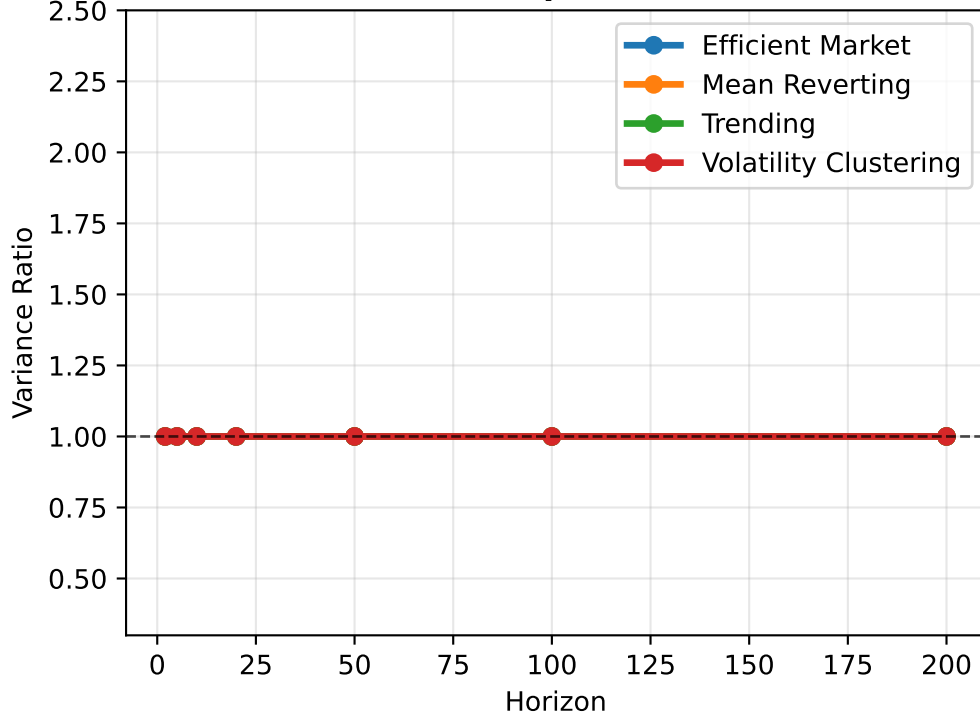
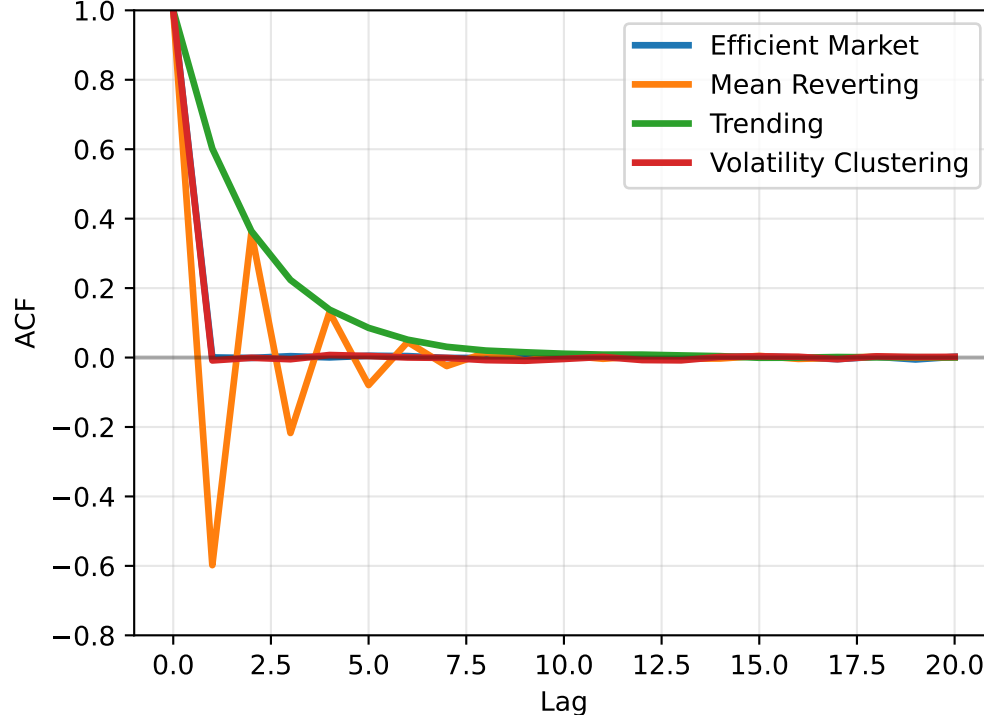


