

Week 6 Discussion: Confidence Interval Concepts

84 unread replies. 8787 replies.

Required Resources

Read/review the following resources for this activity:

- Textbook: Chapter 8 (All Sections)
- Lesson
- Minimum of 1 scholarly source

Initial Post Instructions

Find an example of a confidence interval in the news, scholarly source or medical journal. Summarize the article/study. Does the article/study include the sample size and the level of confidence used to create the confidence interval? Explain what the confidence interval means in context of the news article or scholarly source.

Follow-Up Post Instructions

Respond to at least one peer. Further the dialogue by providing more information and clarification.

Here are some suggested responses--

1. How do you think the confidence interval that was presented in the study was calculated?
2. Explain the mathematical concepts could you extract from this article/study.

Writing Requirements

- Minimum of 2 posts (1 initial & 1 follow-up)
- APA format for in-text citations and list of references

The article I selected discusses association between secondary prevention medications use in the elderly population following an acute myocardial infarction. Researchers from the American heart association wanted to know if the use of guideline recommended medications (Antiplatelets, beta blockers, statins, and renin angiotensin aldosterone system inhibitors) following myocardial infarction was in fact beneficial to the frailer elderly population or if the perceived lack of benefit due to potential increased risk of harm was. As well as lack of supporting data. The study concluded that use of guideline recommended medications following a myocardial infarction was associated with a