

## EXPERIMENT 8

TWO SITES, HOMOGENEOUS DISKS, 0 DELAY,  $i_1 + i_2 = 20$

$speedChoices = [6.1']$

$i_1 = 5, i_2 = 15$

### TOTAL RETRIEVAL TIME

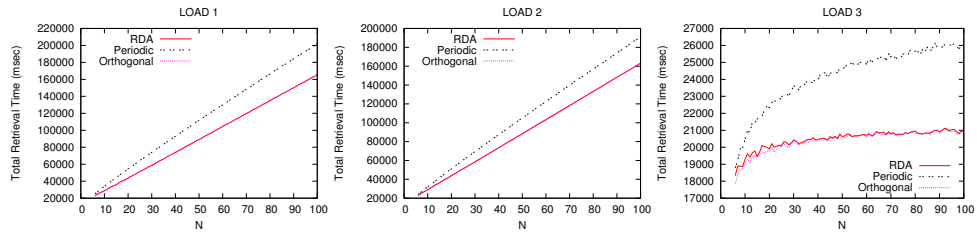


Figure 1: Total Retrieval Time, Arbitrary Queries

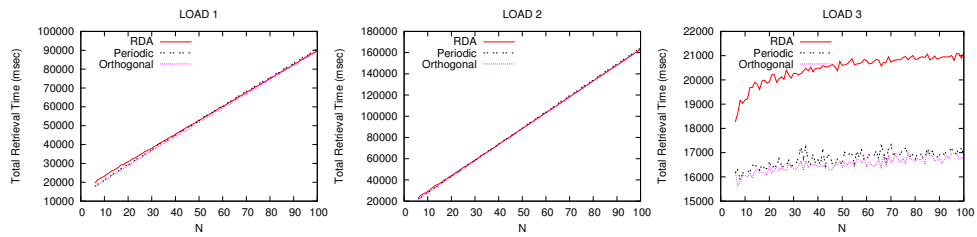


Figure 2: Total Retrieval Time, Range Queries

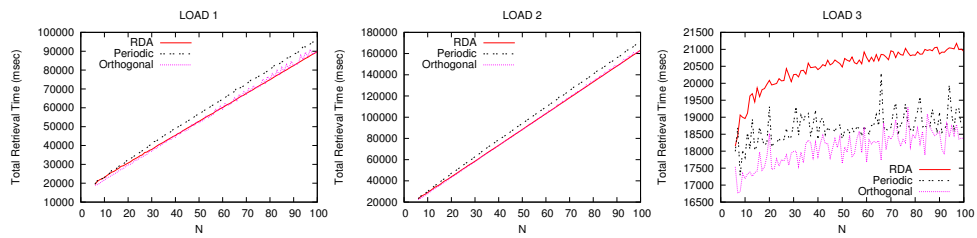


Figure 3: Total Retrieval Time, Connected Queries

## MAX-FLOW VS. ONLINE

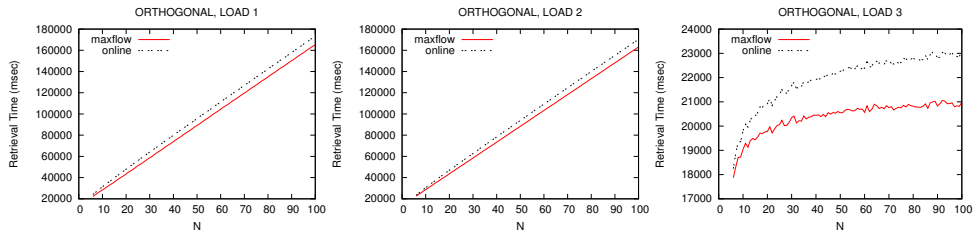


Figure 4: Max-flow vs. Online, Arbitrary, Orthogonal

