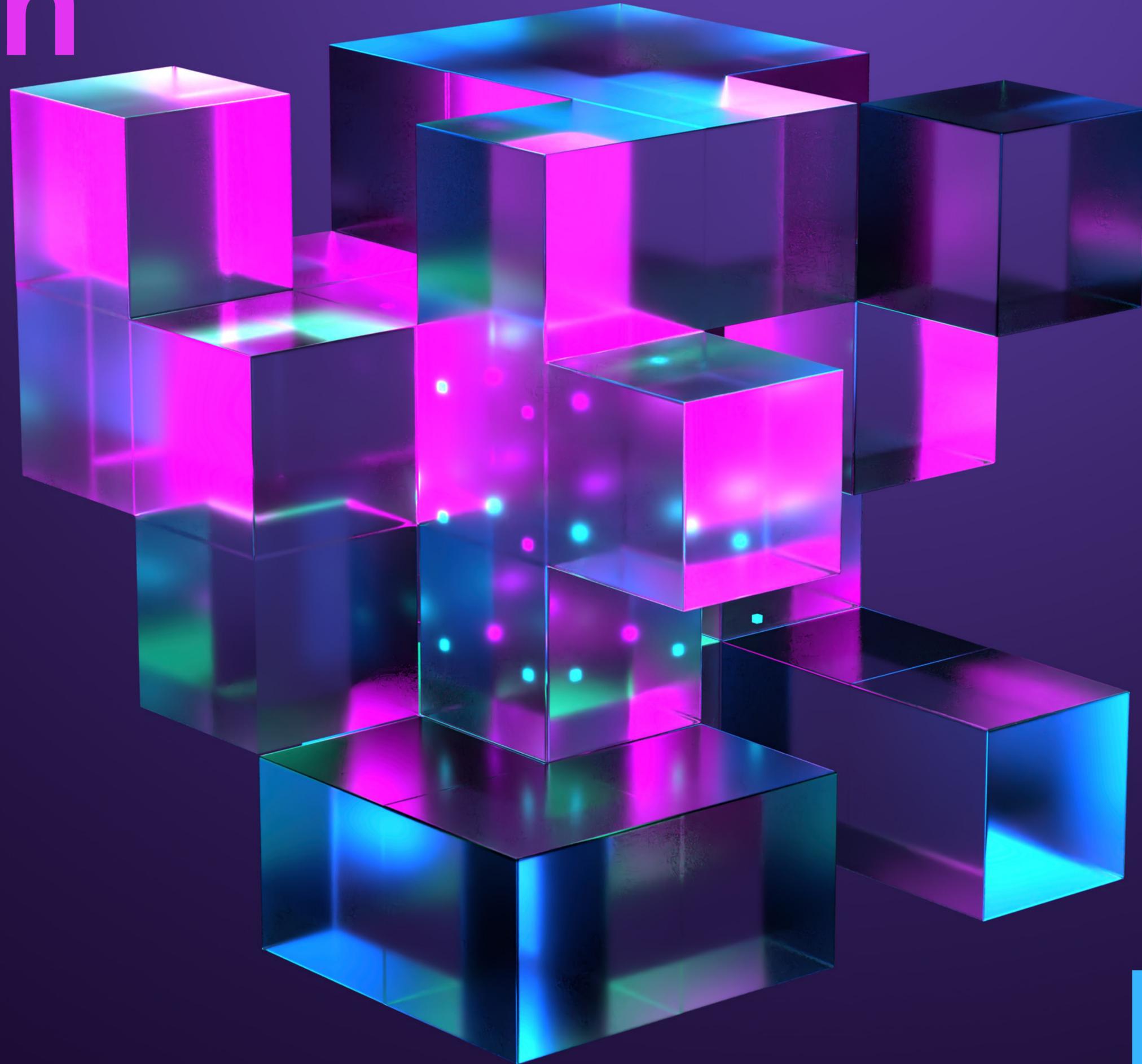


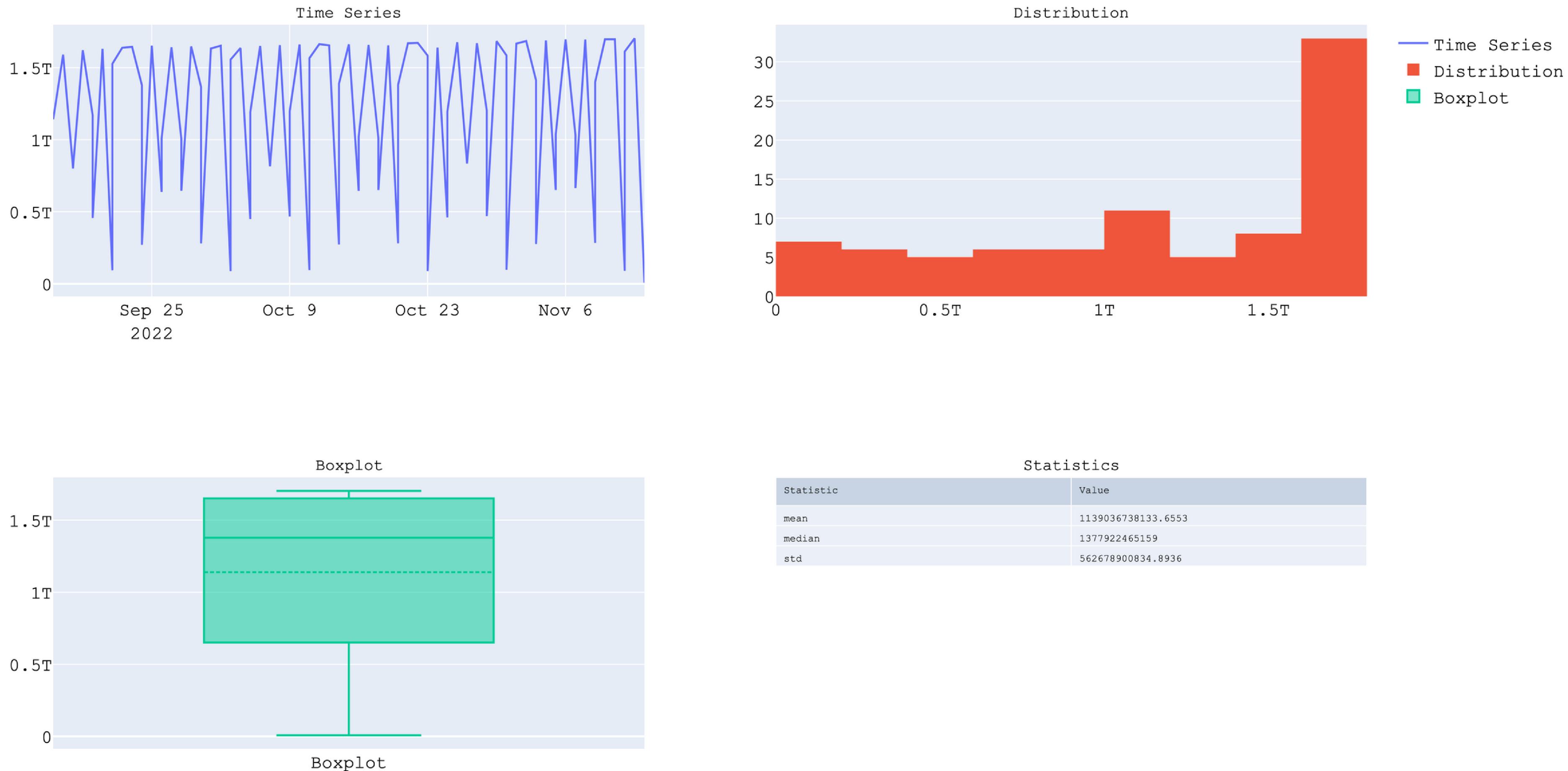
Beacon



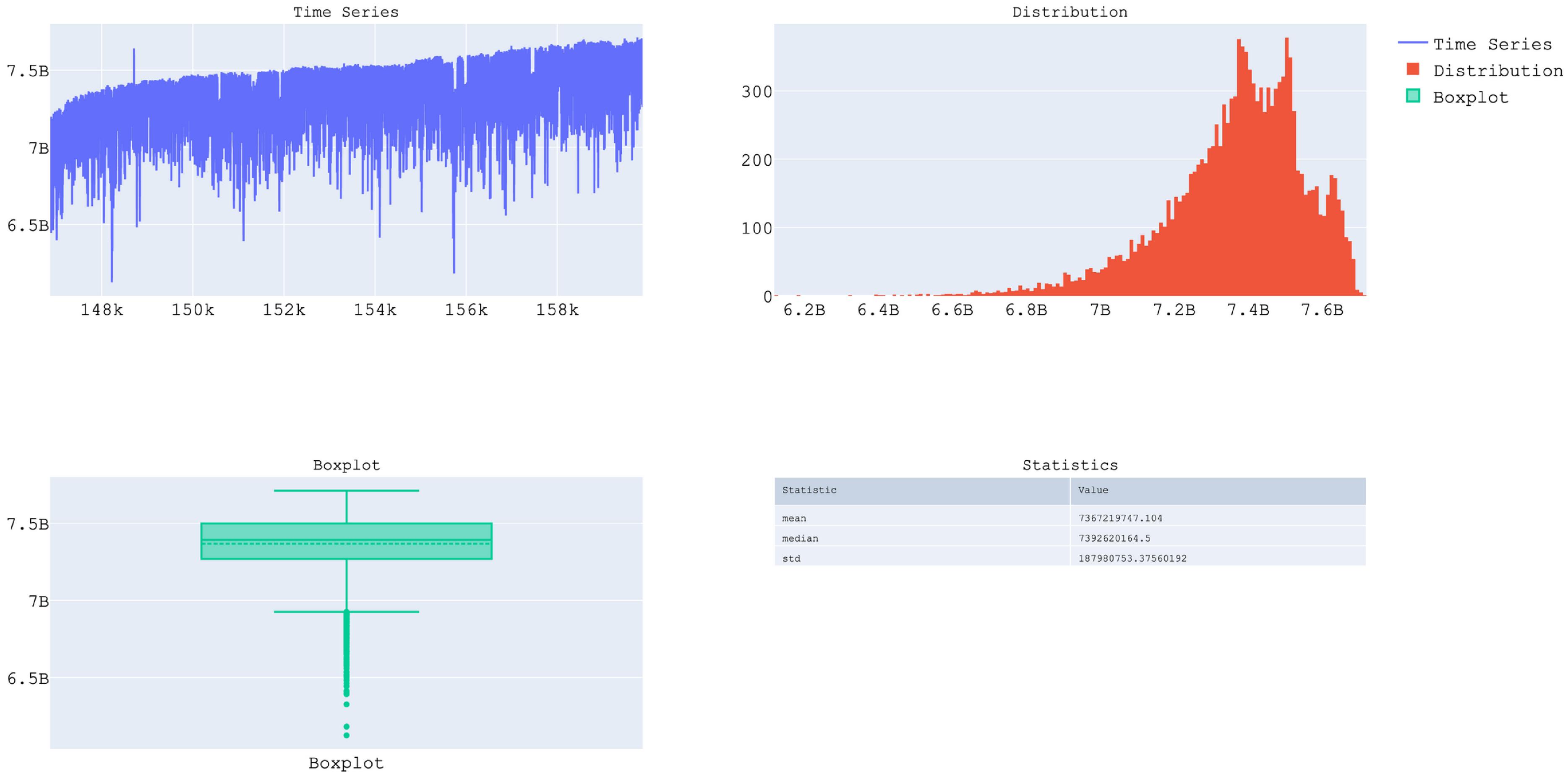
Reward

Part I Beacon Reward Basics

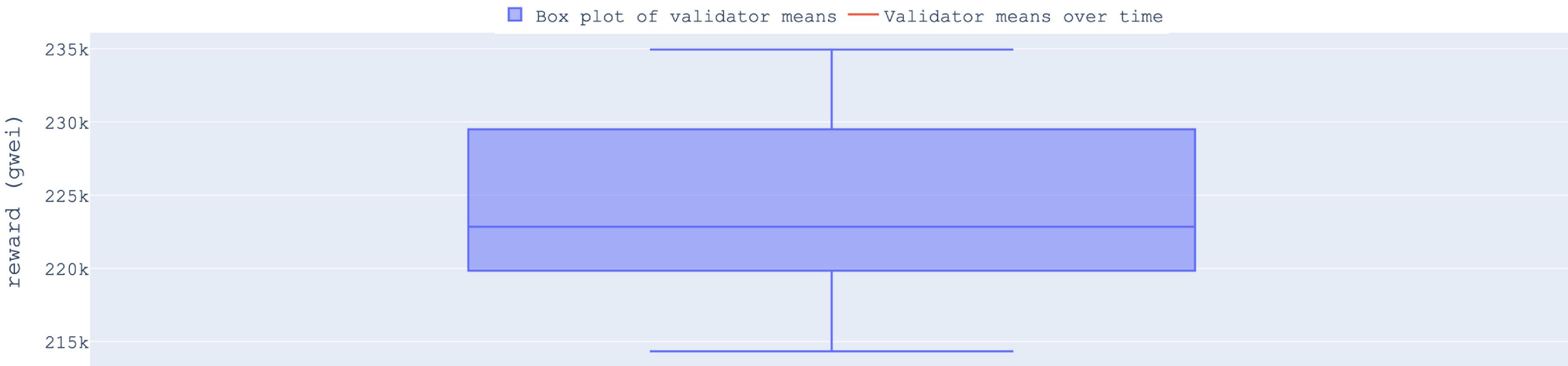
Subplots for Daily Total Reward (Gwei)



