

Instructions: Do the reading, then go through the questions, think about them, referring back to the reading when necessary, and write short answers (ranging between 1-2 sentences and couple paragraphs) for each. (If you feel you addressed one question in an answer to another, feel free just to refer to that.) Turn in your answers on the day the reading is due. You may discuss these questions with others but all answers should be written in your words (though you may use occasional quotes).

To be turned in:

1. What are your overall thoughts on Chapter 8?
2. What are your overall thoughts on Chapter 9?
3. Argue for or against Ellenberg's claim that no big visible clusters of stars is evidence of a nonrandom process. (For simplicity, you can assume the stars are just points in a plane, rather than in our physical spacetime.)
4. Do you agree with Ellenberg's statement that it may be possible to *structure the concept of structurelessness itself*? Why or why not?
5. Consider the first two p -value graphs in Chapter 9. Are they really what you should expect to see assuming no p -hacking?
6. Do you agree more with the Fisherian approach or the Neyman–Pearson approach to statistical studies? Can you give examples where one is more appropriate than the other?