Supplementary Information:
Bayesian diversity control for batch-based phase diagram determination
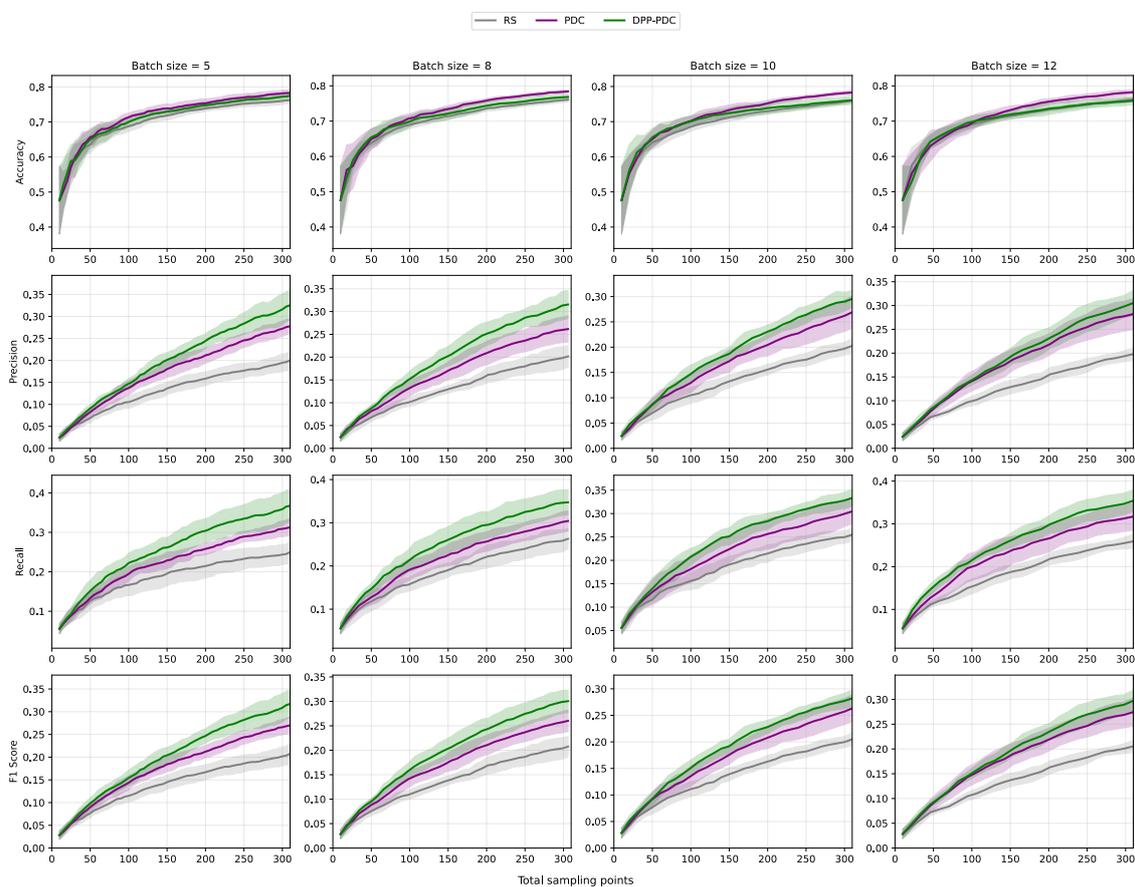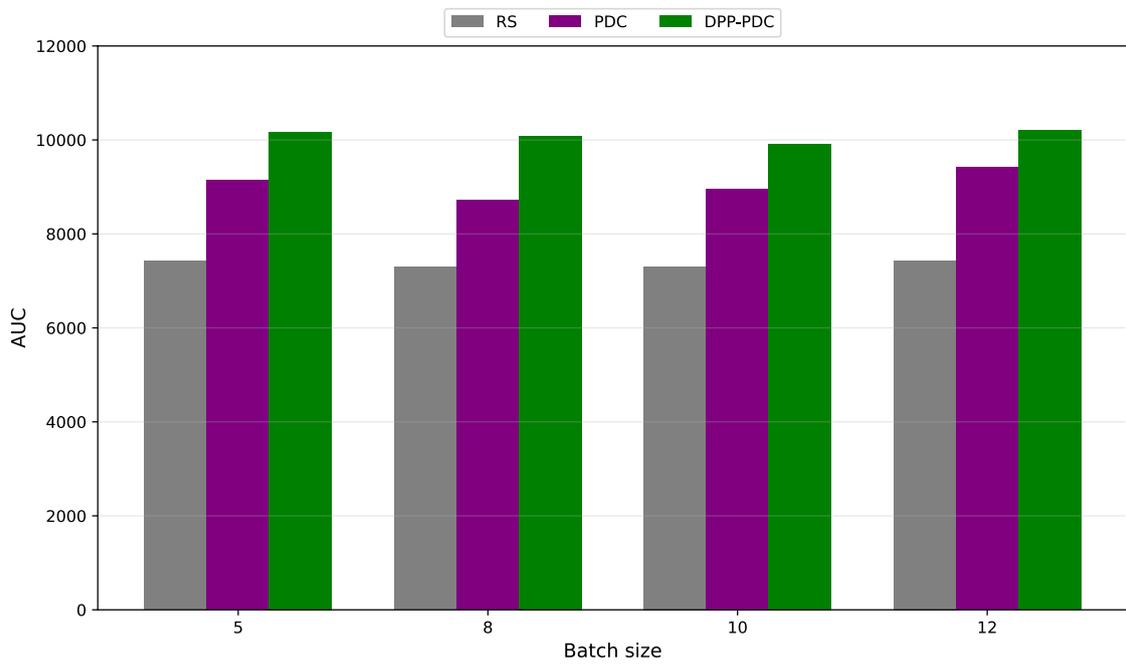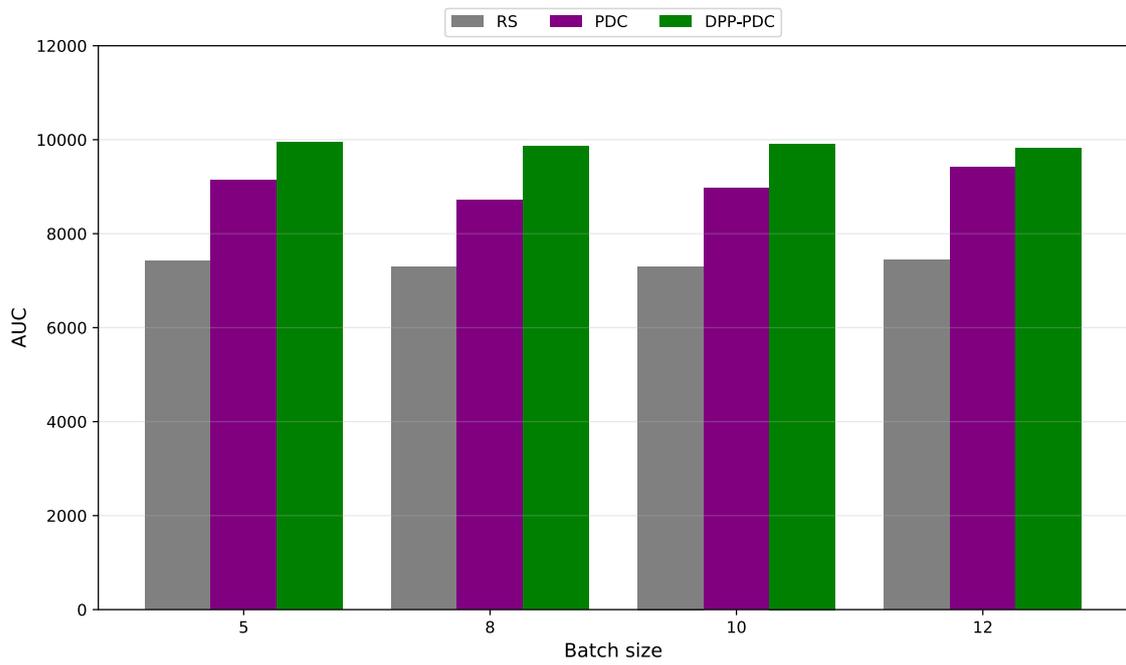### Peiheng Zou, Ryo Tamura and Koji Tsuda

