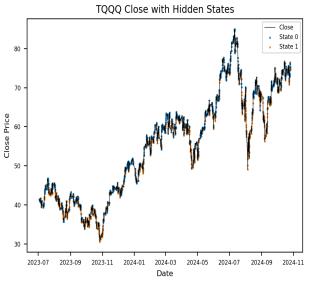
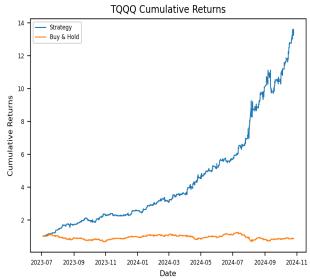
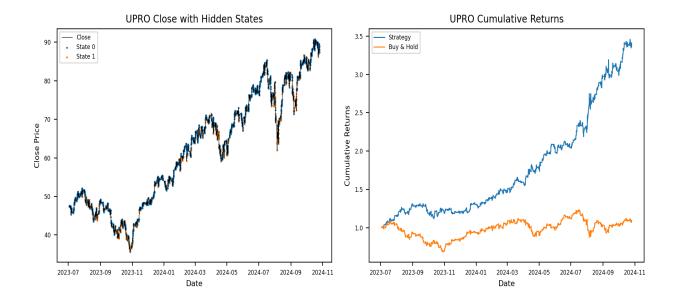
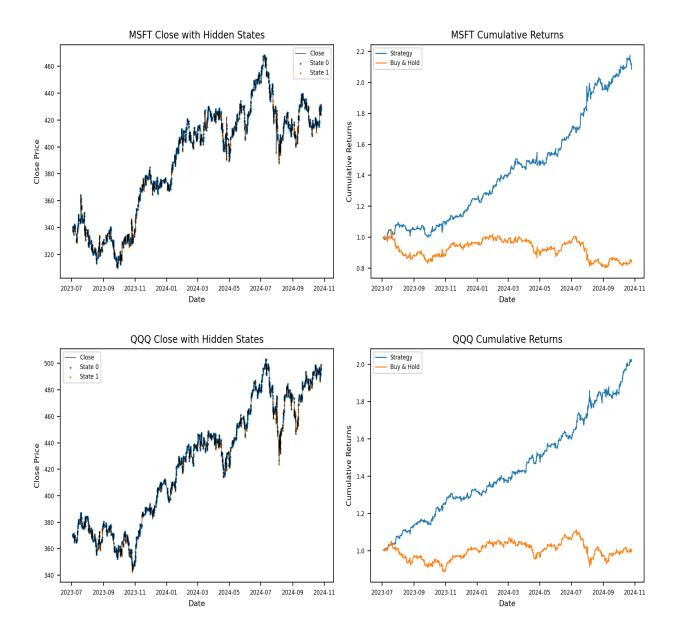
## **Individual HMM Model Performance Report**

