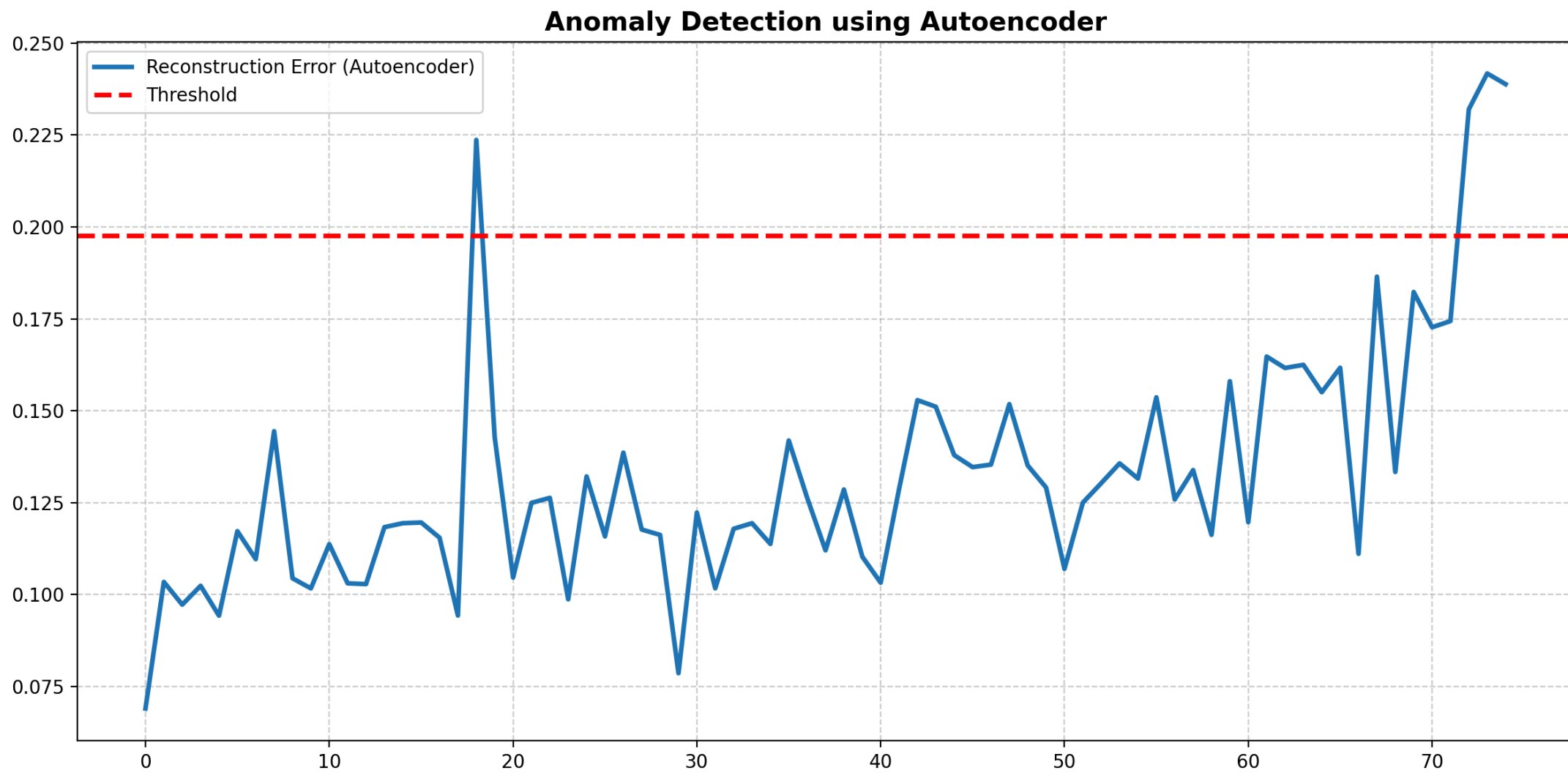
