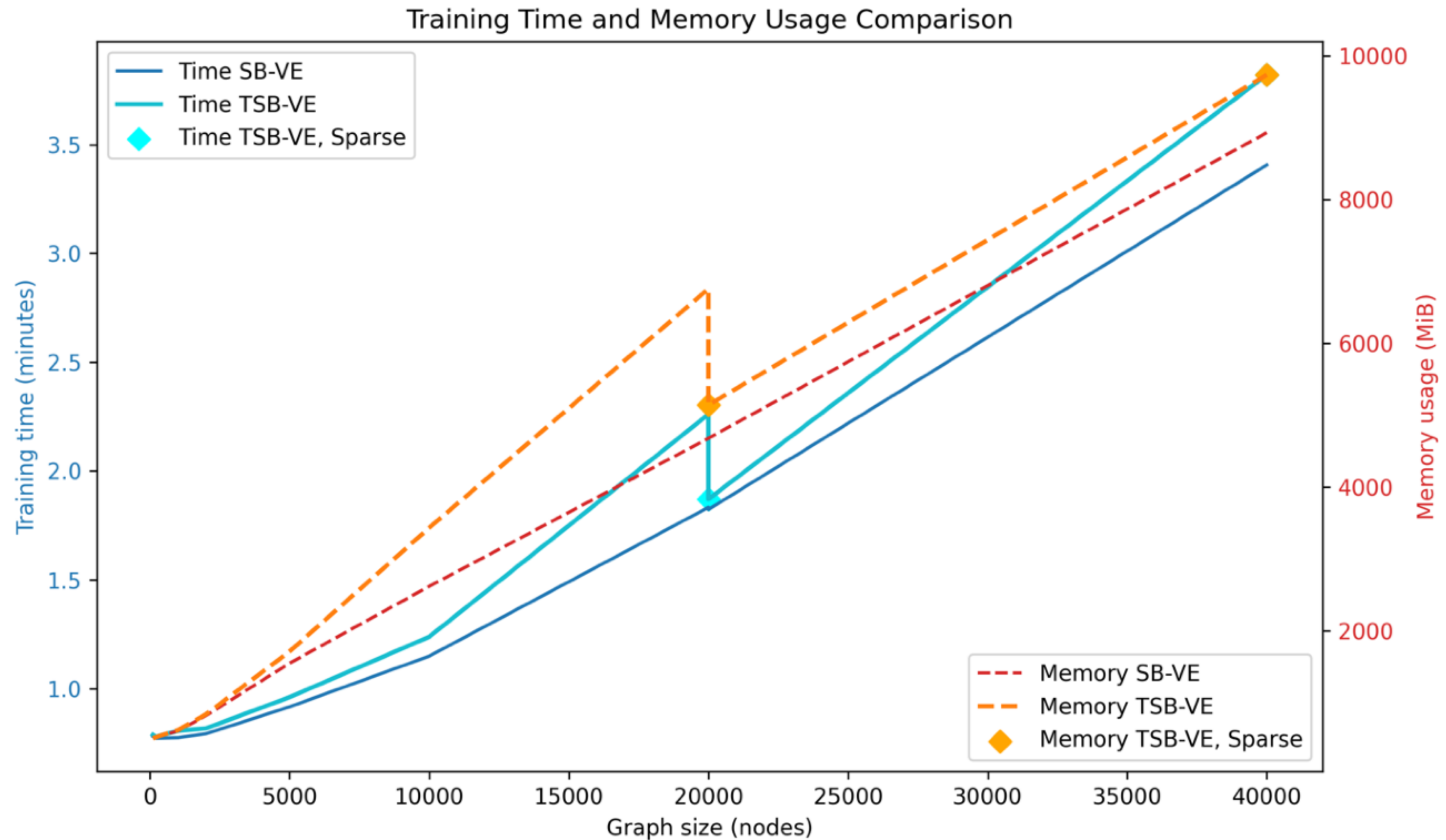


# Complexity



# 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