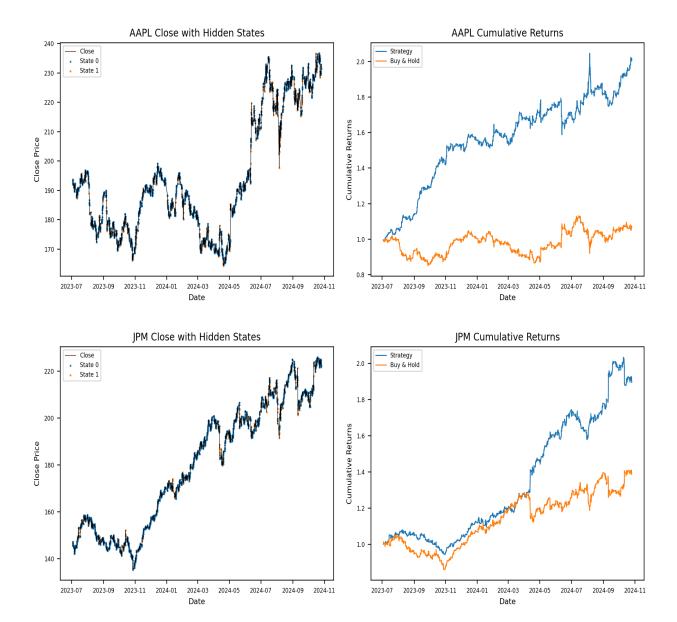
Ticker	Strategy Return	Buy & Hold Return	Outperformance	Sharpe Ratio	Max Drawdown
TQQQ	1246.58%	-14.44%	1261.02%	51.33	-12.74%
UPRO	235.90%	7.00%	228.90%	17.15	-14.96%
MSFT	108.69%	-15.64%	124.33%	12.83	-8.66%
QQQ	101.94%	-0.22%	102.16%	17.20	-5.05%
AAPL	100.54%	6.68%	93.86%	10.69	-14.59%
JPM	90.00%	38.98%	51.01%	11.51	-12.65%
GOOG	85.28%	-3.69%	88.97%	7.63	-15.39%
V	41.50%	6.53%	34.97%	6.13	-15.21%
SPY	40.59%	5.43%	35.16%	9.38	-5.58%
DIA	37.67%	13.83%	23.84%	8.99	-6.17%
XOM	25.32%	-10.58%	35.89%	3.41	-15.60%
PLTR	16.17%	13.54%	2.63%	0.68	-37.20%