Figure S1: Evaluation of DPP-PDC in terms of accuracy, precision, recall and F1-score. The x-axis corresponds to the number of samples, and the y-axis shows the performance measure. RS stands for random sampling

(a) $\mu = -5, \ \omega = 3$

(b) $\mu = -6, \ \omega = 2$

Figure S2: Area under the phase discovery curve at different hyperparameter settings.
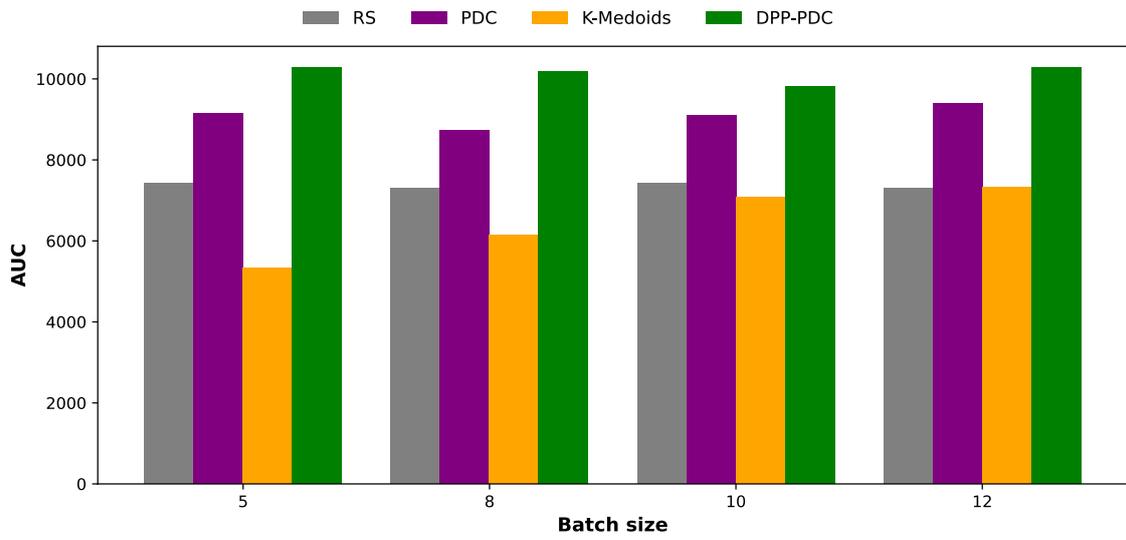
Figure S3: Comparison to K-medioids (Mancias et al., 2025). The batch size is 10. The cut-off parameter of K-medioids was set to 2.5% as instructed in the paper.