

Practice problems form Mann (10th Edition):

Instructions for accessing the ebook were provided in a separate email. Come and see me if you are unable to access the ebook.

Do as many problems as needed for understanding.

Note: Know p-value calculations for “z-tests” but omit for “t-tests”.

Chapter 9

- Section 9.1: 9.5, 9.7
- Section 9.2 (know p-values for z-tests): 9.11, 9.15, 9.17, 9.19, 9.21, 9.23, 9.27, 9.29, 9.31
- Section 9.3 (omit p-values for t-tests): 9.35, 9.37, 9.39, 9.41, 9.43, 9.45, 9.47, 9.49
- Section 9.4: 9.53, 9.55, 9.57, 9.59, 9.63, 9.65, 9.67

Chapter 10

- Section 10.1: 10.3, 10.5, 10.7, 10.9, 10.11
- Section 10.2: 4.15, 4.17, 4.23, 4.25, 4.27
- Section 10.4: 4.43, 4.45, 4.47, 4.49, 4.51, 4.53, 4.55, 4.57, 4.59, 4.61, 4.63, 4.65
- Section 10.5: 4.69, 4.71, 4.73, 4.75, 4.77, 4.79, 4.81

Chapter 11

- Section 11.1: 11.3, 11.5
- Section 11.2: 11.11, 11.13, 11.15, 11.17
- Section 11.3: 11.21, 11.24, 11.25, 11.27, 11.29
- Section 11.4: 11.31, 11.33, 11.35, 11.37

Chapter 12

- Section 12.1: 12.3, 12.5
- Section 12.2: 12.11, 12.13, 12.15

Chapter 13

- Section 13.1: 13.17, 13.19, 13.21, 13.23 (you might want to use Excel software to compute certain summary statistics first).
- Section 13.2: 13.25, 13.27, 13.29 (the quantity “ ρ^2 ” is “ r^2 ”, or the coefficient of determination.), 13.35
- Section 13.3: 13.37, 13.39, 13.41, 13.43
- Section 13.4: 13.45, 13.49, 13.51, 13.53, 13.55, 13.58
- **Section 13.5: If you understand regression, go here for a complete example: 13.63, 13.65**

Chapter 14:

See my course notes

Type I, II error computations and Power: see my list of problems discussed in class.