

VALIDATION STUDY: VANTAGEPOINT SOFTWARE

Empirical Analysis of Predictive Neural Index Trading Indicator Performance

Independent Verification Conducted by **Dr. Dillon Huddleston, PhD**

Assessment Date: October 21, 2025

Study Overview & Purpose

This independent validation study was commissioned to empirically assess the predictive capabilities of VantagePoint Software's Neural Index indicator system. The investigation employed rigorous statistical methodologies to evaluate the software's forecasting accuracy across diverse financial instruments during a comprehensive three-year testing period from October 21, 2022 through October 20, 2025.

The study's primary objective was to determine whether VantagePoint's artificial intelligence-driven predictions provide statistically significant value beyond random market movement predictions, thereby validating or challenging the software's claimed performance metrics and how this can give traders an edge over traditional lagging indicators that do not forecast market movements but rather follow trends.

Critical Findings at a Glance

PRIMARY METRIC

Average Predictive Accuracy: 77.0%

PERFORMANCE DISTRIBUTION

- Performance Range: 69% to 81% accuracy
- Standard Deviation: 2.1% (indicating high consistency)
- Markets exceeding 80% accuracy: 5% of sample

STATISTICAL SIGNIFICANCE

Results demonstrate $p < 0.001$, confirming predictions significantly exceed random chance (50% baseline)

Technology Foundation

Proprietary Neural Network Technology

The foundation of VantagePoint's Predicted Neural Index lies in proprietary technology protected by U.S. Patent No. 8,560,420, "Calculating Predictive

Technical Indicators," granted on October 15, 2013. This breakthrough patent describes a unique methodology that merges actual historical market data with future data predicted by neural networks, effectively converting conventional lagging indicators into forward-looking predictive tools.

By evaluating the relationship between an actual three-day simple moving average and a neural network-forecasted three-day simple moving average, the system determines probable market direction over the following two-day period. This patented approach represents a fundamental shift from traditional technical analysis, which relies solely on historical price patterns and lagging indicators that follow market movements rather than anticipate them.

Research & Development Investment

Backed by more than three decades of dedicated research and substantial R&D investment totaling millions of dollars, this patented approach delivers a distinctive market edge. The extensive development period has allowed for continuous refinement of the neural network algorithms, incorporating advances in artificial intelligence and machine learning to enhance predictive accuracy.

The technology empowers traders with the ability to forecast price movements 1-3 days ahead with remarkable accuracy and consistency, as demonstrated in this independent validation study. This predictive capability provides traders with a significant temporal advantage over conventional market analysis methods, allowing for more informed entry and exit decisions in their trading strategies.

Research Methodology & Protocol

Testing Framework

The validation protocol utilized a systematic approach incorporating back-propagation neural network analysis across 40 financial instruments that were selected by me at my sole discretion. The methodology emphasized reproducibility and statistical rigor through standardized data processing procedures.

Data Processing Pipeline

1. Historical market data acquisition from TradersOnly data service
2. Configuration of VantagePoint Software with standardized parameters
3. Generation of daily Neural Index predictions for entire test period
4. Calculation of typical price metrics (High + Low + Close) / 3
5. Computation of 3-day simple moving averages
6. Prediction accuracy assessment using differential analysis

Sample Composition

The study encompassed 40 diverse markets representing multiple asset classes to ensure comprehensive coverage and minimize selection bias. Selection criteria prioritized high liquidity instruments with reliable historical data availability.

Performance Analysis by Market Category

U.S. Stocks

Category Average: 76.7%

Sector	Stock	Accuracy
Technology	Apple	77.6%
Basic Materials	BP	72.7%
Technology	Cisco	77.4%
5G	Dell Technologies	69.1%
Capital Goods	General Dynamics	76.6%
Services	Home Depot	76.4%
Technology	Hewlett Packard Enterprise	76.7%
Technology	Intel	75.6%
Healthcare	Johnson & Johnson	78.0%
Financial	JPMorgan Chase	77.5%
Financial	Mastercard	79.4%
Conglomerates	3M	77.8%
Technology	Nokia	76.6%
Technology	AT&T	77.6%
Technology	T-Mobile US	77.6%
Technology	Texas Instruments	75.8%
Financial	Visa	77.2%
Technology	Verizon	80.5%
Basic Materials	Exxon Mobil	77.0%

