

Risk Radar

Portfolio Credit and Liquidity Risk Analysis for Thomson Reuters EIKON™

▶ Solution overview

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Risk Radar

Automates and empowers

risk analysis for internal decision making and compliance.

Optimizes

user productivity and cost effectiveness of the analysis.



Risk Radar - Key features

Estimates tailor-made credit transition matrices from historical ratings.

Estimates portfolio expected losses due to credit transition and default.

Allows the use of custom price sources for each asset in the portfolio & benchmark.

Estimates portfolio liquidity measures for bid-ask spreads and trading frequency.

Applies risk models under normal conditions and under stress.

Easily imports/exports portfolio positions, reference assets and transition matrices.

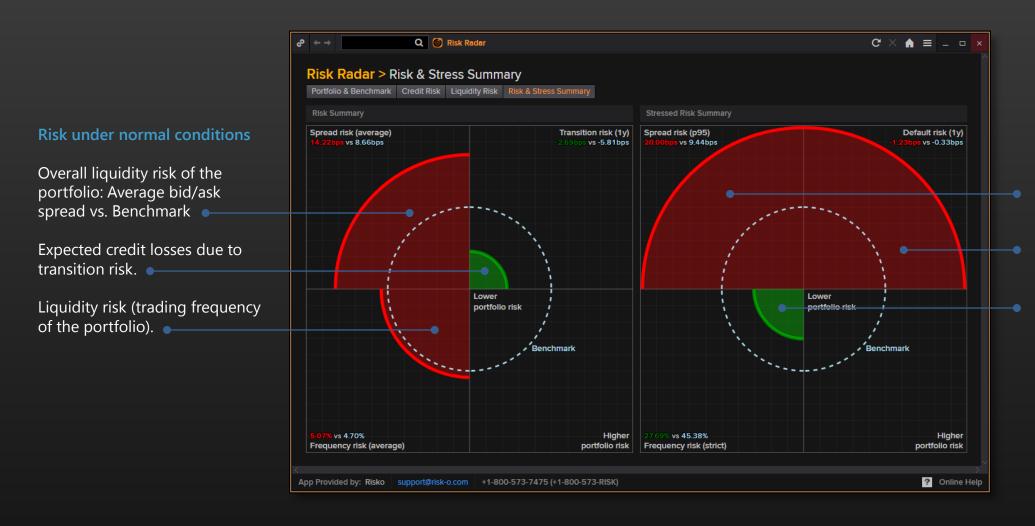
Risk Radar is available to all users of Thomson Reuters EIKON™, for a fee (free trial for 30 days).



Application modules

Risk Summary Portfolio Management Credit Risk Liquidity Risk

Portfolio Risk & Stress Summary



Risk under stress

Extreme scenario of bid/ask spread increase (p95)

Expected credit losses due to default risk.

Strict trading frequency of the portfolio.





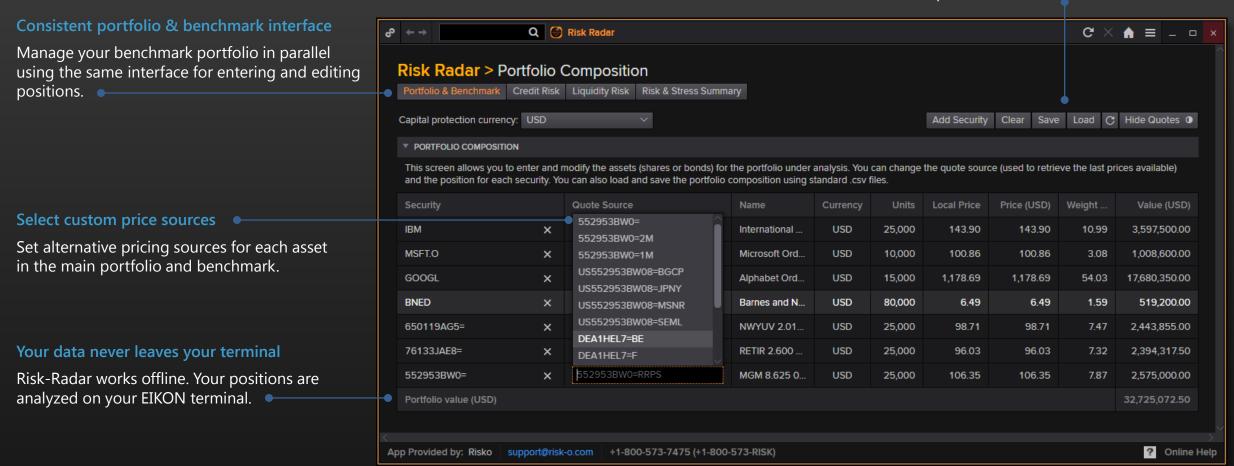
Application modules

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One-click import / export

Save and Load portfolios and benchmarks from universal CSV spreadsheet files.

