

Biostatistics 100A**FALL 2002**

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Text: Dunn OJ, Clark VA (DC). Basic Statistics: A Primer for the Biomedical Sciences, 3^d ed.,
New York: John Wiley & Sons, Inc., 2001

Topic	Reading	Exercises
1. Introduction	DC: 1-9	
2. Types of Data	Notes: Ch. 2 DC: 50-51	Handout: Topic 2 DC: Pg 54 - 4,6
3. Introduction to Sampling	DC: 11-21	Handout: Topic 3 DC: Pg 22-23 - 2.1, 2.3, 2.6, 2.7
4. Data Display	DC: 25-35	Handout: Topic 4: 46-56 DC: Pg 37 - 3.3, 3.4, 3.5
5. Measures of Location	DC: 3941 Notes: Ch. 4	Handout: Topic 5: 1-8, 24-32 DC: 4.2, 4.7
6. Measures of Variability	DC: 42-47	Handout: Topic 5: 33-36
7. Parameters & Statistics		
8. Sampling Distributions	Notes: Ch. 5 DC: 47-49	Handout: Topic 4
9. Probability & Normal Distribution	Notes: Ch. 6 DC: 55-69	Handout: Topic 6 DC: Pg 69-70 - 5.2-5.10
10. Confidence Intervals-1	Notes: Ch. 7 DC: 71-75	Handout: Topic 9: 1-4, 6-7, 10 DC: Pg 83 - 6.1, 6.3, 6.10
11. Confidence Intervals-2 13,	DC: 75 - 78	Handout: Topic 10: 8- 16-17, 20-21, 25

12. Hypothesis Testing-1 One Population	DC: 87-92, 100-103	Handout: Topic 9: 5,8-9, 11 DC: 7.1
13. Hypothesis Testing-2	DC: 92-94	Handout: Topic 10: 1, 14, 22-23
14. Hypothesis Testing-3 Two Populations	DC: 94-96	Handout: Topic 10: 15, 26-29
15. Hypothesis Testing-4 Two Populations	DC: 96-100	Handout: Topic 10: 2-3, 5,6,7, 18-19
16. Proportions-2	DC: 111-119, 121-124	Handout: Topic 11: I-I I DC: Pg. 126 - 8.2
17. Chi-square Analysis	DC: 129-132 138-150	Handout: Topic 11: 12-24 DC: Pg 150- 9.1a, 9.5, 9.6