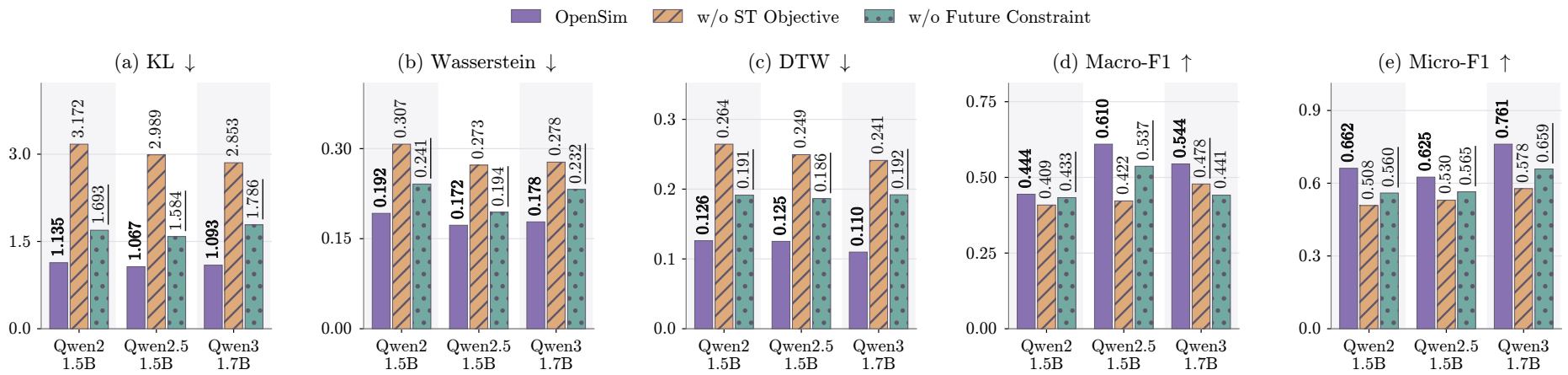
OpenSim
w/o ST Objective
w/o Future Constraint
(a) KL ↓
(b) Wasserstein ↓
(c) DTW ↓
(d) Macro-F1 ↑
(e) Micro-F1 ↑
Qwen2 1.5B
Qwen2.5 1.5B
Qwen3 1.7B
1.135
3.172
1.693
1.067
2.989
1.584
1.093
2.853
1.786
0.192
0.307
0.241
0.172
0.273
0.194
0.178
0.278
0.232
0.126
0.264
0.191
0.125
0.249
0.186
0.110
0.241
0.192
0.444
0.409
0.433
0.610
0.422
0.537
0.544
0.478
0.441
0.662
0.508
0.560
0.625
0.530
0.565
0.761
0.578
0.659