

MINITAB STATISTICAL SOFTWARE ADD-ON

Leverage the Power of Data Analysis with Minitab's Reliability Analysis Module



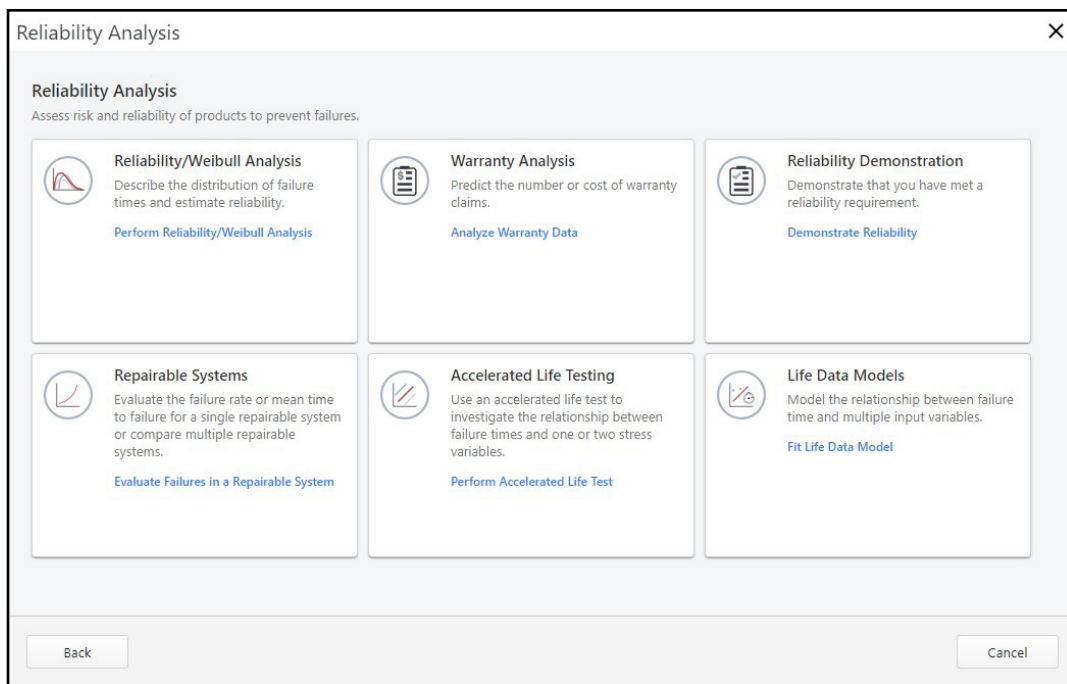
Analyze



Evaluate

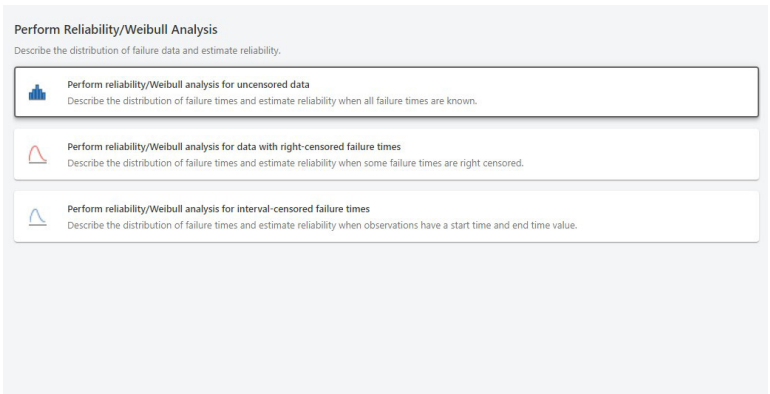


Demonstrate





Reliable Calculations

Minitab's Reliability Module offers an unparalleled solution for bolstering your data-driven decision-making process. Equipped with an intuitive interface and an extensive array of tools, this module empowers reliability engineers to navigate intricate data analysis effortlessly. Through harnessing cutting-edge resources, Minitab's Reliability Module places the most robust calculations conveniently within reach, enabling accurate insights and informed choices.



Evaluate Failures In A Repairable System

Evaluate the failure rate or mean time to failure for a single repairable system or compare multiple repairable systems.

-  **Fit a distribution to times between failures to evaluate the failure rate or mean time to failure**
Parametric Growth Curve
-  **Evaluate the failure rate or mean time to failure without assuming a distribution**
Nonparametric Growth Curve




Proven Performance

Statistical analysis is one of the many responsibilities of reliability engineers. For over 50 years, Minitab Statistical Software has been the go-to solution for data analysis for engineers in numerous disciplines. Minitab empowers experts to unlock valuable insights, which can drive innovation and lead to critical breakthroughs.

On-Demand Assistance

Minitab is with you every step of your analysis. Information icons connect you to support pages with familiar terminology and reliability examples, while our industry-leading technical support team is available online or via phone to help.

Perform Accelerated Life Test
Use an accelerated life test model to investigate the relationship between failure times and one or two stress variables.

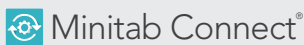
-  **Determine the optimal sample size and allocation to stress levels for an accelerated life test**
Accelerated Life Test Plans
-  **Model the relationship between failure time and stress variables to estimate reliability under normal use conditions**
Accelerated Life Testing
-  **Perform an accelerated life test with a binary outcome, such as fail or not fail**
Probit Analysis



Accelerate your digital transformation

Talk to Minitab today
minitab.com

Automation and Reporting



Integrate and transform data for analysis, reporting and monitoring

Data Analysis & Predictive Modeling

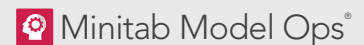


Powerful statistical software everyone can use



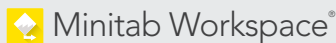
Machine learning and predictive analytics software

Model Deployment and Monitoring



Model lifecycle management on a simple yet powerful platform

Visual Business Tools



Visual tools to ensure process and product excellence

Project Ideation & Execution



Start, track, manage, and execute innovation and improvement initiatives

Self-Paced Learning



Master statistics and Minitab anywhere with online training

Quality Solutions



Monitor, respond, and deliver immediate quality and process monitoring

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