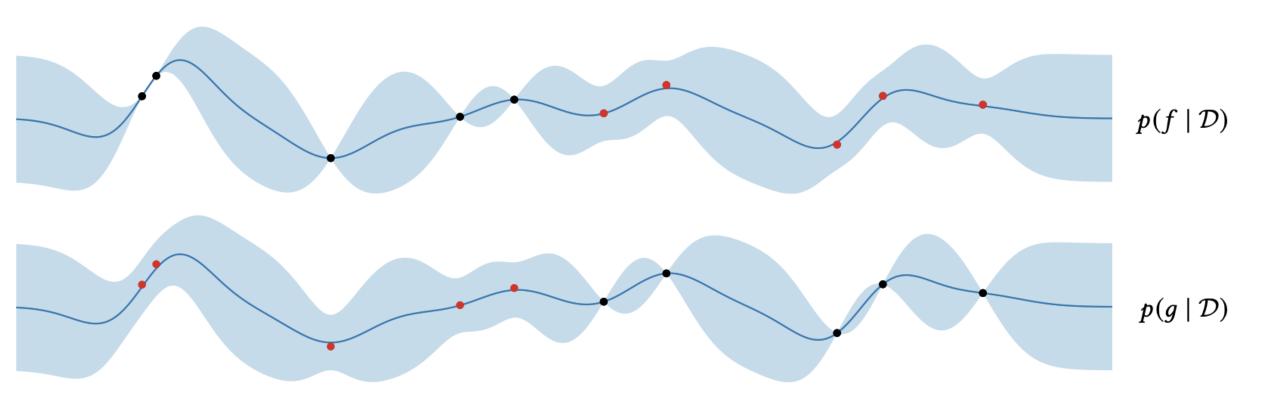
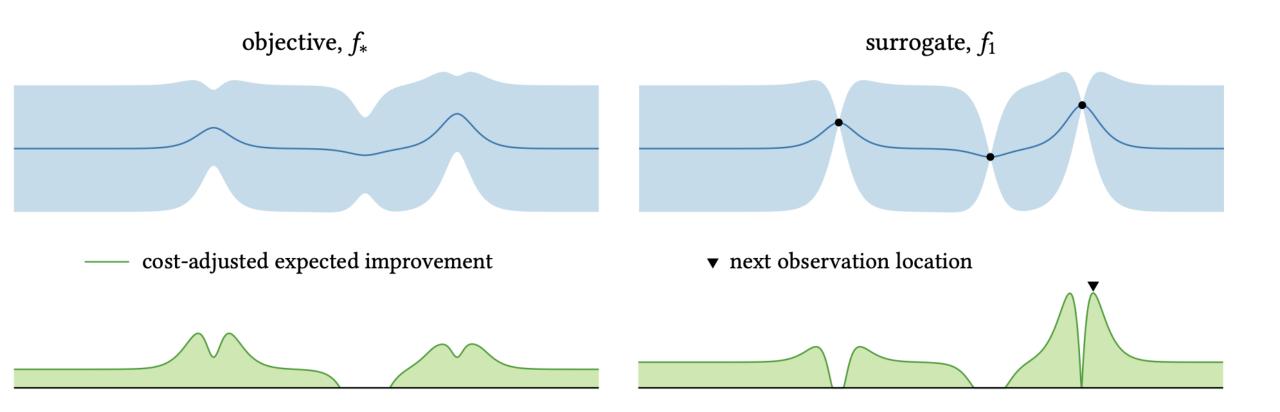
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- observations (direct)
- observations (other function)
- posterior mean
- posterior 95% credible interval

