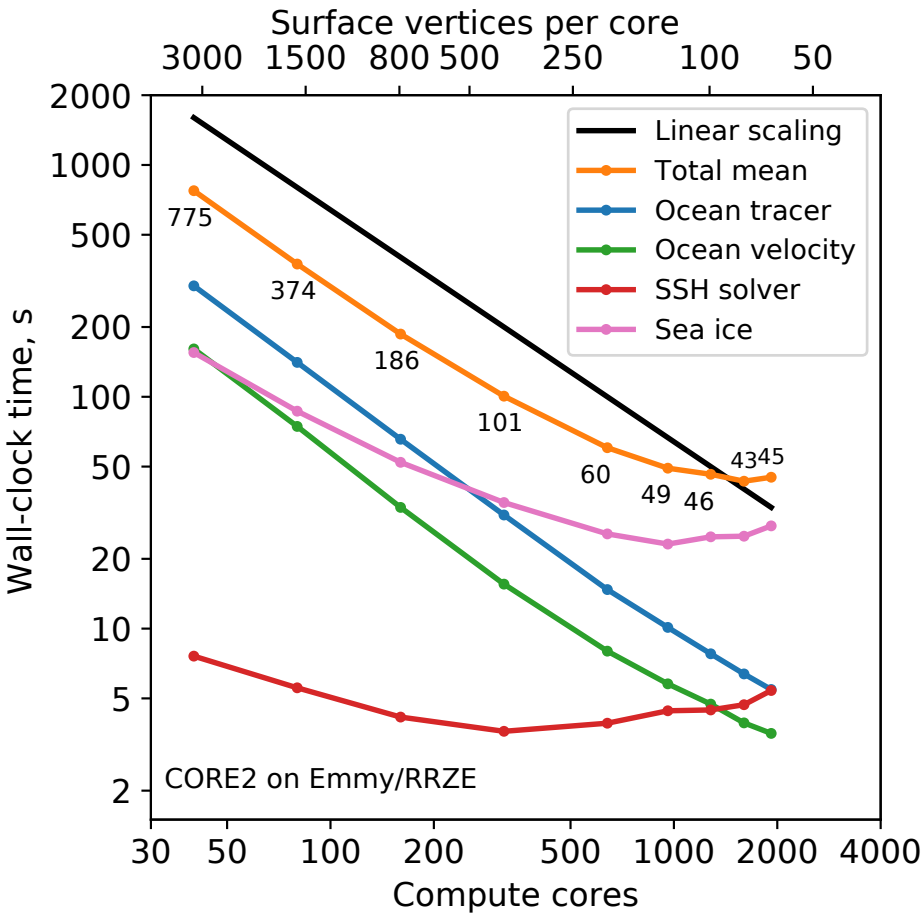
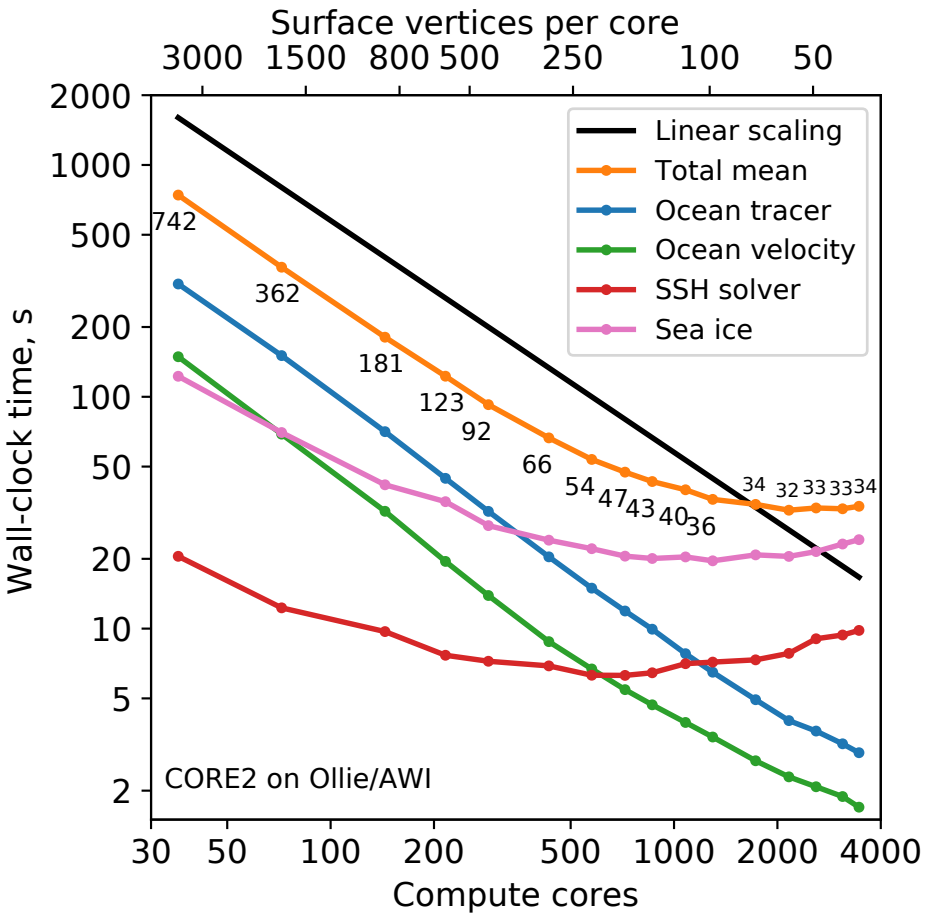

Surface vertices per core
3000 1500 800 500 250 100 50
Linear scaling
Total mean
Ocean tracer
Ocean velocity
SSH solver
Sea ice
775
374
186
101
60
49
46
43
45
CORE2 on Emmy/RRZE
Wall-clock time, s
2000
1000
500
200
100
50
20
10
5
2
30 50 100 200 500 1000 2000 4000
Compute cores


Surface vertices per core
3000 1500 800 500 250 100 50
Linear scaling
Total mean
Ocean tracer
Ocean velocity
SSH solver
Sea ice
742
362
181
123
92
66
54
47
43
40
36
34
32
33
33
34
CORE2 on Ollie/AWI
Wall-clock time, s
2000
1000
500
200
100
50
20
10
5
2
30 50 100 200 500 1000 2000 4000
Compute cores