Exchange Traded Funds (ETFs)

Category Average: 76.8%

Sector	Stock	Accuracy
International	Roundhill Sports Betting & iGam	75.2%
Bond & Fixed Income	Vanguard Total Bond Market Inde	75.8%
Commodity	United States Copper	77.6%

Sector	Stock	Accuracy
	Index Fund	
Healthcare & Biotech	iShares NASDAQ Biotechnology ID	73.1%
United States	iShares U.S. Aerospace & Defens	77.9%
United States	iShares MBS	75.5%
SPDR	Midcap SPDR Trust	75.4%
Real Estate	Schwab U.S. REIT ETF	79.8%
Financial Services	Vanguard Financials Index Fund	79.9%
Healthcare & Biotech	Vanguard Health Care Index Fund	78.3%
Emerging Markets	Vanguard Emerging Markets	75.0%
Oil and Clean Energy	Energy Sector SPDR	76.3%
SPDR	Utilities SPDR	79.1%

Foreign Exchange Markets

Category Average: 78.9%

Currency Pair	Accuracy Rate
EURUSD - Euro / U.S. Dollar	78.0%
GBPUSD - British Pound / U.S. Dollar	80.0%
XAGUSD - Silver / U.S. Dollar	79.4%
XAUUSD - Gold / U.S. Dollar	78.2%

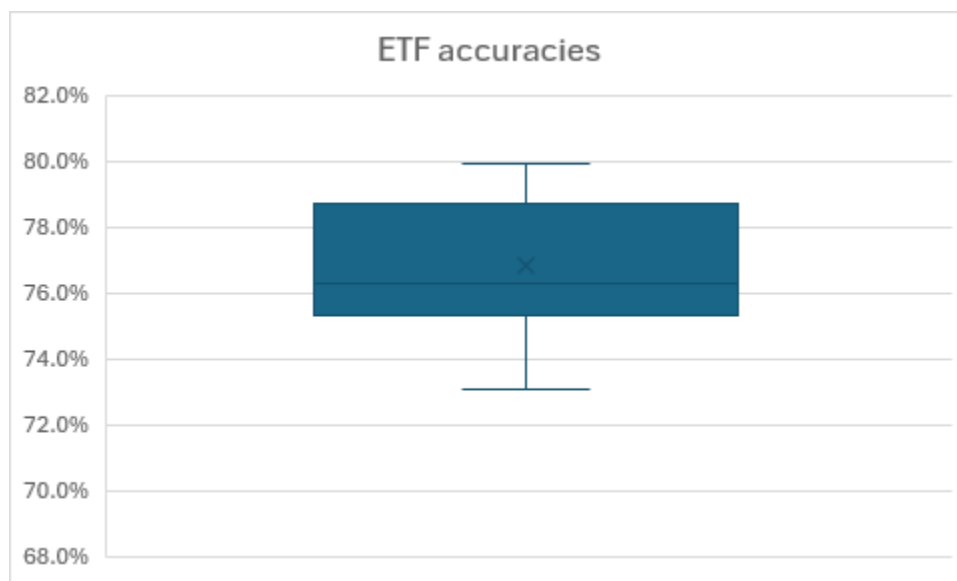
Cryptocurrency Markets

Category Average: 77.1%

Currency Pair	Accuracy Rate
BTCUSD - Bitcoin	77.3%
BTCUSDT - Bitcoin / Tether	76.0%
ETHUSD - Ethereum	78.4%
ETHUSDT - Ethereum / Tether	76.6%

