The newer capabilities you introduced in the Taguchi Templates of SigmaXL are very useful. The common experiment design options you now offer (Templates on use of L-4, L-8, ..., L-27 orthogonal arrays), are quite pragmatic and user-friendly. Most application minded practitioners should find these templates very attractive for their experimental designs and analyses tasks. Users can now easily design a Taguchi experiment using a selected template and carry out the trial conditions. Once the test results are entered, analyses are performed instantly, saving valuable time for interpretation of experimental outcomes.

Dr. Ranjit K. Roy
Consultant and Author of the book “A Primer On The Taguchi Method”.

Dr. Peter Wludyka

I am happy to endorse the ANOM Charts introduced in SigmaXL Version 8. They are easy to use and accurately handle balanced and unbalanced data. We collaborated to extend Multiway Slicing to Binomial and Poisson and these are included in the Two-Way charts, where SigmaXL automatically recommends the Slice Charts when the interaction is significant.

Dr. Peter Wludyka

Features include:
- Taguchi Orthogonal Arrays include:
  - 2 Level: L4, L8, L12, L16
  - 3 Level: L9, L27
  - Mixed 2/3 Level: L18
- Fill in the blanks template, charts automatically update
- Predicted Response Calculator and Charts for Mean, Standard Deviation (or Ln Standard Deviation) and Signal-to-Noise Ratio
- Pareto of Deltas (Effects) and ANOVA SS (Sum-of-Squares) % Contribution (for Main Effects and Two-Way Interactions)
- Main Effects Plot and Interaction Plots (if applicable)
- For designs with aliased interactions, a drop-down list of available aliased interactions is provided. This is much easier to use than Linear Graphs.
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Data Manipulation
- Category Subset
- Random Subset
- Numerical Subset
- Date Subset
- Transpose Data
- Stack Subgroups Across Rows
- Stack Columns
- Unstack Columns
- Random Data
- Box-Cut Transformation
- Standardize Data
- Data Preparation

Templates and Calculators
- DMAIC & DFSS Templates
- Lean
- Basic Graphical Templates
- Basic Statistical Templates
- Probability Distribution Calculators
- Basic MSA Templates
- Basic Process Capability Templates
- Basic DOE Templates
- Basic Taguchi DOE Templates
- Basic Control Chart Templates

Graphical Tools
- Basic Graphical Templates
- Basic Pareto Chart
- Advanced Pareto Charts
- Advanced Pareto Options
- EZ Violin/Pivot Charts
- Basic Histogram
- Histograms & Descriptive Statistics
- Histograms & Process Capability
- Dotplots
- Boxplots
- Normal Probability Plots
- Run Chart
- Overlay Run Chart
- Multi-Vari Charts
- Multi-Vari Options
- Scatter Plots
- Scatter Plot Matrix
- Analysis of Means (ANOM)

Statistical Tools
- Basic Statistical Templates
- Descriptive Statistics
- 1 Sample t-Test & Confidence Intervals
- Paired t-Test
- 2 Sample t-Test
- 2 Sample Comparison Tests
- One-Way ANOVA & Means Matrix
- Welch’s ANOVA (Assume Unequal Variances)
- Two-Way ANOVA
- Equal Variance Tests
- Correlation Matrix
- Regression
- Chi-Square Tests
- Chi-Square Tests - Exact
- Nonparametric Tests
- Nonparametric Tests - Exact
- Power & Sample Size Calculators
- Power & Sample Size with Worksheets
- Power & Sample Size Chart

Measurement Systems Analysis
- Basic MSA Templates
- Create Gage R&R (Crossed) Worksheet
- Analysis Gage Minitab (Crossed)
- Attribute MSA (Binary)
- Attribute MSA (Nominal)

Process Capability
- Basic Process Capability Templates
- Histograms & Process Capability
- Capability Combination Report (Individuals)
- Capability Combination Report (Subgroups)
- Nonnormal

Design of Experiments
- Basic DOE Templates
- Basic Taguchi DOE Templates
- 2-Level Fractional Screening
- Response Surface

Control Charts
- Basic Control Chart Templates
- Control Chart Selection Tool
- Individuals
- Individuals & Moving Range
- X-Bar & R
- X-Bar & S
- Attribute Charts
- Nonnormal
- Advanced Charts
- 'Tests for Special Causes' Defaults

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