

# Homework 3

## Semaphores

Hannes Rabo, *Information and Communication Technology*, KTH

**IN** this homework we create a concurrent application using semaphores that is fair and correct.

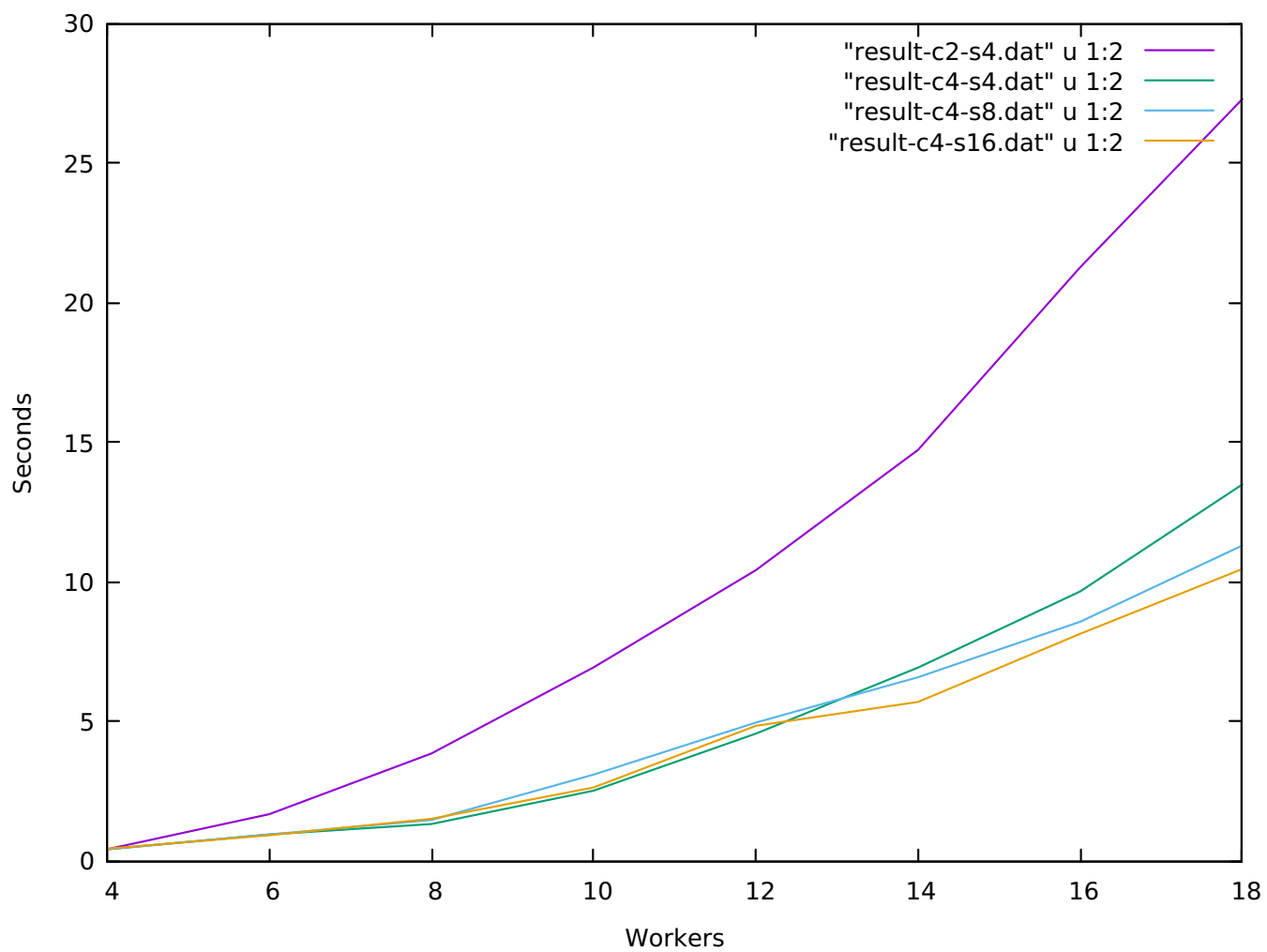


Fig. 1: Total execution time as a function of number of workers (throughput)