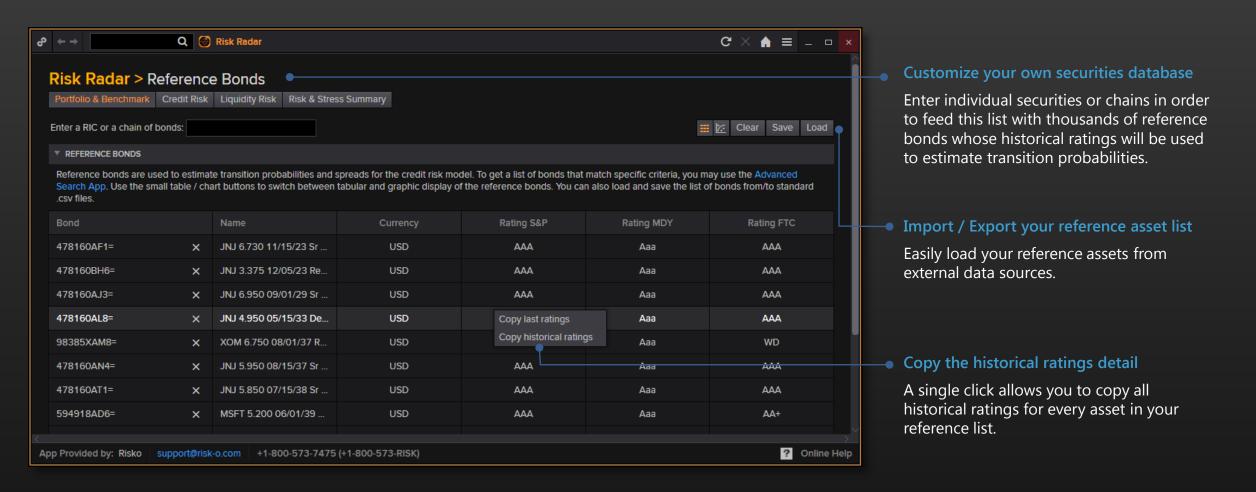








Reference Bonds – For Credit Transition Matrix estimation

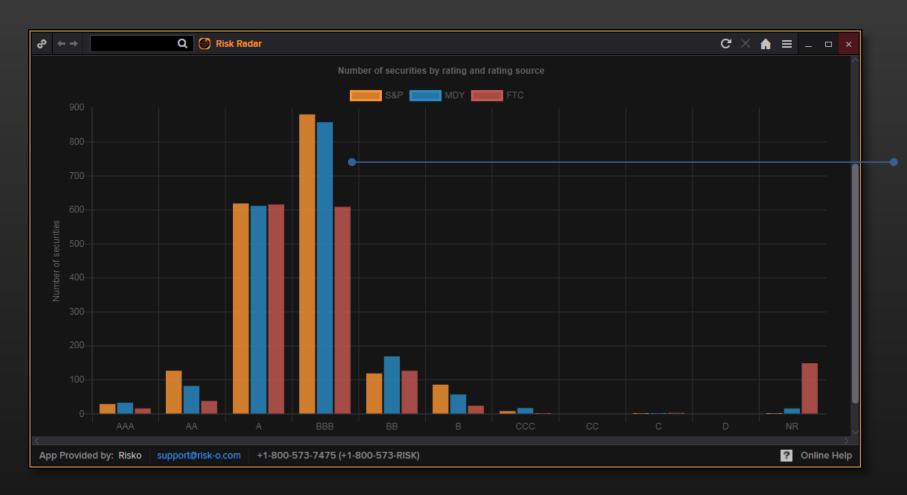


Risk-Radar





Reference Bonds – For Credit Transition Matrix estimation



Review the distribution of your sample

Count the bonds in your sample grouped by current rating and rating issuer.





