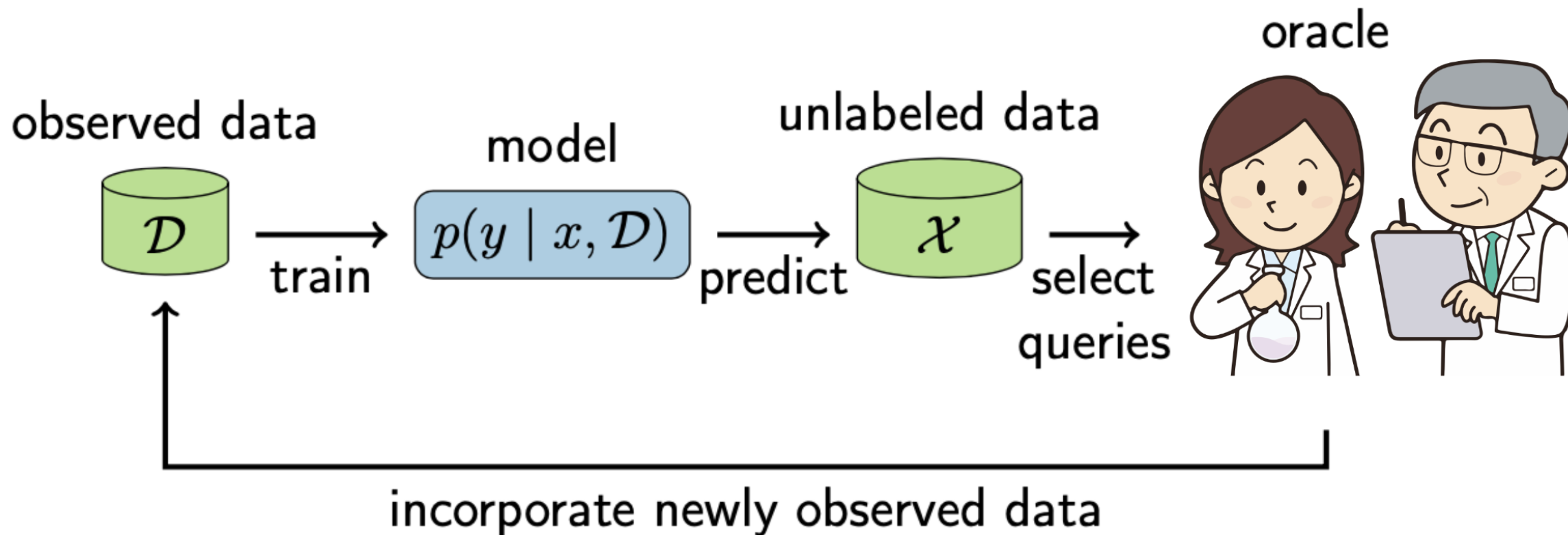


10-424/624: Bayesian Methods in ML

