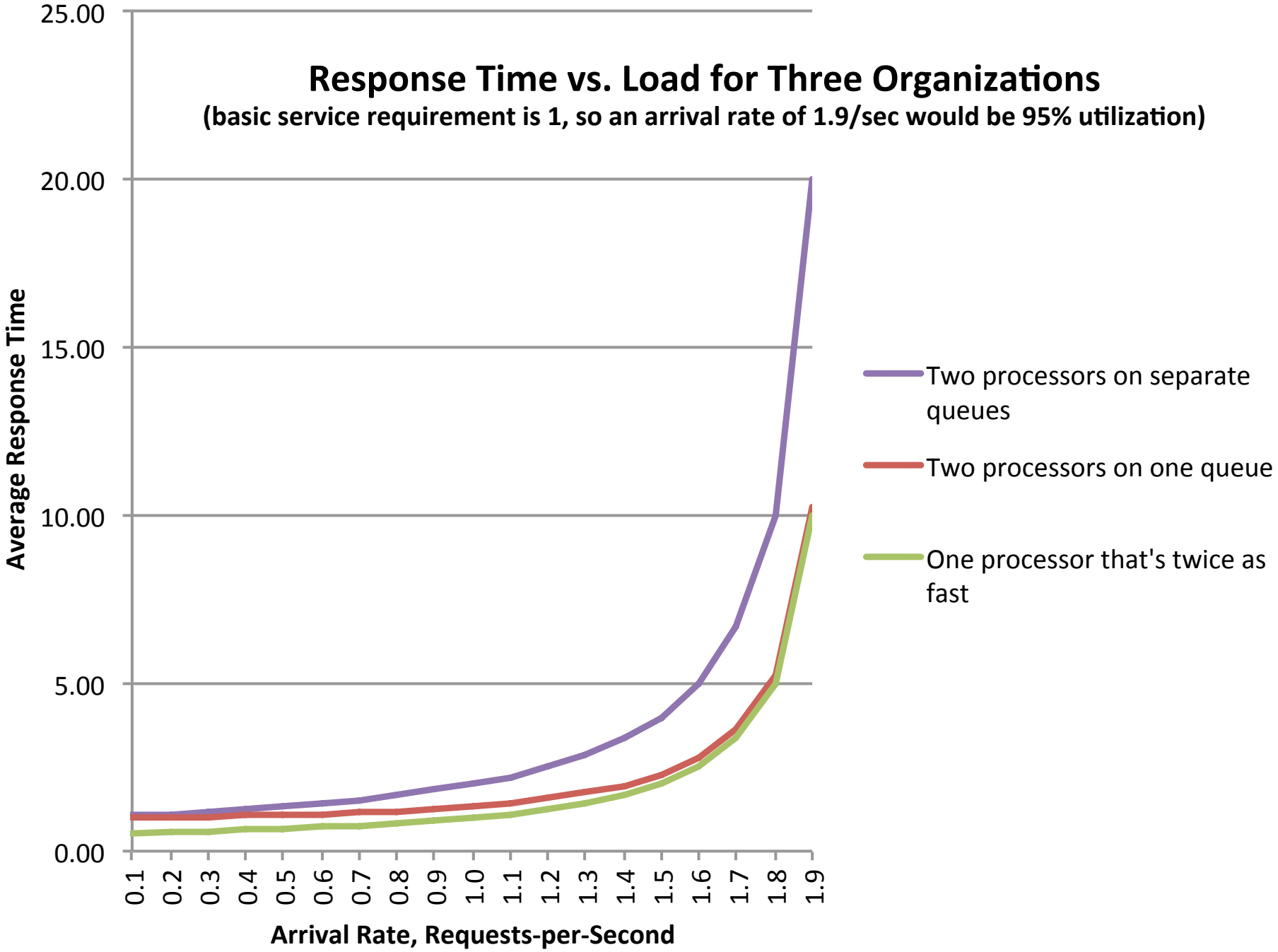
Response Time vs. Load for Three Organizations
(basic service requirement is 1, so an arrival rate of 1.9/sec would be 95% utilization)
Average Response Time
25.00
20.00
15.00
10.00
5.00
0.00
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
Arrival Rate, Requests-per-Second
Two processors on separate queues
Two processors on one queue
One processor that's twice as fast