Subplots for Final Total Reward by Epoch (Gwei)



Daily Validator Count

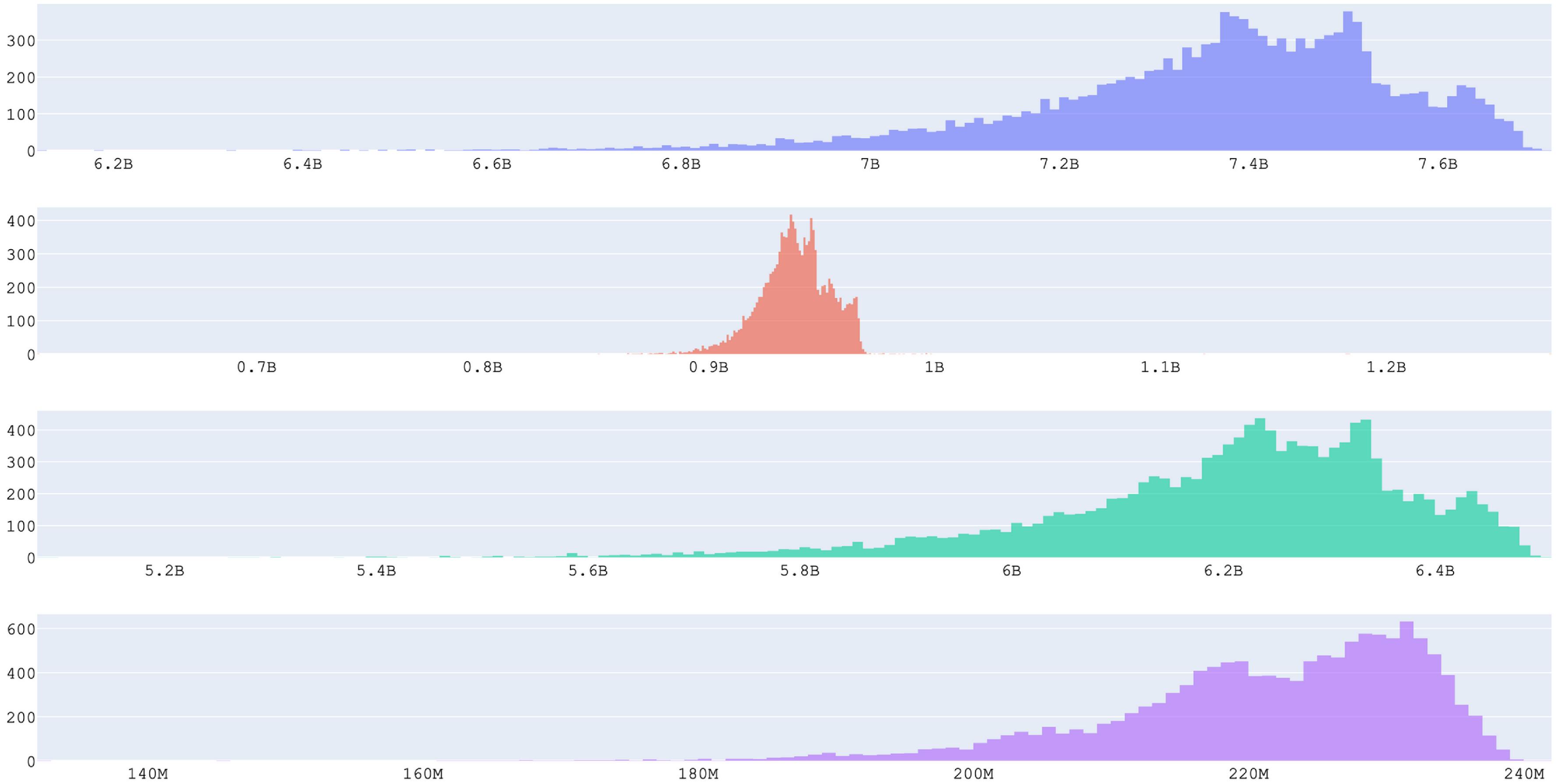


Daily Mean Validator Reward



Part II Reward Taxonomy

Distribution of Rewards by Epoch (Gwei) ■ final_total_reward ■ proposer_total_reward ■ attestation_total_reward ■ sync_total_reward

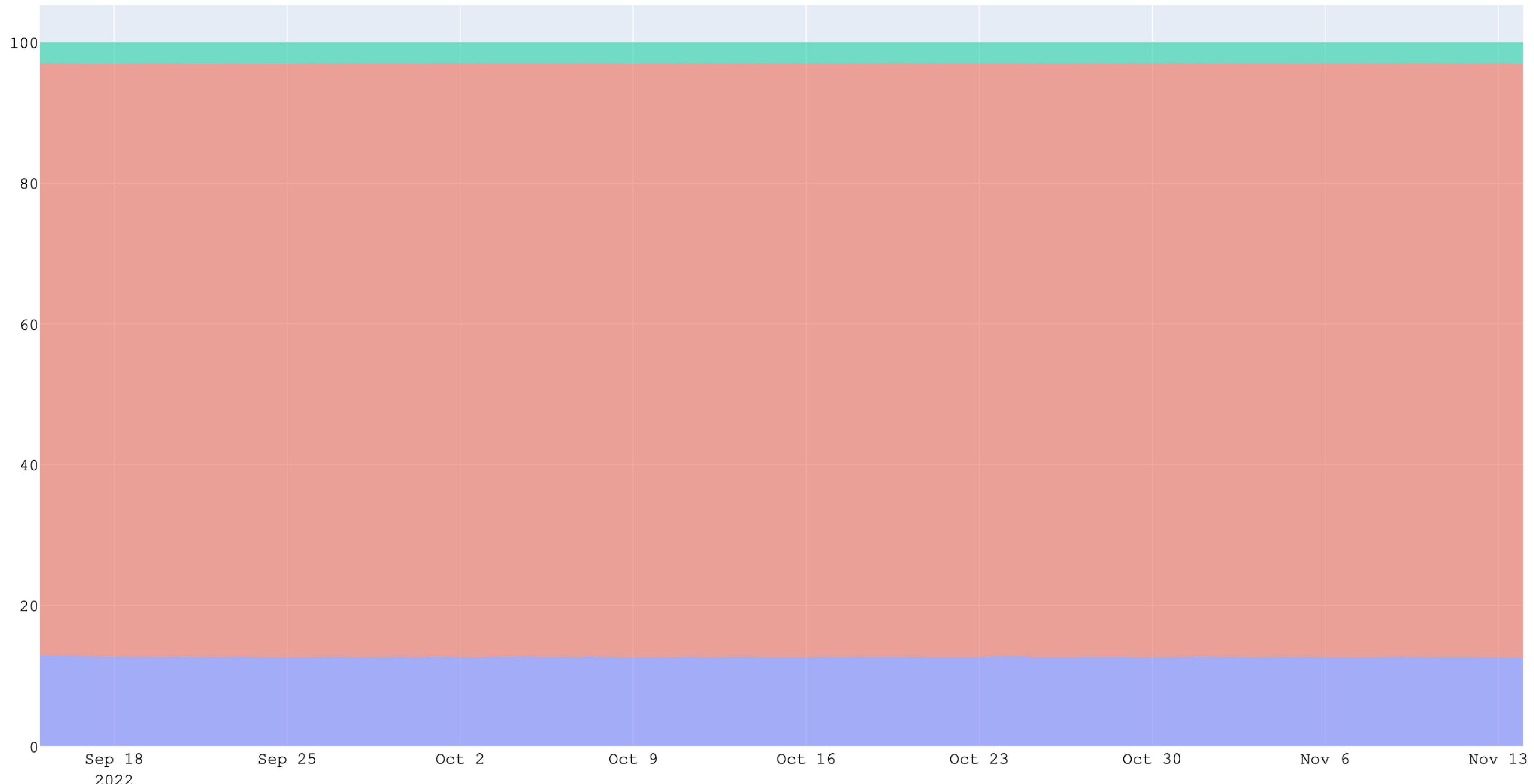


Distribution of Daily Rewards (Gwei) ■ final_total_reward ■ proposer_total_reward ■ attestation_total_reward ■ sync_total_reward



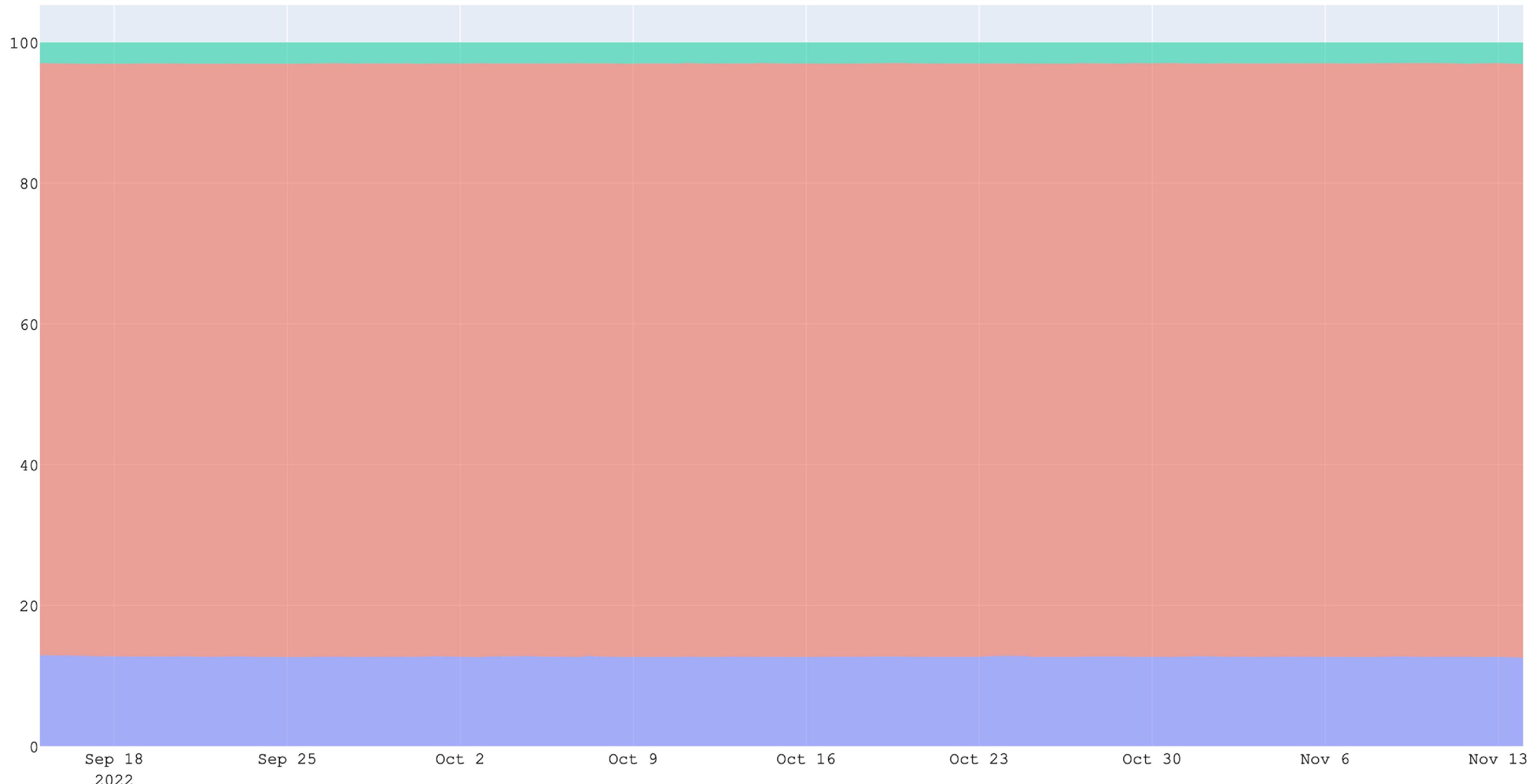
Decomposition of total daily reward (Gwei) in percentage