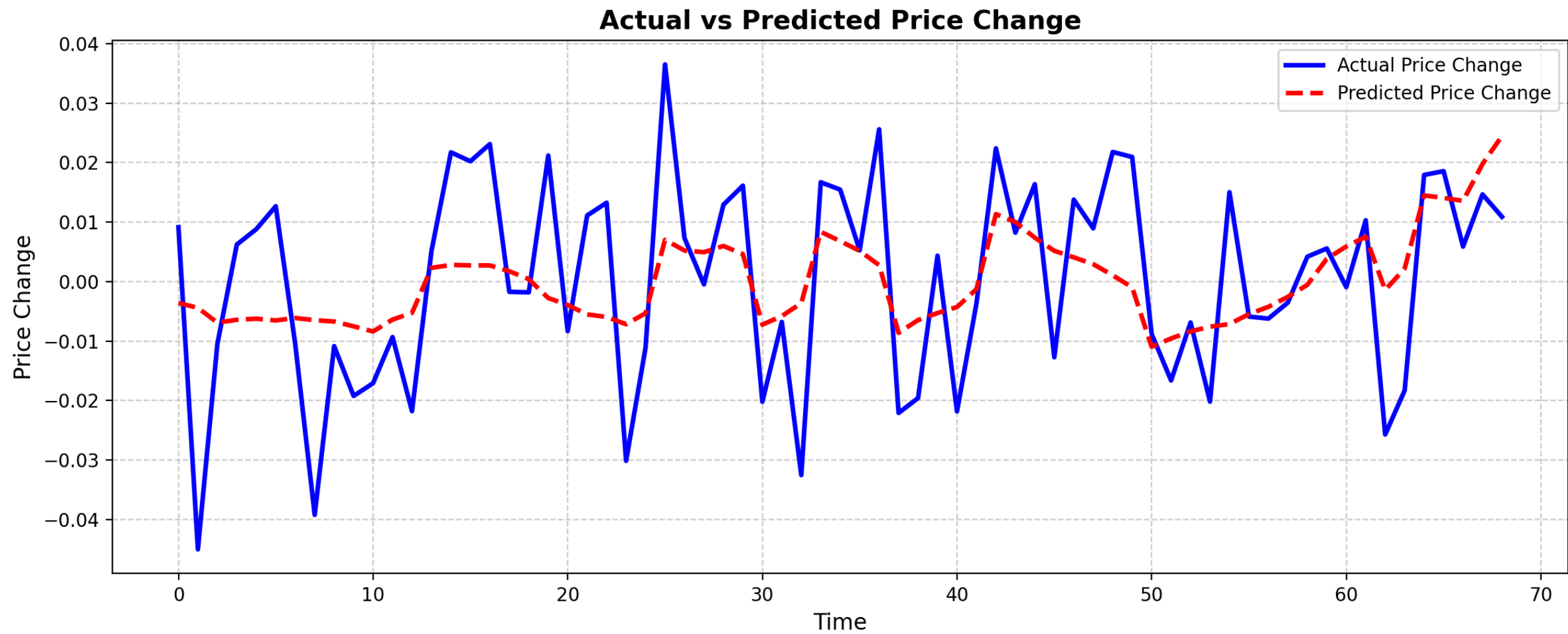


