



A Handbook of Statistical Analyses Using R

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CHAPTER 16

Errata

The document gives a list of typos, errors, inconsistencies etc. which have been spotted. Moreover, small numeric output differences which are due to updated packages are reported here. To get a full list of differences run R CMD `check HSAUR` on the source package.

Preface

Typo in name of vignette for Chapter 1, should read

```
R> vignette("Ch_introduction_to_R", package = "HSAUR")
```

and

```
R> edit(vignette("Ch_introduction_to_R", package = "HSAUR"))
```

16.1 Introduction to R

–nothing known–

16.2 Simple Inference

Typo at page 31, code line 4: use argument `varwidth = TRUE`, not `var.width = TRUE`.

16.3 Conditional Inference

The names of the test statistics in the output have been changed from T to Z or chi-squared throughout the chapter.

16.4 Analysis of Variance

–nothing known–

16.5 Multiple Linear Regression

Page 83: both `fitted` and `predict` can be used to compute fitted values, the later on can be applied to new unseen data as well.

16.6 Logistic Regression and Generalised Linear Models

–nothing known–

16.7 Density Estimation

Page 121: small numeric differences for the output of `optim`

16.8 Recursive Partitioning

Page 139: small differences in `predtab` Page 140: small differences in table at bottom of this page

16.9 Survival Analysis

The name of the test statistic in the output of `surv_test` has been changed to `chi-squared`.

16.10 Analysing Longitudinal Data I

Page 168, Figure 10.2: `summary` does not provide degrees of freedom and p-values in newer versions of *lme4*.

16.11 Analysing Longitudinal Data II

—nothing known—

16.12 Meta-Analysis

—nothing known—

16.13 Principal Component Analysis

—nothing known—

16.14 Multidimensional Scaling

—nothing known—

16.15 Cluster Analysis

—nothing known—