sync_total_reward attestation_total_reward proposer_total_reward

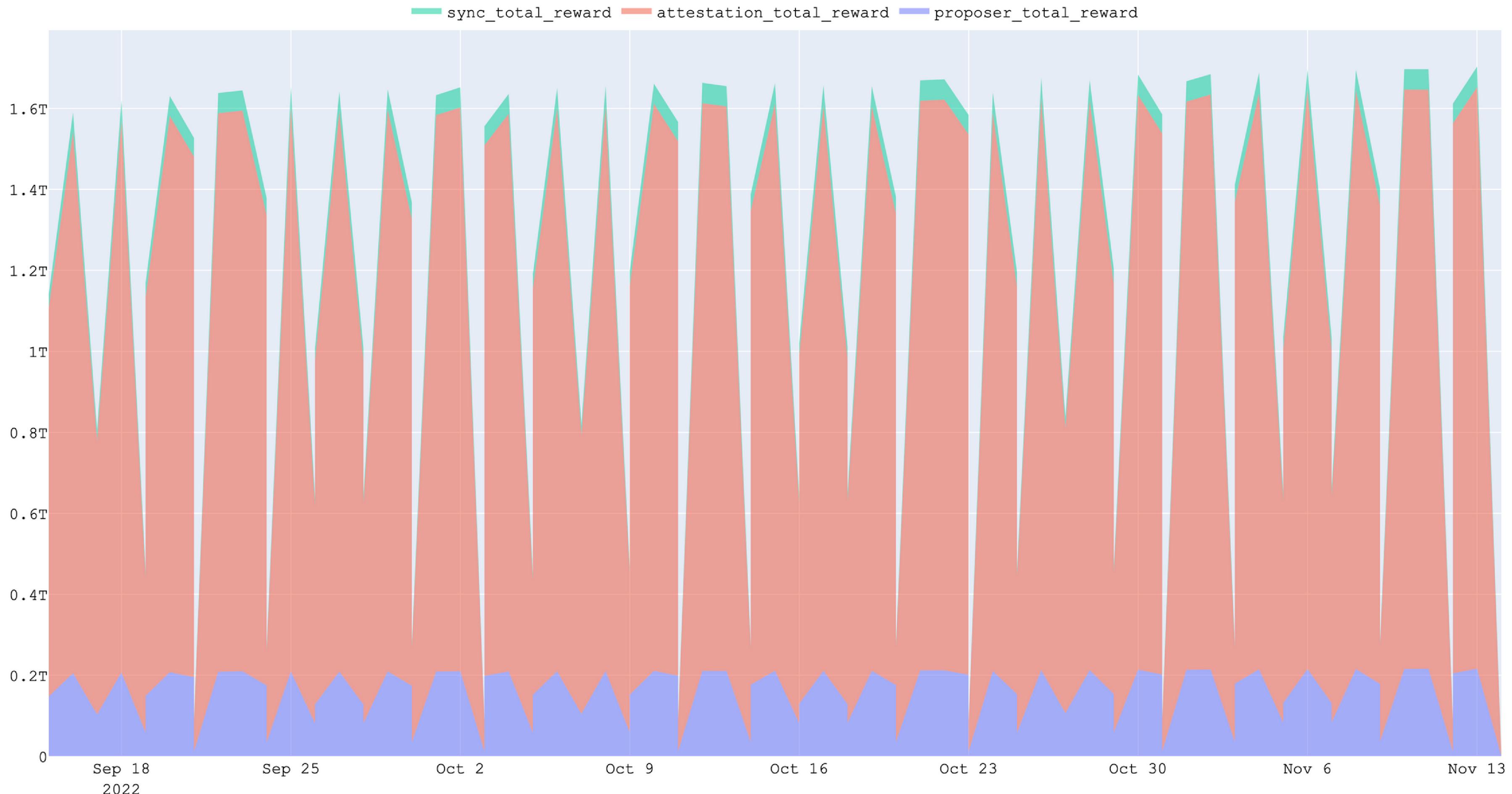


Decomposition of total daily reward (Gwei) in percentage

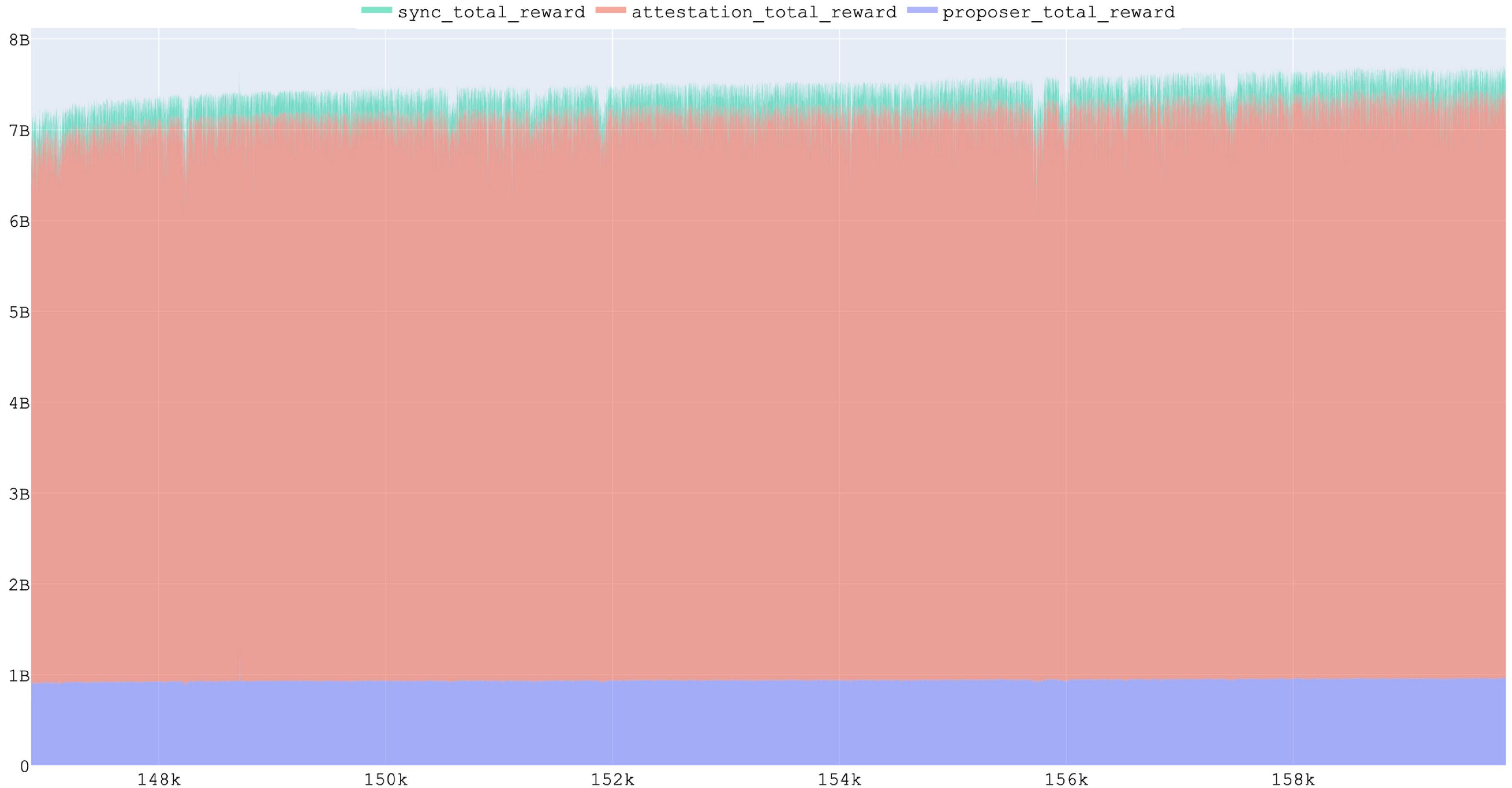
sync_total_reward attestation_total_reward proposer_total_reward



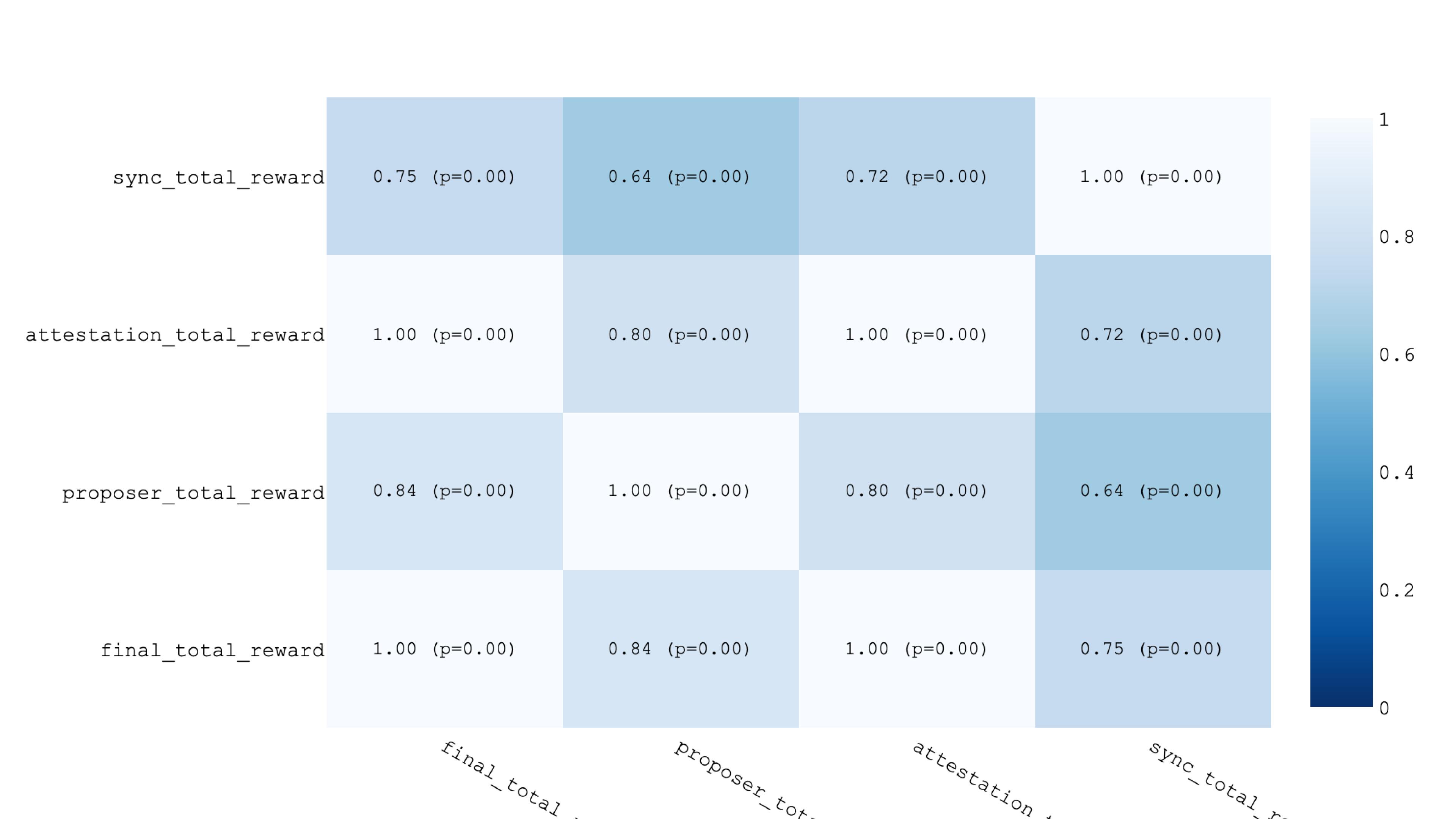
Decomposition of total daily reward (Gwei)



