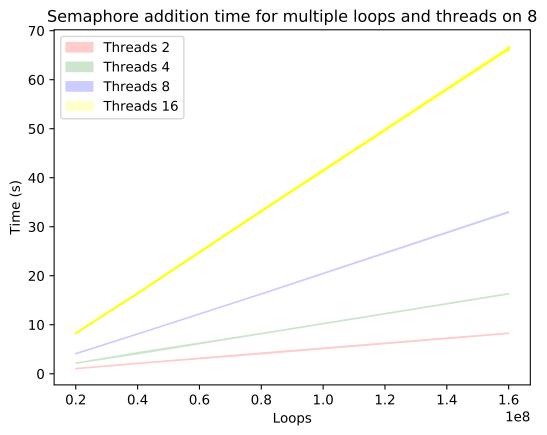
Semaphore addition time for multiple loops and threads on 1 160 Threads 2 Threads 4 140 Threads 8 Threads 16 120 100 Time (s) 80 60 40 20 0 0.2 0.6 1.6 0.4 8.0 1.0 1.2 1.4 1e8 Loops

Semaphore addition time for multiple loops and threads on 4 Threads 2 60 Threads 4 Threads 8 Threads 16 50 40 Time (s) 20 10 0 -0.6 8.0 1.2 1.6 0.2 0.4 1.0 1.4 1e8 Loops



Semaphore addition time for multiple loops and threads on 16 Threads 2 60 Threads 4 Threads 8 Threads 16 50 40 Time (s) 30 20 10 0 0.2 1.2 1.6 0.4 0.6 0.8 1.0 1.4 1e8 Loops