



**Likelihood-based vs. Algorithmic method?**

**Like-minded methods**

Examples: linear regression, logistic regression, GLMs, Bayesian models, Probabilistic PCA

## **Advantages:**

- Interpretability
- Dependency structures identified
- Uncertainty quantification is straightforward
- Performance can be improved by theory
- Correctness/optimality guarantees

# Disadvantages:

- Computationally intensive
- Less flexible

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