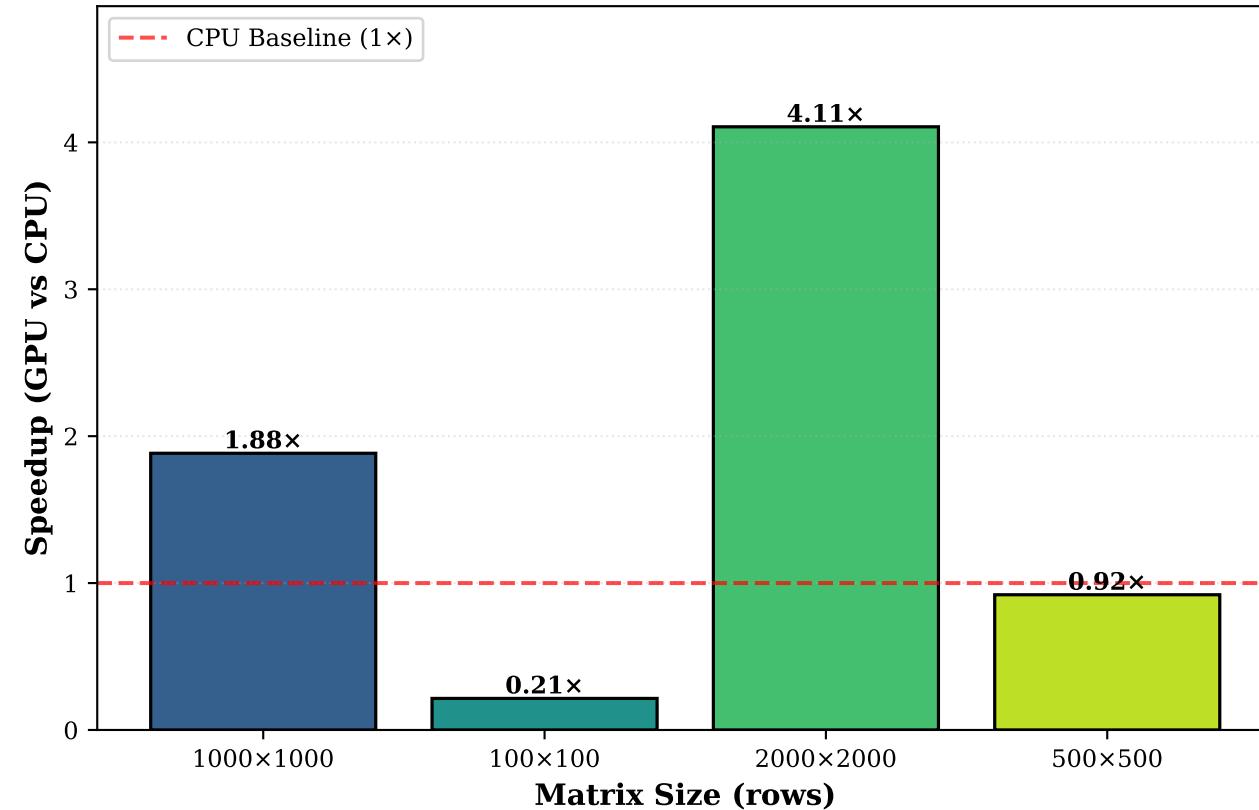


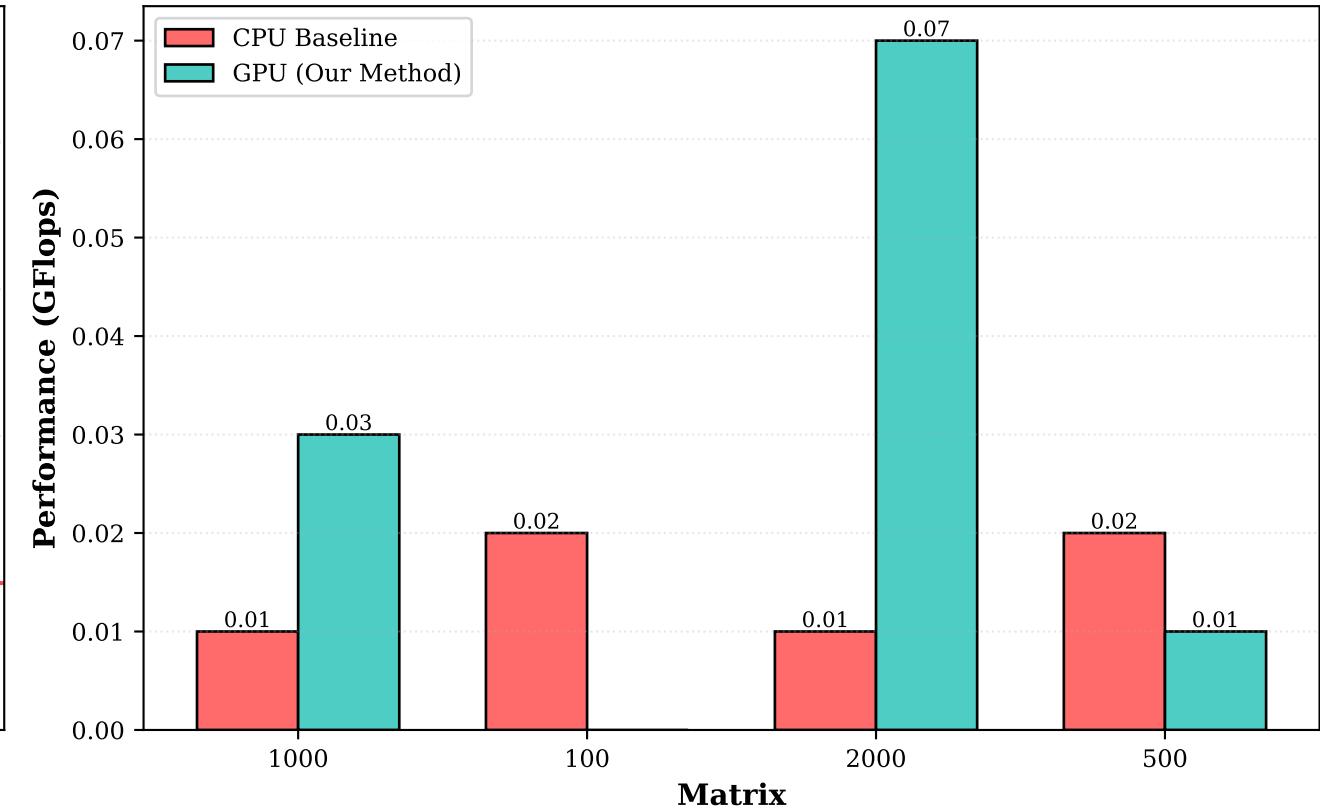
# ApSpGEMM: GPU SpGEMM Performance Analysis

