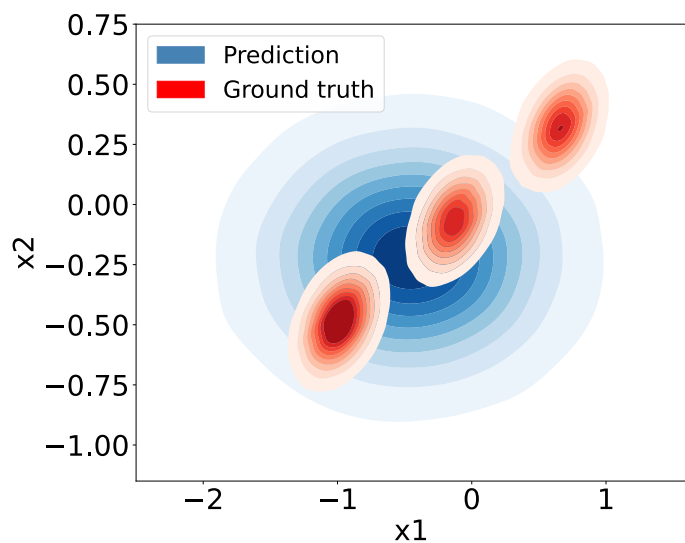
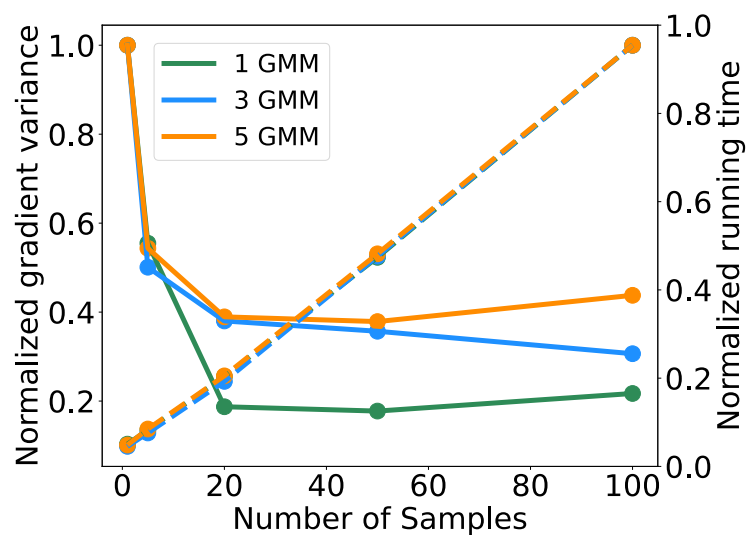


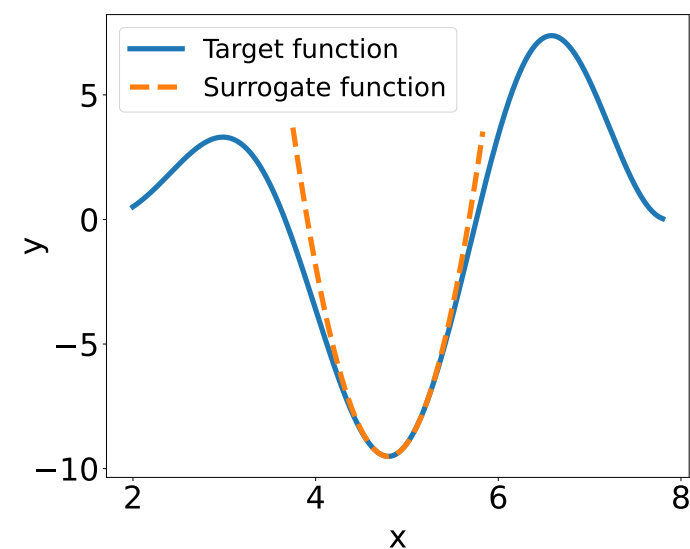
(a) The decision-focused learning paradigm



(b) Model mismatch error



(c) Sample average approximation error



(a) Gradient approximation error