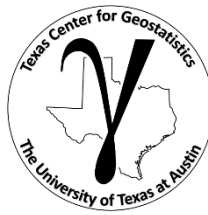


# Multivariate Modeling

## Geostatistical Subsurface Modeling



### Lecture outline . . .

- Summary
- Plus / Delta

Introduction

Prerequisites

Feature Selection

Multivariate Modeling

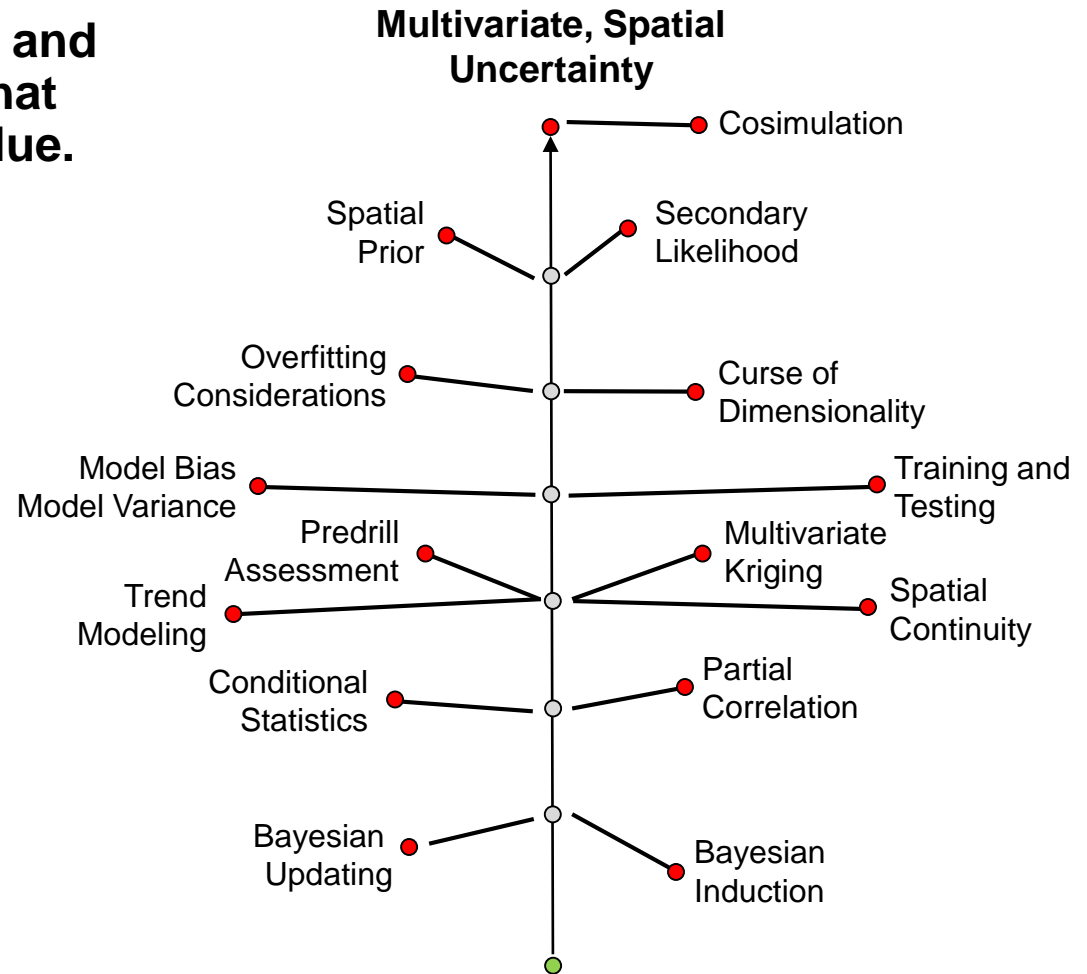
Conclusions

# Multivariate Modeling

# Statistical Learning

# Multivariate Analysis

# Probability



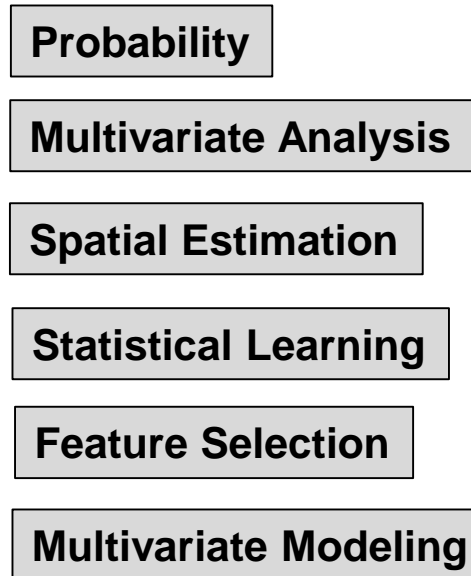
# Summary

Today's building blocks can be reimplemented and expanded to address various other problems, opportunities.

There is much more that we could cover and opportunities for workflow review and development etc.

I hope this was helpful.  
I'm happy to assist,

Michael



- Statistical Inference
- Representative Statistics
- Debiasing
- Uncertainty Sources
- Trend Modeling
- Model Optimization
- Discrete Uncertainty
- Facies Models
- Object-based Modeling
- Support Vector Machines
- Fair Spatial Model Testing
- Stochastic Simulations
- Value of Information
- Subsurface Machine Learning

**Multivariate, Spatial  
Uncertainty**

# Plus / Delta



**Plus:**

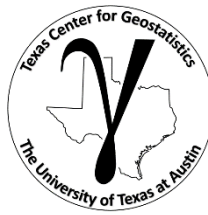
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**Delta:**

1.

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