| Label | Shape |
|----------------|-----------|
| X Test | (75, 28) |
| X Test Latent | (75, 8) |
| X Train | (296, 28) |
| X Train Latent | (296, 8) |

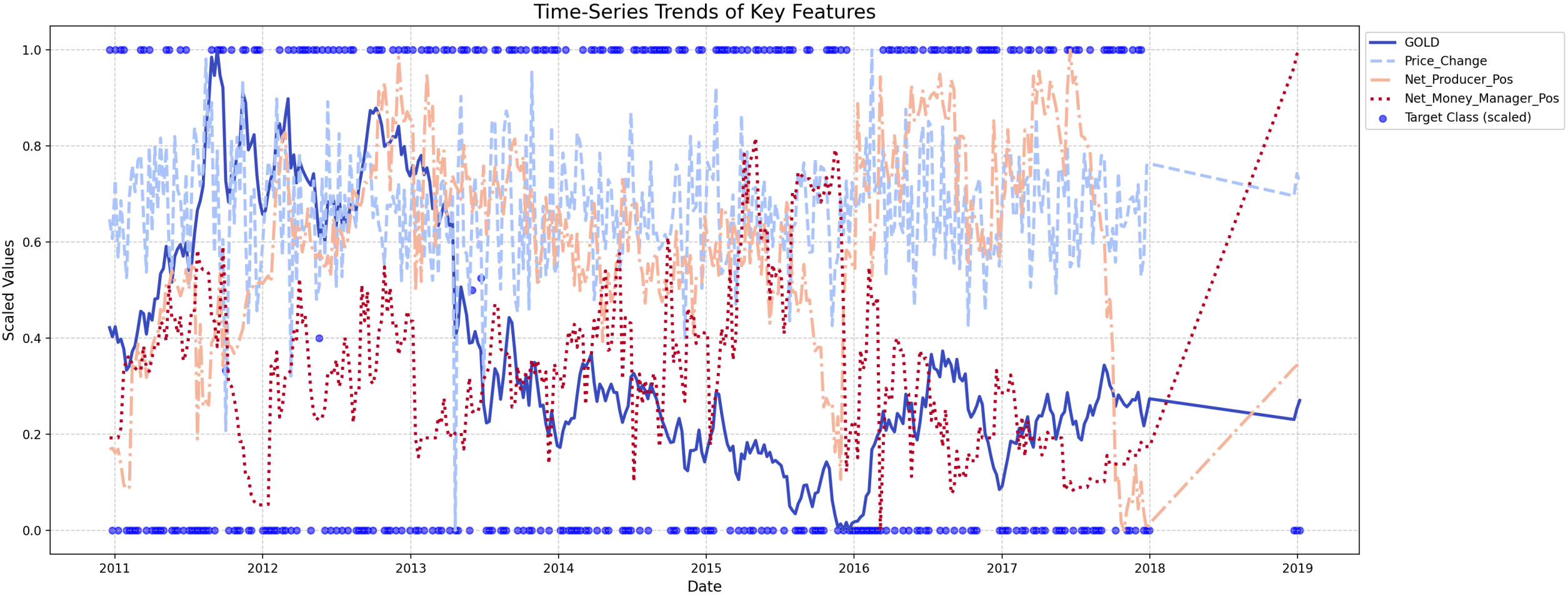


| Label | Value |
|----------------------|----------------------|
| R ² Score | 0.29261973682218456 |
| RMSE | 0.014381624340262342 |