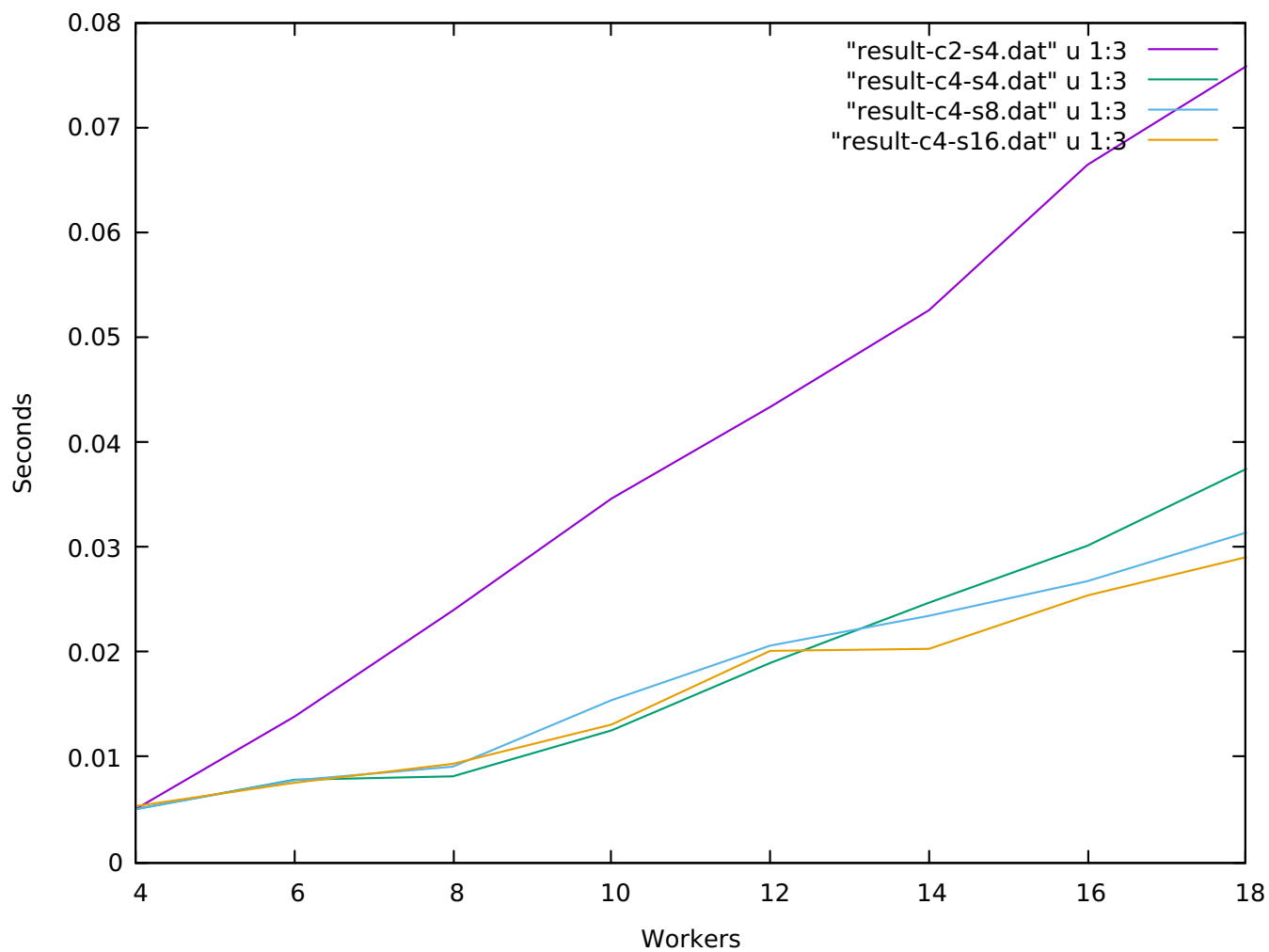


Fig. 2: Average execution time as a function of number of workers (turnaround)