

Week 3 Discussion: Epidemiological Methods and Measurements

Cross-Sectional Study and a Cohort study

This week we are comparing and contrasting epidemiological methods of research; case-control and cohort study methods. Select either the case-control or cohort study method and compare its features, the methodology, to a randomized controlled trial using the following questions. Please format, organize, your responses using each question below:

- 1. What is the fundamental difference between the method you have chosen (either the case-control or cohort method) and the randomized controlled trial?**
- 2. What are the advantages and disadvantages of the study method you chose (casecontrol or cohort study)?**
- 3. What are the characteristics of a correlational study?**
- 4. Where does the method you chose (case-control or cohort study) fall on the research pyramid? What does where it is on the research pyramid mean?**

Post your response to the DB. Your analysis should have in-text citations and utilize a scholarly voice with APA formatting.

Respond to a total of two posts: Either two (2) peer posts or a peer and faculty post (all faculty posts require a response), with a minimum of one paragraph of 4-5 sentences, on two (2) different days of the week. Your reply post should be specific to this week's topic of epidemiological research methods and should integrate in-text citation(s).

Your reply post/s should integrate course content (such as course terminology) related to the study method as well as an integration of in-text citations along with a scholarly voice and APA formatting. The textbook may be utilized as a resource.