Exercises that Practice and Extend Skills with R

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Note: Asterisked exercises (or in the case of "IV: âĹŮExamples that Extend or Challenge", set of exercises) are intended for those who want to explore more widely or to be challenged. The subdirectory **scripts** at `http://www.math.anu.edu.au/~/courses/r/exercises/scripts/` has the script files.

Also available are Sweave (**.Rnw**) files that can be processed through R to generate the LaTeX files from which pdf's for all or some subset of exercises can be generated. The LaTeX files hold the R code that is included in the pdf's, output from R, and graphics files.

There is extensive use of datasets from the *DAAG* and *DAAGxtras* packages. Other required packages, aside from the packages supplied with all binaries, are:

`randomForest` (XII:rdiscrim-lda; XI:rdiscrim-ord; XIII: rdiscrim-trees; XVI:r-largish), `mlbench` (XIII:rdiscrim-ord), `e1071` (XIII:rdiscrim-ord; XV:rdiscrim-trees), `ggplot2` (XIII: rdiscrim-ord), `ape` (XIV: r-ordination), `mclust` (XIV: r-ordination), `oz` (XIV: r-ordination).

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