ST516 Foundations of Data Analytics Fall 2017

Reading List

Section ranges listed are inclusive (e.g. 7.5 - 7.5.3 means you should read starting at 7.5, through and including 7.5.3, but not 7.5.4)

Week	OpenIntro[1]	Statistical Methods[2]	Other
1	1.1, 1.3, 1.4, 1.5		*Foundational and Applied Statistics for Biologists Using R*[3]: 7.5 - 7.5.3 and 7.6 - 7.6.2
2	2.1, 2.4-2.4.1, 2.5, 3.1, 3.4.1	2.2, 2.3, 2.3.1, 2.3.2, 2.3.4, 2.4, 2.4.1, 2.4.3	Chapter 1 in Hands on Programming with R.
3	2.4 (all remaining sections), 4.4	2.5 - 2.5.3	
4	4.1-4.5	3.2 (skip 3.2.14 and 3.2.15), 3.3, 3.5.1	
5	5.3, 6.1, 6.5	4.2, 4.3, 4.5.5	
6	5.1, 5.3, 6.2	5.1, 5.2 (skip 5.2.1-5.2.6), 5.2.7, 5.4, 5.5 (skip 5.5.2), 5.6	
7		3.5, 4.5.1, 4.5.2	Supplemental reading to be provided, see canvas
8		14.1.2, 14.2, 14.3, 14.7	Intro Stat with Randomization and Simulation[4]: 4.5

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[1] *OpenIntro Statistics.* Diez, D.; Barr, C.; Çetinkaya-Rundel, M. 3rd Ed. (2015) https://www.openintro.org/stat/textbook.php

[2] *Statistical Methods*. Freund, R.; Mohr, D; Wilson,W. (2010). http://OSU.eblib.com/patron/FullRecord.aspx?p=802390

[3] *Foundational and Applied Statistics for Biologists Using R.* Aho, K. (2013) http://OSU.eblib.com/patron/FullRecord.aspx?p=1480891

[4] *Intro Stat with Randomization and Simulation.* Diez, D.; Barr, C.; Çetinkaya-Rundel, M. 1st Ed. (2014) https://www.openintro.org/stat/textbook.php?stat_book=isrs

			Levene's test @ e-Handbook of Statistical Methods: http://www.itl.nist.gov/div898/handbook/eda/section3/eda35a.htm
9			
10			