Ratemaking and Product Management Joel Appelbaum Zurich Financial Services Programs and Direct Markets Underwriting Transformation February 2010

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Agenda

- About Zurich
- Industry Trends
- Objective vs. Subjective Underwriting Criteria
- Model Feedback
- Lessons Learned
- Example of Decision Scorecard and Rules

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Zurich

- Global footprint



Where is the Industry Going?

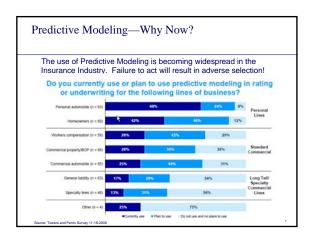
"Leading companies are now building their competitive strategies around data-driven insights that are, in turn, generating impressive business results. Their secret weapon? Analytics: quantitative, statistical analysis and predictive modeling supported by data-savvy senior leaders and powerful information technology."

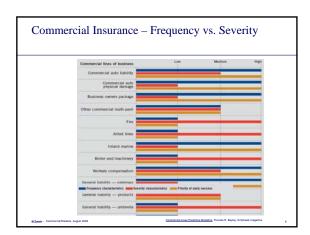
From Thomas H. Davenport and Jeanne G. Harris: Competing on Analytics: The New Science of Winning

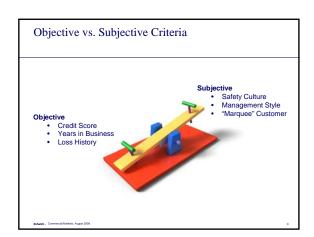
What is the Value Proposition related to Predictive Analytics?

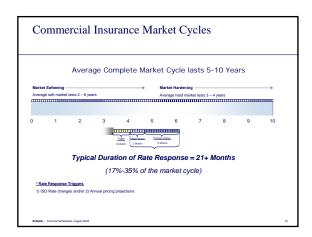
The challenge associated with optimizing the acceptance and integration of these new modeling techniques into a sound underwriting process is creating a consistent decision-making framework.

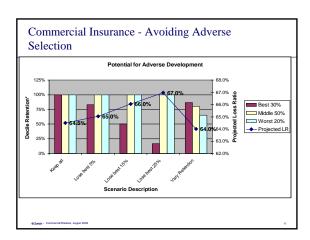
Value Drivers: Implementation Methods:

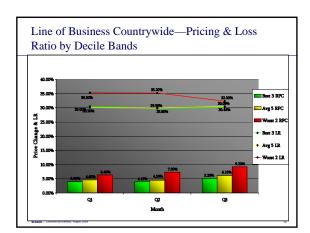


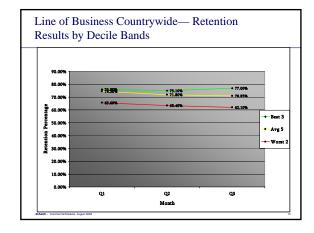














- Cleansing / reconciling bad data elements is time consuming

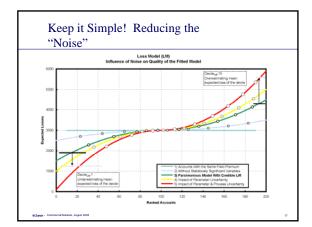
- Multiple data sources required
- Commercial lines
 - Regulation
 - Legacy systems





Data

IT Impact Predictive tools often bump into legacy systems which can be costly



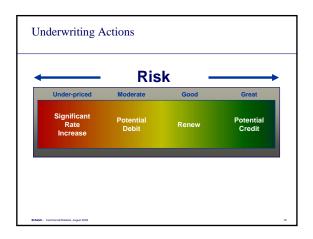
The Last Mile

"...the most important activity for the leadership team is to keep analytical initiatives on track and to monitor outcomes to ensure that anticipated benefits are achieved."

<u>Competing on Analytics.</u> Thomas Davenport, Harvard School of Business, 2007.



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