

APPENDIX B

R Packages

Here we list the packages by chapter and the version used to create the book. Before you begin using the code in a chapter, make sure the listed packages are installed on your computer. Many of the packages depend on other packages that are not listed but will be automatically installed.

- Chapter 1: None
- Chapter 2: UsingR(0.1-17)
- Chapter 3: ellipse(0.3-5), xtable(1.6-0)
- Chapter 4: rjags(3-5), R2WinBUGS(2.1-18), lattice(0.20-0), LearnBayes(2.12)
- Chapter 5: lubridate(0.2.6), maps(2.2-5), classInt(0.1-17), maptools(0.8-14), rgdal(0.7-8), mapdata(2.2-1), ggplot2(0.9.0), ggmap(1.2)
- Chapter 6: lubridate(0.2.6), maps(2.2-5), survival(2.36-10), ncdf(1.6.6)
- Chapter 7: pscl(1.04.1), xtable(1.6-0), plotmo(1.3-1), earth(3.2-1)
- Chapter 8: quantreg(4.76), xtable(1.6-0), ismev(1.37), gamlss(4.1-1), gamlss.cens(4.0.4)
- Chapter 9: gstat(1.0-10), maptools(0.8-14), sp(0.9-94), rgdal(0.7-8), maps(2.2-5), colorRamps(2.3), spdep(0.5-43), spgwr(0.6-13)
- Chapter 10: gamlss(4.1-1), xtable(1.6-0), chron(2.3-42), ggplot2(0.8.9), network(1.7), sna(2.2-0), igraph(0.5.5-4)
- Chapter 11: maps(2.2-5), spatstat(1.25-3), sp(0.9-94), rgdal(0.7-8), maptools(0.8-14), cluster(1.14.1), xtable(1.6-0)
- Chapter 12: rjags(3-5), fields(6.6.3), BMA(3.15), sp(0.9-94), rgdal(0.7-8), maps(2.2-5), maptools(0.8-14), colorRamps(2.3), spdep(0.5-43), coda(0.14-6), bootstrap(1.0-22), xtable(1.6-0)
- Chapter 13: maps(2.2-5), ggplot2(0.9.0), oce(0.8-4), sp(0.9-94), quantreg(4.76)