

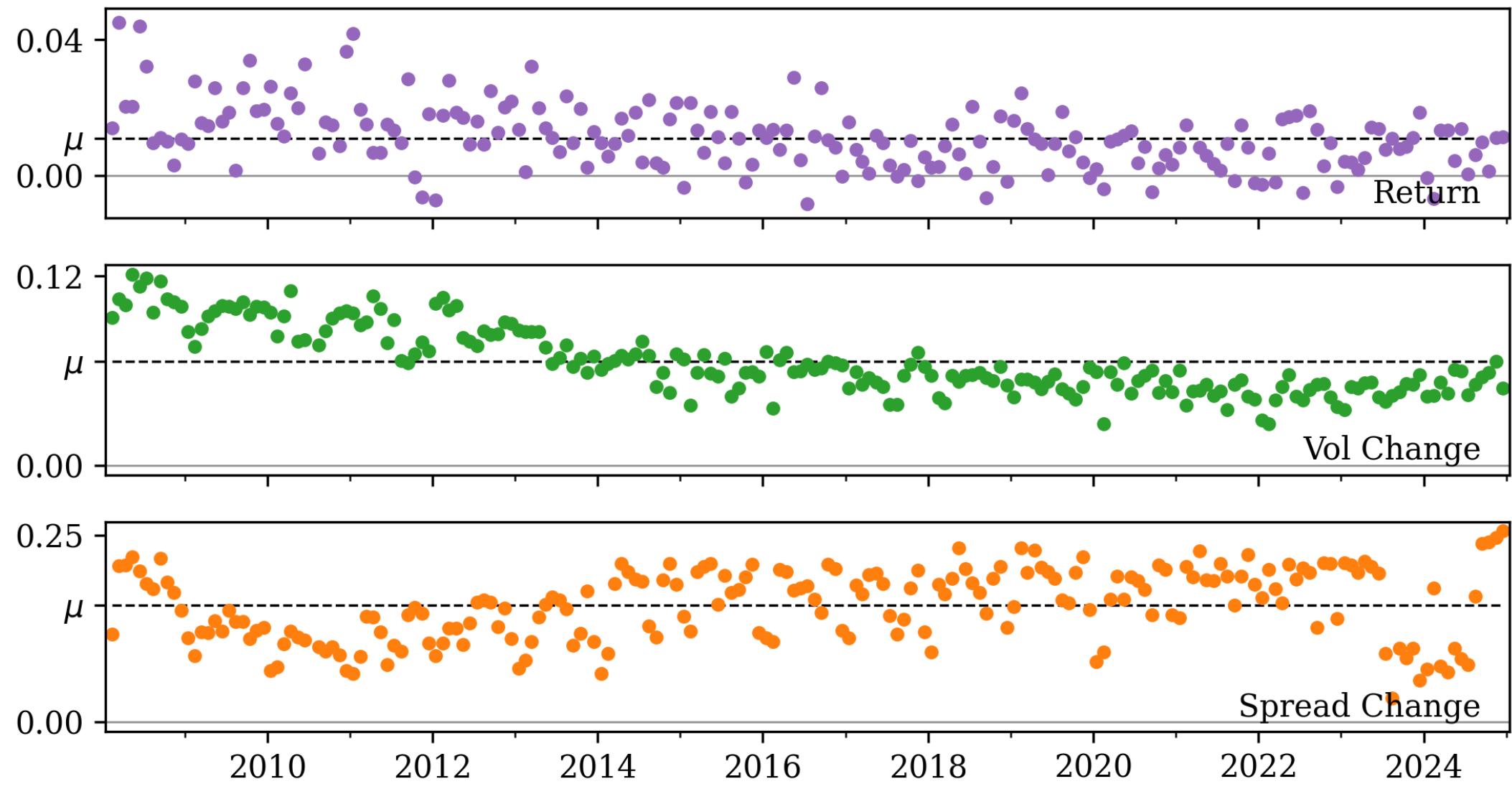
TL;DR: We introduce **Market-1T**, a best-in-class academic dataset for financial markets, and rigorously evaluate financial representation learning across predictive ability and latent organization.

Why Financial World Modeling?

- Financial markets play a vital role in allocating resources in an economy
- A financial world model can enable participants—firms and stakeholders—to better understand the consequences of their actions
- Financial markets data is typically very noisy, thereby providing a difficult testing ground

Market-1T

The literature on financial ML is fragmented between datasets which span different countries, markets, and time periods. In addition, many are private, constructed with survivorship bias, and/or lower frequency than ours (1 Hz.)



In partnership with *Massive*, we release a dataset covering top-of-the-book and trading data for all US equities from 2008-2025, leading to nearly 1 trillion aggregates.

For our evaluation, we randomly sample 32 months and evaluate on the following month.

