

Name: _____

DATA 420 — Spring 2024

Reading check #11: Silver ch. 8

Mar. 14, 2024

1. What three quantities must you estimate in order to make use of the theorem that is the subject of this chapter? (You can express them in general terms, or in the specific terms of finding panties in a man's underwear drawer.)
2. Professional sports gambler Haralabos Voulgaris big secret is that he doesn't have a big secret. What does he have instead?
3. What's the fundamental difference between Bayesianism vs. Frequentism?
4. On what scientific question did R. A. Fisher make a grievous error of judgment in the last years of his life, which helped demonstrate the limitations of his statistical approach?
5. John P. A. Ioannidis observed that we have seen explosive growth in the availability of information in the last few decades, and we can now measure millions and millions of potentially interesting variables. What disadvantage to this does he mention?