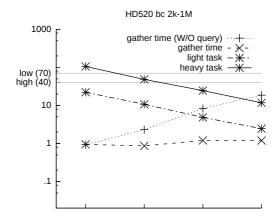
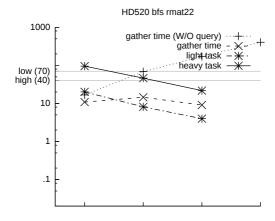


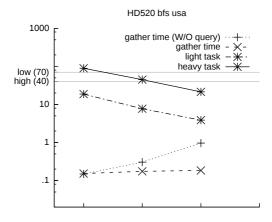
number of non-cooperative workgroups



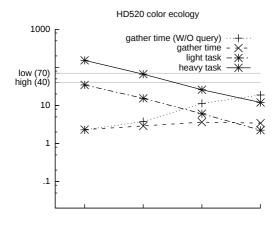
number of non-cooperative workgroups



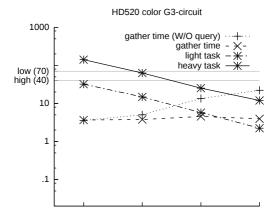
number of non-cooperative workgroups



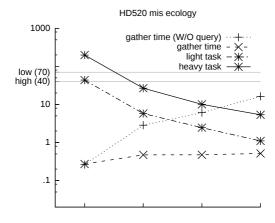
number of non-cooperative workgroups



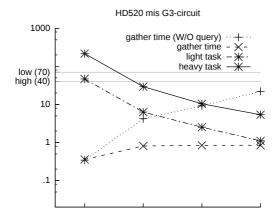
number of non-cooperative workgroups



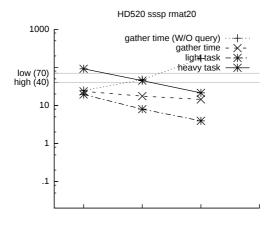
number of non-cooperative workgroups



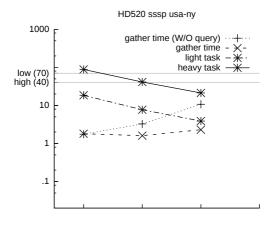
number of non-cooperative workgroups



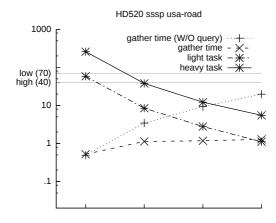
number of non-cooperative workgroups



number of non-cooperative workgroups

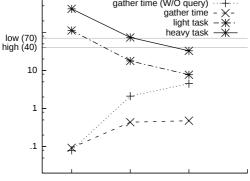


number of non-cooperative workgroups



number of non-cooperative workgroups

# HD5500 bc 1k-128k gather time (W/O query) + + · · gather time - Xlight task - ₩ heavy task -X



1000

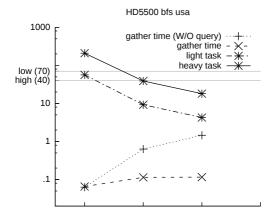
number of non-cooperative workgroups

#### HD5500 bc 2k-1M 1000 gather time (W/O query) + + · · gather time - Xlight task - ₩ heavy task -X low (70) high (40) 10

number of non-cooperative workgroups

### HD5500 bfs rmat22 1000 gather time (W/O query) + + · · gather time - Xlight task - \* heavy task -X low (70) high (40) 10

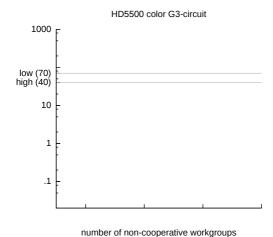
number of non-cooperative workgroups



number of non-cooperative workgroups

# HD5500 color ecology 1000 gather time (W/O query) + + · · gather time - Xlight task - ₩ heavy task -X low (70) high (40) 10

number of non-cooperative workgroups

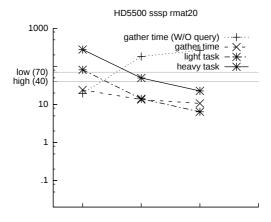


# HD5500 mis ecology 1000 gather time (W/O query) + + · · gather time - Xlight task - ₩ heavy task -X low (70) high (40) 10

number of non-cooperative workgroups

#### HD5500 mis G3-circuit 1000 gather time (W/O query) + + · · gather time - Xlight task - ₩ heavy task -X low (70) high (40) 10

number of non-cooperative workgroups



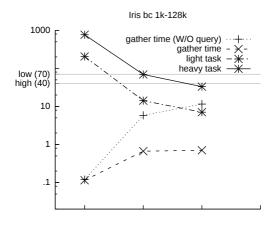
number of non-cooperative workgroups

# HD5500 sssp usa-ny 1000 gather time (W/O query) + + · · gather time - Xlight task - <del>X</del> · heavy task -X low (70) high (40) 10

number of non-cooperative workgroups

#### HD5500 sssp usa-road 1000 gather time (W/O query) + + · · gather time - Xlight task - ₩ heavy task -X low (70) high (40) 10

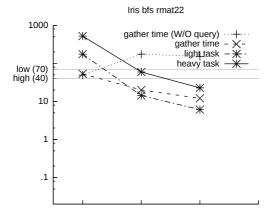
number of non-cooperative workgroups



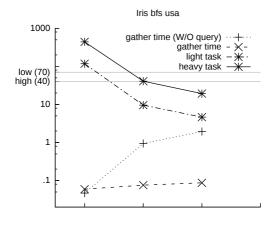
number of non-cooperative workgroups

Iris bc 2k-1M 1000 gather time (W/O query) + + · · gather time - Xlight task - ₩ heavy task -X low (70) high (40) 10

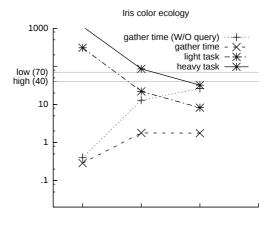
number of non-cooperative workgroups



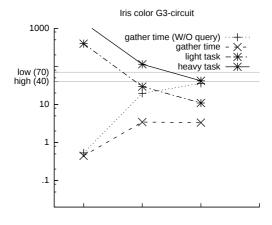
number of non-cooperative workgroups



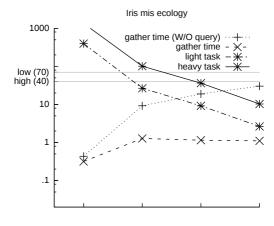
number of non-cooperative workgroups



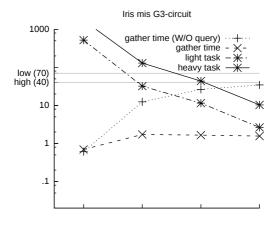
number of non-cooperative workgroups



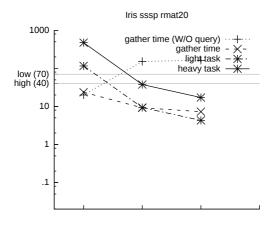
number of non-cooperative workgroups



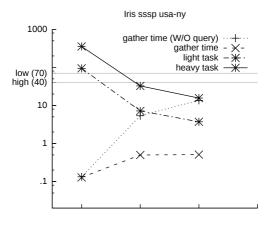
number of non-cooperative workgroups



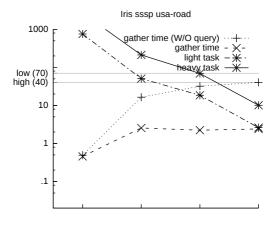
number of non-cooperative workgroups



number of non-cooperative workgroups



number of non-cooperative workgroups



number of non-cooperative workgroups