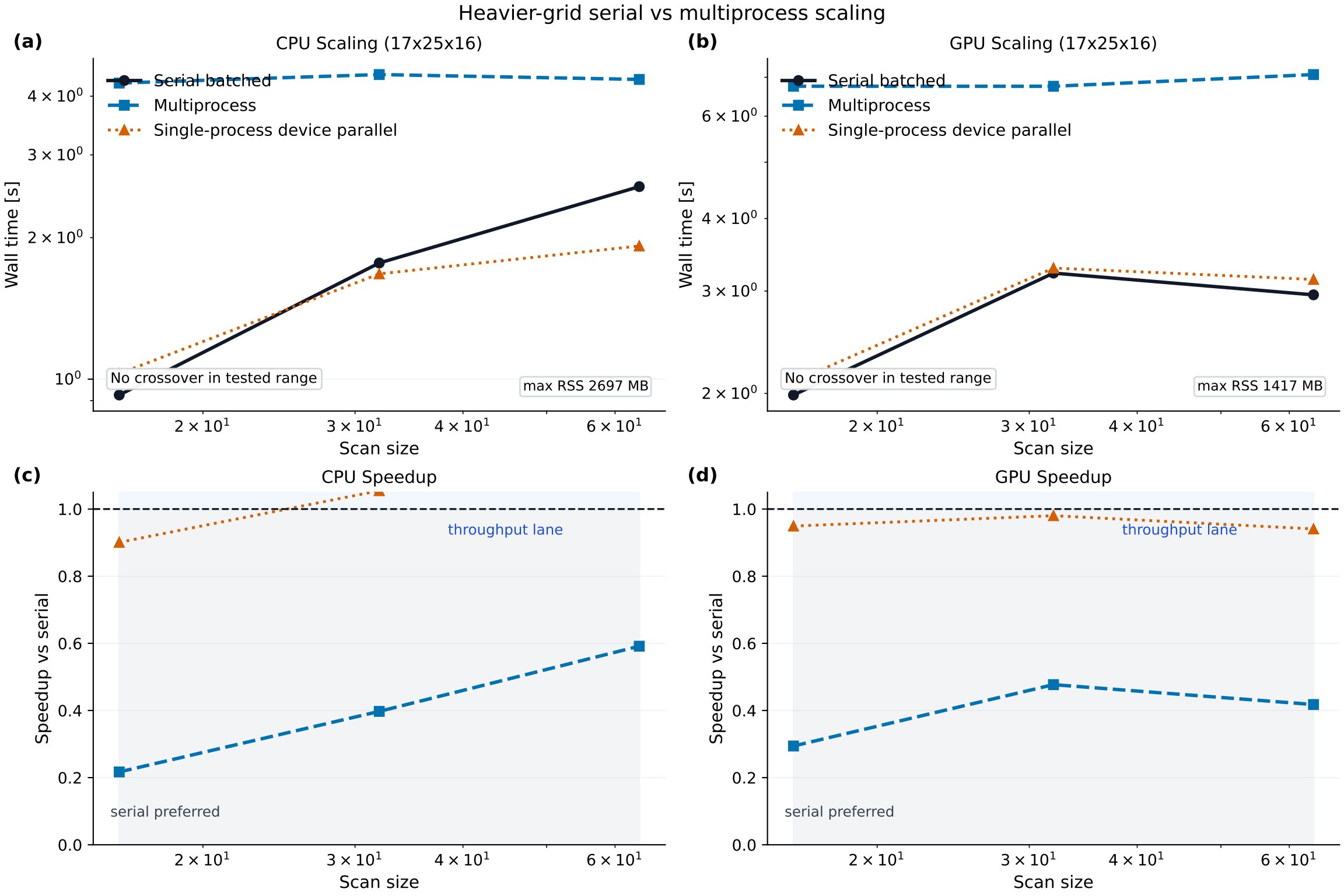
Heavier-grid serial vs multiprocess scaling
(a)
CPU Scaling (17x25x16)
Serial batched
Multiprocess
Single-process device parallel
Wall time [s]
No crossover in tested range
max RSS 2697 MB
Scan size
(b)
GPU Scaling (17x25x16)
Serial batched
Multiprocess
Single-process device parallel
Wall time [s]
No crossover in tested range
max RSS 1417 MB
Scan size
(c)
CPU Speedup
throughput lane
serial preferred
Speedup vs serial
Scan size
(d)
GPU Speedup
throughput lane
serial preferred
Speedup vs serial
Scan size