

iCAS CSPA Part 3 Reading List – Books

(Note: some blank items still need to be entered and completed)

Abbreviation Used in Syllabus	Author	Title	website
Chapman & Feit	Chapman and Feit	R for Marketing Research and Analytics	http://r-marketing.r-forge.r-project.org/
ESL	Hastie, Tibshirani, and Friedman	Elements of Statistical Learning	http://statweb.stanford.edu/~tibs/ElemStatLearn/printings/ESLII_print10.pdf
Fitzmaurice, et al	Fitzmaurice, Laird, and Ware	Applied Longitudinal Analysis	http://methods.sagepub.com/book/best-practices-in-quantitative-methods/d14.xml
Fox	Fox	Applied Regression Analysis and Generalized Linear Models	http://socserv.socsci.mcmaster.ca/jfox/Books/Applied-Regression-3E/index.html
Fox & Weisberg	Fox and Weisberg	An R Companion to Applied Regression	
Frees	Frees	Regression Modeling with Actuarial and Financial Applications	http://instruction.bus.wisc.edu/jfrees/jfreesbooks/Regression%20Modeling/BookWebDec2010/home.html
Frees, et al	Frees, Derrig, and Meyers	Predictive Modeling Applications in Actuarial Science, Vol II: Case Studies in Insurance	http://instruction.bus.wisc.edu/jfrees/jfreesbooks/PredictiveModelingVol1/index.htm
Ganganwar	Ganganwar		http://www.ijetae.com/files/Volume2Issue4/IJETAE_0412_07.pdf
Gelman & Hill	Gelman and Hill	Data Analysis using Regression and Multilevel/Hierarchical Models	http://www.stat.columbia.edu/~gelman/arm/
ISL	James, Witten, and Tibshirani	Introduction to Statistical Learning	http://www-bcf.usc.edu/~garth/ISL/
O'Neil	O'Neil	Weapons of Math Destruction: How Big Data Increases Inequality and Threatens Democracy	
Sokolova & Lapalme	Sokolova & Lapalme		http://rali.iro.umontreal.ca/rali/sites/default/files/publis/SokolovaLapalme-JIPM09.pdf
Stat Ed			http://onlinestatbook.com/Online_Statistics_Education.pdf
Trochim	Trochim		http://statmath.wu-wien.ac.at/people/dittrich/m1bw/trochim_pdfs/Topic_2_Trochim_chapter02_sampling.pdf
			http://statmath.wu-wien.ac.at/people/dittrich/m1bw/trochim_pdfs/Topic_7_Trochim_chapter09_experimentaldesign.pdf
			http://statmath.wu-wien.ac.at/people/dittrich/m1bw/trochim_pdfs/Topic_8_Trochim_chapter10_quasiexperimentaldesign.pdf