Lecture 13: Supplement & Figures

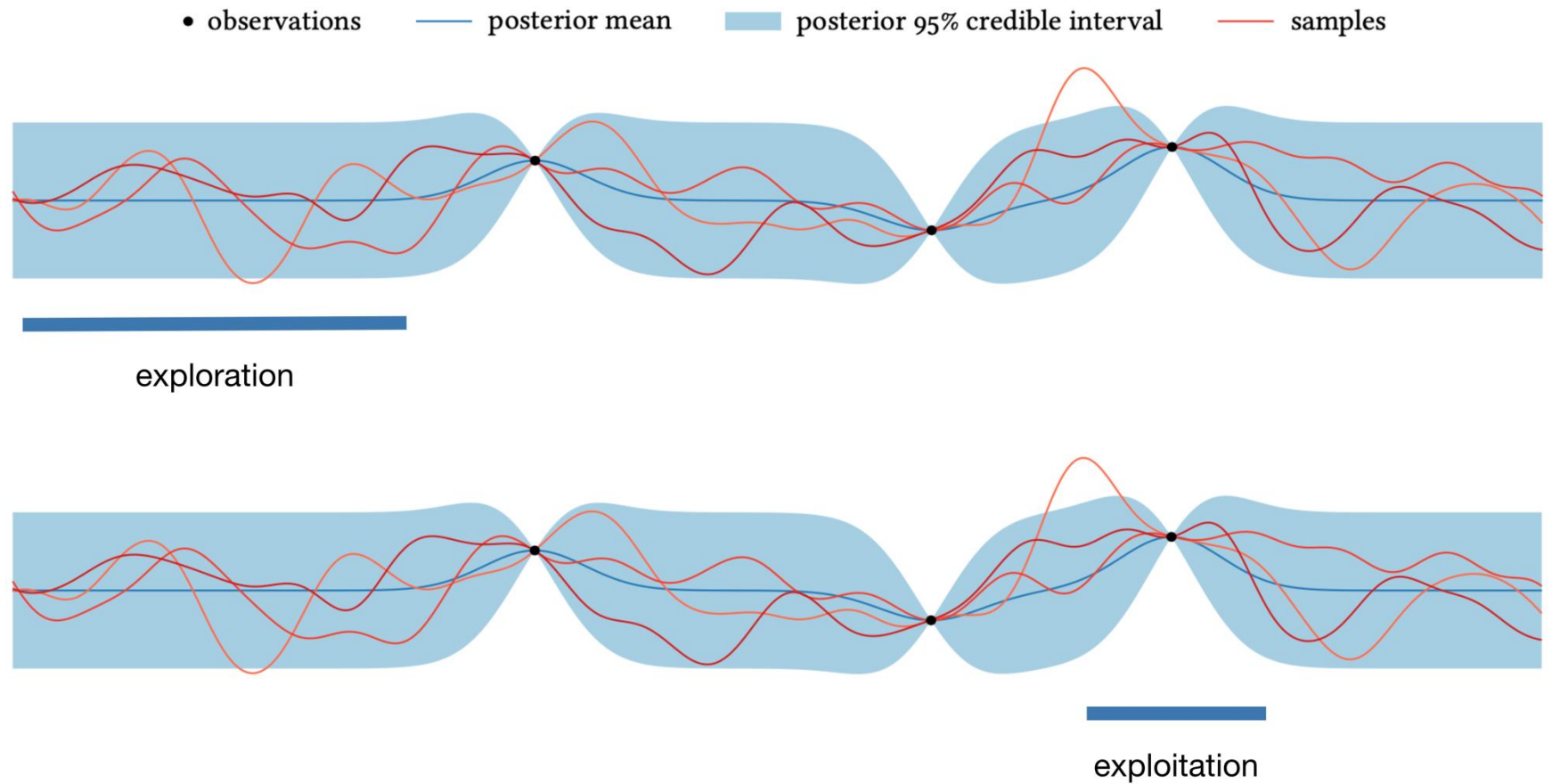
Henry Chai

