

Risk Premium Module

- Model Risk • Predict Results
- Evaluate Alternatives
- Faster. Easier. More Accurately.



Best in-Class Risk Premium Modeling for the Best-in-Class Insurance Organization

Better Understand Risk

Earnix Risk Premium Module (RPM) provides state of the art statistical tools that enable actuaries and analysts to build accurate and robust risk pricing models. Built-in visualization capabilities make it easy to analyze and compare these models for selection of the best pricing strategy.

Combine Risk and Customer Behavior Analysis

Earnix RPM is uniquely designed to provide insurers with a complete customer profile based on a combination of risk and behavioral modeling, providing insight into the parameters that influence customer purchase decisions.

Simulate Results

Earnix RPM allows you to easily simulate changes to existing rating tables and conduct what-if analysis to predict the results of new pricing strategies.

Do it Faster and Easier

The Earnix user interface provides a single point of access to all the functionality you need so you can quickly and intuitively build your models, evaluate results, and optimize your pricing decisions all in one place.

**Risk Premium analysis is at the heart of your insurance pricing practices.
Can you afford anything but the best solution available?**

Risk Premium Analysis and Pricing Made Easy

Simplified Data Preparation

Prepare data for modeling using rich and flexible data manipulation tools with advanced graphing capabilities. Easy import/export data to/from your data system or statistical platform (e.g. SAS).

Broad Application of Regression Trees

Save time and increase accuracy with ease-of-use and automation. Automatically model interactions, identify portfolio segments with specific risks, and set up risk models.

Advanced Smoothing Spline Regression

Fit splines through advanced cross-validation techniques to model non-linear and geographic relationships. Enjoy faster and more accurate modeling capabilities at a click of a button.

Effortless Model Comparison

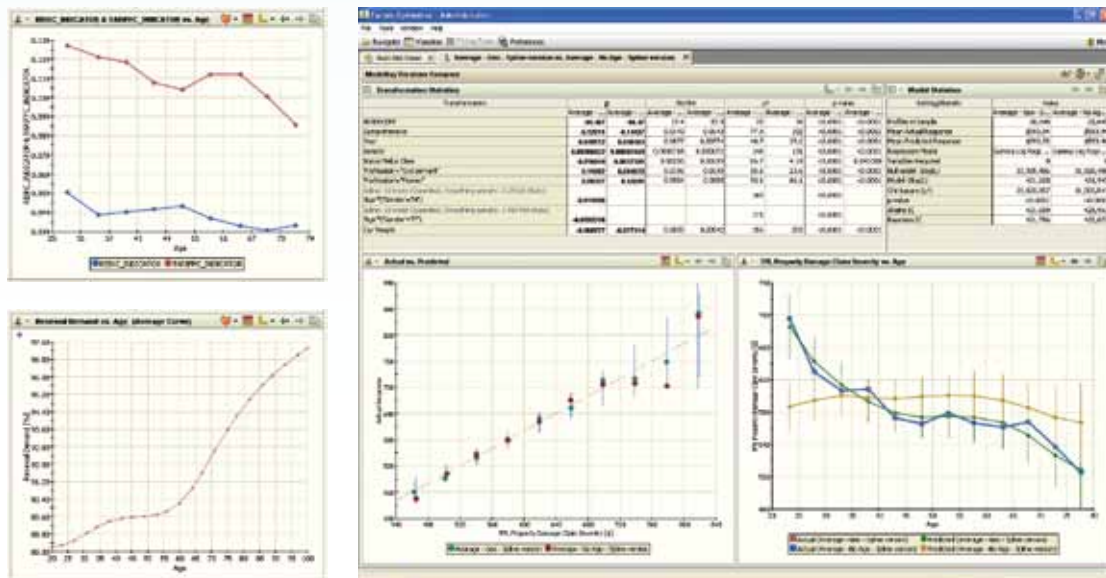
Quickly zero-in on your best options using intuitive numerical and graphical indicators to easily compare models.

Flexible Rating Structures

Promptly create even the most complex rating structures using lookup tables. Translate model output into rating structures with a push of a button. Include any parameter restrictions in a quick and intuitive manner.

Powerful Visualization and Graphing

Analyze the quality and relevance of models with easy-to-use graphic outputs and drill-down capabilities for deeper analysis. Use your corporate business intelligence tools to create additional customized graphs and reports based on Earnix RPM data.



How is Earnix Risk Premium Module Different?

The Most Powerful Tools of the Trade

Generalized Additive Models (GAM) based on Smoothing Splines, Regression Trees, and Multinomial Logistic Regression make actuarial work more accurate, faster, and easier.

Easy to Use and Visualize

Intuitive user interface enables data analysis with minimal hassle. A wide range of charts with drill-down capabilities help analyze and compare models.

Integrates with Your Pricing Process

Built-in pricing execution capabilities and Service Oriented Architecture that enables easy integration with existing systems make Earnix RPM a vital component of your end-to-end pricing process.

Scales to Meet Your Needs

Configurable server architecture supports parallel processing on several CPUs to provide fast and reliable results.

Ensuring Your Success with Insurance Optimization Expertise

Earnix was founded by insurance executives who joined forces with experts in statistics, econometrics, and optimization technology to help insurers improve performance through better customer segmentation, advanced risk and demand analysis, and the optimization of pricing and customer value.

The Earnix platform is open and easy to work with, so your solution can be easily implemented by your internal resources. You can also utilize one of our industry leading implementation partners to work with your team or provide a complete turnkey solution based on the Earnix solution. The Earnix team is available to assist as needed to ensure a successful implementation that will have lasting impact on your business.

Data Preparation

Working with your team, Earnix or one of our partners can help define and prepare the data required and get it ready to support the analysis and optimization functions within the Earnix Risk Premium Module.

Deployment and Integration

Earnix and our partners can help you fine-tune your risk models and integrate them with Earnix Optimizer as well as your Quoting and Rating systems for a seamless workflow that supports your company's strategy.

Training

While the software is easy-to-use, we will train your staff and provide system documentation to ensure you maximize the value of the solution.

Support

To ensure your business continues to maximize the benefits from the Earnix solution, we are committed to providing ongoing technical support and business process assistance.



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