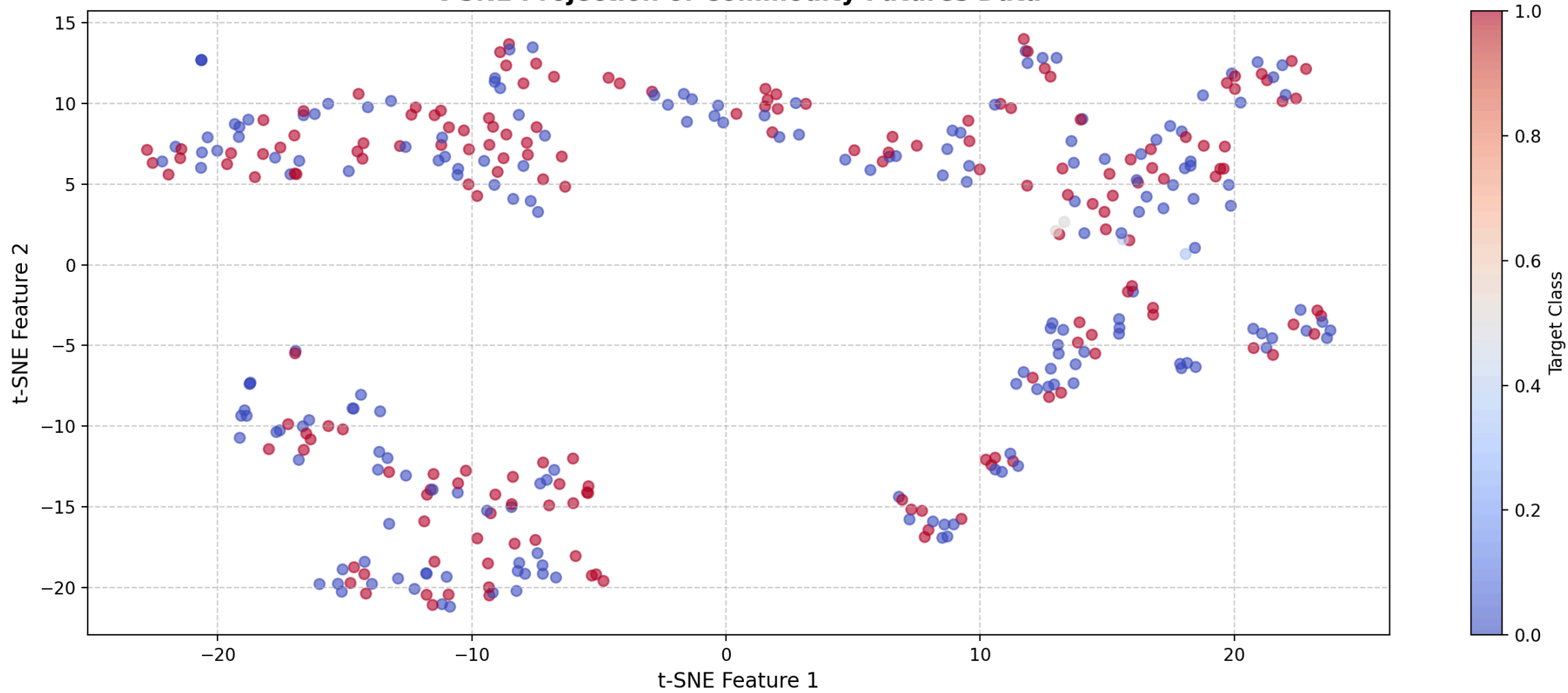
| label | shape |
|-------------|---------------|
| Test shape | (69, 30, 25) |
| Train shape | (272, 30, 25) |
| X shape | (341, 30, 26) |
| Y shape | (341,) |



| label | shape |
|------------------|---------------|
| Test shape | (55, 10, 24) |
| Train shape | (252, 10, 24) |
| Validation shape | (54, 10, 24) |
| X shape | (361, 10, 24) |
| Y shape | (361,) |

