

#### Issue 76 2025: Q1

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- Neural Network Models to Predict Clinical Trial Completion
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- Long-Term Product Forecasting in Pharmaceuticals
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#### Special Feature: Large Language Models

- Large Language Models as Benchmarks in Forecasting Practice
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- *Global Energy Outlook 2024: Peaks or Plateaus?* by Daniel Raimi, Yuqi Zhu, Richard G. Newell, and Brian C. Prest **Minitutorial**
- The Brier Score and Its Decomposition



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#### Prediction Markets

• The Accuracy of Prediction Markets

#### **Book Reviews**

• Judgment in Predictive Analytics, edited by Matthias Seifert

• The Age of Prediction: Algorithms, AI, and the Shifting Shadows of Risk by Igor Tulchinsky and Christopher E. Mason Spotlight

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#### **Book Reviews**

- Sales & Operations Planning An Executive Update by Robert A. Stahl
- Power and Prediction: The Disruptive Economics of Artificial Intelligence by Ajay Agrawal, Joshua Gans, and Avi Goldfarb
- Demand Forecasting for Executives and Professionals by Stephan Kolassa, Bahman Rostami-Tabar, and Enno Siemsen Spotlights
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- The Potential of FVA for Driving Process Improvement
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- Common Pitfalls and Better Practices in Forecast Evaluation for Data Scientists
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#### Special Feature: When and What Not to Forecast

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Be Kind

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- Commentary: Legal Ramifications and FVA of Data Sharing
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#### **Book Reviews**

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- Atlas of Forecasts by Katy Börner Forecasting Practice
- Toward a One-Number Forecast: Cross-Temporal Hierarchies
- Commentary: The Software Gap
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- The Demand Forecasting Project at Target: Improving Collaboration and Adoption
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# Hot New Research

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Long-Term Projections of Food Production and Demand

# **Book Review**

• A Picture Is Worth a Thousand Words: Atlas of Forecasts: Modeling and Mapping Desirable Futures

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- Special Feature: Selecting a Best Model
- Representativeness: A New Criterion for Selecting Forecasts
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  - Forecasting Principles and Methods
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  - STR: A Flexible New Decomposition Method for Analyzing and Forecasting Complex Time Series

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- One-Number Forecasting: A Solution for Silo Behavior?
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- Reply to Stephan Kolassa Commentary
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- Into the (Largely) Unknown, Part 2: Uses of Fuzzy Forecasting

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• *Noise: A Flaw in Human Judgment* by Daniel Kahneman, Olivier Sibony, and Cass R. Sunstein

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- Commentary: The Case for Parsimonious Intervention
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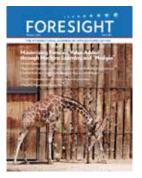
# Supply-Chain Forecasting

• The Great Toilet Paper Buy: Lessons for the Supply Chain Forecasting and Planning Perspectives

- Combining Humans and Machines in an Emerging Form of Enterprise: The Humachine
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- Commentary: A Brief Historical Perspective on Integrating New Technology

# **Book Review**

• The Data Detective: Ten Easy Rules to Make Sense of Statistics by Tim Harford



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- Commentary: Another Role for ML in Forecasting

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# **Forecast Accuracy**

- The M5 Competition and the Future of Human Expertise in Forecasting
- Commentary: We'll Still Need Expertise
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- Commentary: The M5 Competition: A Critical Appraisal
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# Artificial Intelligence

• Dealing with "Deepfakes": How Synthetic Media Will Distort Reality, Corrupt Data, and Impact Forecasts

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- The M5: A Preview from Prior Competitions

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# Forecasting Accuracy Measurement

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# **Forecasting Practice**

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# The World of Forecasting

• The Economic/Energy/Environmental Conundrum—Projections to 2050

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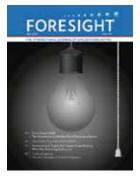


#### Note from the Editor Chris Gray in Memoriam

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- Strategic IBP: Driving Profitable Growth in Complex Global Organizations
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- Commentary: Love and Disdain for Forecasting Models
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- Commentary: The Benefits of Advanced Modeling Techniques
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- Medicine and Risk Transfer