Decomposition total reward by epoch

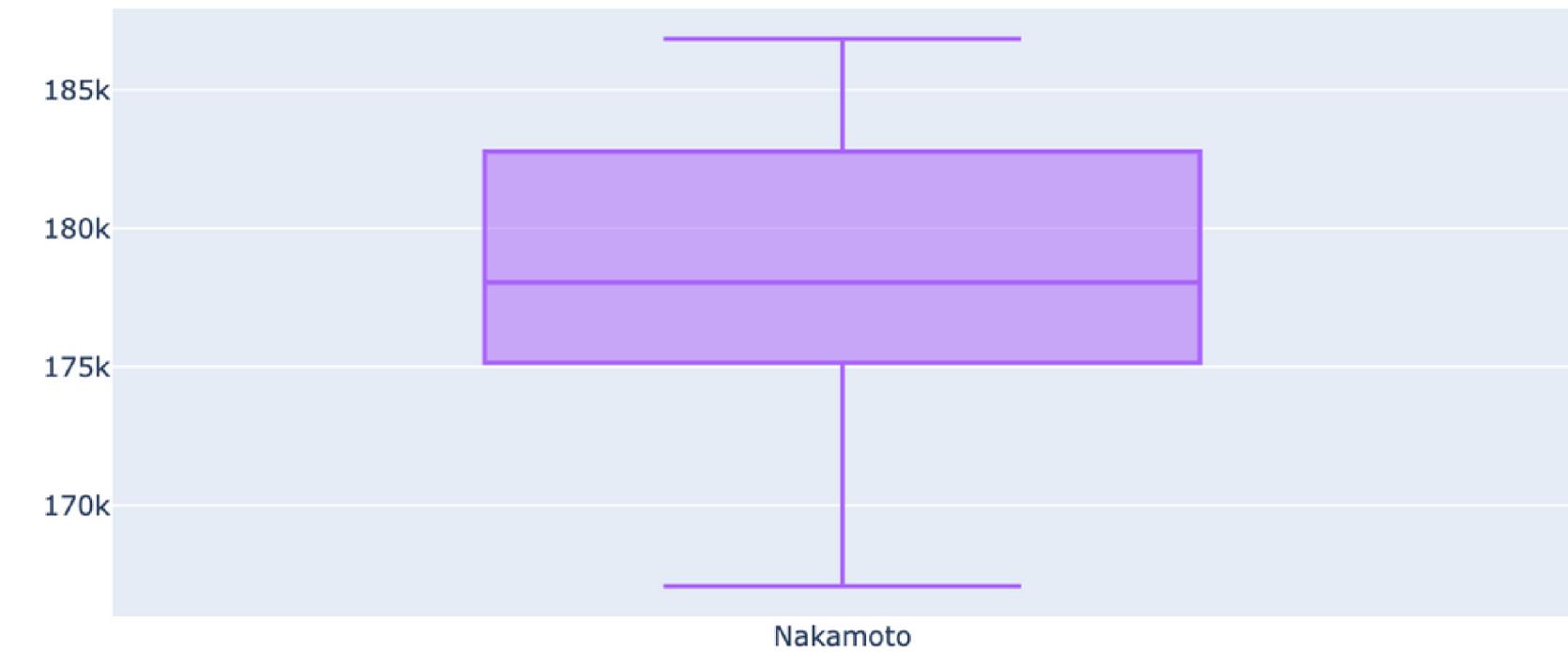
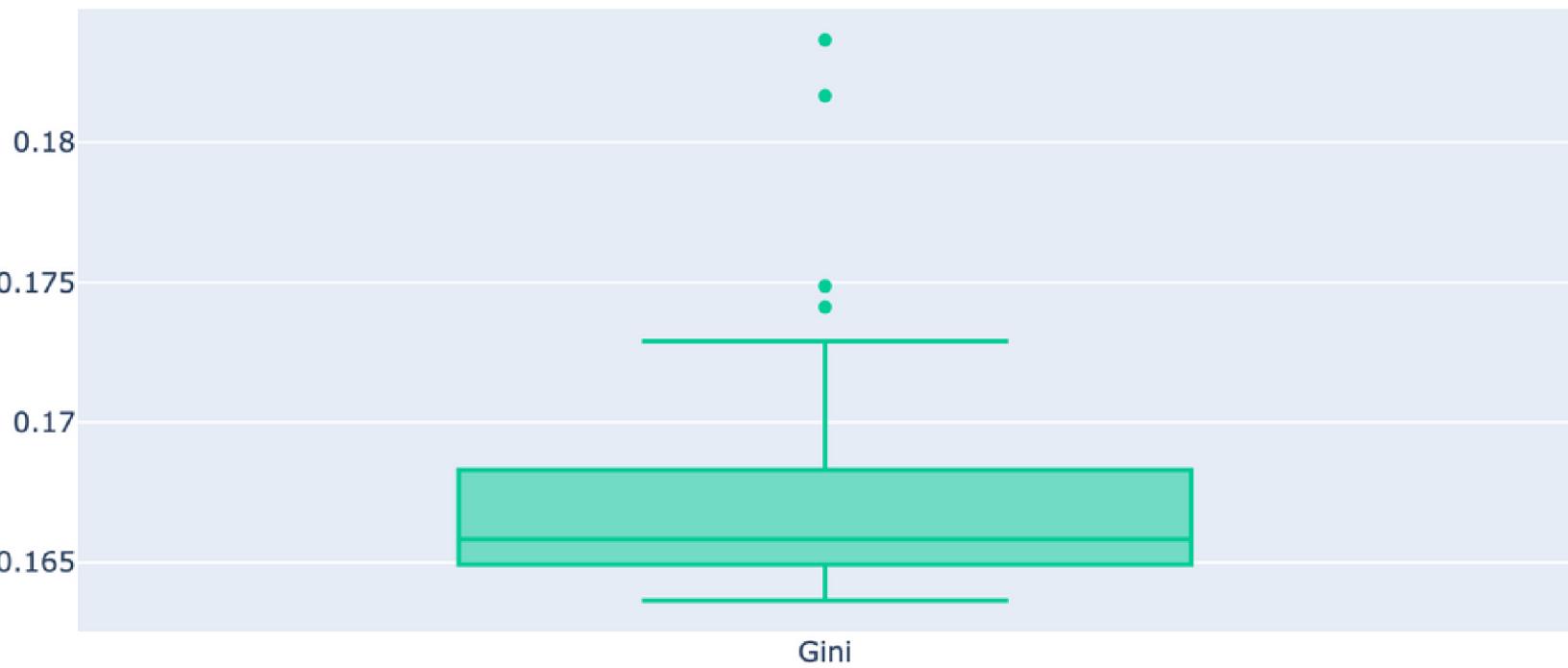
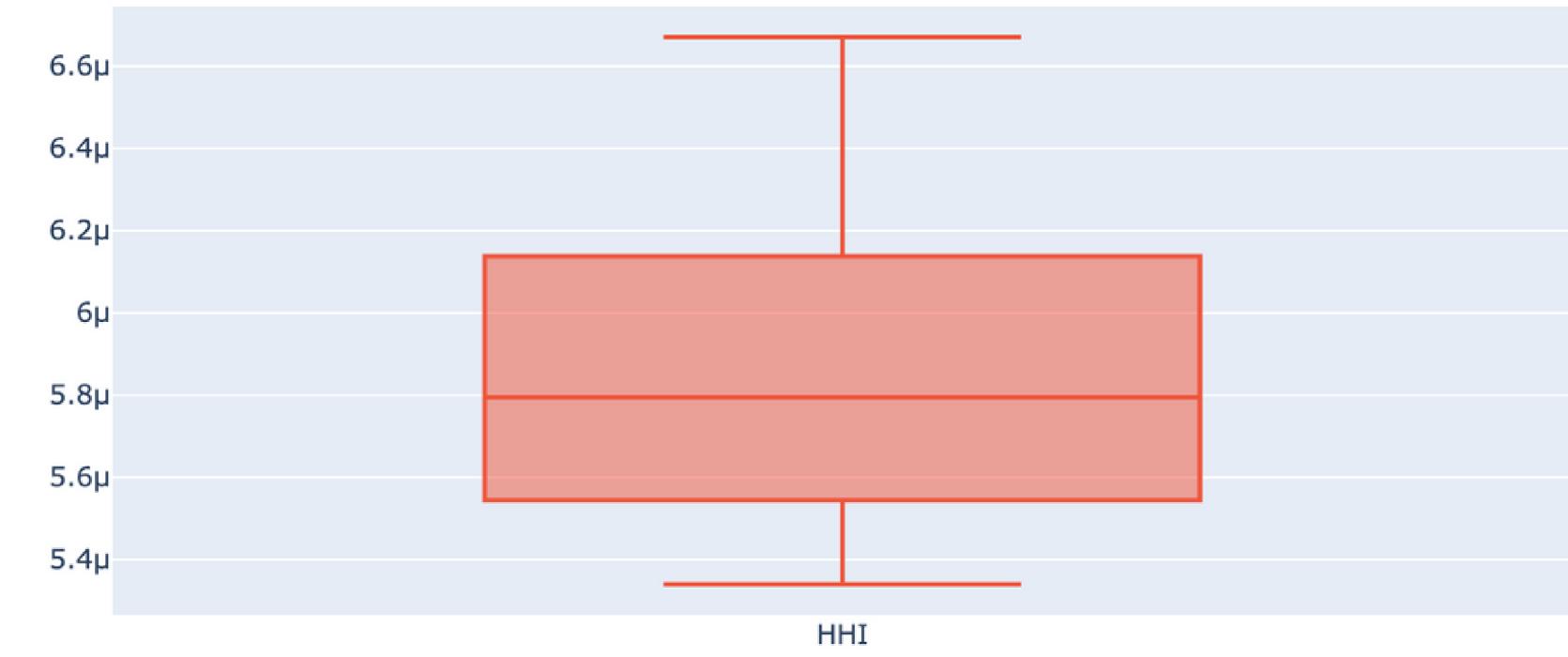
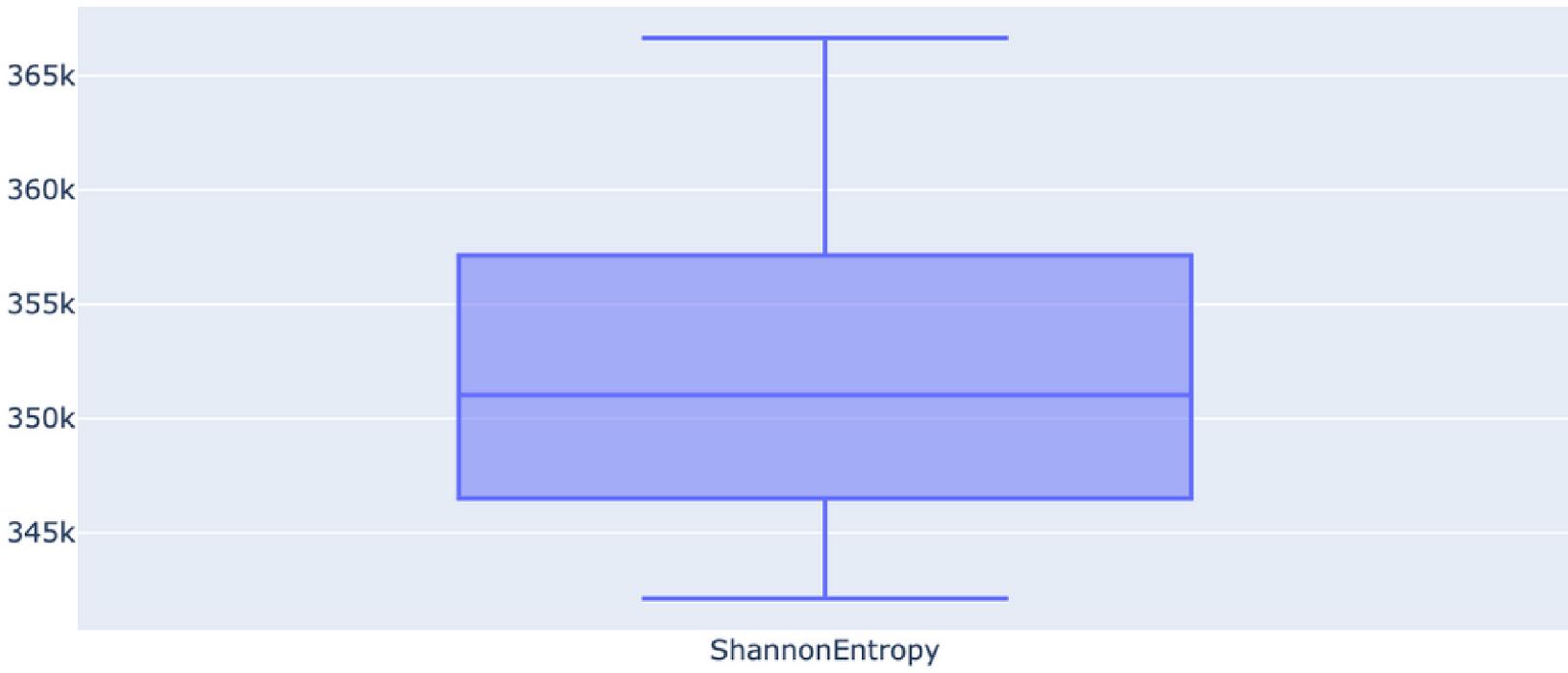