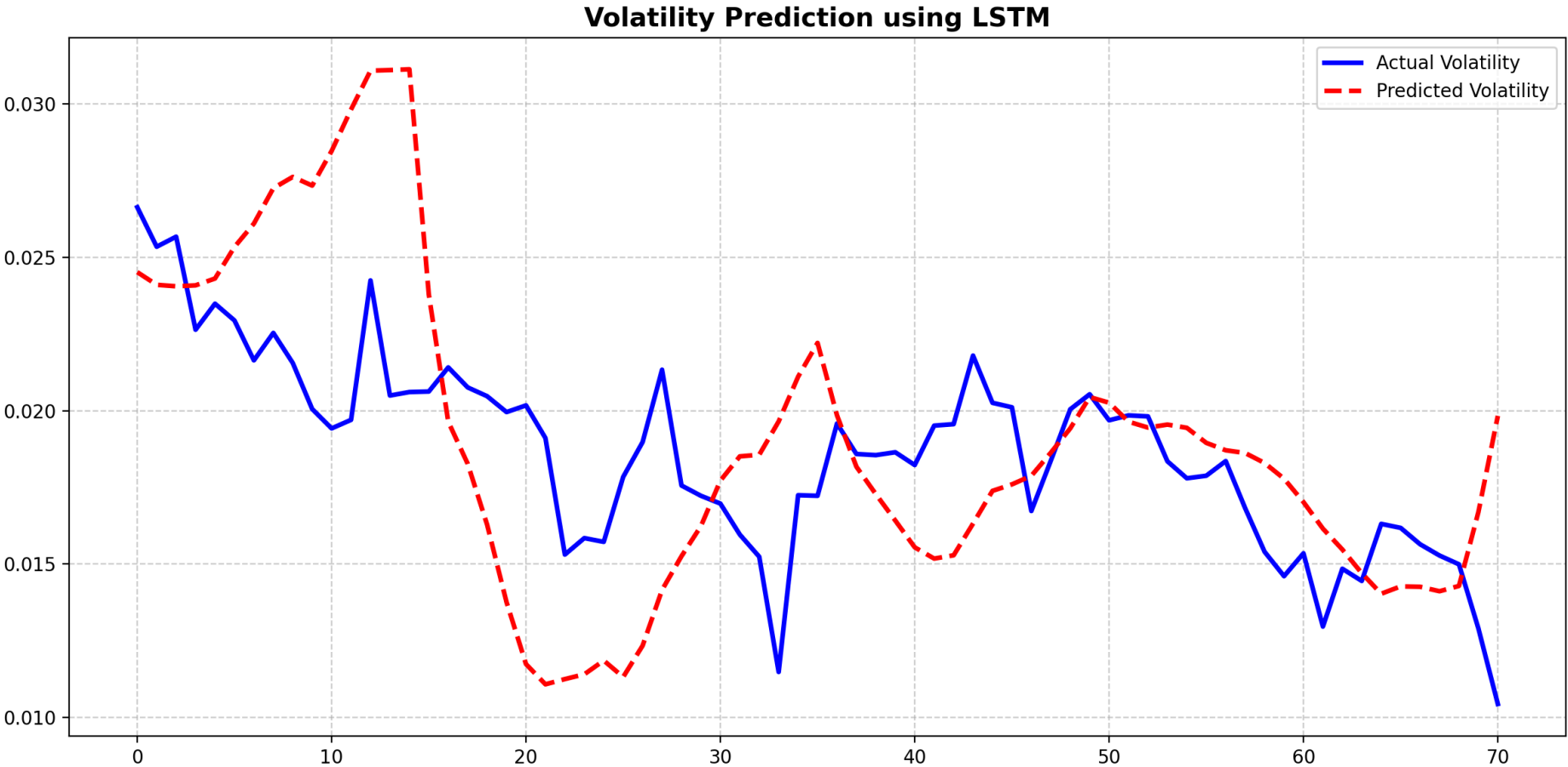


t-SNE Projection of Commodity Futures Data



| index | 0 | 1 | accuracy | macro avg | weighted avg |
|-----------|--------------------|-----|--------------------|--------------------|--------------------|
| f1-score | 0.9784172661870504 | 0.0 | 0.9577464788732394 | 0.4892086330935252 | 0.9370756915594285 |
| precision | 0.9577464788732394 | 0.0 | 0.9577464788732394 | 0.4788732394366197 | 0.9172783177940883 |
| recall | 1.0 | 0.0 | 0.9577464788732394 | 0.5 | 0.9577464788732394 |
| support | 68.0 | 3.0 | 0.9577464788732394 | 71.0 | 71.0 |

| Type |
|----------------|
| bool |
| datetime64[ns] |
| float64 |
| int32 |
| int64 |



| Label | Shape |
|------------|---------------|
| X | (362, 21) |
| X Sequence | (362, 21) |
| X Test | (71, 10, 21) |
| X Train | (281, 10, 21) |
| Y | (362, 21) |
| Y Sequence | (362, 21) |
| Y Test | (71,) |
| Y Train | (281,) |

Reconstruction Error Distribution - Anomalous Traders