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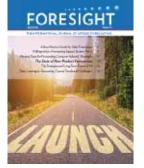
- The Little (Illustrated) Book of Operational Forecasting by Steve Morlidge Hot New Research
- Scenarios and Forecasts: Complementary Ways of Anticipating the Future? **Special Feature**
- Forecasting the Future of Retail Forecasting
- Interview with Stephan Kolassa
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- The State of New-Product Forecasting

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- A Cautionary Tale from a Former Operations Planner

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- How Should a Company Set Service Levels? Perception vs. Reality

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# **Collaborative Forecasting and Planning Practices**

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• Forecasting After a Fashion

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•The Quest for a Better Forecast Error Metric: Measuring More than the Average Error Forecaster in the Field

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# Note from the Editor Earnings Forecasts: The Bias Is Back

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- Commentary: Big Data or Big Hype?
- Commentary: Big Data, a Big Decision

# • Commentary: Big Data and the Internet of Things

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• Interview with Shaun Snapp

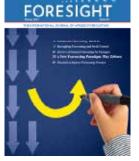
# **Prediction Markets**

• Prediction Market Performance in the 2016 U.S. Presidential Election

# **Sales and Operations Planning**

- How to Shape a Company Culture with S&OP
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# Note from the Editor Hot New Research

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- Commentary: Academic Frameworks for Practitioner Use
- Commentary: Refocusing Forecasting Research
- Commentary: Research Needed on Advisory Forecasts
- Commentary: Two Sides of the Same Coin
- Commentary: The End vs. the Means
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- Misbehaving Agents
- Misbehavior in Forecasting Financial Markets
- Toward a More Rational Forecasting Process:
  - Eliminating Sales-Forecasting Misbehaviors
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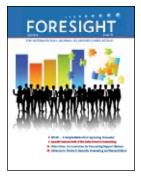
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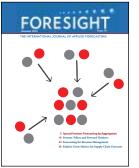
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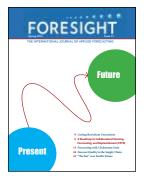
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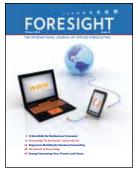
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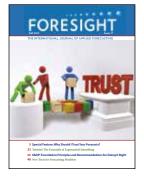
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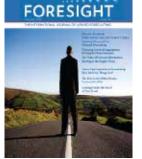
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  - Commentary: Forecasting Meetings Are Really Not About Forecasting, Marcos O'Connor
  - Commentary: A Dependentized Interactive Process Is the Key, Joe Smith.
  - Commentary: Business Objectives, Forecasters and Meetings, Jamilya Kasymova, and Catalin View
  - Reply to Commentaries: How Practitioners Can Use Evidence-Based Findings, J. Scott Armshong

#### Forecast Model Building - The Practical Issues

- To Include or Exclude an Explanatory Variable: Beware of Rules of Thumb, Peter Kennedy
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- Reply to Peter Kennedy, William Bassin

#### Forecast Process Improvement - Lessens From Successful Companies

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- How to Predict a Movie's Success at the Box Office, Ramesh Sharda and Durson Delen.
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#### Software Review: Forecasting with SAP

- Introduction, Uhich Kästers
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- Forecasting as a Business Process, Mario Sepatwela-Gazman, Michael E. Smith and George M. Mechling
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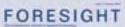
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- On the Use and Abase of Microsoft Excel, Paul J. Fields
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 The War in Iraq: Should We Have Expected Better Forecasts?, Kesten Green and J. Scott Ametrung

#### Forecasting Processes - Lessons From Successful Companies

- Commentary on the Organizational Politics of Forecasting, Emmet Junes
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#### Books and Software

- How to Evaluate the Forecasting Ability of Demand-Planning Software, Jim Hoover
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#### Recognition For Forecasting Accuracy: <u>Politicalforecasting.com</u>

How We Computed the Pollyvote, Alfred Cuzán, J. Scott Armstrong, and Kandall Jones, Jr.

#### Frequently Asked Questions on Forecasting

What Forecasting Can Do For You, Kesten Green