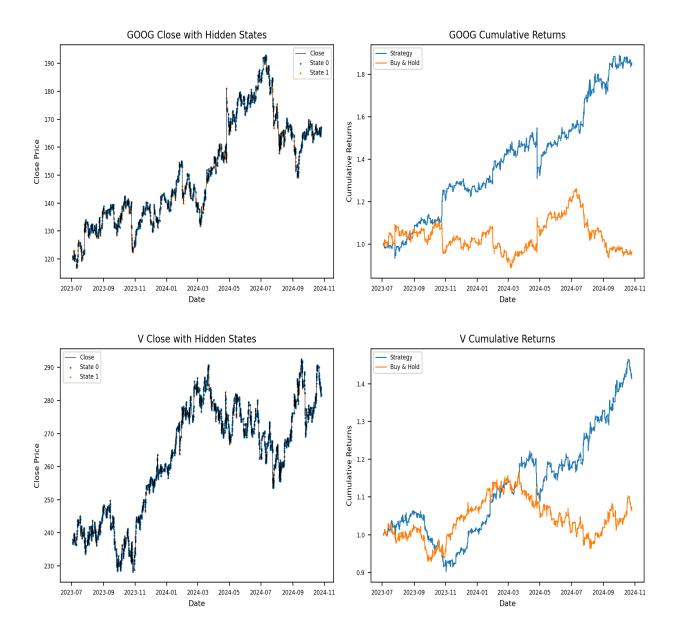


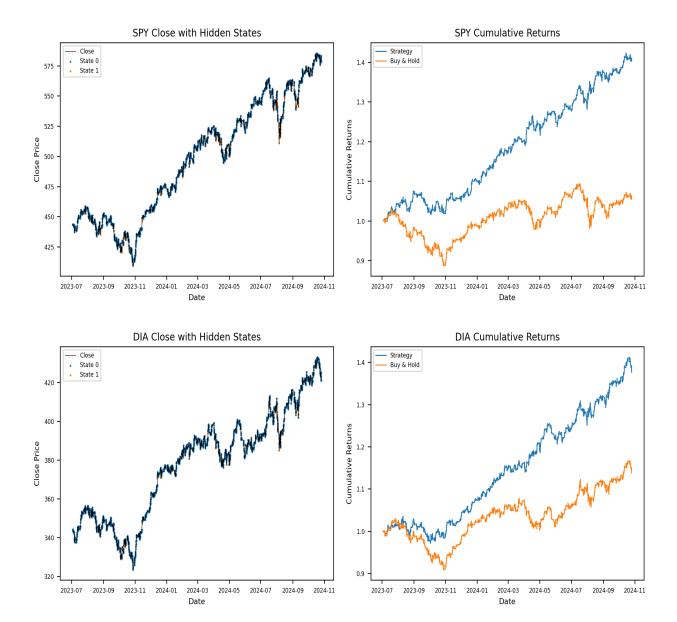


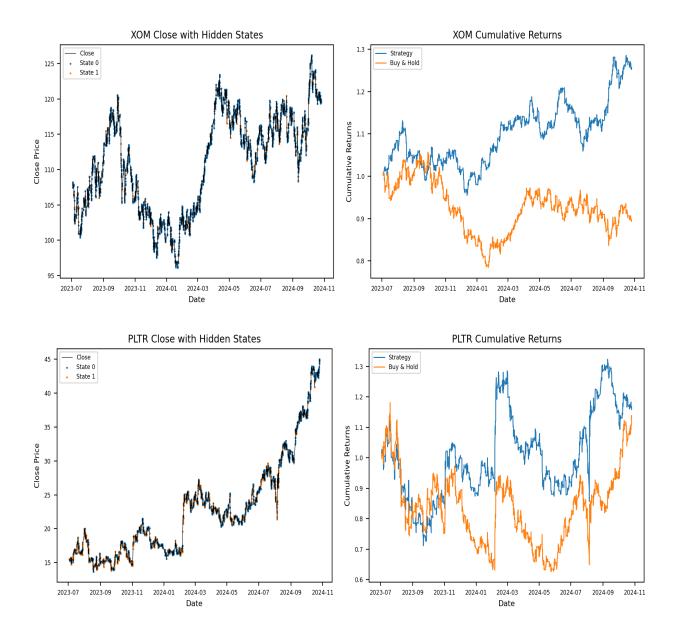




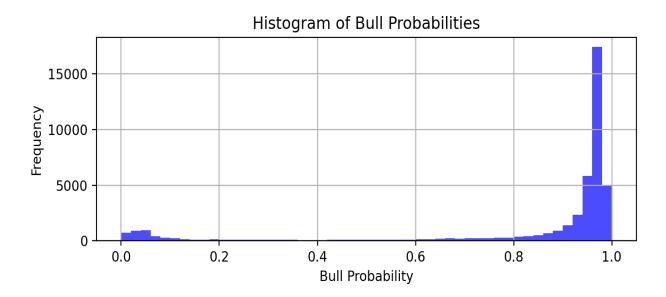




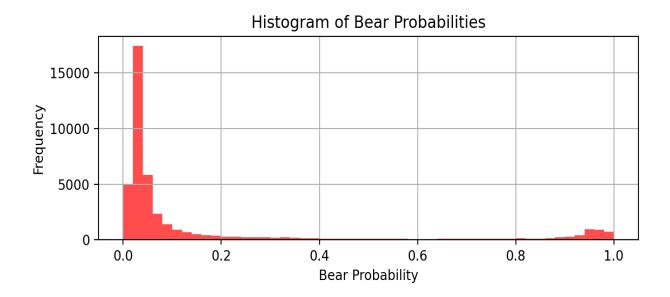




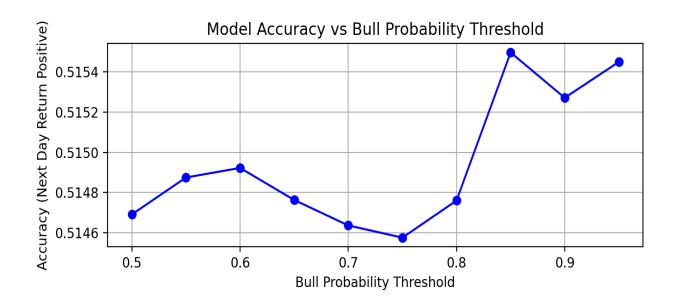
## **Histogram of Bull Probabilities**



## **Histogram of Bear Probabilities**



Model Accuracy vs Bull Probability Threshold



## **Model Accuracy vs Bear Probability Threshold**