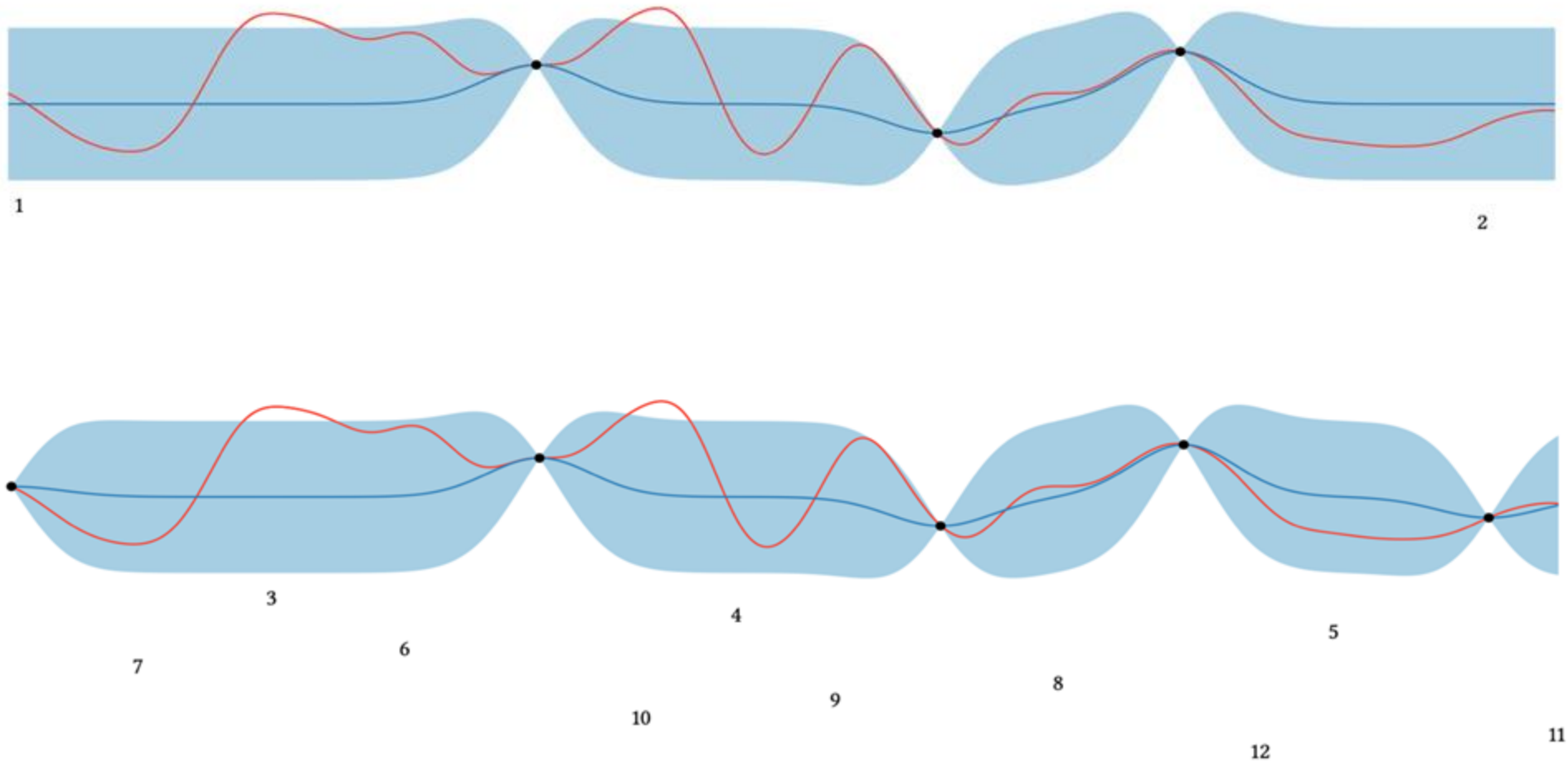
2/25/25



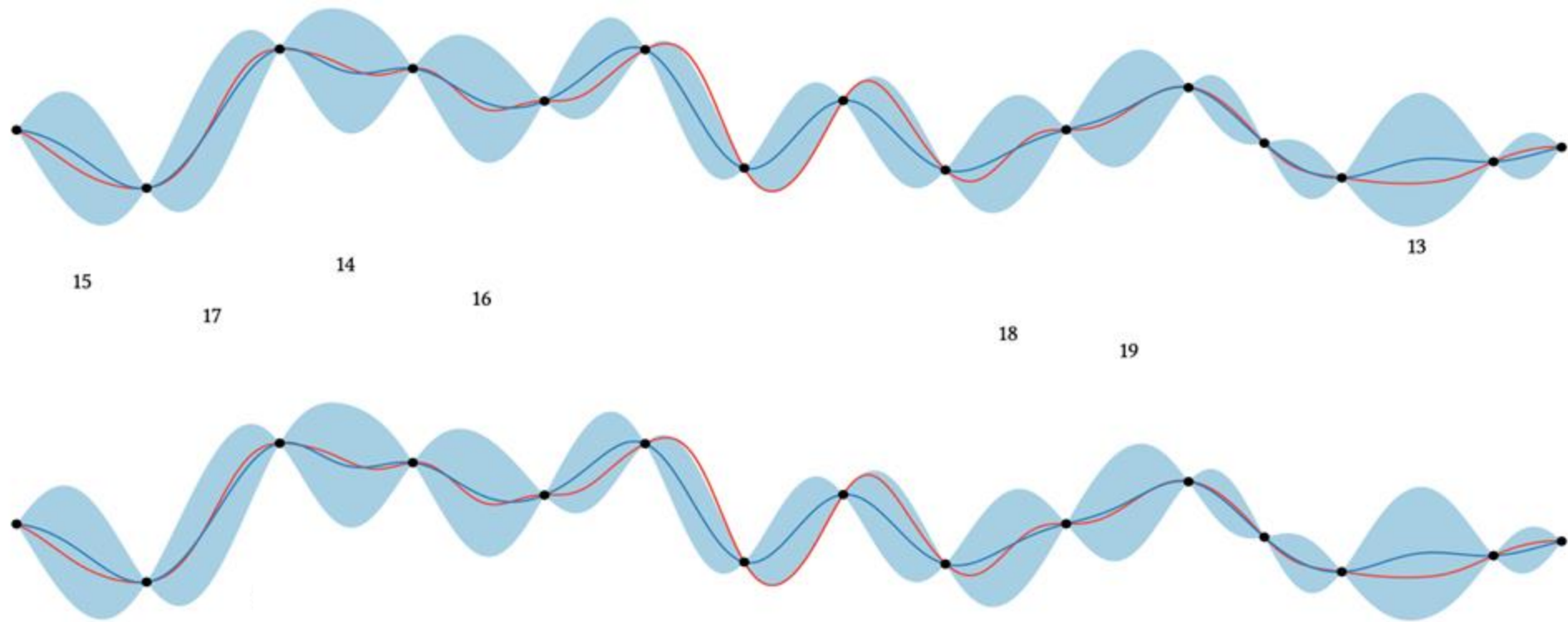
Experimental Design

