

# Homework 1: Vector Search

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## 1 Faiss

### 1.1 Running Times

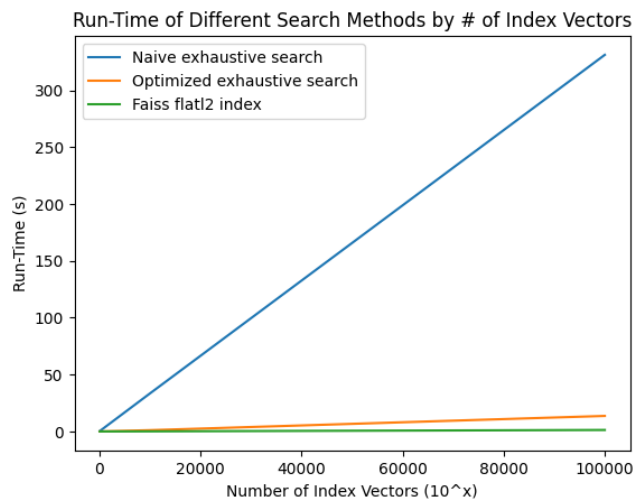


Figure 1.1.1: Running times by Number of Index Vectors

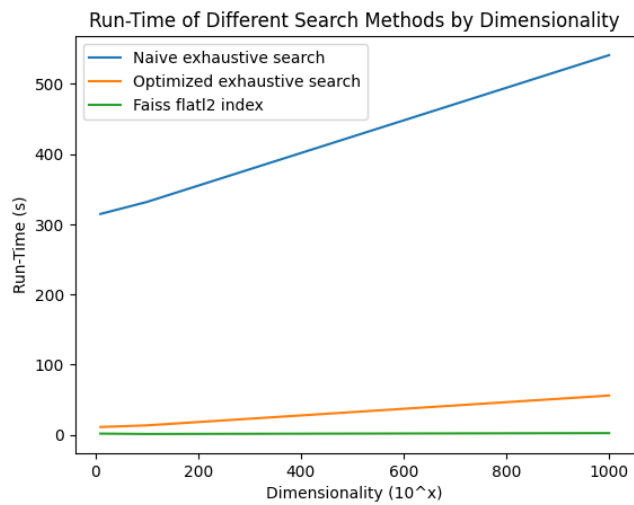


Figure 1.1.2: Running times by Dimentionality

### 1.2 Faiss LSH