

Math 113: Statdisk Laboratory Manual

The following problems will be assigned out of the Statdisk Student Laboratory Manual and Workbook. The Statdisk software is included on the CD that comes with the textbook.

Exercises will be collected and graded.

Some of the problems involve generating data sets, so do not expect that your numerical values will always be the same as someone else's. You may, however, work together in groups on the lab exercises, but each person needs to turn in a complete set of exercises (that is, one copy per person, not one copy per group).

The lab exercises should be completed by the review day for the exam as concepts from the lab exercises (especially the 'effect of ____' problems) may be on the exam. The actual recording of the grade will take place during the exam over that chapter. The grade is based on having the work done, not on having the work done correctly (within reason).

You do not need to print out any of the output as requested in the instructions. Just view it on the screen.

| Pts | Ch | Problems |
|-------|-------|--|
| _____ | 2 | 1, 2, 3, 4, 6, 7, 9, 11, 14, 15. |
| _____ | 3 | 1, 4, 7, 8, 9, 10, 11, 12, 13, 15, 17, 18. |
| _____ | 4 | 2, 3, 6, 9, 14, 16. Use PDIST calculator program to find μ and σ in problems 2 and 3. Use BINOMIAL calculator program to find probabilities in 6-16.. |
| _____ | 5 | 1, 2, 5, 6. |
| _____ | 6 | 1, 6, 10, 13, 16, 17, 21, 23, 24. |
| _____ | 7 | 1, 2, 4, 7, 8, 10, 11, 13, 17. |
| _____ | 8 | 1, 4, 5, 6, 8, 10, 13, 15, 17. |
| _____ | 9 | 1, 2, 5, 6*, 9, 12. * Use SPSS instead of Statdisk. |
| _____ | 10 | 1, 2, 3, 5, 7, 8, 11, 12. |
| _____ | 11 | 2, 4, 6, 7. |
| _____ | Total | |