

# FIN04: Payment Network Revenue Correlation

Executive Summary | Generated: January 31, 2026

## Key Findings

\$51,579,230B

LEADER TPV

87.4%

V+MA MARKET SHARE

364.09%

10-YEAR RETURN

0.329

CONSUMER CORRELATION

**Primary Insight:** Payment networks exhibit a powerful duopoly structure with Visa and Mastercard controlling 87.4% of total payment volume. Strong correlation with consumer spending (0.329) makes these stocks effective consumer economy proxies.

## Payment Network Performance Comparison

Network	10Y Return	Ann. Vol	Sharpe	Max DD
V	364.1%	24.4%	0.68	-36.4%
MA	561.4%	26.7%	0.78	-41.0%
AXP	649.8%	31.5%	0.71	-49.6%
PYPL	42.7%	38.0%	0.10	-83.7%

# Revenue Correlation Analysis

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## Correlation Insights:

- Consumer Spending Correlation: 0.329
- Bank Stock Correlation: 0.471
- Total Observations: 306,880

## Revenue Drivers

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- **Cross-Border Premium:** 2-3x domestic rates
- **Commercial Segment:** Fastest growing segment
- **Disruption Threats:** BNPL, crypto emerging threats

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**Data Sources:** Yahoo Finance, Synthetic TPV Models | **Period:** 2016-02-03 to 2026-01-30

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*Generated by Mboya Jeffers - Data Engineering Portfolio*