Application modules

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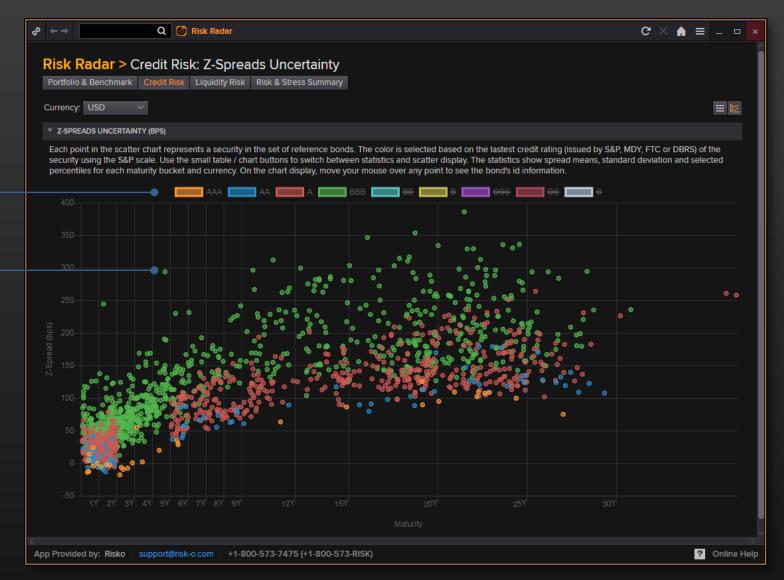
Z-Spreads uncertainty - Scatter

Look beyond the spread curve

These are the points that form the spread curve. Their dispersion provides critical information about the uncertainty and volatility of spreads for each rating, maturity bucket and currency.

Easily identify outliers

Just move your mouse over any point and the application will identify the security for you.