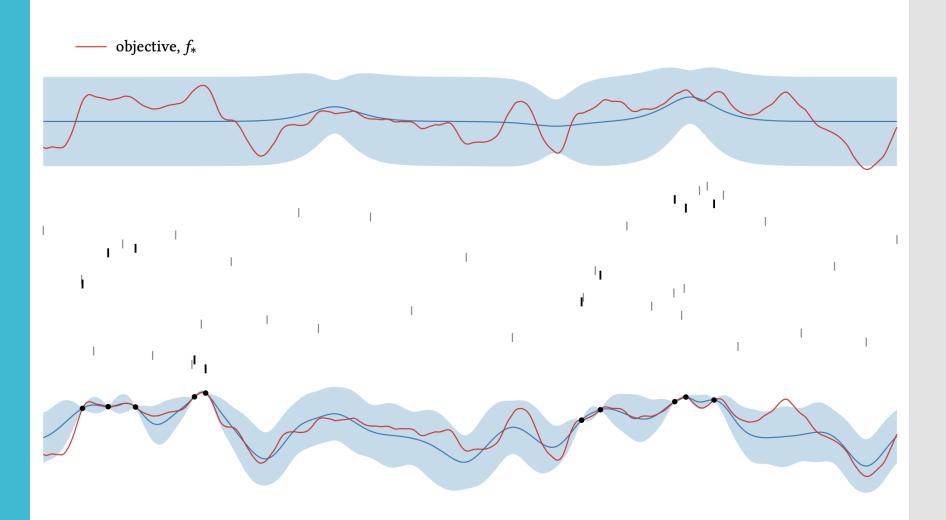


#### Joint Gaussian Processes

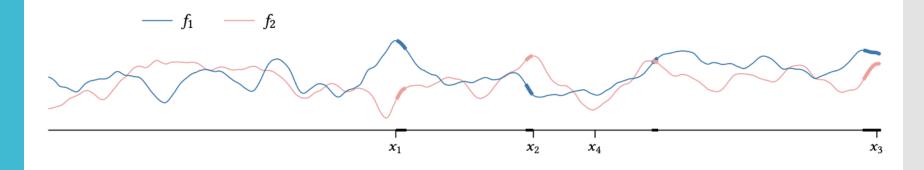


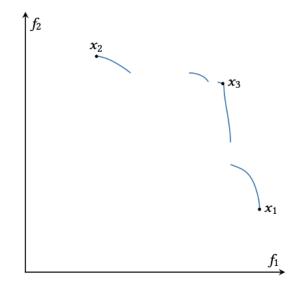
### Multifidelity Bayesian Optimization

## Multifidelity Bayesian Optimization

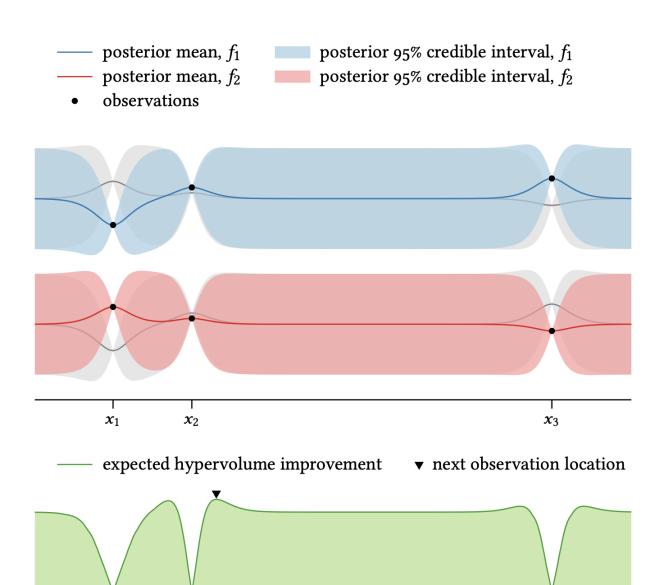


#### Multiobjective Optimization

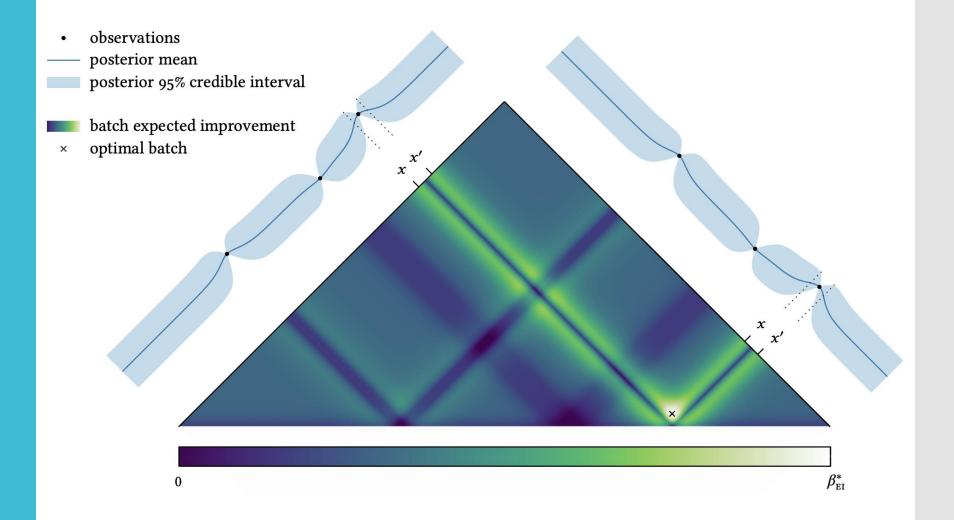




# Multiobjective Optimization: Expected Hypervolume Improvement



## Batch Expected Improvement



Batch
Expected
Improvement
via
Sequential
Simulation

