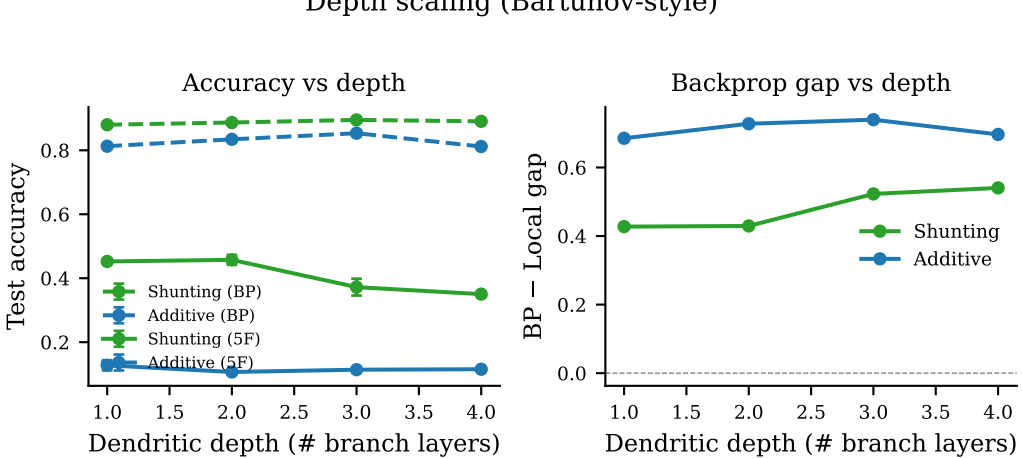
Depth scaling (Bartunov-style)
Accuracy vs depth
Test accuracy
0.2
0.4
0.6
0.8
Shunting (BP)
Additive (BP)
Shunting (5F)
Additive (5F)
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Dendritic depth (# branch layers)
Backprop gap vs depth
BP − Local gap
0.0
0.2
0.4
0.6
Shunting
Additive
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Dendritic depth (# branch layers)