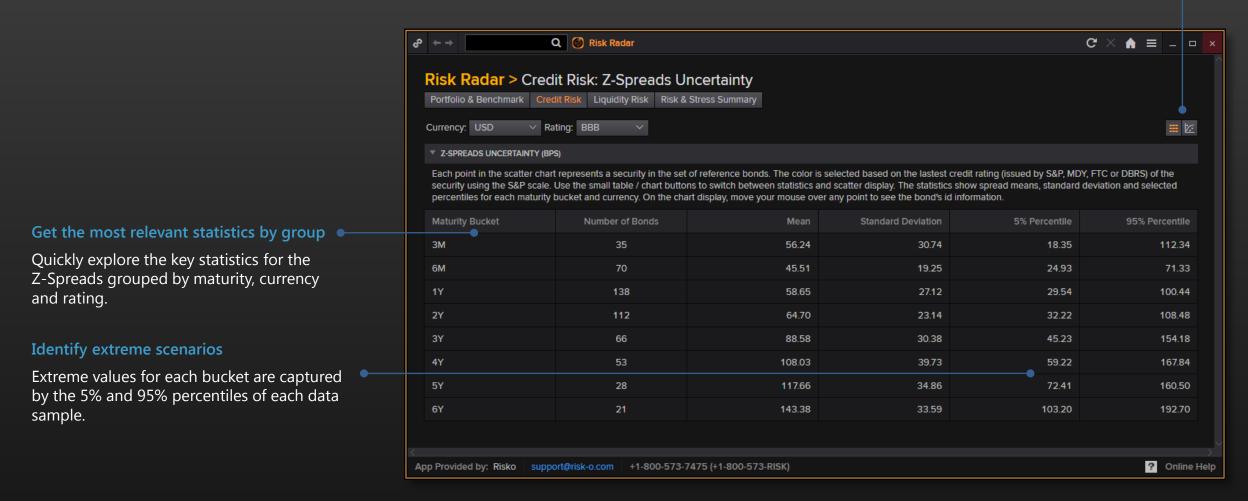






Switch from scatter view to statistics

Use these buttons to select your report style









Credit Transition Matrix Estimation

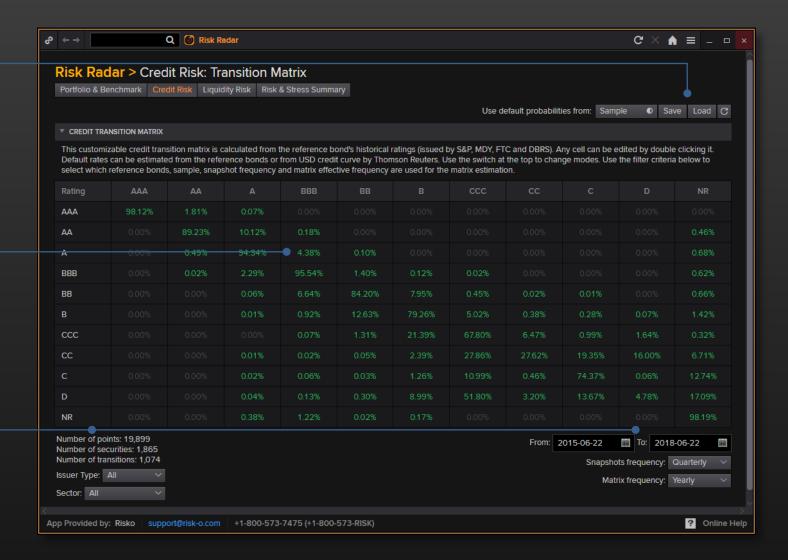
Risk-Radar automatically estimates credit transition matrices from the historical ratings of the reference assets according to your configuration and parameters. However, if you prefer to use an external matrix, you can use the Load / Save options.

Edit the values to perform what-if analysis •

Manually edit the probabilities of the matrix to conduct what-if analysis. All internal rebalancing is done automatically.

Easily configure the calculation parameters •

Easily adjust the sample and filter the securities employed to estimate the transition matrix. You can even change the snapshots frequency and the time horizon of the matrix itself.







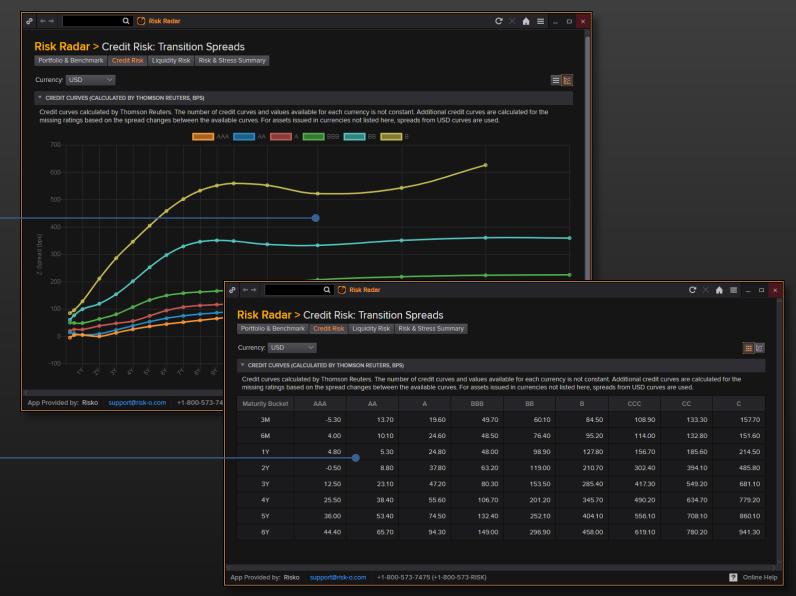


Estimate the spread distances between ratings •

This calculation is carried out separately for each currency, rating and maturity bucket.

Review the detailed data of mean spreads •

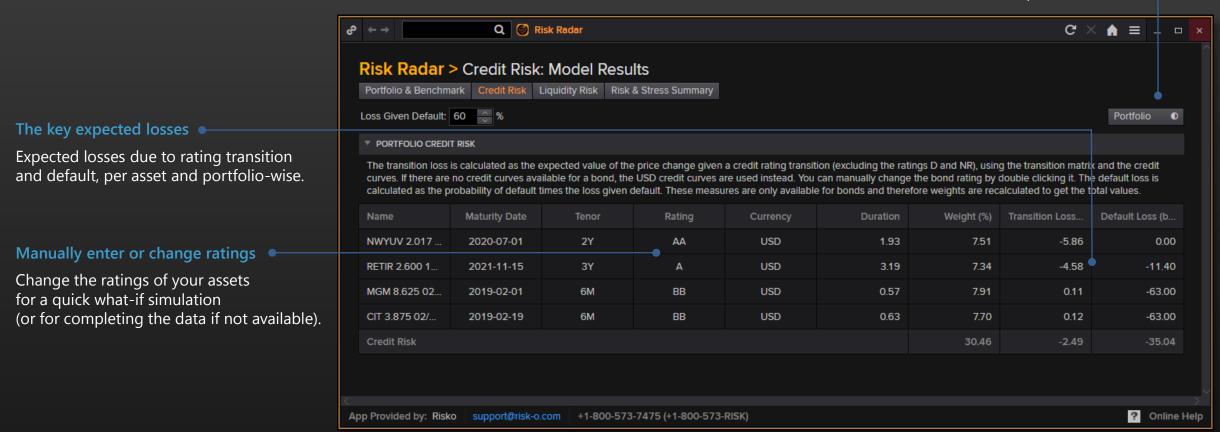
These are the values used to estimate the shock in spreads for each possible scenario of rating variation for each asset in the portfolio.









