

Name

Course

Tutor

Date

Response to discussion #7-1

You have provided a very detailed introduction in trying to explain from a general perspective what confidence interval entails. I agree with your assertion that the confidence interval involves estimating an unknown value from the population. Thus, it is a good estimate within a given study. The ability to identify the best estimate depends on the level of error considered. Your discussion is very clear especially considering the concepts that you have included which show the statistical aspect of your discussion considering important statistical terms that you have include where it is easier to understand what the discussion entails. The theories associated with sampling distribution provide a better focus on confidence interval as well as important concepts, which define a successful engagement on core elements that define a better estimate being evaluated.

You have outlined 99% and 95% which are commonly used degrees of freedom although you have not provided a critical focus on the degree of error included as well as the degree of freedom which provides a more accurate estimate based on the available data. It is important for your discussion to highlight important strategic measure which helps in defining a successful engagement within a given research context. You have mentioned the margin of error although you have not provided the existing relationship between confidence interval and margin of error. I agree with your statement that 95% is a better degree of freedom due to considerable focus on sample population as well as the underlying level of error, which is 5%, and thus it can provide a better estimation of the confidence interval.

