



MODEL CONSULTING:

CUSTOMIZING YOUR VIEW OF RISK



Building an advanced view of model performance and adjusting it to reflect your experience and view of risk is an advanced undertaking, requiring detailed analysis of exposures, claims, and loss development.

RMS provides services options to improve your understanding of models and implement your own view of risk.



Model consulting can fit into any stage of the your modeling evolution

- Initial Practice: assist with diving into a model and understanding how the model performs for your portfolio
- Standard practices – assist in validating models, and how you manage changes to your portfolio and models
- Growth Practices assist with modeling tools to build efficiency in underwriting and portfolio management
- Differentiate Practices: assist in implementing your view of risk into the model workflow

Throughout this entire evolution, a claims and exposure analysis can provide key insight into your portfolio, modeled loss compared to loss experience, and recommendations for improvement in model practices

RMS Model consulting Services

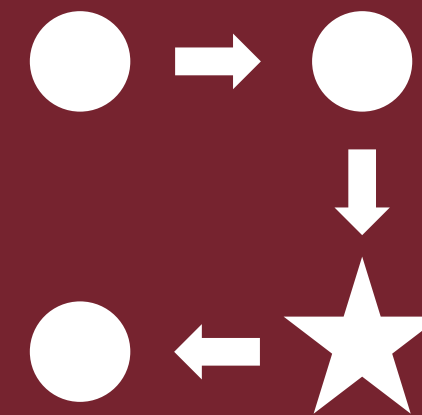
Model Validation and Best Practices

Tailor your needs for adopting a model into your workflow



Custom Databases

Customized data from modeled output



Custom Model Element

Improve and implement your own view of risk into the model workflow



Model Understanding

In-depth view into your portfolio and modeled losses



Claims and Exposure Analysis

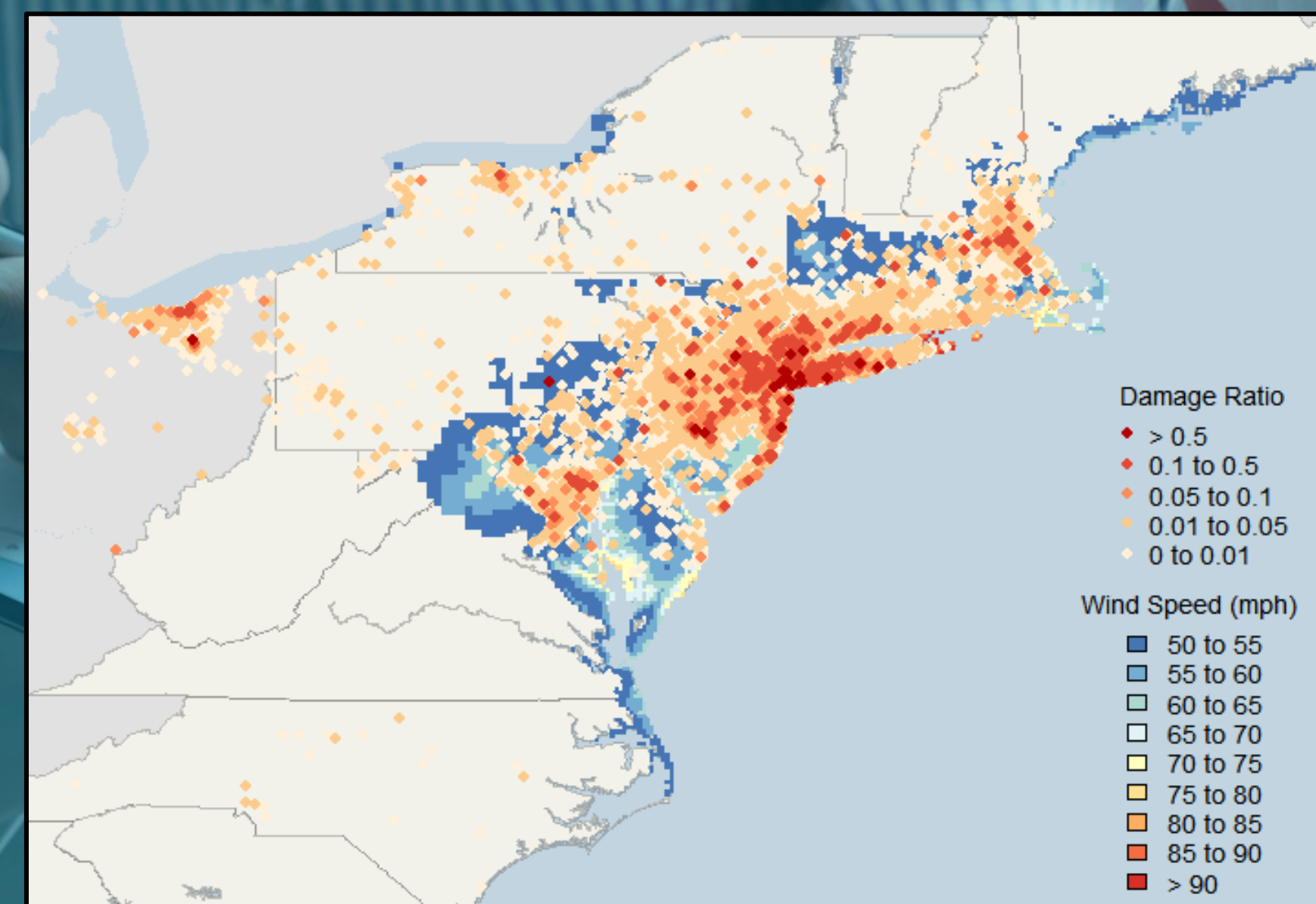
In-depth study of loss experience over time and comparison with model results



