Detailed Performance Scaling Analysis
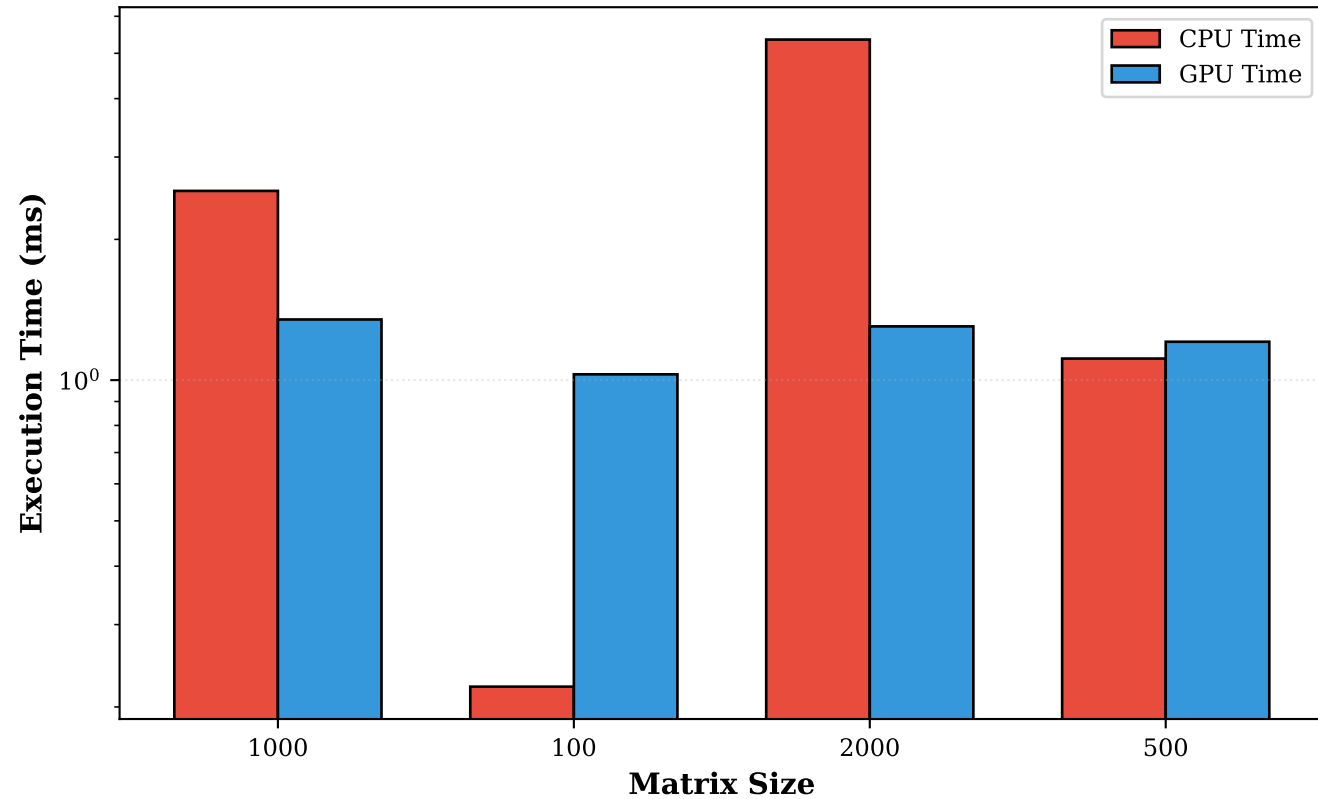
(a) Execution Time: CPU vs GPU

(b) Scaling Analysis: Speedup vs Matrix Size