Exploration vs. Exploitation

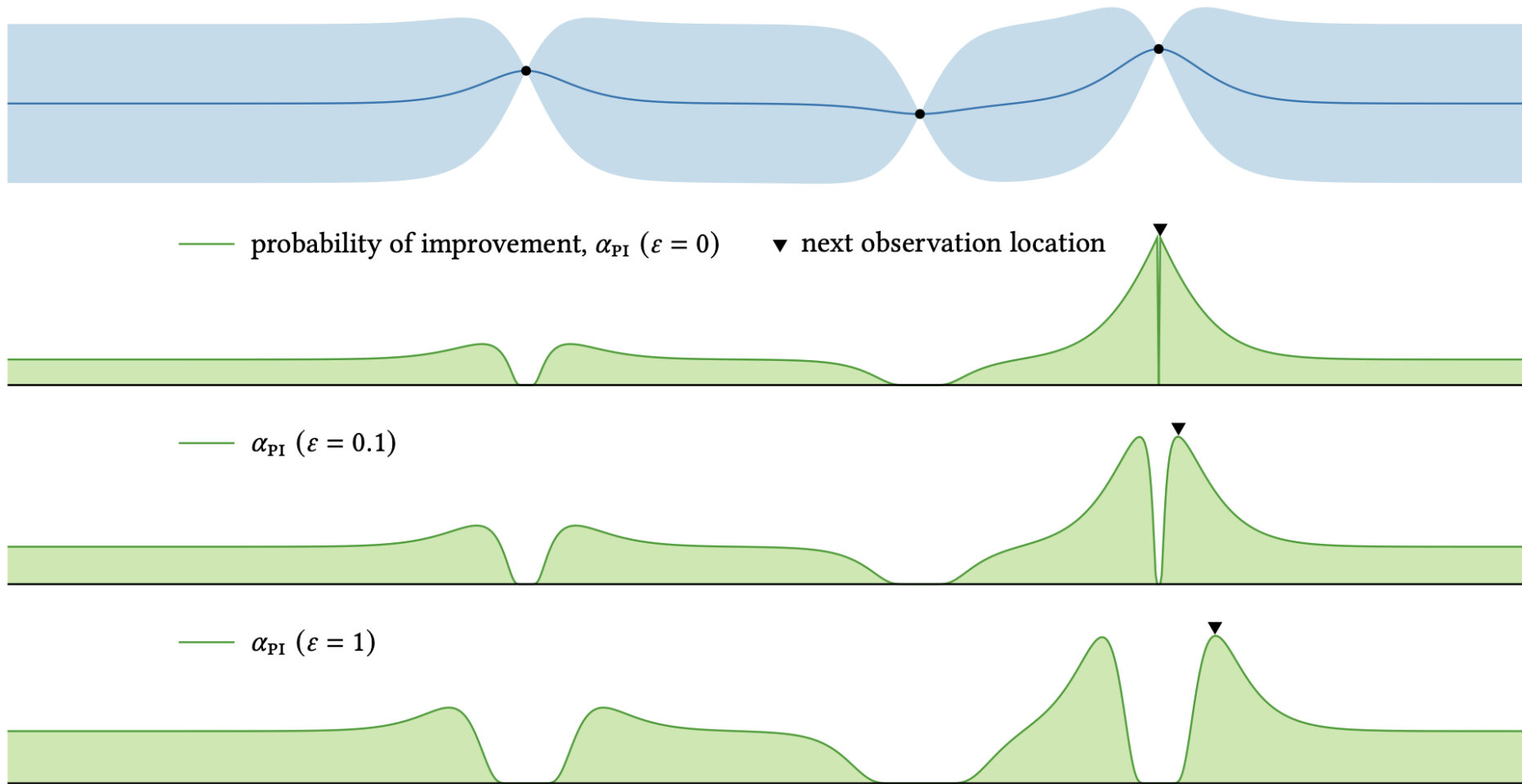




