

Conclusions

- **The big picture stands out (System Engineering Point of View)**

- **The black boxes must be opened (Scientific Understanding)**

Choices need to be made for:

- Priors
- Inadequacy Models
- Domains of Applicability
- Unknown Unknowns?
- When to Ask for more Data, and What to Ask
- ...

- **The curse of dimensionality is not an enemy (Recall to Efficiency)**

- Sensitivity Analysis
- Code Optimization
- Model Reduction
- ...

Questions?

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