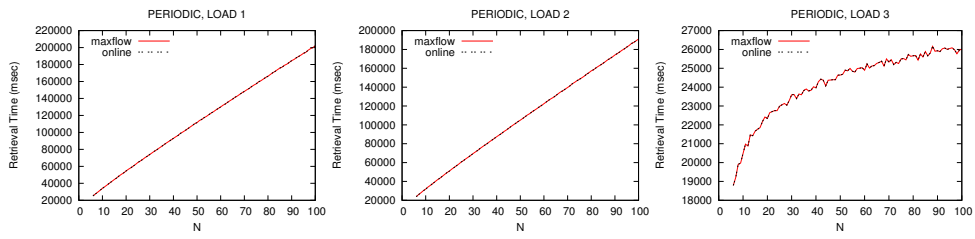


Figure 5: Max-flow vs. Online, Arbitrary, Periodic

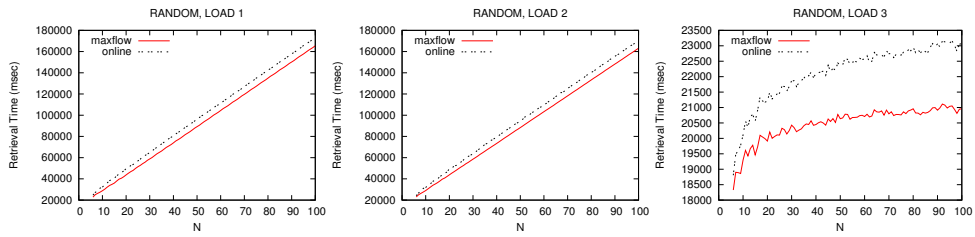


Figure 6: Max-flow vs. Online, Arbitrary, Random

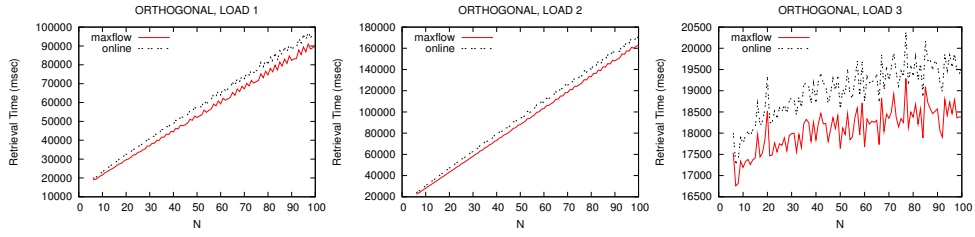


Figure 7: Max-flow vs. Online, Connected, Orthogonal

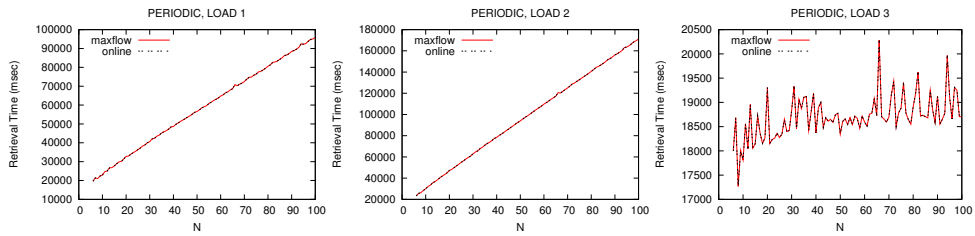


Figure 8: Max-flow vs. Online, Connected, Periodic

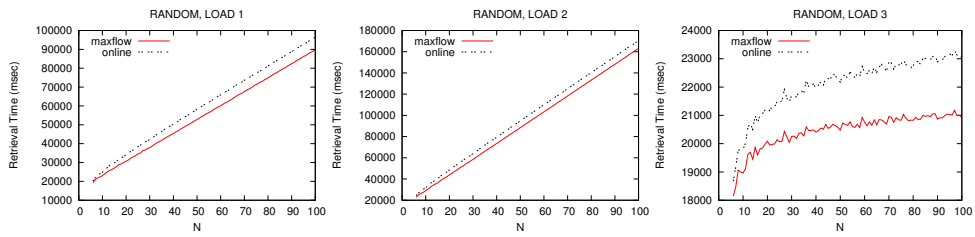


Figure 9: Max-flow vs. Online, Connected, Random

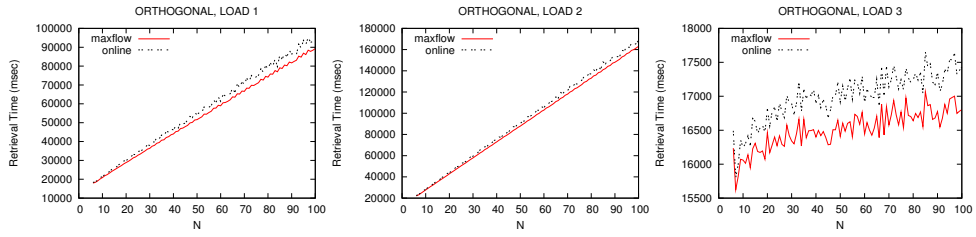