Microstructure Analysis Dashboard - 4x RTX 3070 + AVX2

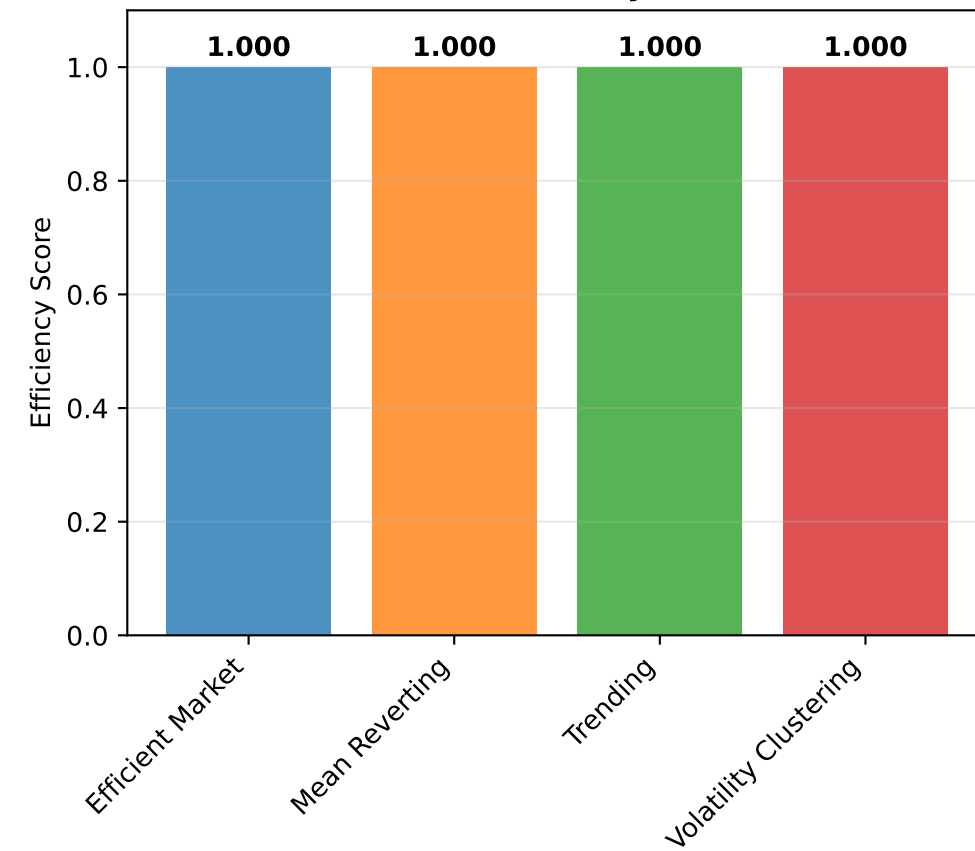
Variance Ratios (Computed on 4x RTX 3070)



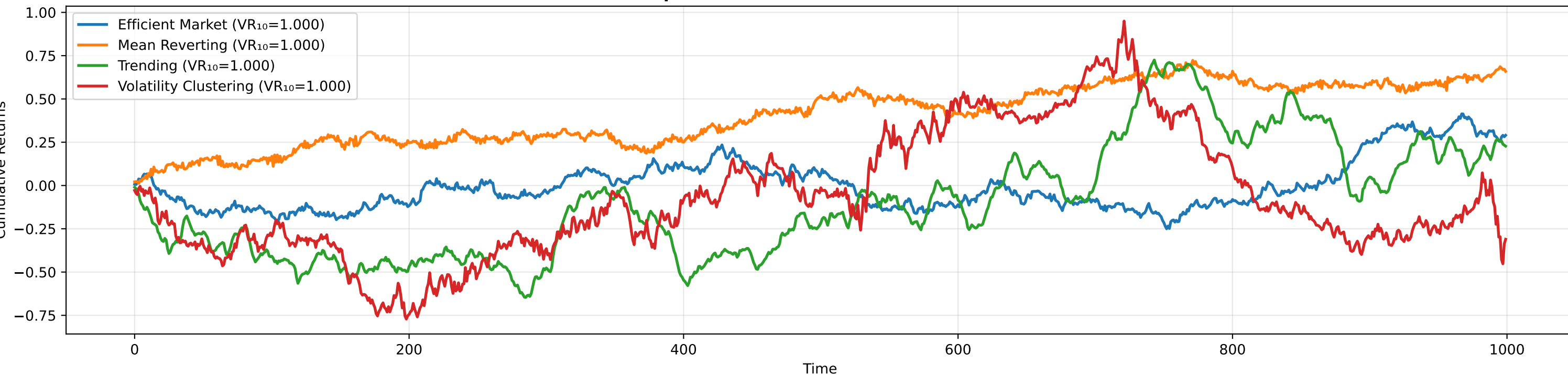
Autocorrelation Functions (AVX2 SIMD)



Market Efficiency Scores



Sample Market Paths (First 1000 Periods)



System Configuration:

- GPUs: 4x NVIDIA RTX 3070
- VRAM: 7.8 GB per GPU (31.2 GB total)
- Compute Capability: 8.6 (Ampere)
- SIMD: AVX2 (4 doubles/operation)
- CPU Threads: 8 (OpenMP)

Performance Achieved:

- VR Throughput: 4-48K points/ms
- ACF Throughput: 3-39K points/ms
- Total GPU Memory: 31.2 GB
- Parallel Streams: 4