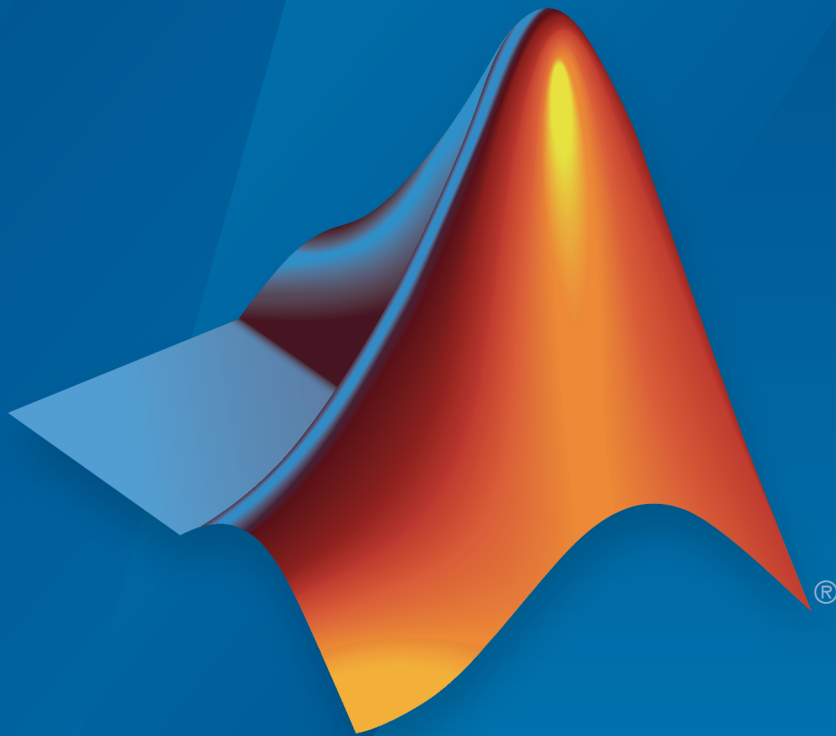


Risk Management Toolbox™ Release Notes



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R2016b

Version: 1.0

New Features

Consumer Credit Risk: Binning Explorer for Credit Scorecards

Binning Explorer is an app for developing and modifying binning assignments for a `creditscorecard` object. For more information, see [Binning Explorer](#).

Corporate Credit Risk: Copula-based simulation framework

The following tools support corporate credit portfolio analysis using a `creditCopula` object for copula-based simulations:

- `creditCopula` — Creates a `creditCopula` object.
- `simulate` — Simulates credit defaults using a `creditCopula` object.
- `portfolioRisk` — Generates portfolio-level risk measurements for a `creditCopula` object.
- `confidenceBands` — Generates confidence interval bands for a `creditCopula` object.
- `riskContribution` — Generates risk contributions for each counterparty in the `creditCopula` object.

Market Risk: Value-at-Risk Backtesting Tools

Value-at-risk (VaR) is an important measure of financial risk. VaR is an estimate of how much value a portfolio can lose in a given time period with a given confidence level. VaR backtesting tools assess the accuracy of VaR models. The following VaR backtesting tools are supported:

- `varbacktest` — Creates a `varbacktest` object using portfolio outcomes data and corresponding value-at-risk (VaR) data.
- `bin` — Binomial test.
- `cc` — Christoffersen's conditional coverage mixed test.
- `cci` — Christoffersen's conditional coverage independence test.
- `pof` — Kupiec's proportion of failures test.
- `tbf` — Haas's time between exceptions independence test.
- `tbfi` — Haas's mixed time between exceptions (independence and frequency) test.
- `t1` — Traffic light test.
- `tuff` — Kupiec's time until the first failure test.

-
- `summary` — Summary report on the given `varbacktest` data.
 - `runtests` — Runs all tests and reports the final test results.

