

Download Calculate With Confidence

How to Calculate Confidence Interval. A confidence interval is an indicator of your measurement's precision. It is also an indicator of how stable your estimate is, which is the measure of how close your measurement will be to the original...What is a Confidence Interval? Confidence intervals are an essential part of inferential statistics, upon which most market research is based. Put simply, in statistics, a confidence interval is a type of interval estimate that is computed from the data that has been observed from a sample.² Calculate Confidence Interval. Now that we have a population of the statistics of interest, we can calculate the confidence intervals. This is done by first ordering the statistics, then selecting values at the chosen percentile for the confidence interval. If you know the standard deviation for a population, then you can calculate a confidence interval (CI) for the mean, or average, of that population. When a statistical characteristic that's being measured (such as income, IQ, price, height, quantity, or weight) is numerical, most people want to estimate the mean (average) value for the population.