

Table 1: MAPE Errors for AAPL, NVDA, and MSFT

Stock	Latency	MAPE Error (States)		
		VI	EM	KMeans
AAPL	2 days	1.34 (5)	1.34 (4)	1.21 (6)
	4 days	1.34 (4)	1.34 (6)	1.19 (7)
	7 days	1.34 (5)	1.34 (5)	1.24 (7)
	14 days	1.34 (5)	1.34 (5)	1.34 (6)
NVDA	2 days	2.94 (4)	2.85 (4)	2.82 (7)
	4 days	2.87 (7)	2.85 (7)	2.93 (6)
	7 days	2.87 (7)	2.85 (5)	2.82 (7)
	14 days	2.87 (7)	2.85 (7)	2.94 (6)
MSFT	2 days	1.05 (6)	1.08 (3)	1.08 (7)
	4 days	1.05 (5)	1.04 (4)	1.08 (6)
	7 days	1.04 (5)	1.30 (5)	1.04 (7)
	14 days	1.04 (4)	1.30 (5)	1.08 (5)