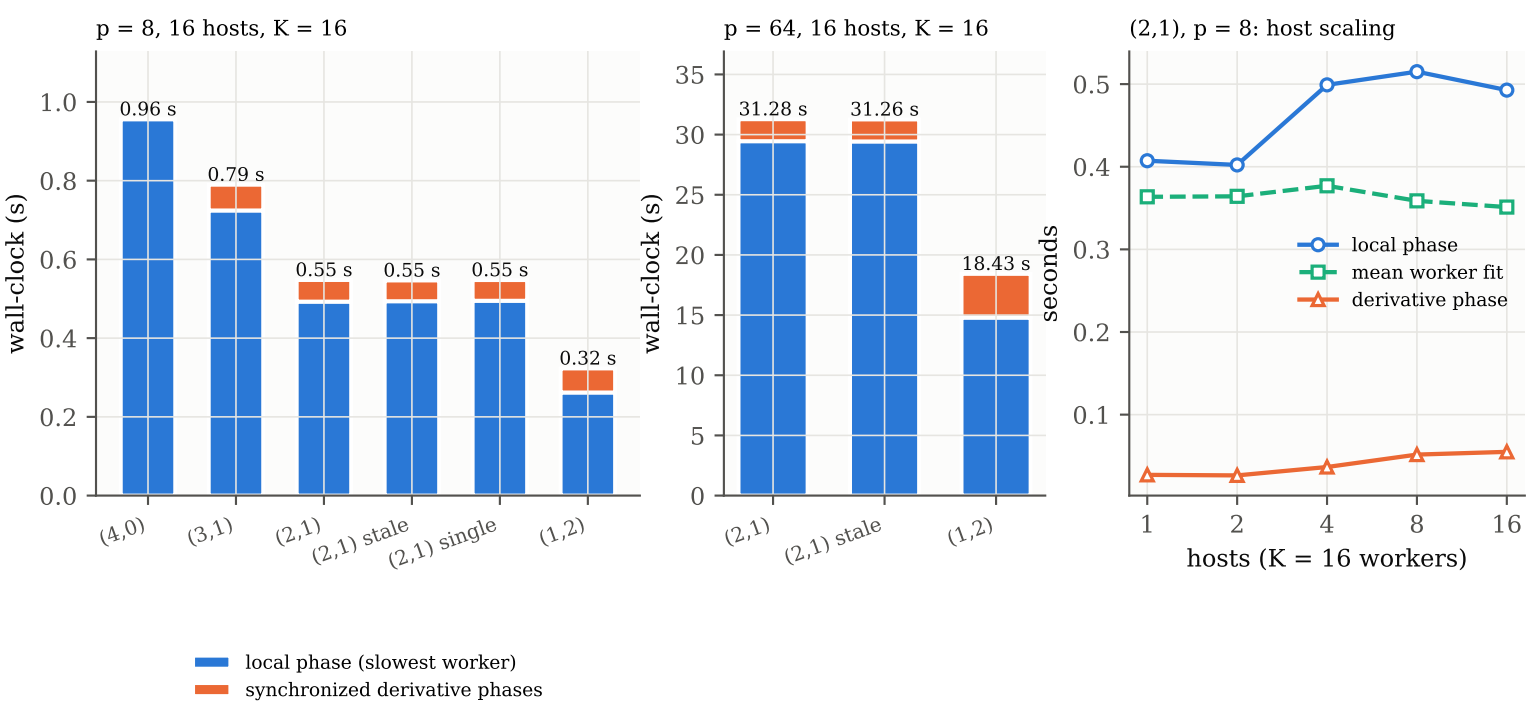

p = 8, 16 hosts, K = 16
wall-clock (s)
0.0
0.2
0.4
0.6
0.8
1.0
0.96 s
0.79 s
0.55 s
0.55 s
0.55 s
0.32 s
(4,0)
(3,1)
(2,1)
(2,1) stale
(2,1) single
(1,2)
p = 64, 16 hosts, K = 16
wall-clock (s)
0
5
10
15
20
25
30
35
31.28 s
31.26 s
18.43 s
(2,1)
(2,1) stale
(1,2)
(2,1), p = 8: host scaling
seconds
0.1
0.2
0.3
0.4
0.5
local phase
mean worker fit
derivative phase
1
2
4
8
16
hosts (K = 16 workers)
local phase (slowest worker)
synchronized derivative phases