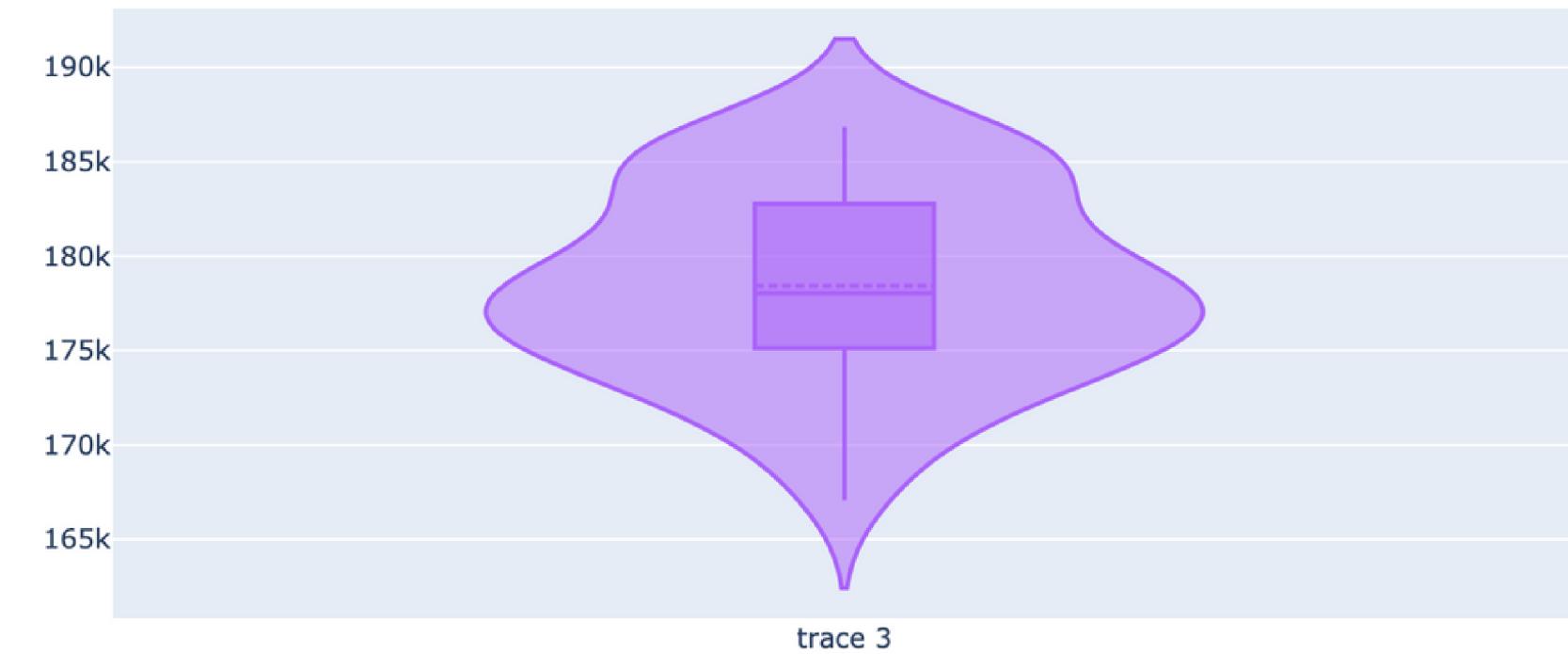
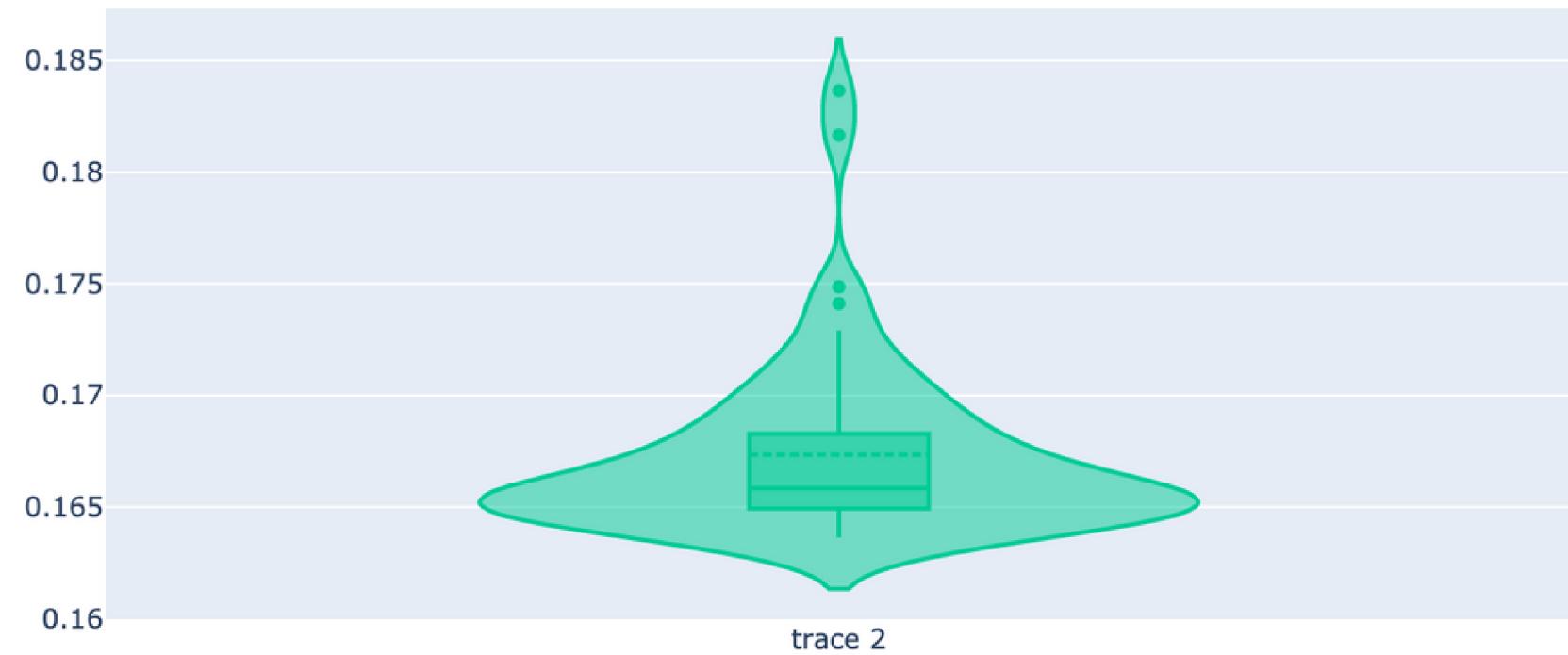
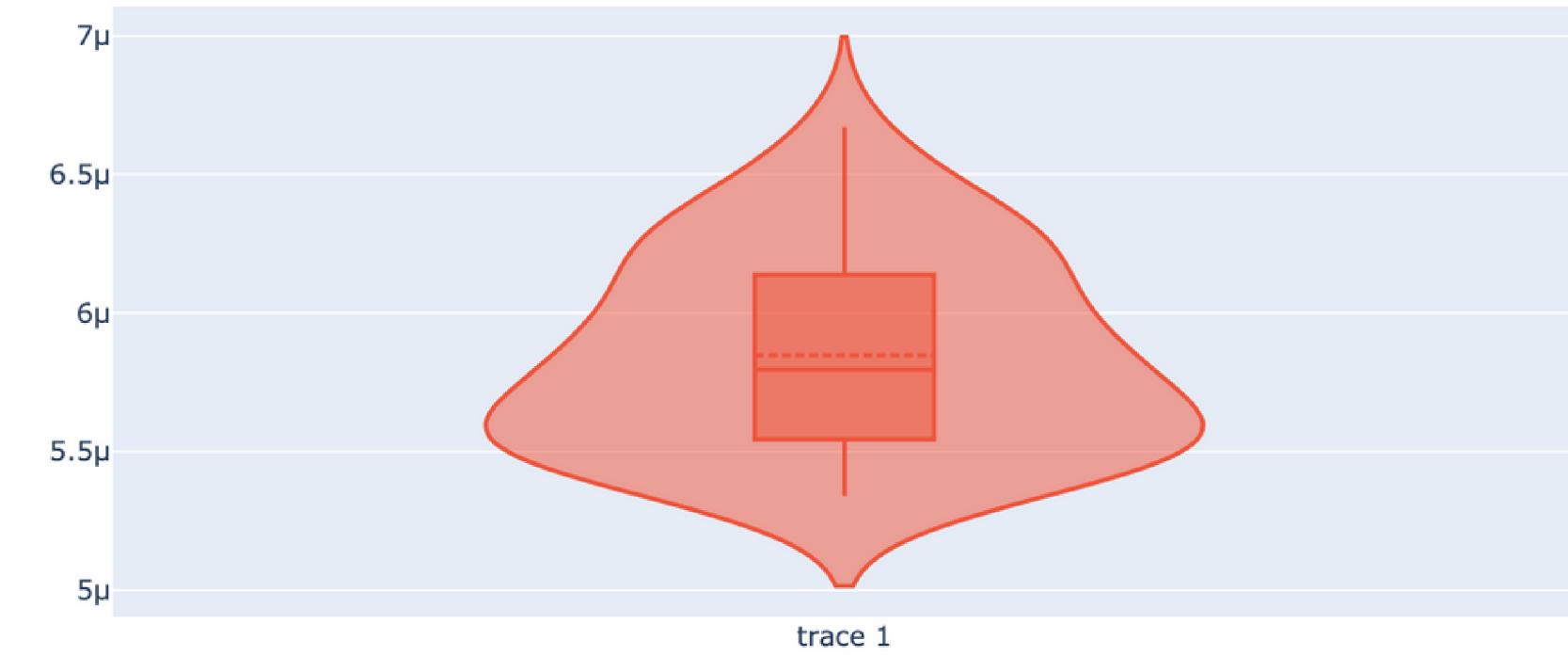
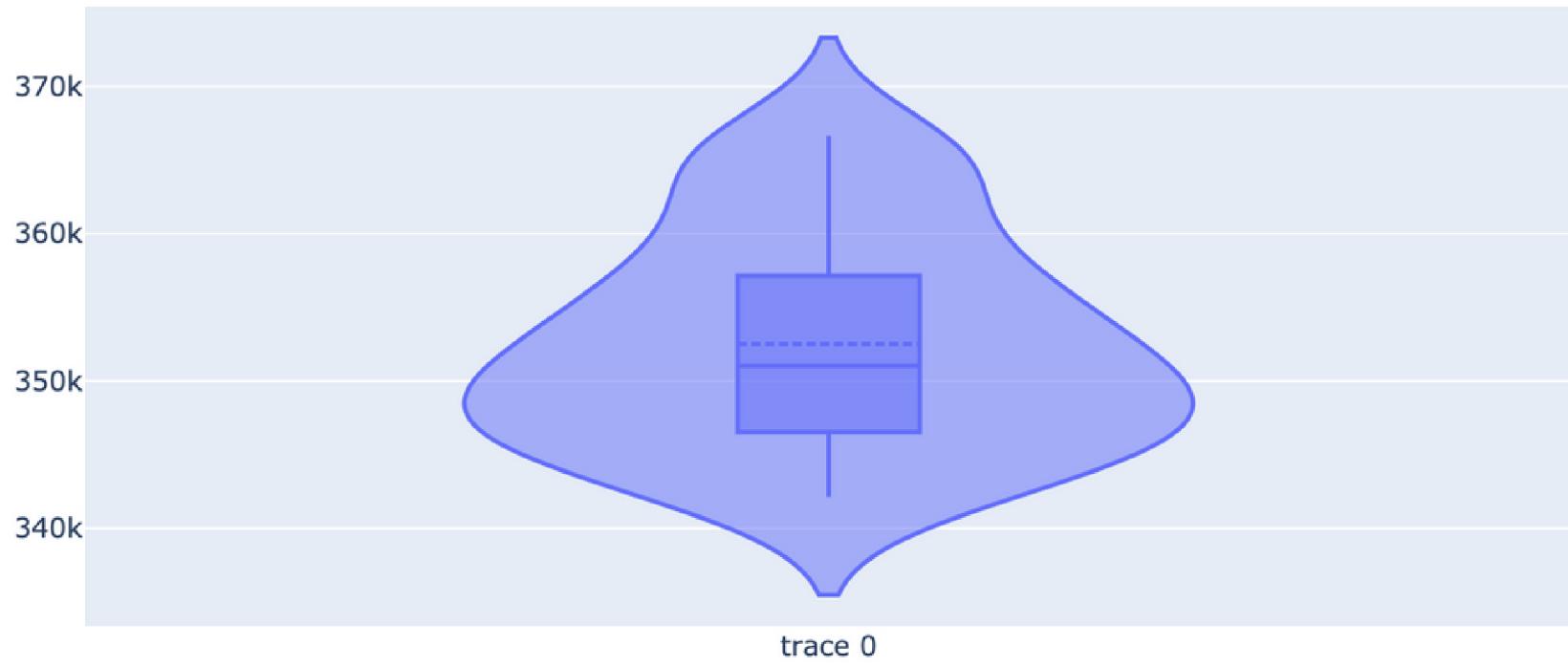