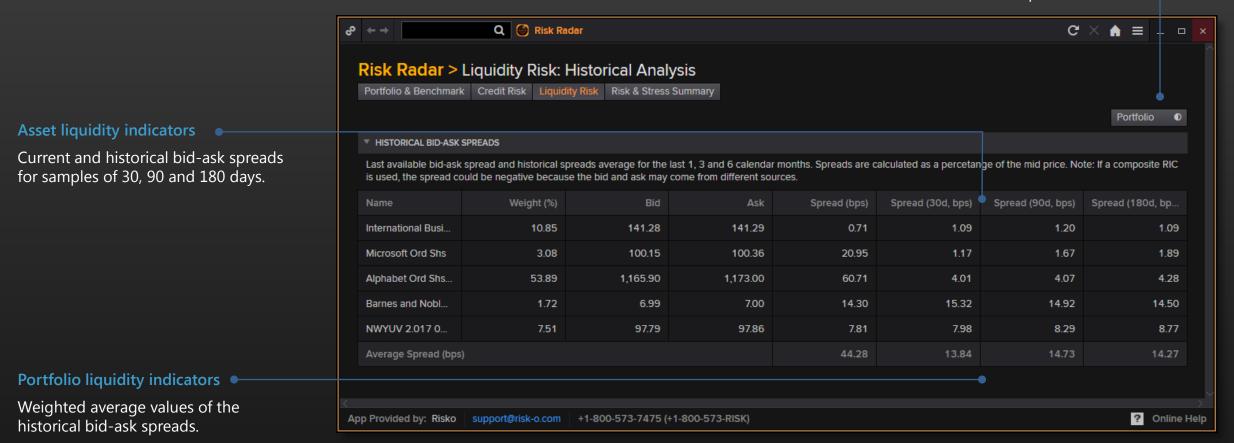




Application modules

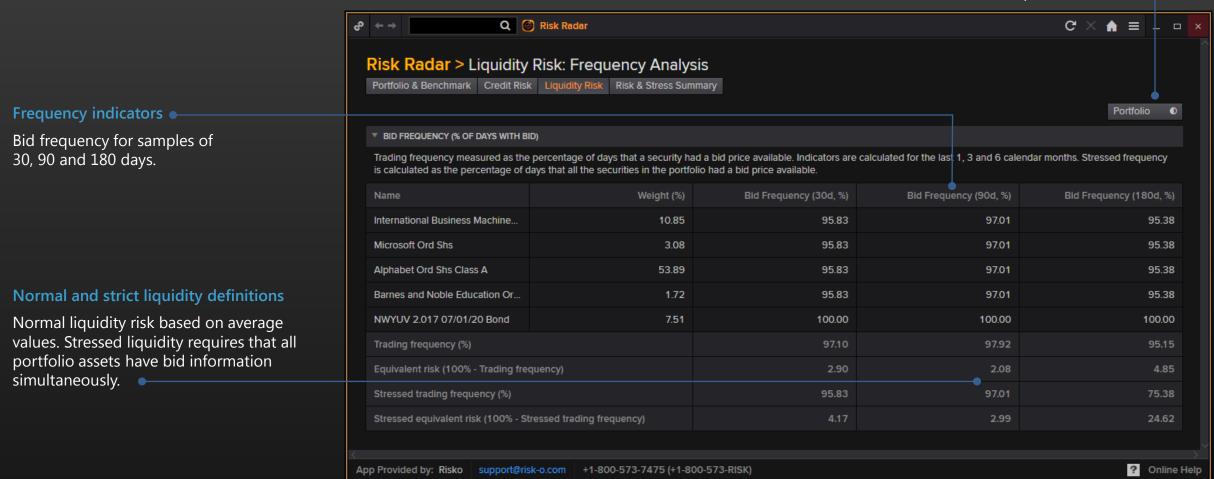
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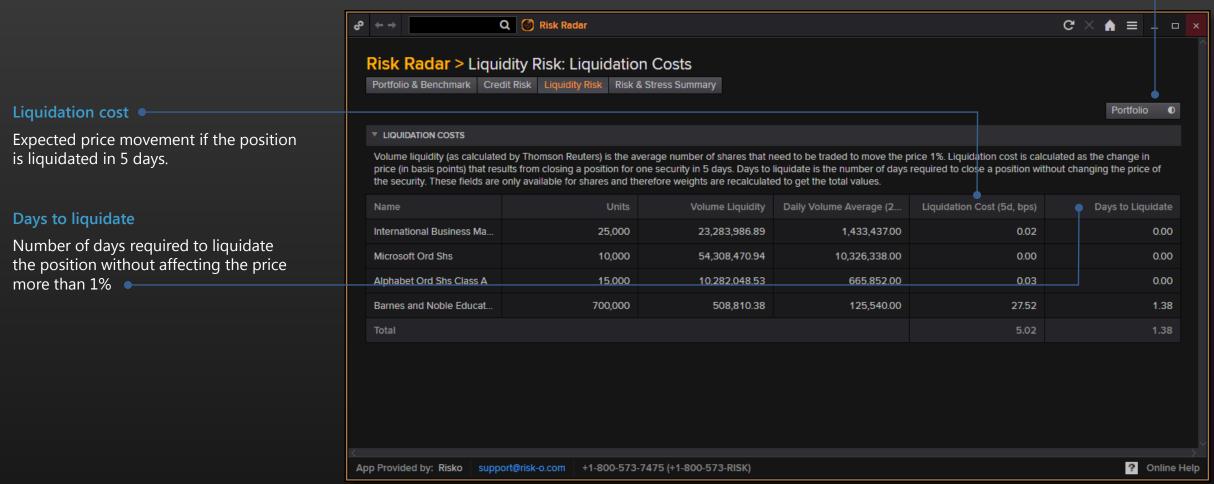
















Portfolio Liquidity Trend

Switch the target of analysi

Go from the portfolio report to the benchmark report in one click.

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Triple trend

Risk-Radar reports the liquidity trend for the portfolio (weighted average spread), the most liquid and most illiquid asset for each date.

Identify the most illiquid assets •

