_1z + e$ where b_0, b_1 and n are specified by the user
- `Modelling.R` explores different linear regression models and identifies which model fits best:
- `Final Plot.R` plots the data and regression line using `ggplot2` for the best fitting model

Changes since Version 1 are that the files `Create Data.R` and `Modelling.R` have been modified, the file `Simple Plot.R` has been deleted and the file `Final Plot.R` has been created.

Version CXY18 - Original Version

In this original version we have a set of three R files that

- `Create Data.R` - creates data. In this case three normal variables y, x and e each of length 30.
- `Modelling.R` fits a simple linear regression model of the form:

$$y \sim N(\beta_0 + \beta_1x, \sigma^2)$$

and plots results using simple plotting functions

- `Simple Plot.R` plots the data and regression line using `ggplot2`