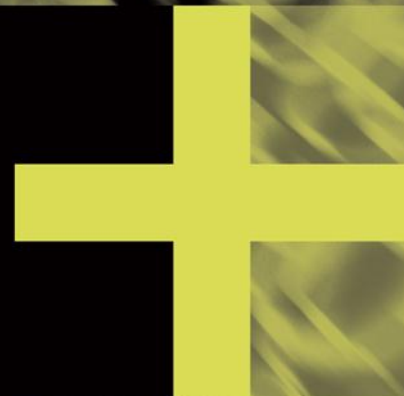


Property & Casualty
Economic Scenarios

barrie+hibbert

Powering objectivity in the global financial services industry



Features

+General

- Intuitive and economically plausible random generated scenarios
- Generated using best of breed, back-tested and evolving models built in an integrated framework
- Available in over 20 economies

+Multi-asset

- Nominal and real yield curves
- Government, municipal and corporate bonds
- Inflation indices (including medical cost inflation)
- MBSs
- FRNs
- All main equity indices
- Real estate
- Private equity
- Hedge funds
- Commodities
- Vanilla swaps and swaptions
- Vanilla options

+Portfolio modelling

- Standard portfolios available
- Specify your own, applying alternative rebalancing rules

+Calibration

- Standard multi-economy calibration updated quarterly
- Uses current market data and our views on the long term
- Bespoke offering available by specifying your own calibration targets/frequency/ data

+Compatible

- Compatible with leading P&C ALM software

P+C Economic Scenarios

Understanding and managing risk is at the heart of what every Property & Casualty insurer does. The events of late 2008 have brought market risk back into the spotlight.

Rating agencies and regulators continue to insist on best practice, with a focus on integrating Enterprise Risk Management tools into decision making. For results to be meaningful, these tools require an understanding of just how bad markets can be, using economically-coherent models that describe plausible, but extreme, future paths.

Barrie & Hibbert's P+C Economic Scenarios are these paths, delivering the results of thousands of simulated future rates, yields, returns and asset prices directly to you. Our solution includes best of breed models, regular updates and comprehensive documentation.

Benefits

Best of breed: Voted top provider for economic capital and scenario generation by a Life & Pensions industry survey in 2009, Barrie & Hibbert is the leading provider of Economic Scenarios to the global insurance industry. All our clients, from large multinational to much smaller insurers, benefit from the same underlying modeling framework.

Save money: You do not need to develop and retain knowledge internally to build, manage, run and calibrate models. We employ economists, programmers, actuaries and modellers to worry about these paths so you don't have to.

Retain focus: Concentrate on running your business and managing its risks, not on generating ERM inputs.

Future proof: The modelling of market risk is a continually evolving field. We constantly review our models against the market and continually improve them using new techniques as they become available.

Regularly updated: Markets change, and so will your risk profile. We update our future paths every quarter as standard helping you better understand the impact of changing markets.

Fully documented: We understand your need to know what is under the hood and so provide full details of all outputs as well as model and calibration choices.

Supported: We have a team dedicated to answering your questions and explaining our approach, choices and outputs.

If you would like to know more, then please contact us – visit www.barrhibb.com to find out how.

About Barrie & Hibbert

Barrie & Hibbert was established in 1995 by John Hibbert and Andrew Barrie. Our primary focus is the identification, quantification and management of financial risk in savings and investment products, institutional investment portfolios and complex financial liabilities.

Collectively our staff of leading academics, quantitative analysts, actuaries and software engineers offer a depth and breadth of expertise combined with an unrivalled track record of experience in implementing risk solution for financial institutions around the world.

Our asset and product modeling capability has been developed over the last 14 years resulting in Barrie & Hibbert becoming a global leader in stochastic asset modeling services.

The understanding of market risk is central to objective financial management. Our market-leading stochastic modeling framework allows our clients to model economic and asset scenarios to help to improve their understanding of financial market risk – and to make any appropriate adjustments within their business.

Our modelling framework, the Economic Scenario Generator (ESG), is the engine that powers our range of products and services. Rather than attempt to create a single model and calibration for every application, Barrie & Hibbert has developed a toolbox of academically robust models within a consistent framework that can be adapted to meet our clients' requirements.

Experience has taught us that different clients have different ways of working to suit their capabilities, organizational structure and geographic presence. As a consequence, our modeling solutions are deployed in a number of ways to suit each client's individual needs.

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