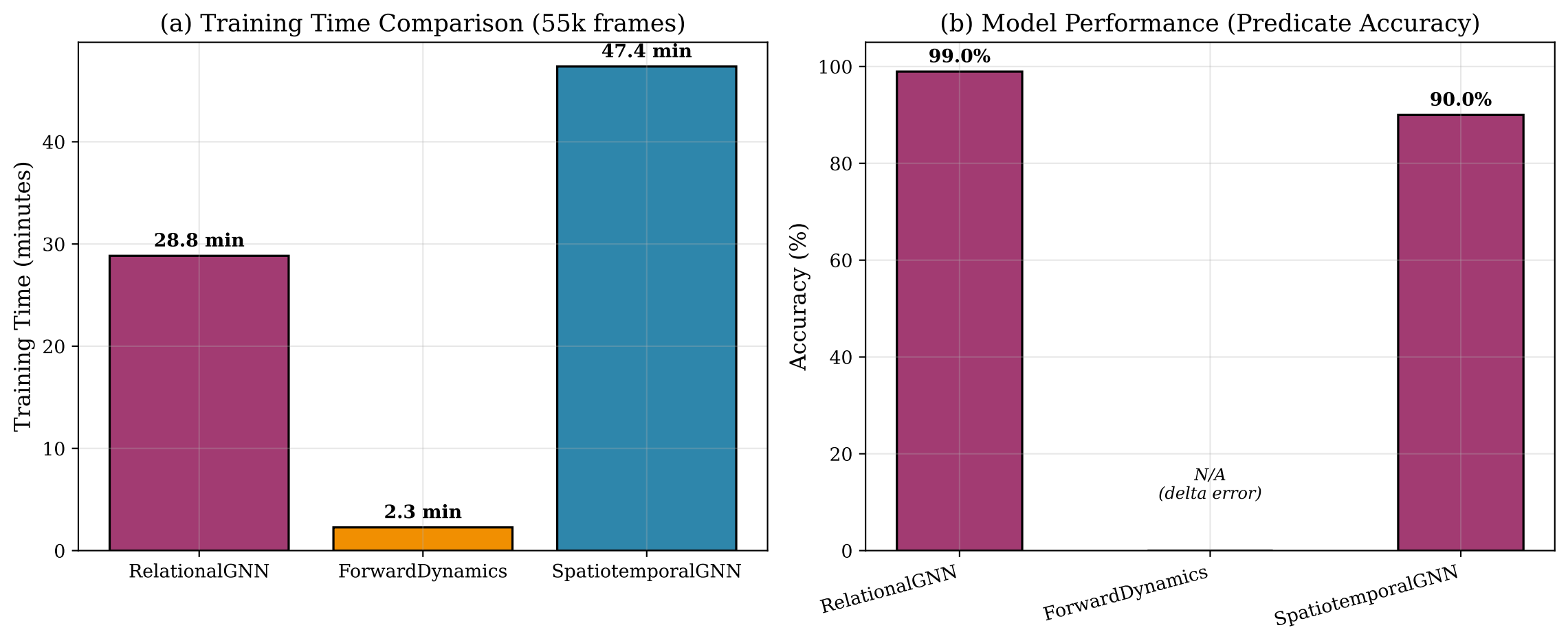
(a) Training Time Comparison (55k frames)
Training Time (minutes)
0
10
20
30
40
28.8 min
2.3 min
47.4 min
RelationalGNN
ForwardDynamics
SpatiotemporalGNN
(b) Model Performance (Predicate Accuracy)
Accuracy (%)
0
20
40
60
80
100
99.0%
N/A
(delta error)
90.0%
RelationalGNN
ForwardDynamics
SpatiotemporalGNN