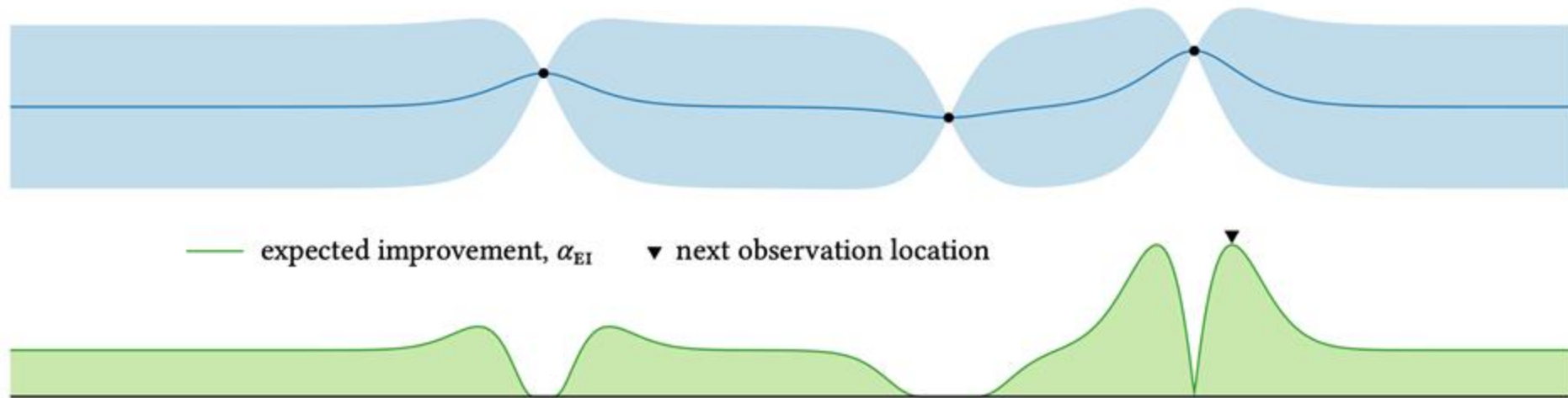
Pure Exploration



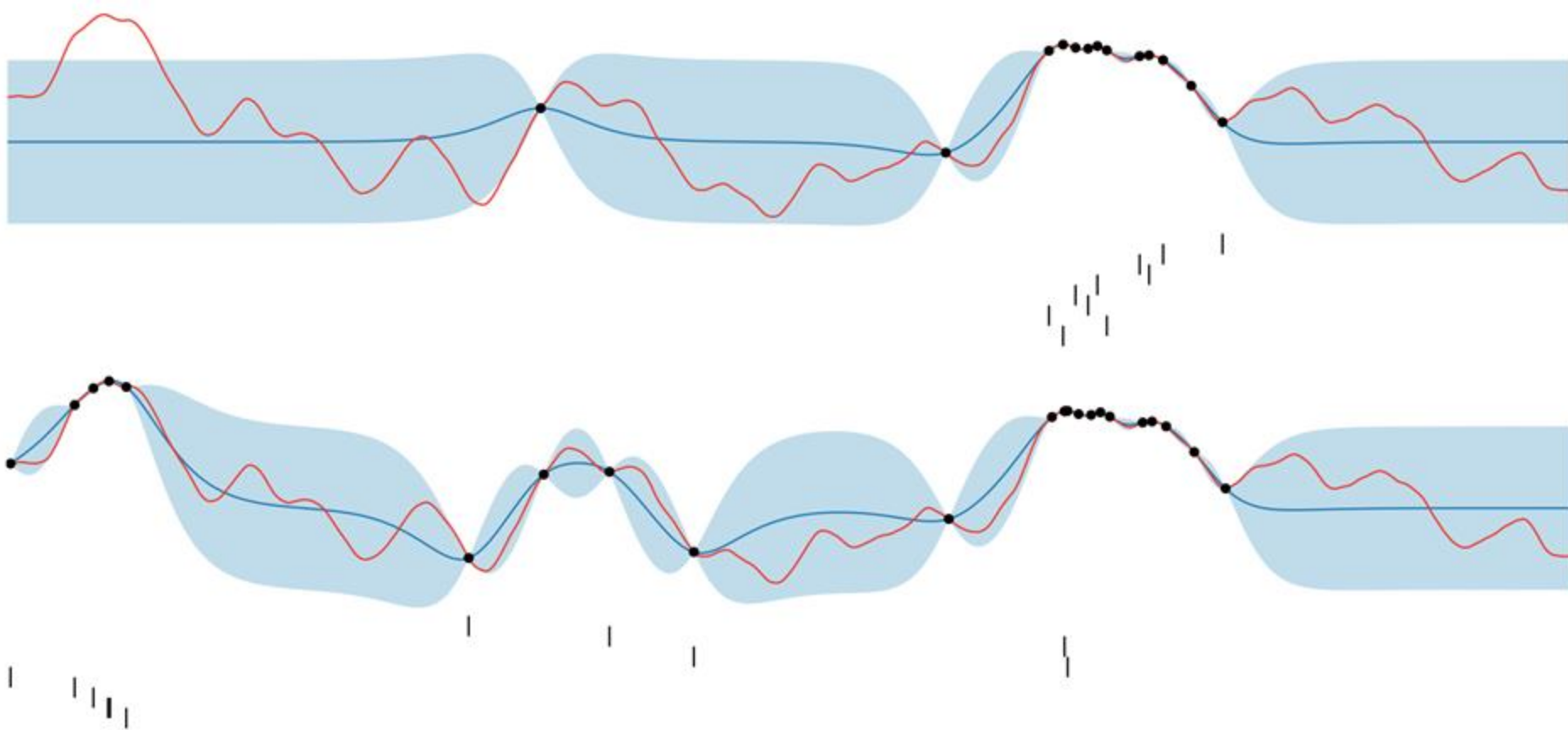
Pure Exploration



Probability of Improvement



Expected Improvement



Expected Improvement