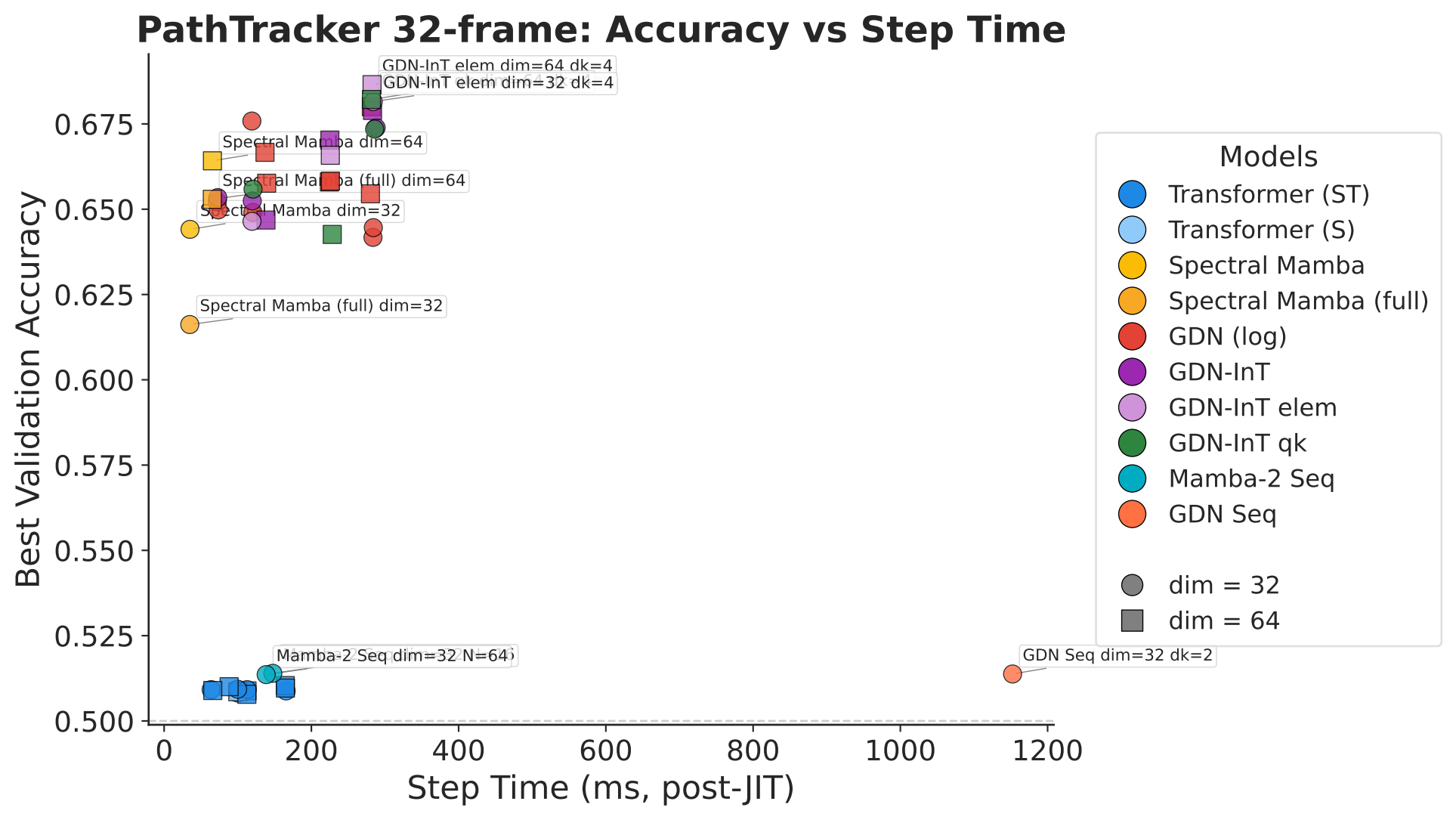
PathTracker 32-frame: Accuracy vs Step Time
Best Validation Accuracy
Step Time (ms, post-JIT)
0.675
0.650
0.625
0.600
0.575
0.550
0.525
0.500
0
200
400
600
800
1000
1200
GDN-InT elem dim=64 dk=4
GDN-InT elem dim=32 dk=4
Spectral Mamba dim=64
Spectral Mamba (full) dim=64
Spectral Mamba dim=32
Spectral Mamba (full) dim=32
Mamba-2 Seq dim=32 N=64
GDN Seq dim=32 dk=2
Models
Transformer (ST)
Transformer (S)
Spectral Mamba
Spectral Mamba (full)
GDN (log)
GDN-InT
GDN-InT elem
GDN-InT qk
Mamba-2 Seq
GDN Seq
dim = 32
dim = 64