

**STA 2023 – Statistics**  
**Larson and Farber 7th edition**  
**Book Assignments**

| Section | Book Homework Problems   |
|---------|--|
| 1.1     | 1-10 all, 25-43 odd, 47, 49(45, 46, 48 optional)   |
| 1.2     | 1, 2, 7-14 all, 15-31 odd, 32, (33,34 optional)  |
| 1.3     | 1-14 all, (19 or 20), 24-26 all, 28, 31-34 all, 37   |
|         | <b>Putting It All Together pg 34</b>   |
| 2.1     | 1-6 all, 15,19, 21, 23, 35, 36, 38, 40, 45   |
| 2.2     | 2-4all, 13, 15, 17, 19, 20, 23, 26, 28, 29, 32, 37   |
| 2.3     | 1-16all, 17-29odd, 35, 37-40all, 41, 43, 58  |
| 2.4     | 9, 11, 12, 13, 15, 16, 19, 22, 29-33odd, 36, 38, 45, 50, 51, 53                                |
| 2.5     | 9, 10, 23, 27, 31, 41, 45, 49, 50  |
|         | <b>Putting it All Together pg 122</b>  |
| 4.1     | 1-8all, 13-18 all, 19, 21, 25, 27, 28, 29, 31  |
| 4.2     | 15, 17, 19-25 all, (27 or 30) 31, 32   |
| 5.1     | 1, 3, 7, 8, 9, 10, 11-16all, 17-21 odd, 23-35odd, 40, 41-46all, 47-55 odd                      |
| 5.2     | 7, 9, 11, 13-20 all  |
| 5.3     | 1-11odd, 17-22all, 23-29odd, 31, 33,35   |
| 5.4     | 15, 17, 19, 29-37odd   |
| 6.1     | 1, 3, 21-31 odd, 35-43 odd, 47, 49   |
| 6.2     | 1-11odd, 17 21, 27, 32, 35, 36, 37, 41 or 42   |
|         | <b>Case Study Pg 319</b>   |
| 6.3     | 1, 2, 3-6 all, 11, 13, 17, 18, 19, 25, 26, 30, 35  |
|         | <b>Putting it all Together pg 342</b>  |
| 7.1     | 1-10all, 21, 23, 25, 30, 37, 38, 39, 43, 44, 47, 49  |
| 7.2     | 1, 9, 11, 13, 19-23odd, 25, 26, 31, 33, 34, 35, 37-41 odd (a lot but they need the practice :) |
| 7.3     | 2, 3-9 odd, 19-25 odd, 27, 28, 29  |
|         | <b>Case Study pg 387</b>   |
| 7.4     | 2, 3, 5, 9-12all, 13-16 (optional), 17   |
| 8.1     | 1-8all,12,14, 16, 17-23 odd, 24  |
| 8.2     | 2, 3-5all, 9, 11,13-21odd, 23, 25  |
|         | <b>Case study pg 436</b>   |
| 8.3     | 1-5all, 9-19odd, 23  |
| 8.4     | 1, 3, 4, 7-18(odd or even), 19, (23 or 24 optional)  |
|         | <b>Putting It All Together pg 462</b>  |
| 9.1     | 1-18all, 19, 20, 23-27 odd, 33 & 34 (Compare results from both 33 & 34 and analyze)            |
| 9.2     | 7-16all, 19-23odd, 24, 27-30all  |
| 9.3     | 1-4all, 7-19 odd   |
|         | <b>Uses and Abuses pg 514</b>  |
| 10.1    | 1, 2, 7-15odd (Goodness of Fit test)   |

There is a chapter review and quiz at the end of each chapter that you may assign to your students also.

\*\* Note: **MyStatLab** online homework is available if you choose to use that instead of  
or in addition to the above assignments: Course-copy: **howard46455**  
Then go into the CourseTools → Assignment Manager and do Action-Edit to choose the problems you want to include.

Possible Additional work for projects you may wish to assign:

- 10 homework questions, topics of the students' choice, with data sets chosen from the *Florida Statistical Abstract*
- 1 project per chapter that is based on a real life example from a current newspaper or scientific journal. Professor Sloan currently uses *American Scientist*, and finds it provides good data sets on which to base projects.
- 1 "big project" done in class in pieces. The students mimic the research style to create their own final project covering the course. A main goal is to demonstrate that data is found in all media in current times. All questions are from that term's media sources, except those from the *Florida Statistical Abstract*, which comes out yearly.
- In-Class Group Activities per chapter to get more hands-on experience with statistical concepts. You might choose interesting problems you find in the book and expand on them to create an activity or you might draw on interesting issues of current or past times in the news to create learning activities relevant to students' lives.