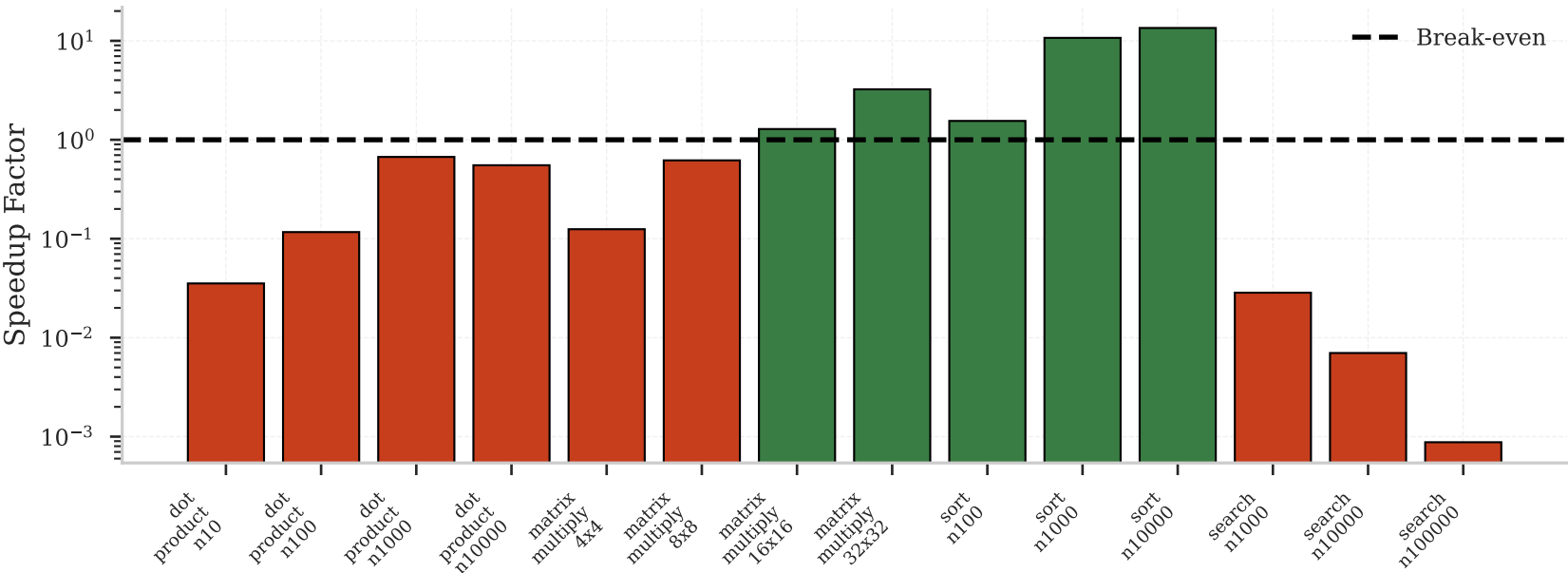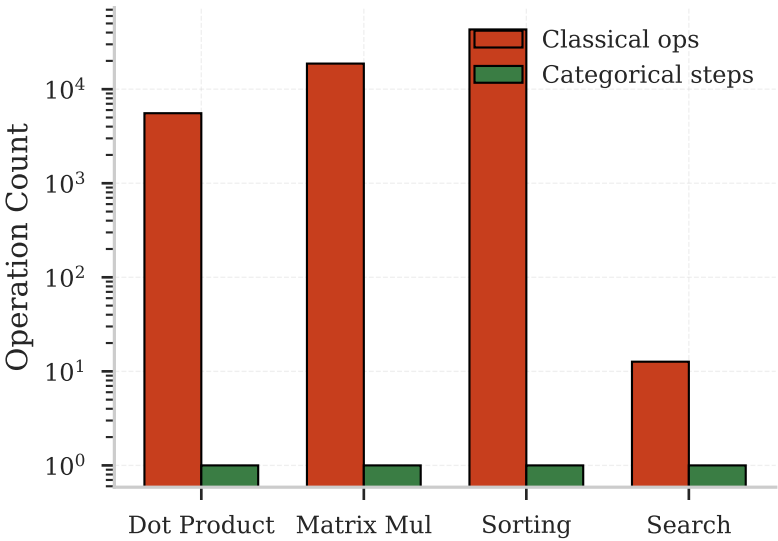**Processor Benchmark: Categorical vs Classical Performance**
O(1) Categorical Completion vs O(n), O(n²), O(n³) Classical
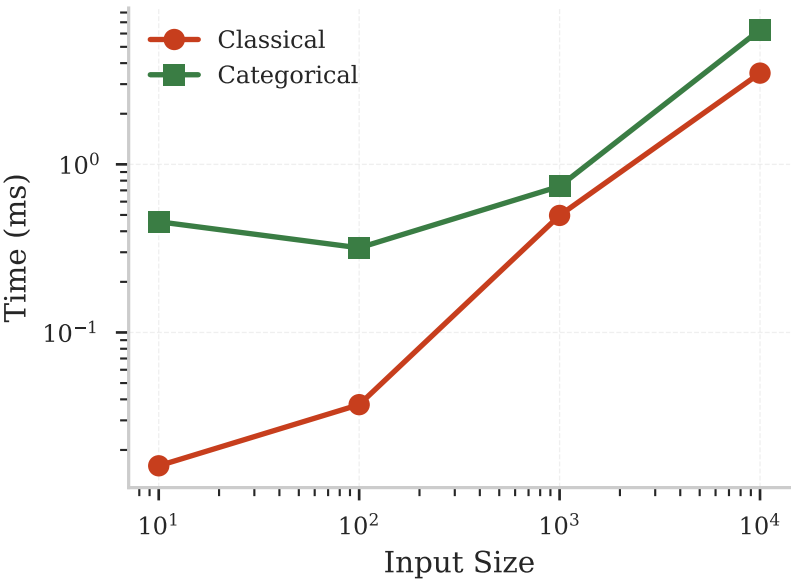
A. Speedup by Task (Categorical/Classical)