Figure 10: Max-flow vs. Online, Range, Orthogonal

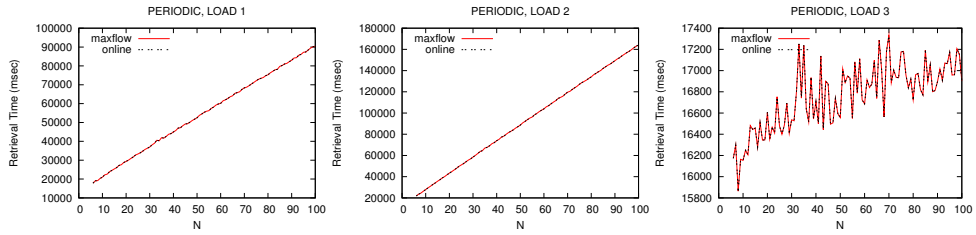


Figure 11: Max-flow vs. Online, Range, Periodic

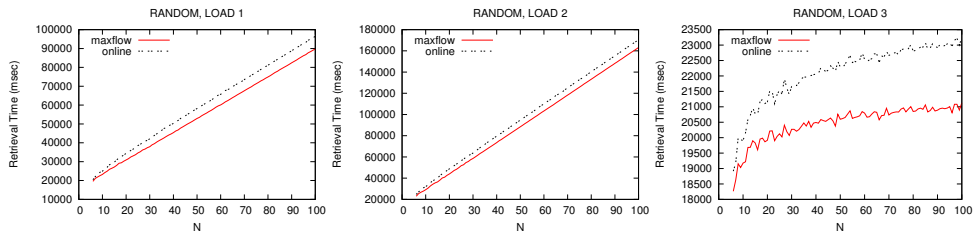


Figure 12: Max-flow vs. Online, Range, Random

## RUNNING TIME

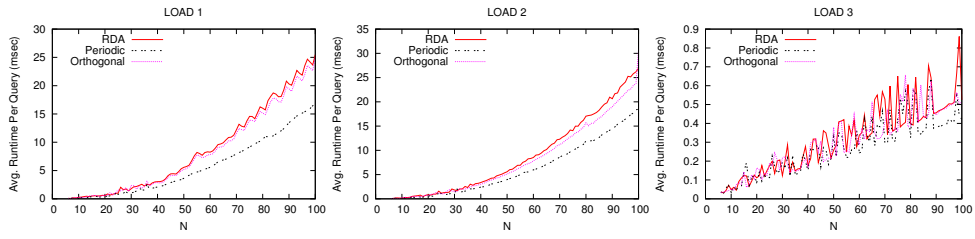


Figure 13: Running time, Arbitrary Queries

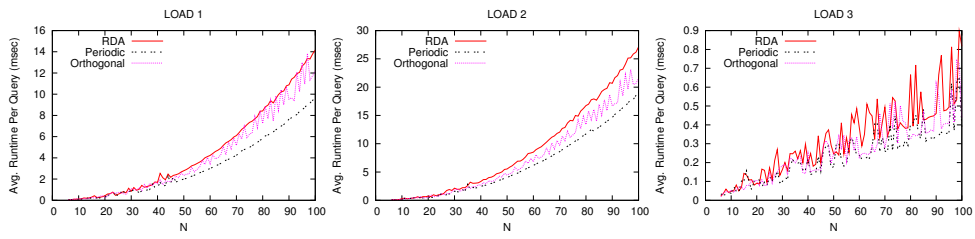


Figure 14: Running time, Range Queries

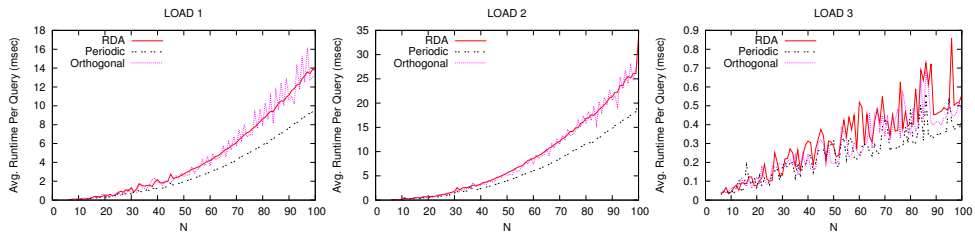


Figure 15: Running time, Connected Queries

