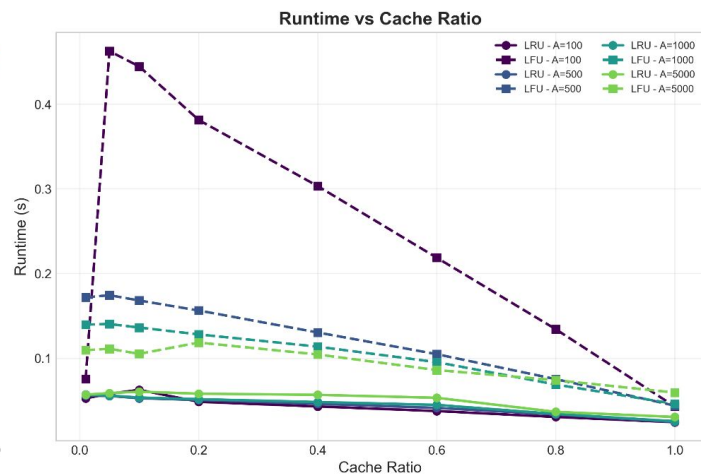
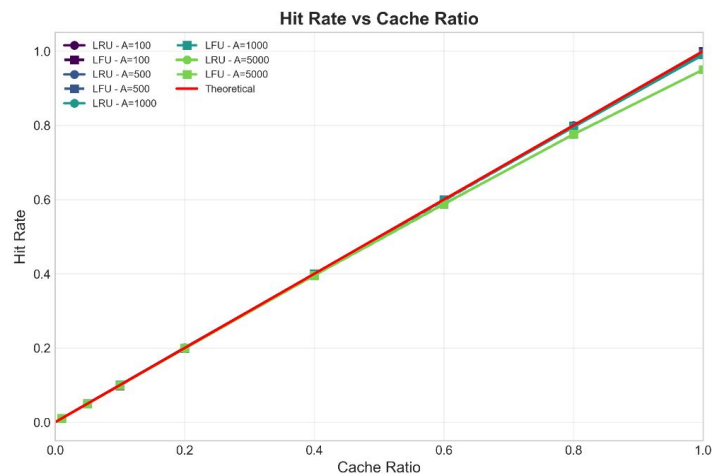
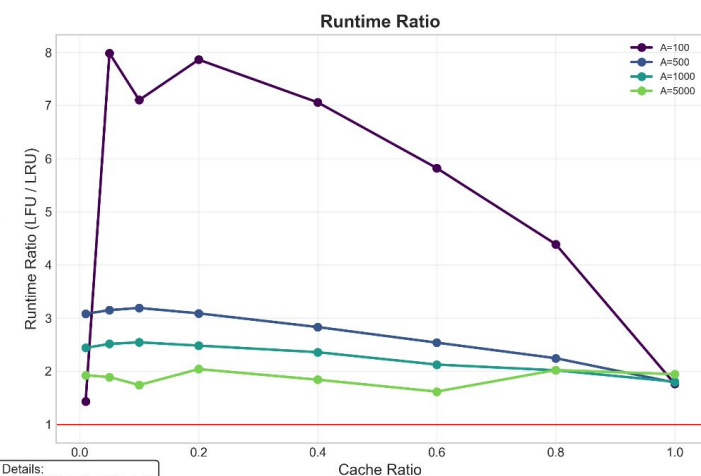
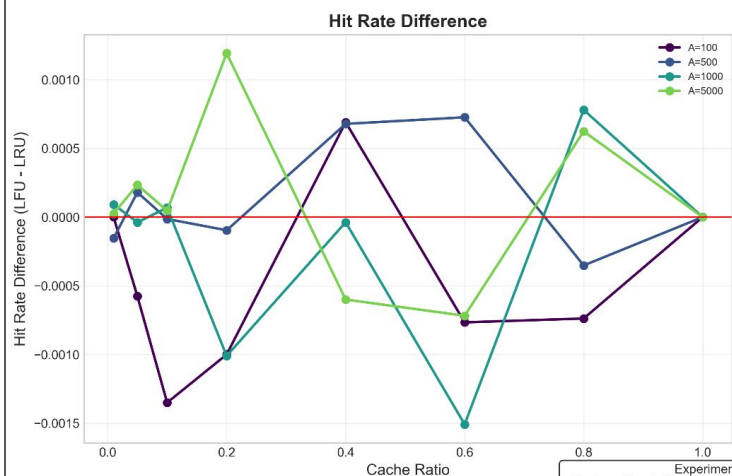


# LRU vs LFU Cache Performance Comparison

*Uniform  
Random  
Access  
Distribution*



Cache ratio = size of  
cache in relation to  
alphabet  
(Cache size / alphabet size)



Experiment Details:  
 • Cache ratios: 0.01, 0.05, 0.10, 0.20, 0.40, 0.60, 0.80, 1.00  
 • Alphabet sizes: 100, 500, 1000, 5000  
 • Request sequence length: 100,000

Josh

# Uniform Random Access Distribution