Part III: Decentralization Index

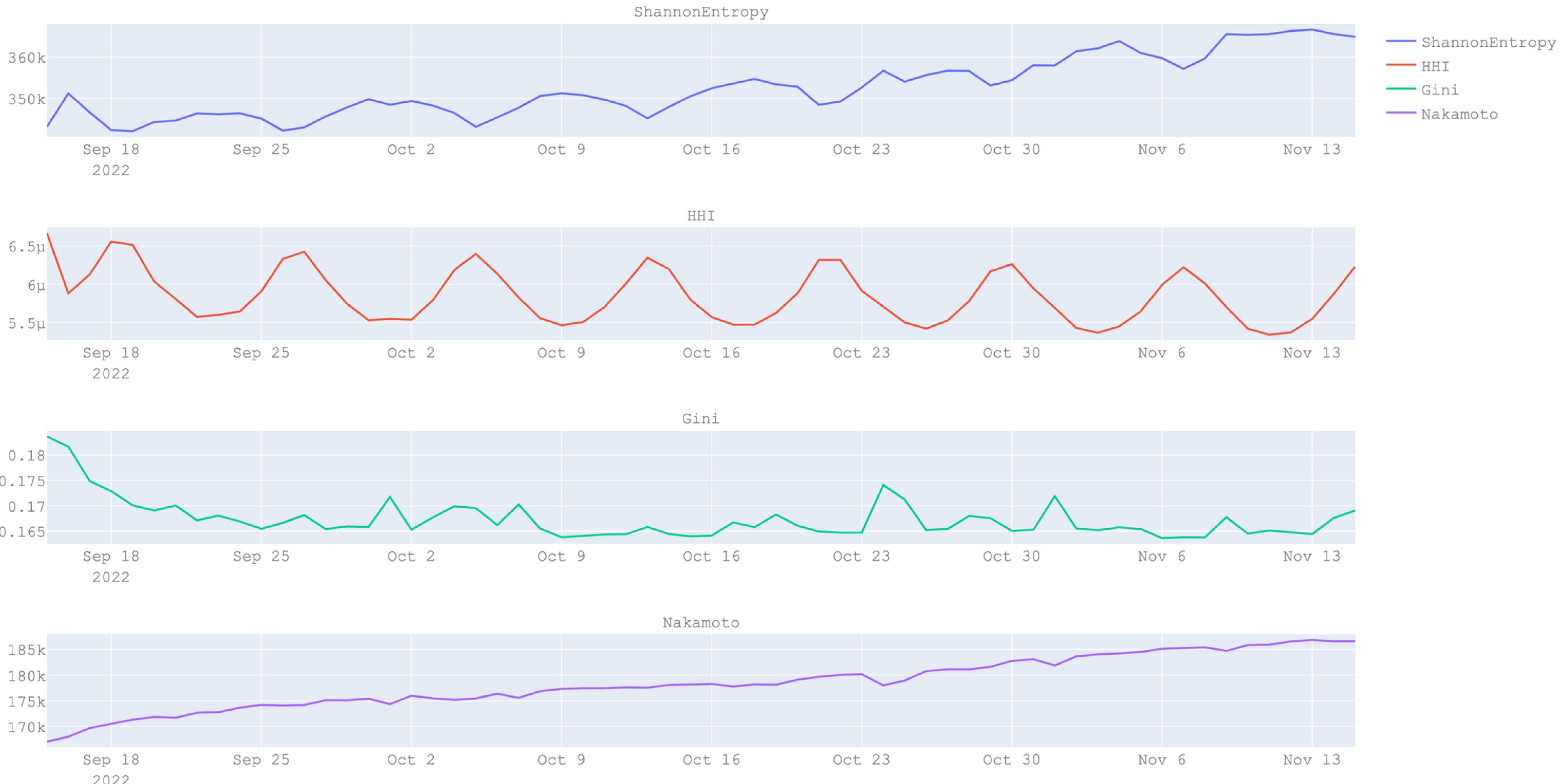
Boxplots of Metrics



Distribution of Metrics with Violin



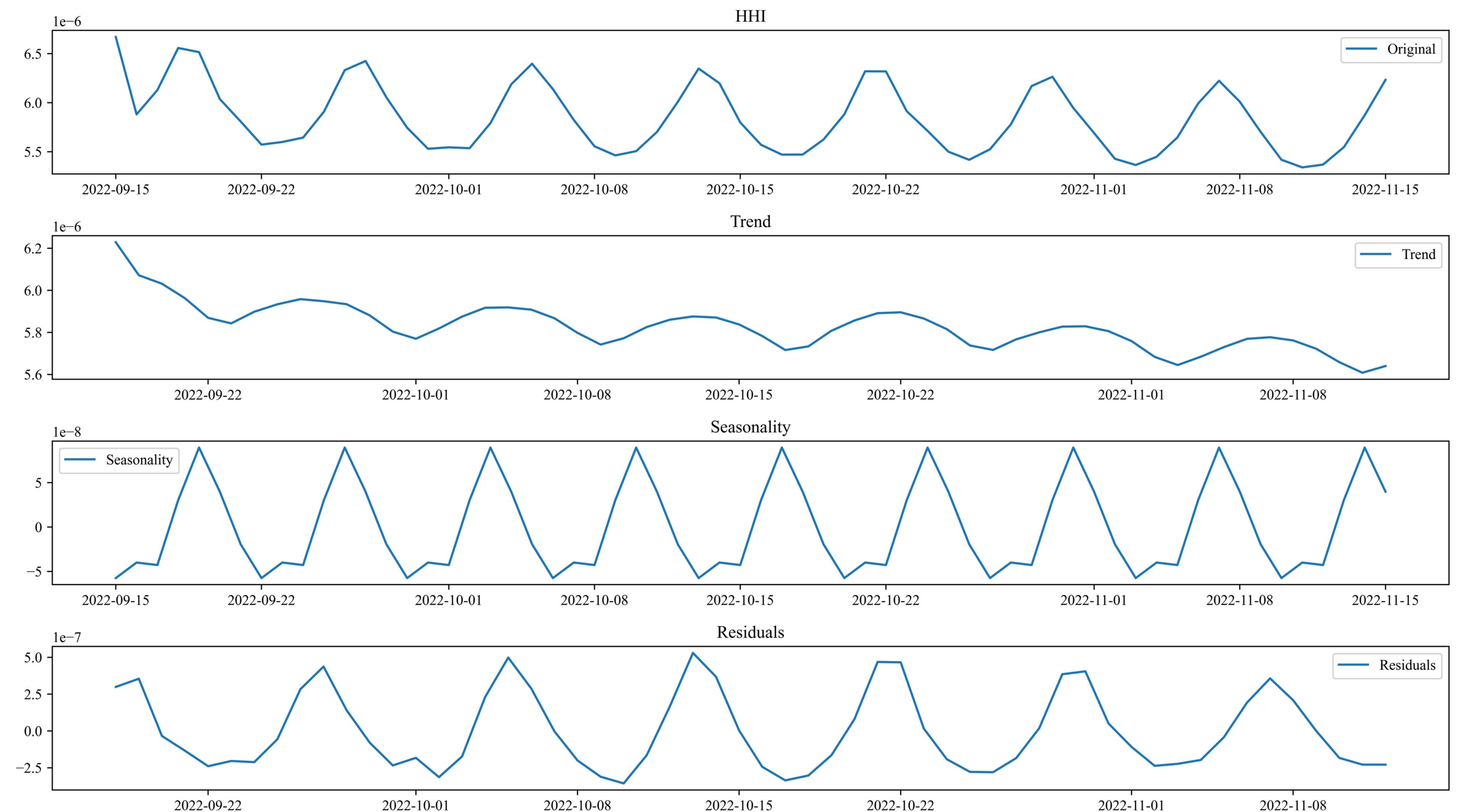
Time Series of Metrics



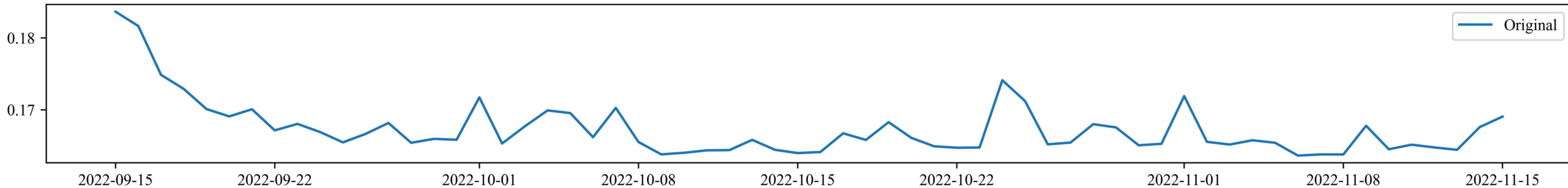
Note: In this plot, the symbol μ represents the metric prefix 'micro-', denoting a factor of 10^{-6} .