CLAIMS AND EXPOSURE ANALYSIS

- In depth study of exposure and claims trends over time
 - Confirm the model performs well with your company's loss experience or demonstrate where the model differs
- Especially useful for books that are not homogeneous

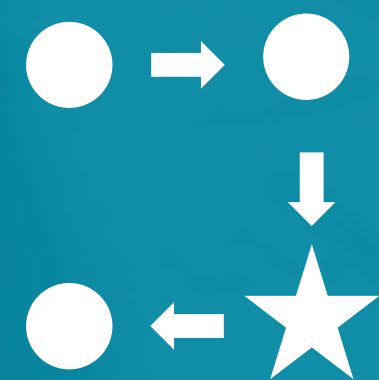
EXECUTE ANALYSES



Better resolution →
Better outcomes

Completeness of data

Time histories



CUSTOM MODEL ELEMENT

RMS modelers have the expertise to customize components of models and provide guidance on how best to maintain the scientific integrity



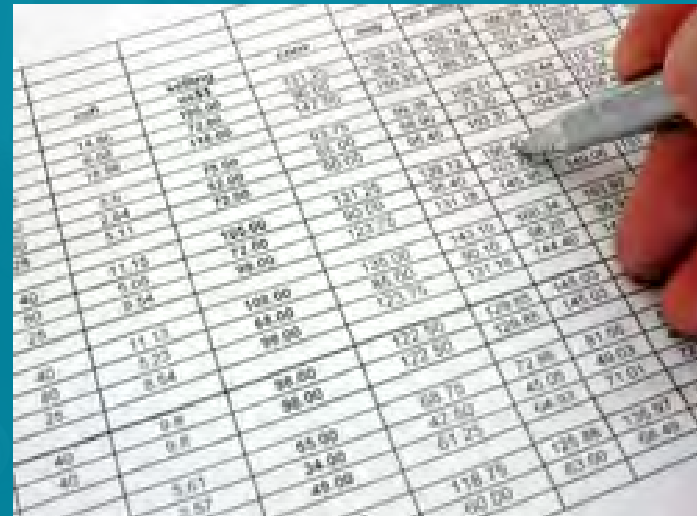
Stochastic Events



Assess Hazard



Apply Exposure



Calculate Damage



Quantify Financial Loss

Custom
model
elements

Deterministic
Scenarios

Custom Event Rates

Climate Change
Scenarios

Bespoke Hazard
Footprints

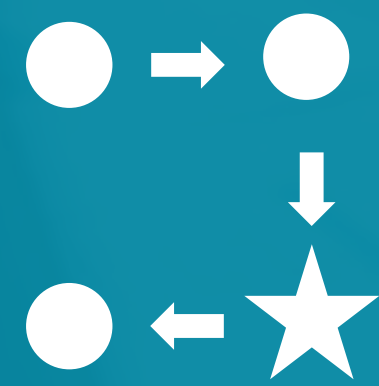
Custom Vulnerability

Network and
Horizontal Infra.

Mitigation
Assessment

Enhanced BI

Represent
Your View
of Risk



CUSTOM MODEL ELEMENT EXAMPLES

Concern: Large stadiums are complex structures that are not easily modeled



Concern: Modeled loss after major storm underestimates incurred loss significantly for telecommunication risks



Concern: More accurate risk assessment of floating casinos affected by wind and storm surge risks



Businesses that implement a differentiation strategy and are successful tend to have access to the latest, cutting-edge scientific research allowing them to develop products that meet consumers' wants and needs.



MODEL[®] CONSULTING

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