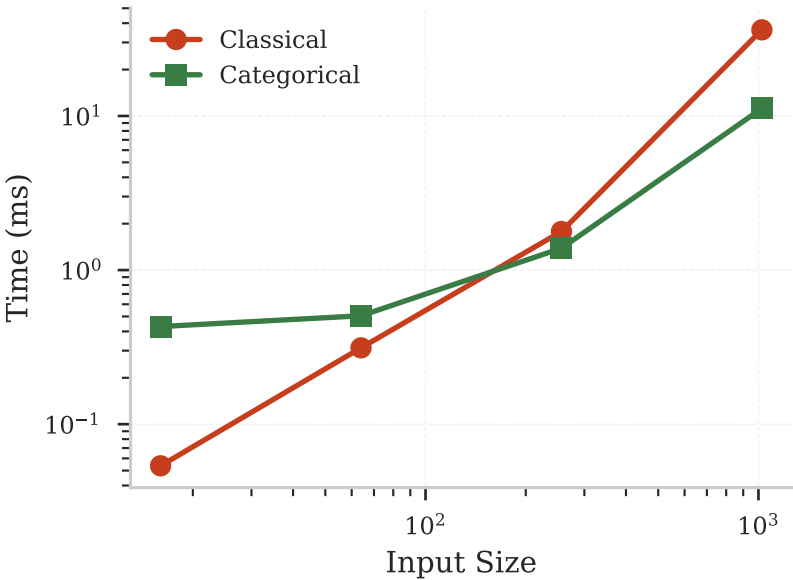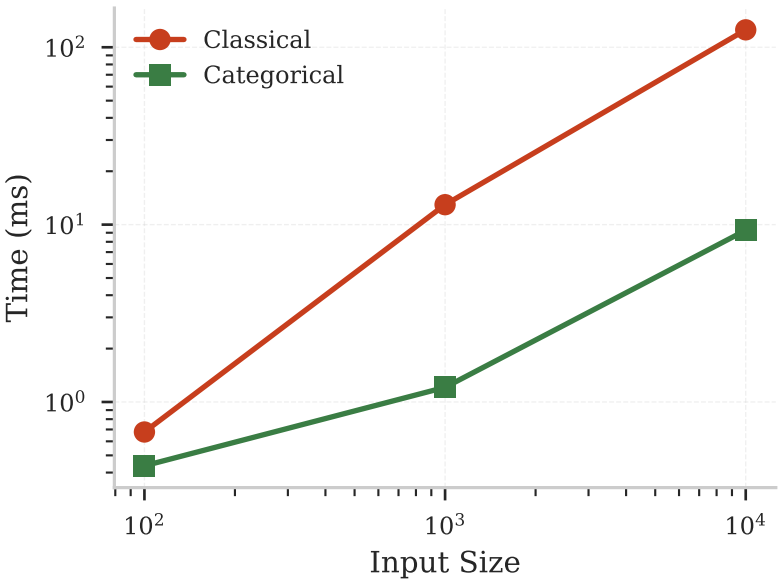
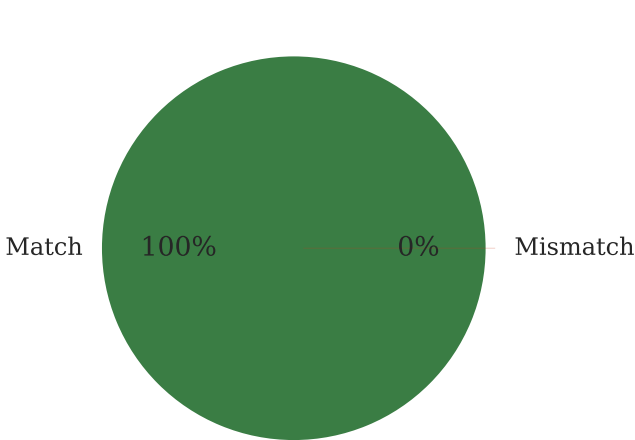**B. Operation Reduction**

C. Dot Product Scaling

D. Matrix Multiply Scaling

E. Sorting Scaling

F. Result Accuracy

G. Performance Profile: Best vs Worst Cases