ShannonEntropy

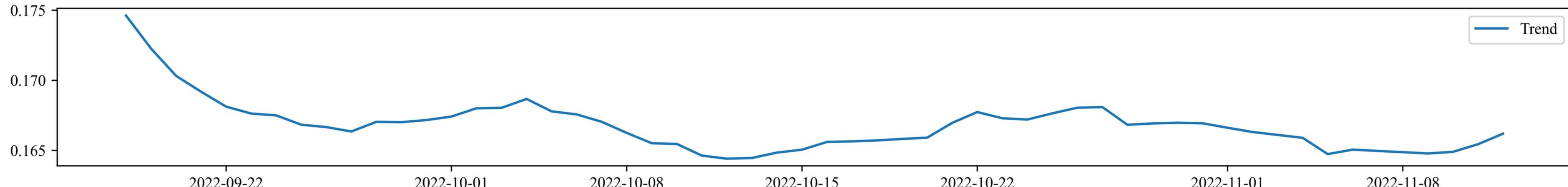




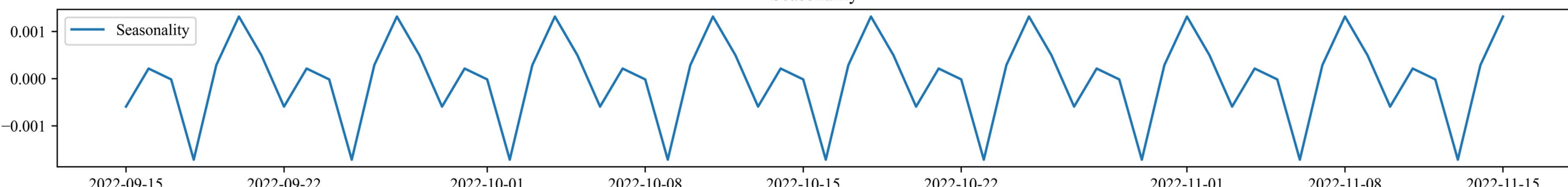
Gini



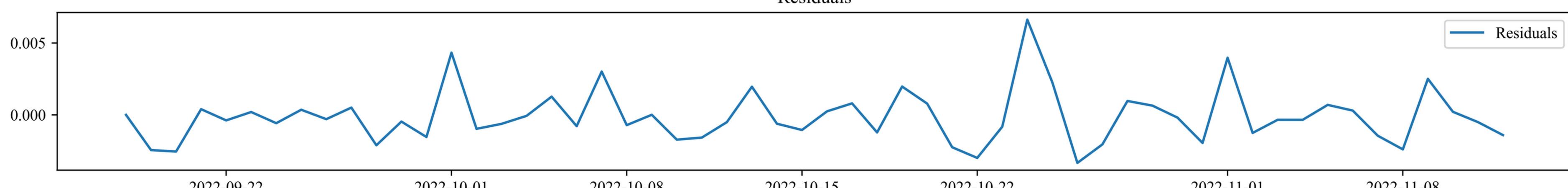
Trend



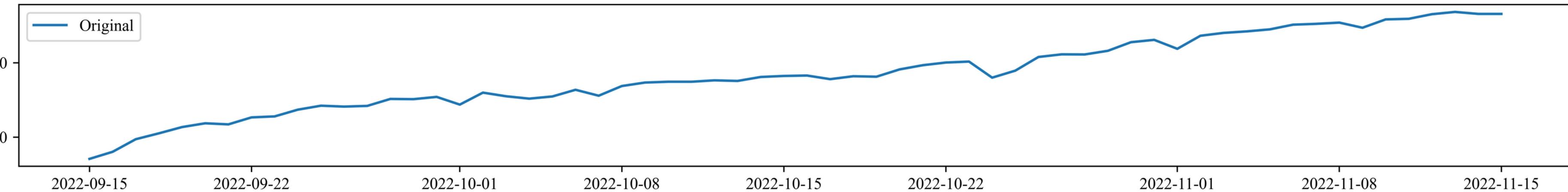
Seasonality



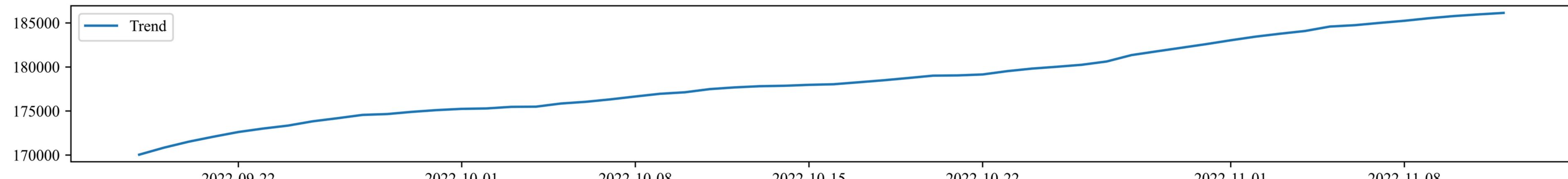
Residuals



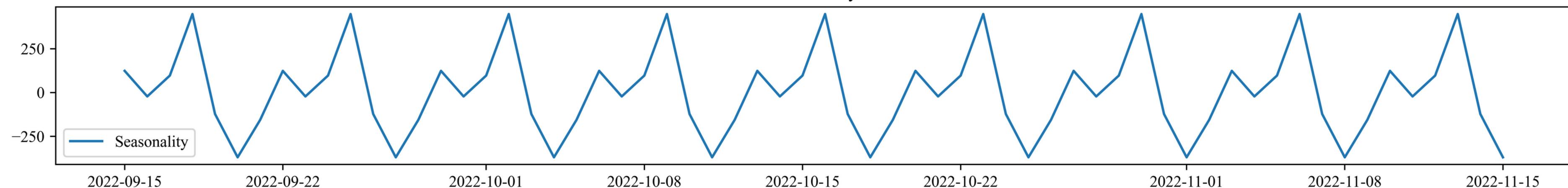
Nakamoto



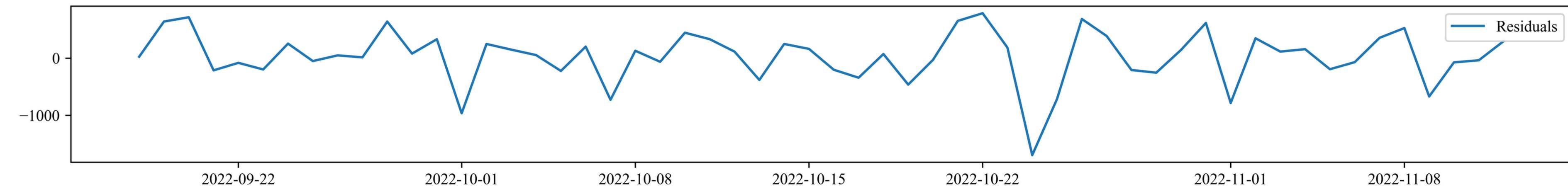
Trend



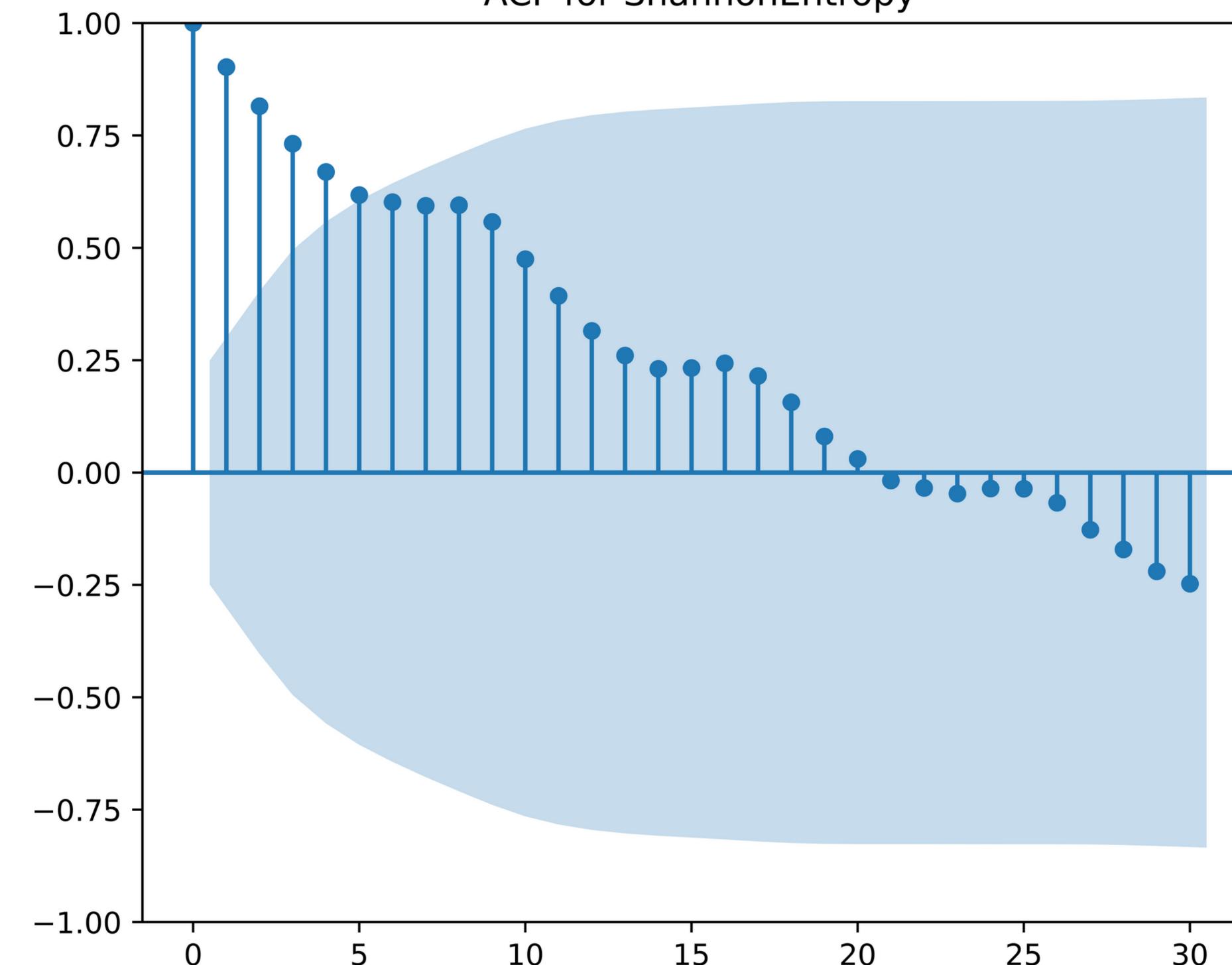
Seasonality



