Research Visual Summary

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Applied Research

1. Structured Summary

The research paper presents a framework for investment recommendation, which involves synthesizing reports from Technical, Quantitative, and Qualitative sub-analysts to provide a definitive 1-month investment recommendation. The framework consists of a synthesis logic and perspective, where Technical and Quantitative analysis act as the 'Engine' and Qualitative analysis acts as the 'Steering'. The paper also discusses the role of a Portfolio Manager (PM) Agent in constructing a final portfolio based on scores and reports from Sector and Macro Agents. The PM Agent determines final scores for all stocks in the TOPIX 100 and selects stocks for long and short positions to construct a portfolio. The paper highlights the importance of dynamic weighting and adjusting weights based on consistency and sector performance. The framework utilizes a combination of structured and unstructured data to inform decisions, including financial statements, market data, and other relevant information.

2. Key Contributions

1. Synthesizing Technical, Quantitative, and Qualitative analysis for investment recommendation
2. Dynamic weighting of analysis based on consistency and sector performance
3. Utilizing a combination of structured and unstructured data for decision-making

3. Methodology

The research paper employs a multi-agent framework, where Technical, Quantitative, and Qualitative sub-analysts provide input to a Portfolio Manager (PM) Agent. The PM Agent synthesizes the scores and reports from the Sector Agent and the Macro Agent to determine final scores for all stocks in the TOPIX 100. The paper utilizes a combination of structured and unstructured data, including financial statements, market data, and other relevant information. The data sources include income statements, balance sheets, cash flow statements, and other financial data. The paper also highlights the importance of reproducibility and adjustability in the framework.

4. Results & Findings

The paper presents a framework for investment recommendation, which provides a definitive 1-month investment recommendation based on the synthesis of Technical, Quantitative, and Qualitative analysis. The framework determines final scores for all stocks in the TOPIX 100 and selects stocks for long and short positions to construct a portfolio. The paper highlights the importance of conviction score, comprehensive thesis, and catalysts/risks in the investment recommendation. The framework provides a structured approach to investment decision-making, which can be useful for portfolio managers and investors. The paper also discusses the potential applications of the framework in real-world investment scenarios.

5. Technical Diagrams

5.1 System Architecture

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5.2 Methodology Flowchart

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5.3 Research Pipeline

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5.4 Data Flow Diagram

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