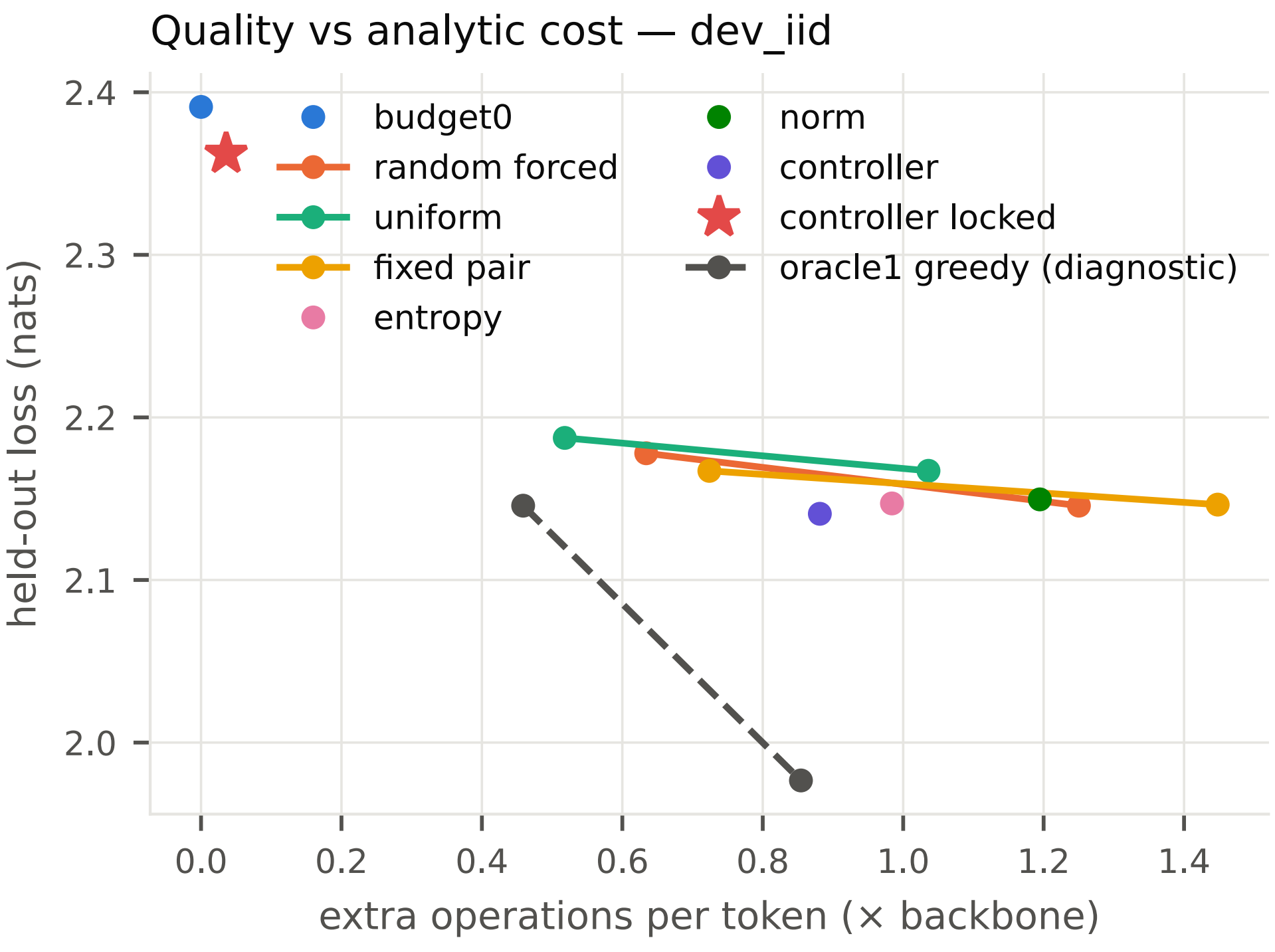

Quality vs analytic cost — dev_iid
held-out loss (nats)
2.4
2.3
2.2
2.1
2.0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
extra operations per token (× backbone)
budget0
random forced
uniform
fixed pair
entropy
norm
controller
controller locked
oracle1 greedy (diagnostic)