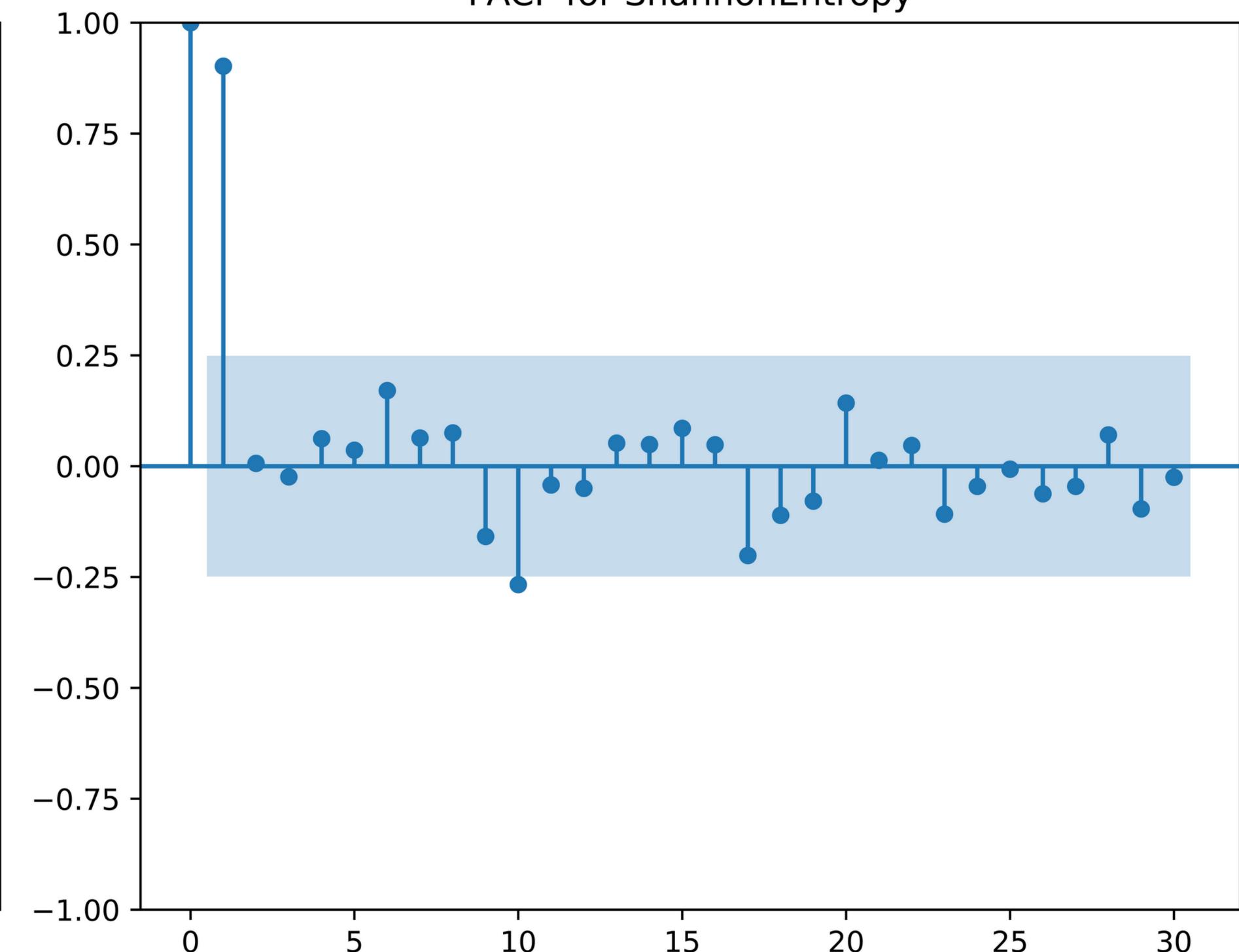
Residuals



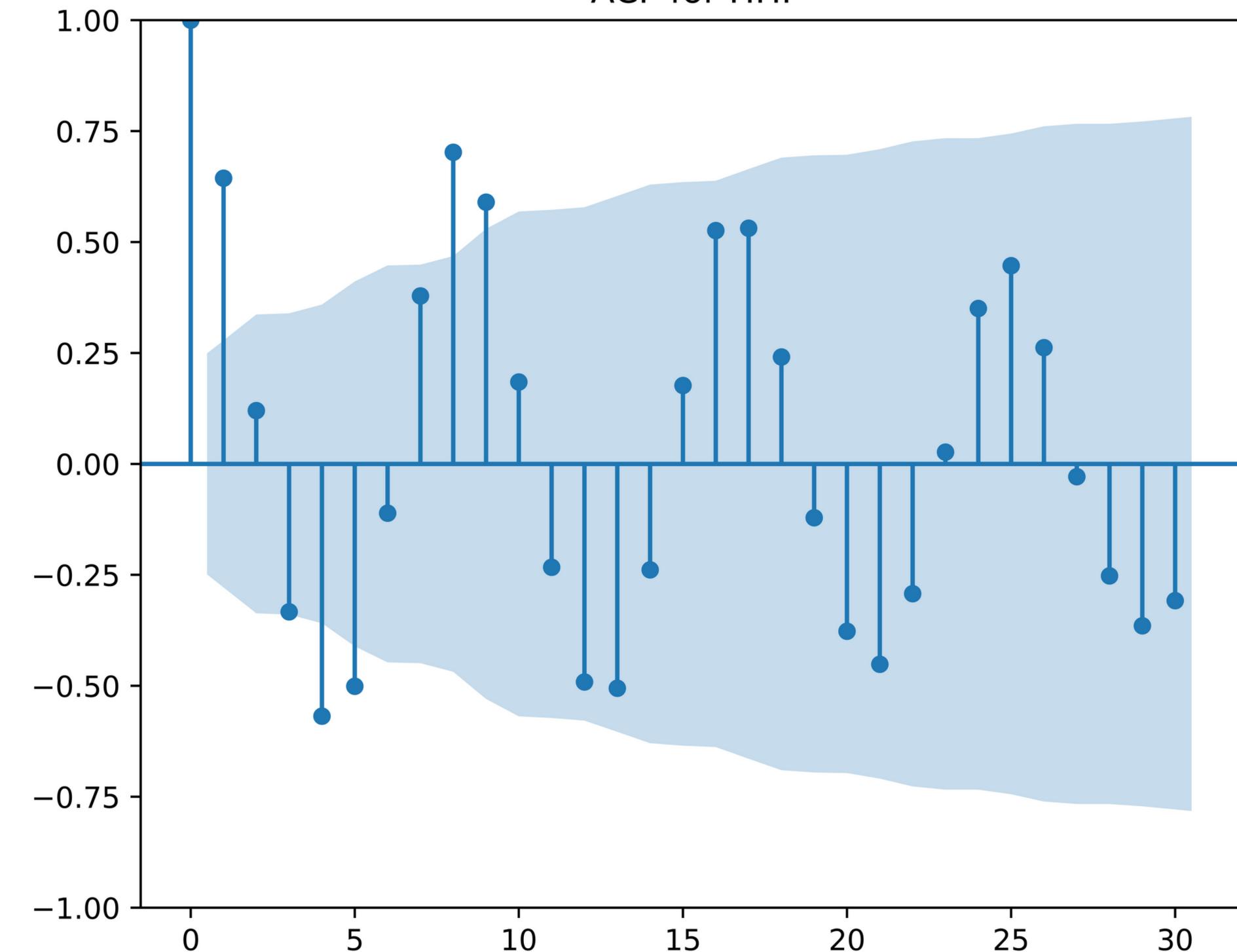
ACF for ShannonEntropy



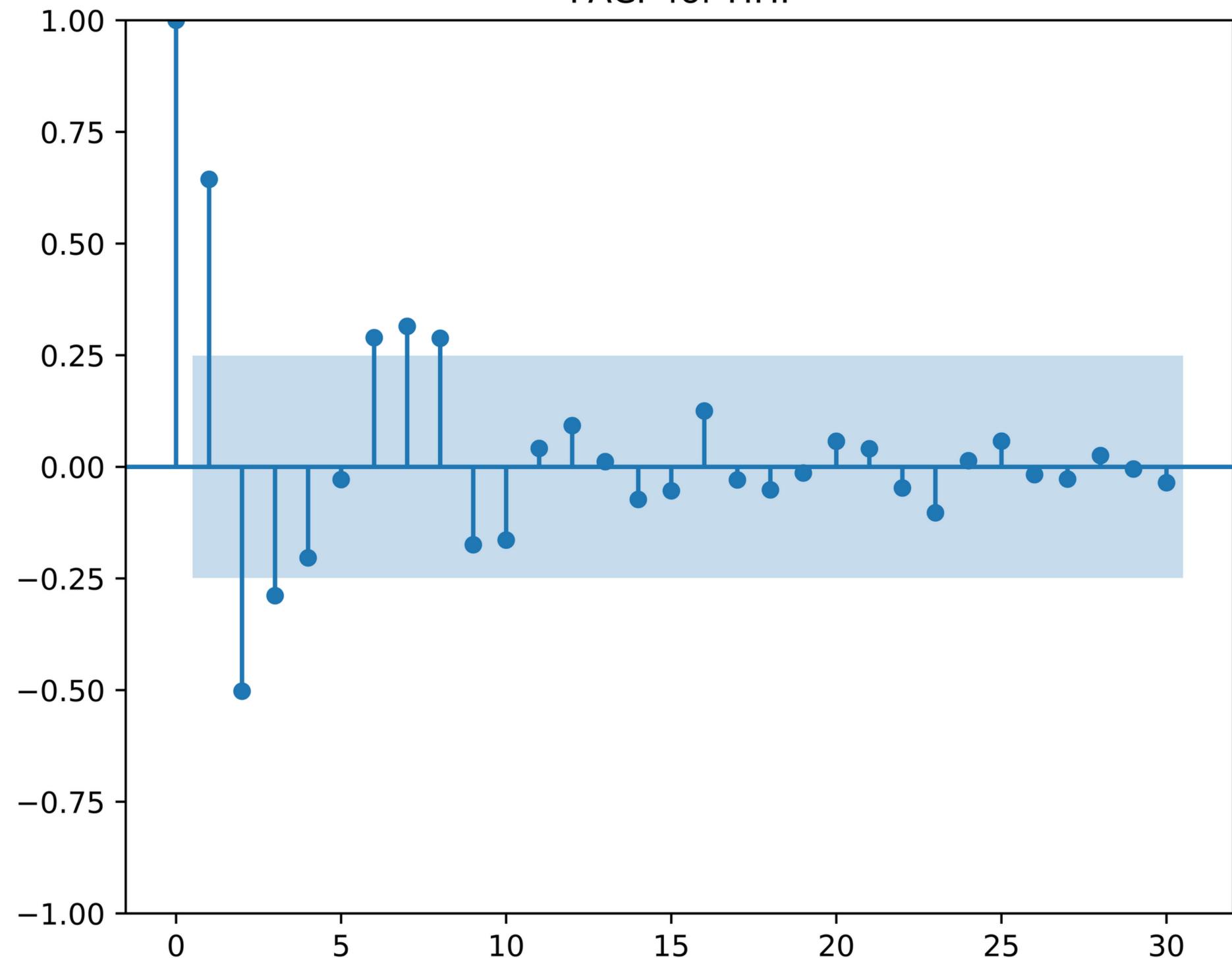
PACF for ShannonEntropy



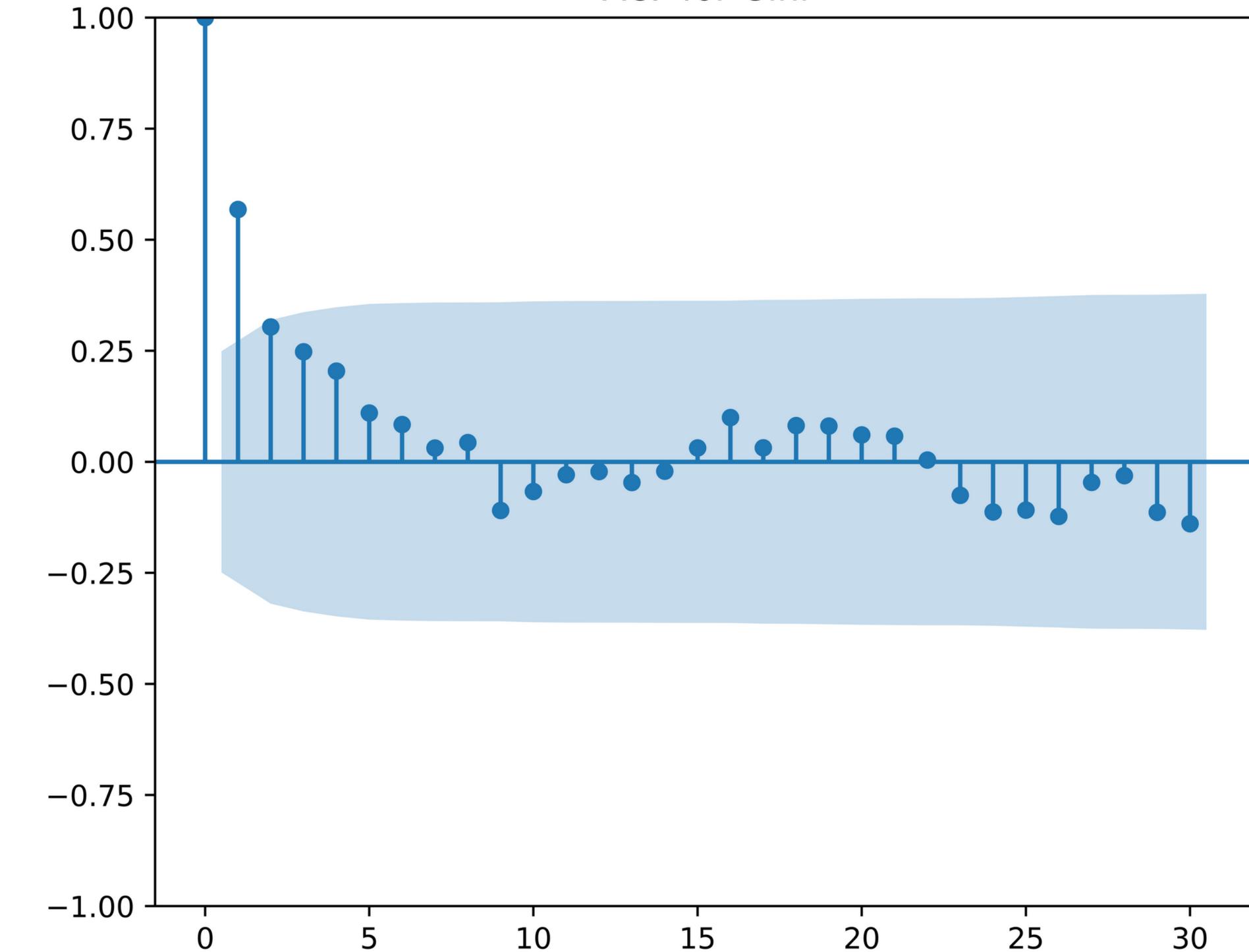
ACF for HHI



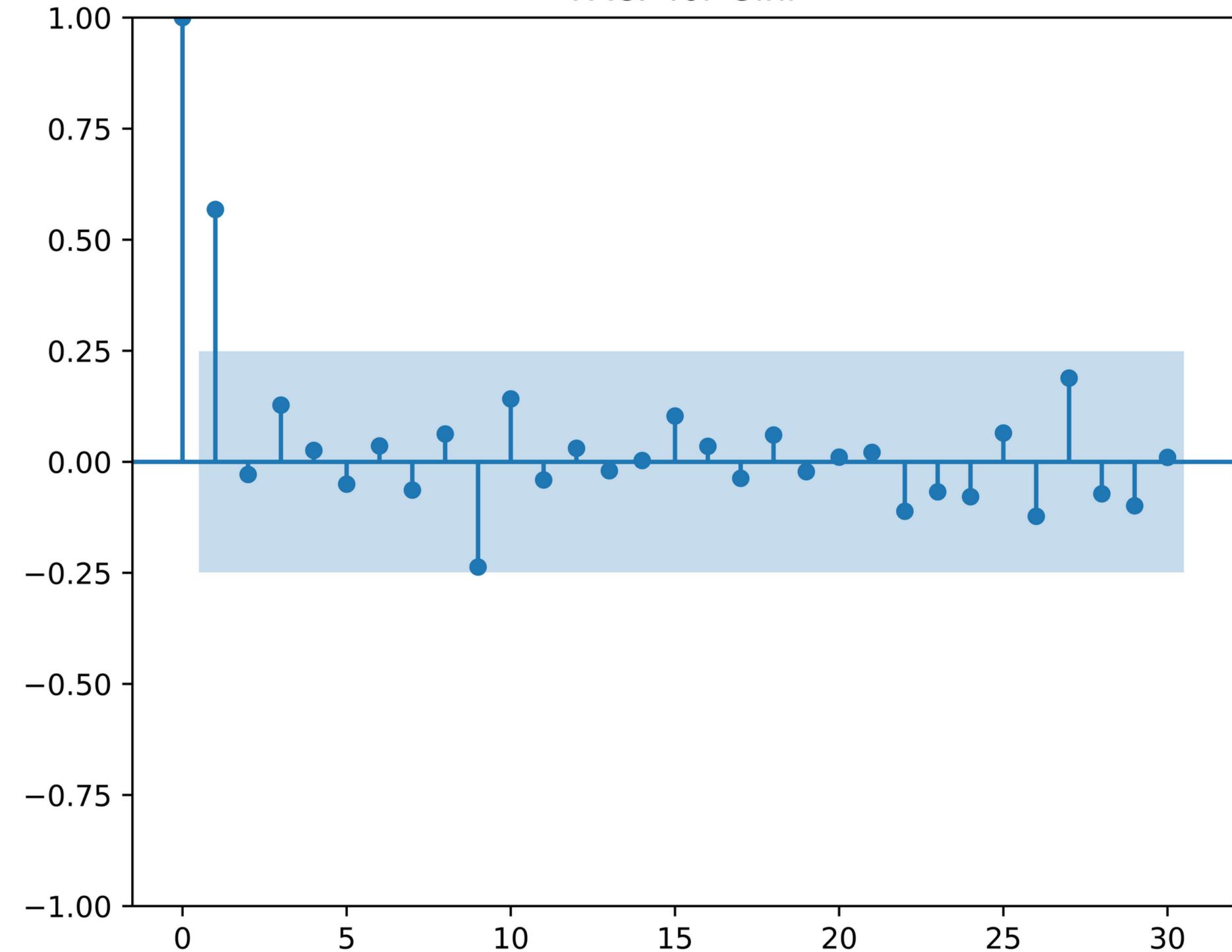
PACF for HHI



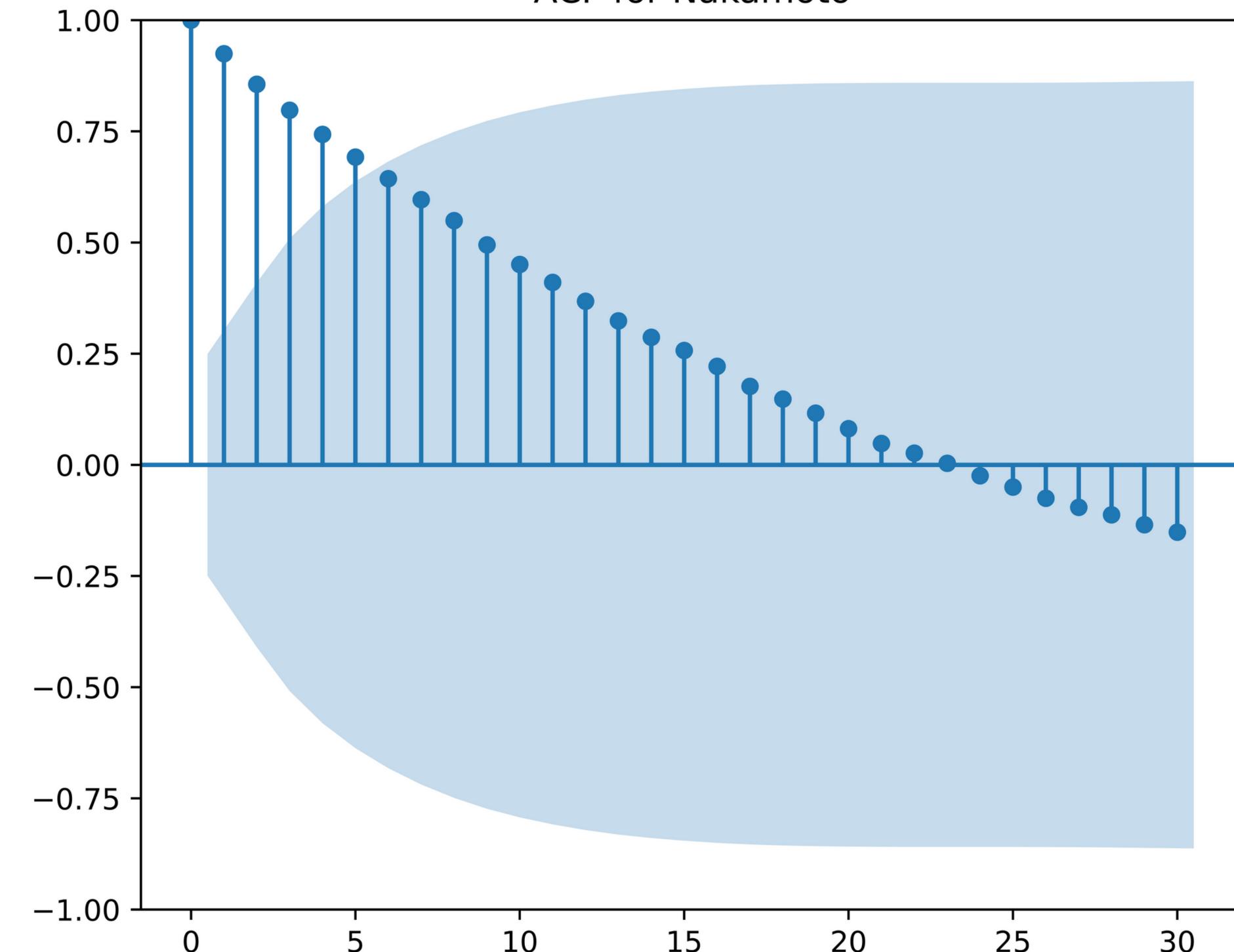
ACF for Gini



PACF for Gini



ACF for Nakamoto



PACF for Nakamoto