## MAX-FLOW RUN AMOUNT

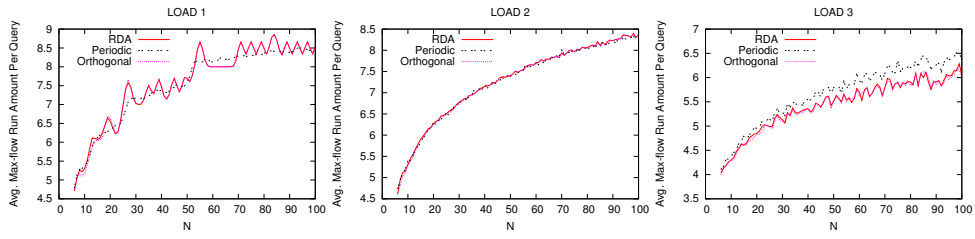


Figure 16: Max-flow Run Amount, Arbitrary Queries

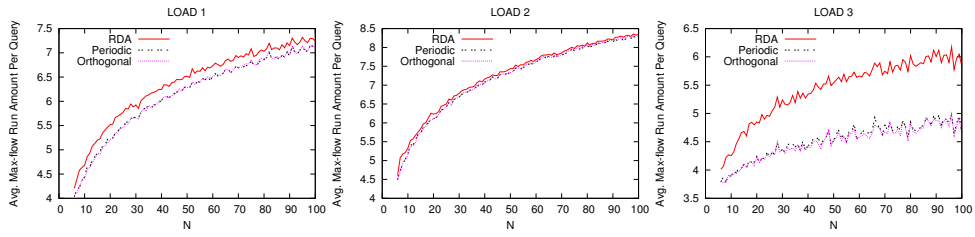


Figure 17: Max-flow Run Amount, Range Queries

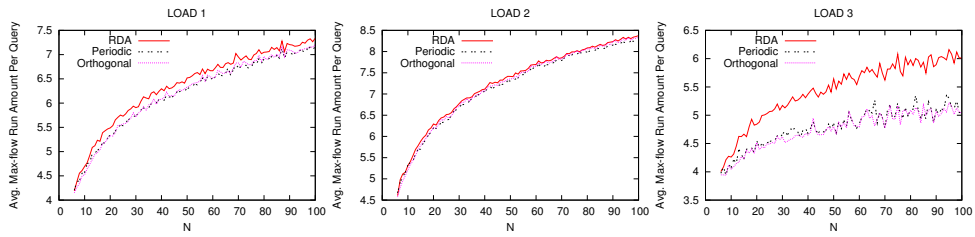


Figure 18: Max-flow Run Amount, Connected Queries

# OPTIMALITY

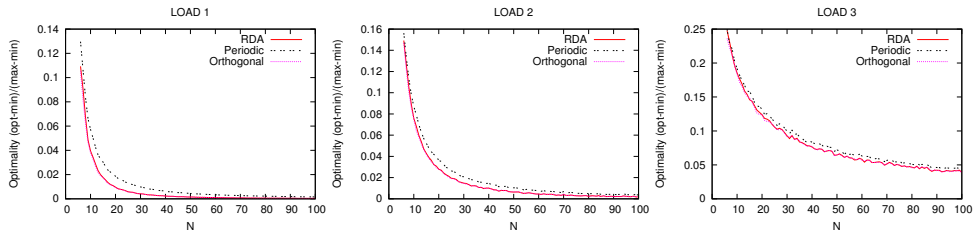


Figure 19: Optimality, Arbitrary Queries

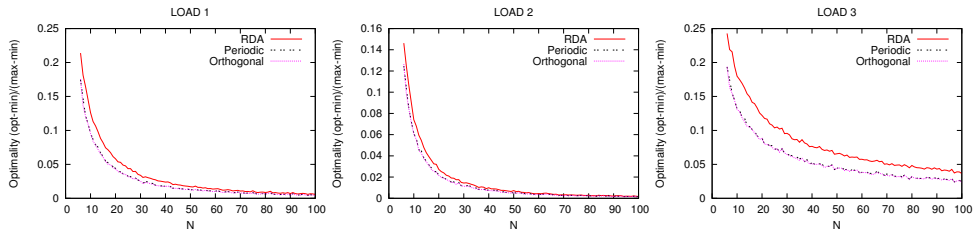


Figure 20: Optimality, Range Queries

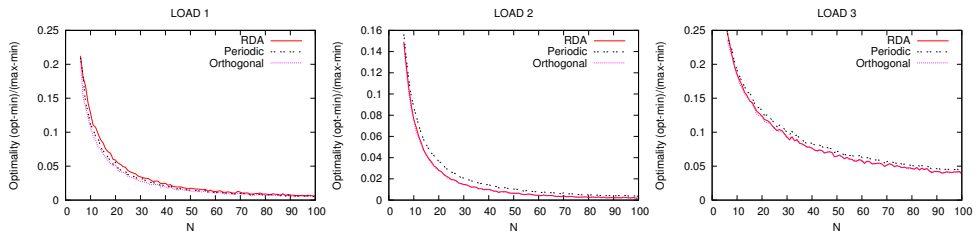


Figure 21: Optimality, Connected Queries