Methods	Complexity
Our method	Mild (closed-form solution with known ε, ρ; otherwise estimate them by solving 1-D OT problems)
CP under covariate shift (Tibshirani et. al, 2019)	Moderate (requires density estimation in high-dimension, which can be expensive)
CP under label shift (Podkopaev & Ramdas, 2021)	Moderate (requires density estimation in high-dimensions, which can be expensive)
*** CP under f-divergence shift** (Cauchois et. al, 2024)	Mild (closed-form solution with known ρ, but requires absolute continuity of density; estimating ρ requires minimizing a non-convex function over a d-dimensional domain)
*** Adversarial CP with randomized smoothing** (Gendler et. al, 2022)	Moderate (needs vast repeated forward model evaluations with noisy inputs)
*** Wasserstein-regularized CP** (Xu et. al, 2025)	Heavy (requires training neural network model)
*** Identifiable X-shift and $Y\|X$-shift** (Ai & Ren, 2024)	Moderate (requires density estimation in high-dimension, which can be expensive)
CP beyond exchangeability (Barber et. al, 2023)	Mild (requires re-weighting scheme, which is not trivial to get and needs additional computation based on the design)

Table 1: Additional complexity comparison with other methods, * marks important papers mentioned by the reviewers;
Complexity: Light, Mild, Moderate, Heavy;
Orange: CP under different shift models