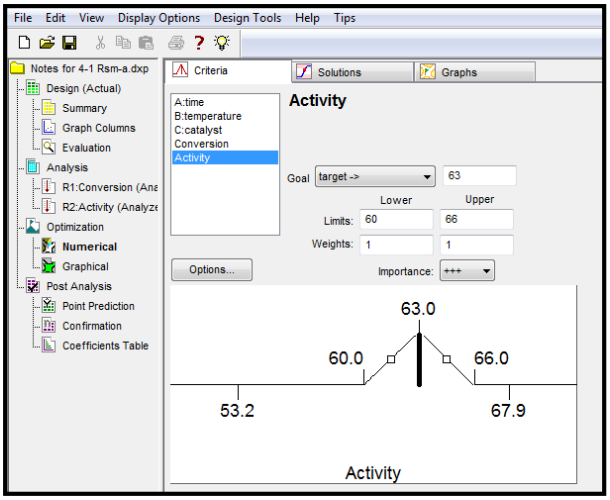
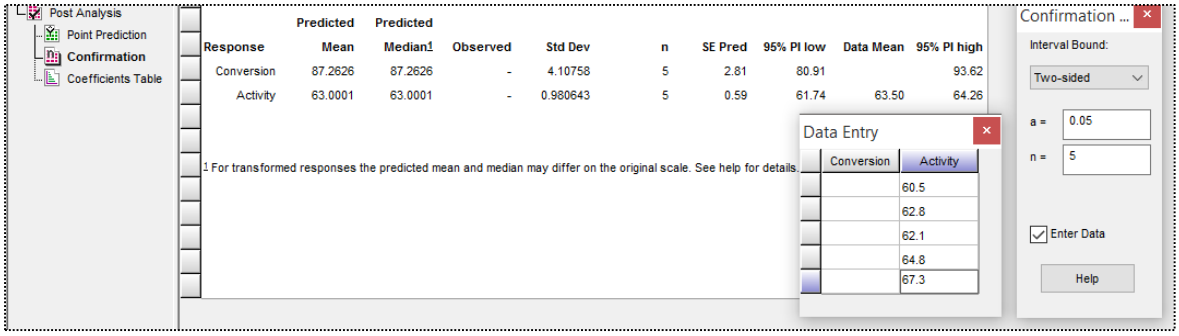
Design-Expert® Software: Confirmation Runs Feature

Design-Expert (DX) allows direct entry of confirmation runs for model validation. To see this demonstrated, **open** "**RSM-a.dxpx**". Then, as shown at right, under the **Optimization** branch, do a **Numerical** optimization to **target** the **Activity** at **63** within specification **Limits** of **60** and **66**. Click the **Solutions** tab to see the result of Design-Expert's search for the most desirable combination of factors.



Now, click the **Confirmation** node (shown below) and for **n = 5** check (✓) the **Enter Data** box and, in the spreadsheet that pops open, type the **Activity** results shown below:



The mean then appears in the middle of the prediction interval—black if OK, but red when out of bounds.

How did you do?