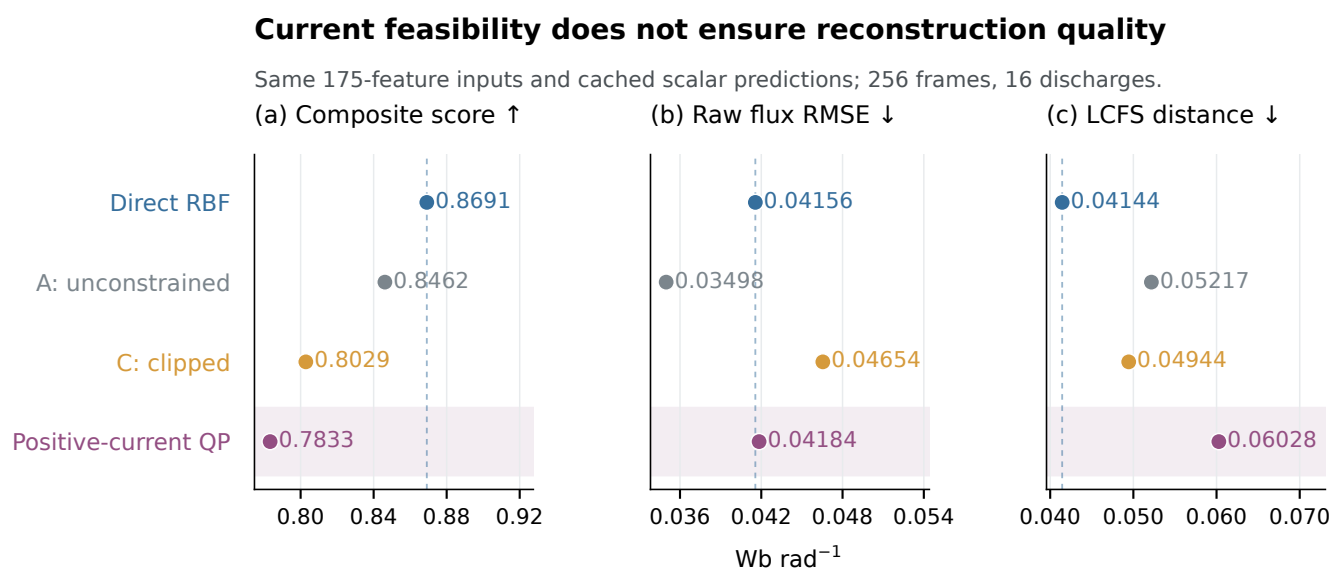
Current feasibility does not ensure reconstruction quality
Same 175-feature inputs and cached scalar predictions; 256 frames, 16 discharges.
(a) Composite score ↑
(b) Raw flux RMSE ↓
(c) LCFS distance ↓
Direct RBF
A: unconstrained
C: clipped
Positive-current QP
0.8691
0.8462
0.8029
0.7833
0.04156
0.03498
0.04654
0.04184
0.04144
0.05217
0.04944
0.06028
0.80
0.84
0.88
0.92
0.036
0.042
0.048
0.054
0.040
0.050
0.060
0.070
Wb rad^{-1}
Points are retained aggregate metrics. Dashed lines mark direct RBF, not acceptance thresholds.