

# MINITAB 21 SHOWCASE

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## GETTING STARTED

- Drop and drag *clean* Excel files into the worksheet
- Categorical variables
  - Labels are fine
  - Right click to set the order
- Variable names
  - Use precise labels
  - Spaces are fine

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## SETTING DEFAULTS

- File > Options to set a wide range of graphical (and other) defaults

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## UPDATING GRAPHS

- With any changes to the worksheet, an option to Update the graph will appear

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## PLOTTING DATA

- Histograms, dot plots, individual value plots
- Boxplots
- Scatterplots, marginal plots, bubble plots
- Bar charts

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## PLOTTING COMPLEXITY

- Multiple graphs > By variables, to panel by one or more categorical variables
- Multiple graphs > Combine multiple graphs into panels
- Layout tool, to combine any graphs into a single layout

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## PLOTTING INFERENCES

- Interval plots
- Confidence interval plots for pairwise comparisons, after model fitting
- Confidence intervals, predictions intervals for regression
- Tricks for other estimates and confidence intervals

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## TAILORING

- Double click to edit features
- Right click on graph to add features
- Add text, arrows, etc

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## EFFICIENCIES

- Drop down > Make similar graph
- History shows the code for tailored graphs; also Copy commands
- Graphs listed in the Navigator

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## EXPORTING

- Drop down menu to send to Word or Powerpoint
- Save as publication quality jpeg, tif, png, bmp

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## LIMITATIONS

- Length of variable names
- Panel labels cannot be directly edited

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*This document refers to Minitab 21 for PC.*

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