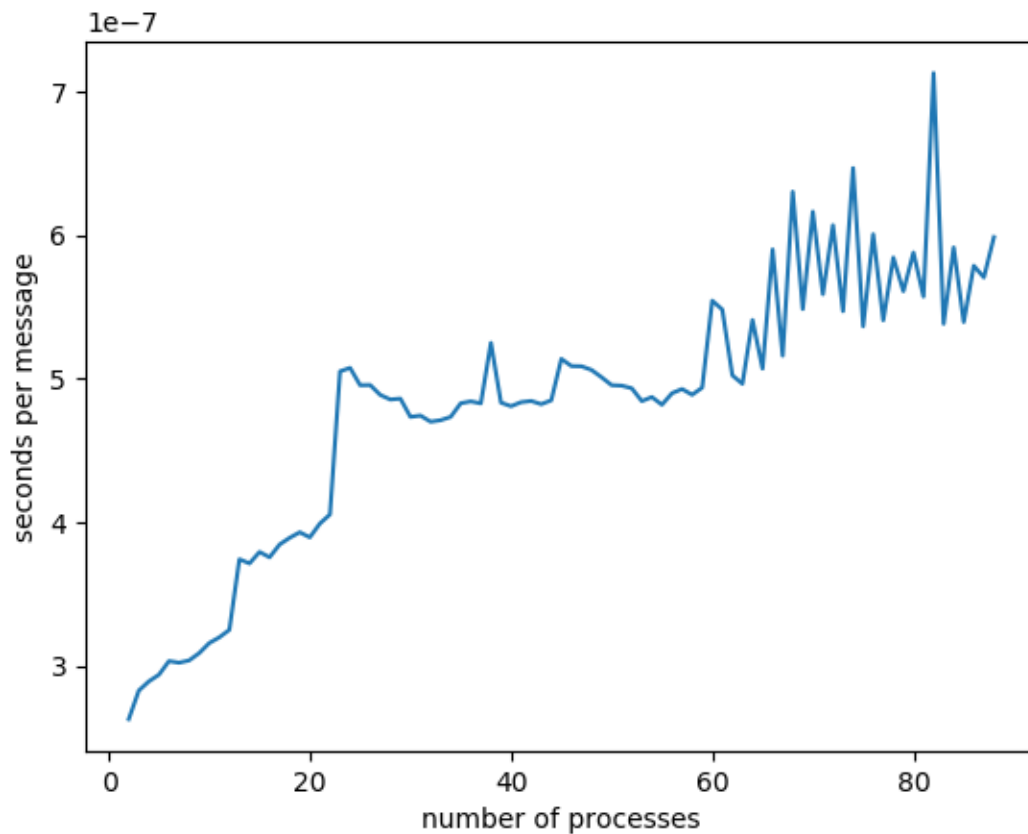


# Exercise 6: MPI ring test

Tian-Ruei Kuan



```
scatter_ring_test:
  size: 4,
  number of trips: 1000,
  time (seconds): 0.00642633,
  seconds per message: 1.60658e-06
```

```
ring_test:
  size: 4,
  number of trips: 1000,
  time (seconds): 0.00115633,
  seconds per message: 2.89083e-07
```

For `scatter_ring_test`, the message needs to go over a network to communicate to another node. As for `ring_test`, only inter-core communication is needed. So the latency for `scatter_ring_test` is higher.