Move the mouse over any bar and the application will identify the more illiquid and more liquid asset for each date.



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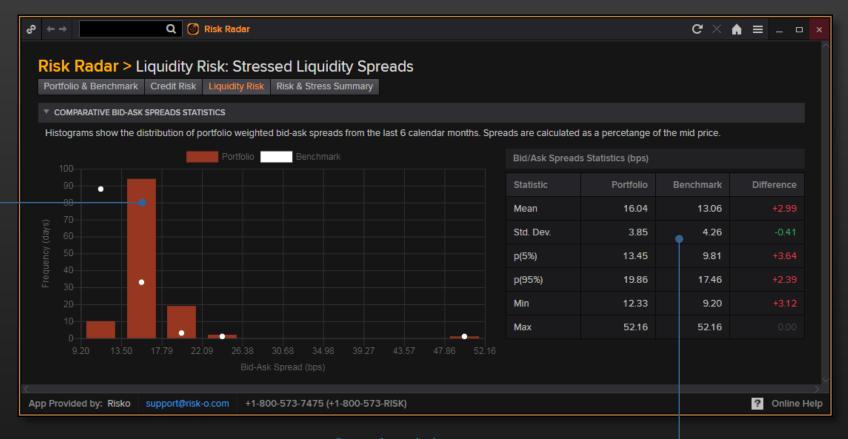


PC

Portfolio Stressed Liquidity Spreads

All scenarios in an easy-to-read histogram •

Built using information from the last six months, it allows you to appraise the distribution of spreads and compare them to those of the benchmark portfolio.



Spread statistics

Quickly access the key statistics and differences between the portfolio and benchmark.



Risk-Radar



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