Works!

You have learned about PHStat add-in to Microsoft Excel® in the previous chapters. You have seen that it contains different functions related to statistical experiments. In this section, you will learn how to construct confidence intervals using PHStat in Microsoft Excel®.

Open Microsoft Excel[®] and enable PHStat as you did in the previous chapters. Then follow each set of instructions below.

Estimation of the Population Mean (σ known)

1. After enabling PHStat, click **Add-Ins**. Under the **Menu Commands** group, click **PHStat**.



2. Select **Confidence Intervals**, then **Estimate for the Mean, sigma known**. The Estimate for the Mean, sigma known window will appear.



Data Population Standard Deviation: Confidence Level: 95 % Input Options C sample Statistics Known
Population Standard Deviation: Confidence Level: 95 % Input Options C Sample Statistics Known
Confidence Level: 95 % Input Options C Sample Statistics Known
Input Options Sample Statistics Known
C Sample Statistics Known
Sample Size;
Sample Mean:
Sample Statistics Unknown
Sample Cell Range:
First cell contains label
Output Options
Title:
Finite Population Correction
Population Size:
Help OK Cancel



Estimation of the Population Mean (σ unknown)

- 1. After enabling PHStat, click Add-Ins. Under the Menu **Commands** group, click **PHStat**.
- 2. Select **Confidence Intervals**, then Estimate for the Mean, unknown window will appear.



Estimation of the Population Proportion

- 1. After enabling PHStat, click Add-Ins. Under the Menu Commands group, click PHStat.
- 2. Select Confidence Intervals, then Estimate for the Proportion. The Estimate for the Proportion window will appear.





Estimation of the Population Variance

- 1. After enabling PHStat, click **Add-Ins**. Under the **Menu Commands** group, click **PHStat**.
- 2. Select **Confidence Intervals**, then **Estimate for the Population Variance...**. The Estimate for the Population Variance window will appear.

