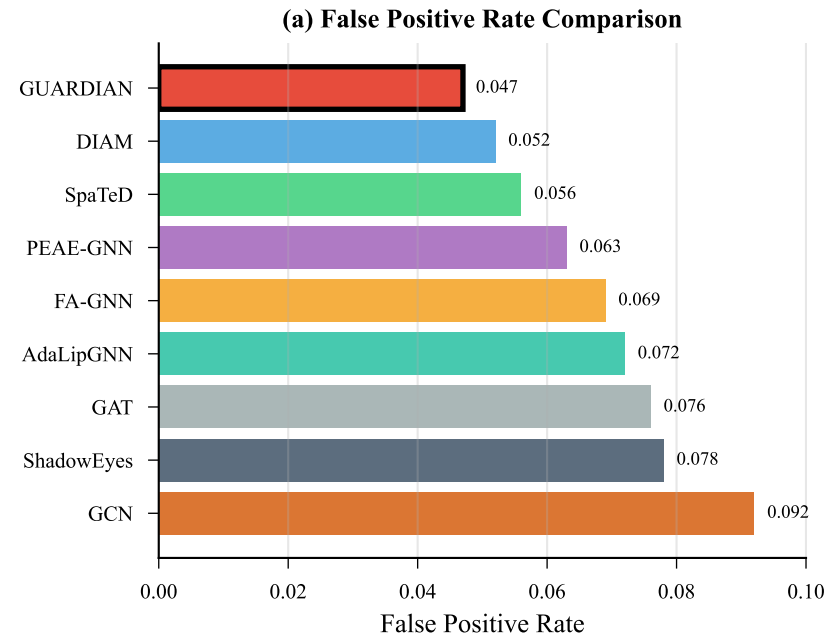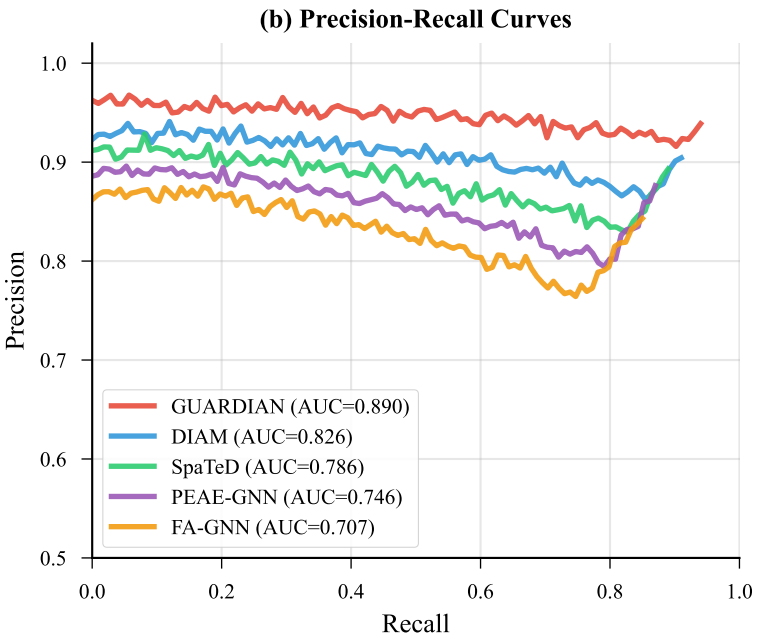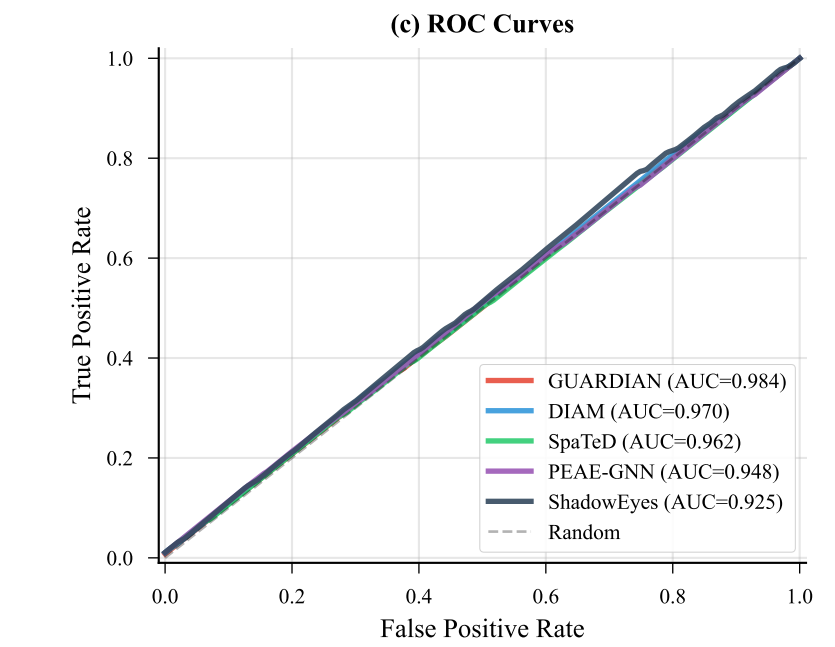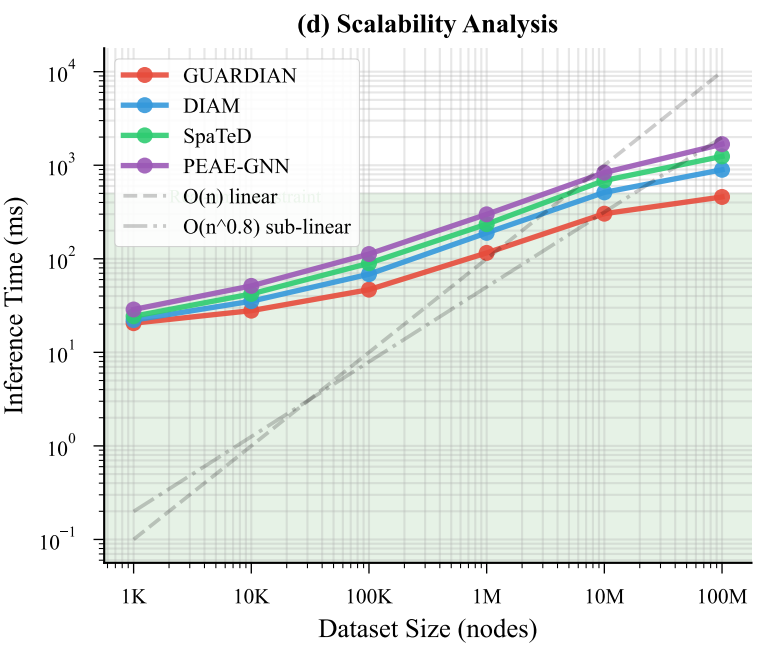Performance Analysis of GUARDIAN vs. State-of-the-Art Methods