## Gustavson's Algorithm - CUDA Implementation

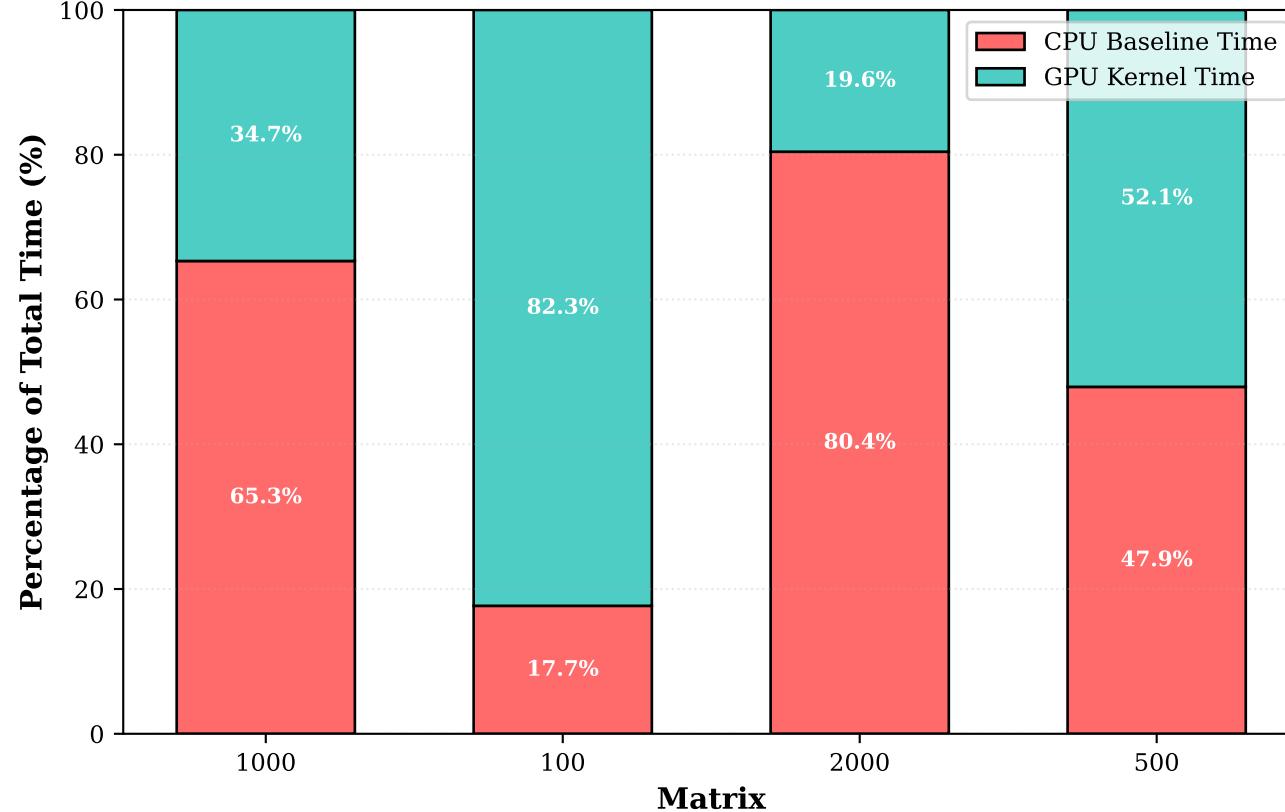
**(a) GPU Speedup vs Matrix Size**



**(b) Computational Performance (GFlops)**



**(c) Execution Time Distribution**



**(d) Performance vs Compression Ratio**

