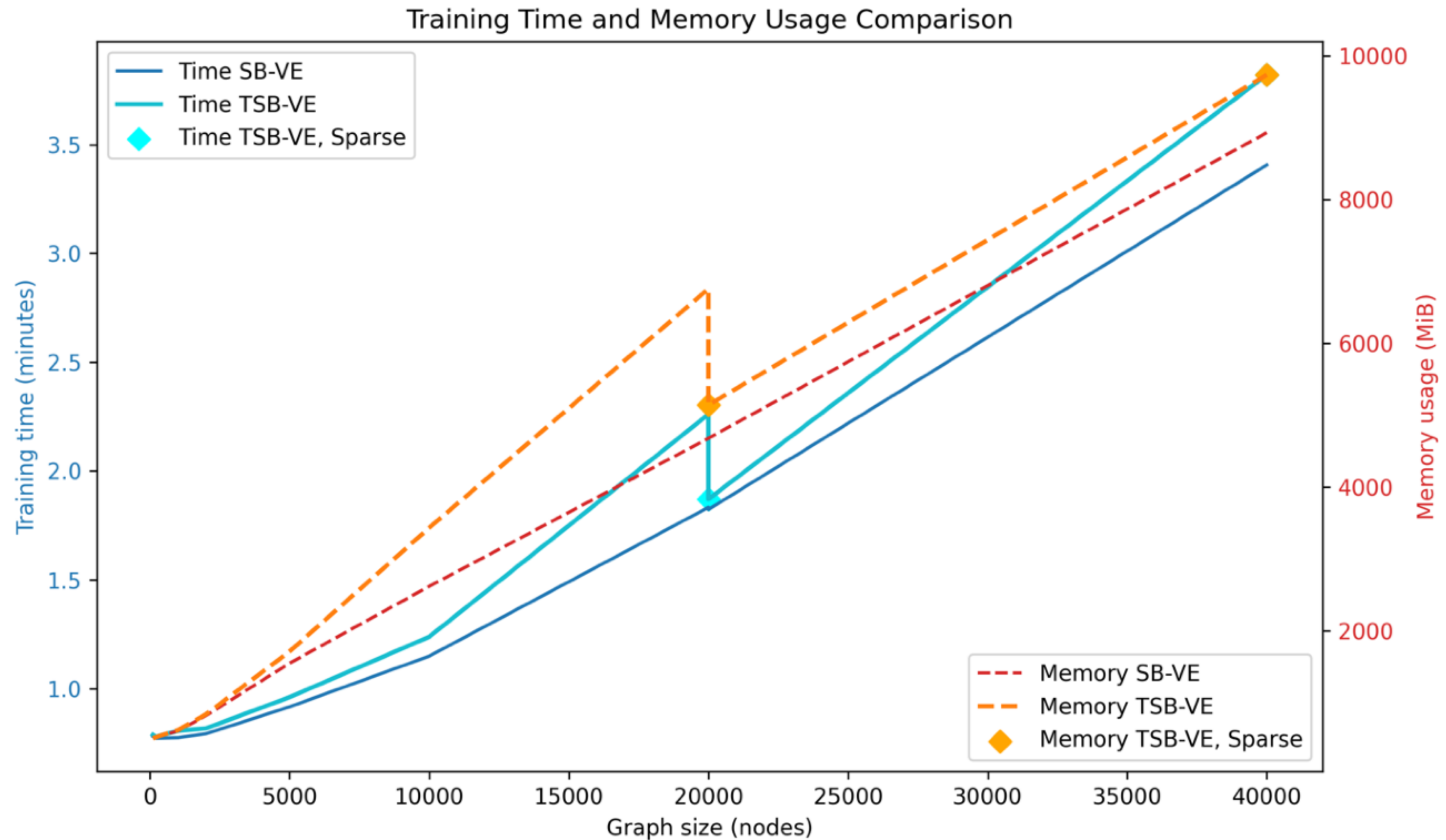


Complexity



Topological Schrödinger Bridge Matching

- A rigorous formulation of topological SBP
- Investigating optimal TSBP solutions (Gaussian and general cases)
 - Stochastic optimal control on topological domains
 - (Dynamic) optimal transport
- TSB-based learning models
 - Unifies score-matching (diffusion-based), flow-matching (ODE-based) ...
 - For generative and matching purposes
 - some discussions on possible directions based on energy interpretations