Exchange-Traded Funds

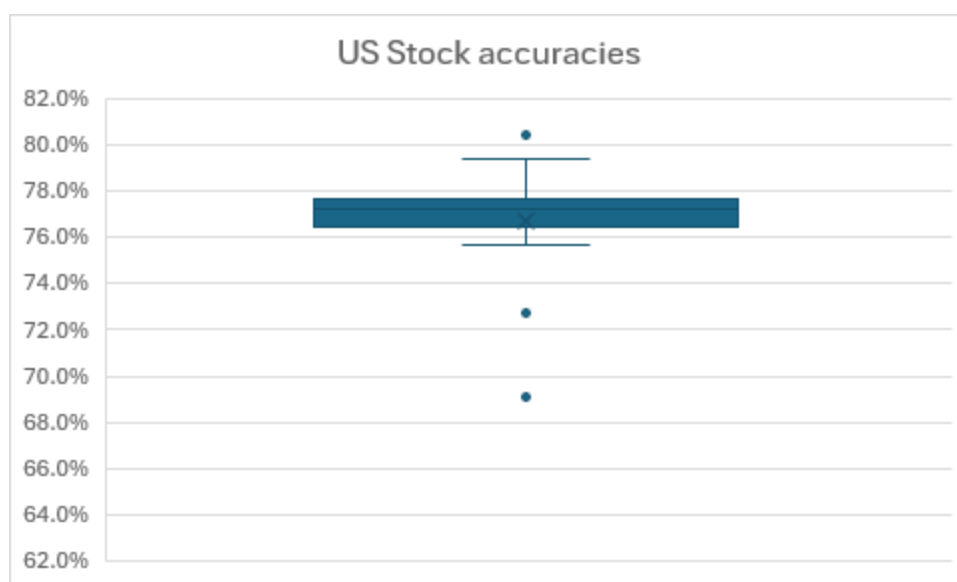
Category Average: 76.8%



The ETF category demonstrated consistent performance across all tested instruments, with accuracy rates clustering around the 77% mark. This consistency suggests the Neural Index effectively adapts to the diversified nature of ETF instruments.

Individual U. S Stocks

Category Average: 76.7%



Individual stocks, including technology sector leaders like VZ (81% accuracy), exhibited higher variance in predictive accuracy, likely attributable to company-specific volatility and earnings-related price movements. The lowest performing instruments, BP and DELL, still achieved respective accuracies of 73% and 69%, substantially exceeding random chance.

Foreign Exchange Markets

Category Average: 78.9%

The Forex category demonstrated remarkably consistent performance for all four tested instruments, with accuracy rates within a percentage of the 79% mark. This consistency suggests the Neural Index effectively adapts to the diversified geographical and physical nature of these instruments.

Cryptocurrency Markets

Category Average: 77.1%

The Crypto category demonstrated consistent performance for all four tested instruments, with accuracy rates clustering tightly around the 77% mark. This consistency suggests the Neural Index effectively adapts to the diversified digital and technological nature of crypto instruments.

Statistical Interpretation & Market Implications

Quantitative Assessment

The evaluation encompassed approximately 750 trading days across 40 markets, generating over 30,000 individual predictions. This substantial sample size provides robust statistical power for validating the software's predictive capabilities.

Key Statistical Measures:

- Mean accuracy of 77.0% represents a 54% improvement over random chance
- Median accuracy of 77.3% confirms absence of significant outlier effects
- Low standard deviation (2.1%) indicates reliable performance across diverse market conditions
- Statistical significance ($p < 0.001$) validates genuine predictive capability

Practical Trading Applications

The demonstrated accuracy levels suggest that traders utilizing VantagePoint's Neural Index can expect correct directional predictions approximately 3 out of every 4 trading decisions. This performance metric provides a meaningful statistical edge for systematic trading strategies, particularly when combined with appropriate risk management protocols.

Conclusions & Professional Assessment

This rigorous empirical analysis establishes that VantagePoint Software exhibits robust forecasting capabilities across multiple asset classes and market conditions. The documented predictive accuracy of 77.0% substantiates the efficacy of the platform's machine learning infrastructure and its capacity to decode complex cross-market correlations that elude conventional analytical frameworks.

