

Professor Verzani's Syllabus for MTH 113 Spring 2004

Date	Topic	Reading	Homework
2/4	Data Intro. to R	1-22	18/3,5,7,11,17
2/4	Freq. plot, barplot stem and leaf diagram	40-94	74/2,5,6,13 89/4,5
2/9	histograms, densities R for graphics	40-94	50/1,8,13
2/11	Summation notation Mean, median variance	126-130 132-157	131/1,3,5,7; 142/1,4,10 11,15; 157/1,3,7
2/18	Percentiles, IQR R for summary stats.	165-183	176/1,6,7 183/1,7,8,10
2/23	Probability R for EDA	209-219	220/1,2,5,6,13,16
2/25	Counting Review	226-239	230/3,7,9,13,15 240/2,6,8,14,17
3/1	TEST 1		
3/3	Counting	242-251	252/2,5,7,15 322/13,17,19
3/8	Discrete Distributions R for counting	333-349	339/3,4,9,13,15,17 349/2,3,9,13
3/10	Binomial distribution mean and variance	355-367 371-373	368/1,6,12,15 373/1,7,9,12
3/15	Normal distribution R for binomial	403-416	416/1,2,4,7,12
3/17	Normal distribution Normal Approximation	419-422 425-431	422/3,8,9,13 431/1,11,13,15
3/22	Normal vs. Binomial R for normal		441/1,5,10,13,18,22,27
3/24	Normal distribution Review		
3/29	TEST 2		
3/31	Hypothesis testing z-test	533-538 538-547	584/1,4 547/1,3,7,9
4/14	t-test	549-551	552/1,3,5,7,9

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4/19	<i>t</i> -test R for significance tests		580/11,14,16
4/21	tests of differences test of proportions	554-563 566-570	559/1,5,7 564/1,3,6
4/26	test of proportions R for significance tests		570/1,4,6,7,9
4/28	Bivariate data Review	588-605	599/1,4,6,12
5/3	TEST 3		
5/5	Correlation Linear regression		616/1,3,5
		606-615	
5/10	Linear regression R for regression		616/7,8,10,11
5/12	Chi-square	658-673	664/1,3,9 673/1,3,6
5/17	Chi-square	676-679	680/2,3,6
5/19	Review		
5/??	Final Exam. Date to be announced		