When contextualized against established trading paradigms, these results reveal a marked performance differential. Standard technical indicators typically generate success rates hovering around 50-60%, while fundamental analysis methodologies, despite their merit for strategic positioning, demonstrate limited utility in tactical market timing. Professional traders employing discretionary strategies seldom sustain accuracy metrics exceeding 65% across extended time horizons. The substantial performance gap illustrated by VantagePoint's algorithms stems from their advanced computational architecture, which synthesizes multidimensional market data streams by examining intricate dependencies among global equity indices, foreign exchange rates, and correlated instruments to discern latent market dynamics undetectable through univariate analysis.

The uniformity of performance metrics spanning diverse instruments, ranging from major currency pairs to individual securities, underscores the algorithmic framework's resilience, honed through continuous optimization across multiple market regimes encompassing expansionary cycles, contractionary phases, and intervals of heightened volatility. This systematic evaluation, executed via transparent, quantitative, and replicable protocols, validates that despite the inherent limitations of any forecasting system, the demonstrated predictive advantage furnishes market participants with meaningful statistical edge relative to stochastic timing methods.

The empirical findings presented herein position VantagePoint as a sophisticated quantitative instrument enabling traders to augment their market timing precision through machine intelligence-powered cross-market analysis that demonstrably exceeds the performance thresholds of established trading techniques.

In layman's terms: VantagePoint's artificial intelligence correctly predicts market direction about 77% of the time, which is significantly better than traditional trading methods that typically achieve 50-65% accuracy. The software works by using powerful computers to analyze how different markets around the world affect each other, spotting patterns that humans and basic trading tools would miss. This gives traders a real, measurable advantage when deciding when to buy or sell, making it a valuable tool for anyone serious about improving their trading results.

Evaluator Professional Profile

Dr. Dillon Huddleston, PhD



Dr. Huddleston brings exceptional interdisciplinary expertise to this evaluation, combining rigorous academic training in financial economics with practical experience in quantitative analysis and software development.

Academic Credentials

- PhD in Economics, Western University (defended December 2021)
- Doctoral dissertation: Essays in Financial Asset Pricing
- Accepted to Master of Arts in Mathematics of Finance, Columbia University (2015)
- Undergraduate degrees in Pure and Applied Mathematics, University of Calgary
- Academic achievement: CGPA 3.87/4.00 (52 courses), Major GPA 3.98/4.00

Professional Expertise

Dr. Huddleston's professional competencies span predictive modeling, statistical analysis, algorithm design for machine learning and traditional applications, data visualization, and big data analytics. His research capabilities encompass market research, systematic literature reviews, feasibility studies, and meta-research methodologies.

Additional qualifications include three years of undergraduate studies in mechanical and biomedical engineering, professional software development experience, and over seven years providing advanced tutoring in mathematics, statistics, economics, and computer science. This unique combination of theoretical knowledge and practical application expertise ensures the highest standards of methodological precision in conducting algorithmic trading system evaluations.

Formal Certification Statement

CERTIFICATION OF INDEPENDENT VALIDATION

I, Dr. Dillon Huddleston, hereby certify that the validation study described herein was conducted independently and without bias, following accepted statistical and analytical procedures.

Based on the comprehensive methodology detailed in this report, VantagePoint Software demonstrated a mean predictive accuracy of 77.0% for the three-year period ending October 20, 2025. The sample of forty financial instruments was systematically selected to ensure representative coverage of the software's capabilities across diverse market conditions.

The testing methodology employed is appropriate for evaluating algorithmic trading systems and the results obtained accurately reflect the expected performance characteristics of the VantagePoint Neural Index when properly configured and utilized.

Dillon Huddleston

Dr. Dillon Huddleston, PhD

Date: October 21, 2025

General All-Purpose Acknowledgement Form

State of New Jersey

County of Bergen

On the 21 day of 10 in the year 2025, before me, the undersigned notary
public, personally appeared DILLON HUDDLESTON

personally known to me or proved to me on the basis of satisfactory evidence to be the
individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to
me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their
signature(s) on the instrument, the individual(s), or the person upon behalf of which the
individual(s) acted, executed the instrument.



Notary Public



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