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TLDR; The future of Optimism Retro Funding is built on its past! Optimism Badgeholders and GovNERDs, don't miss your chance to discover:

1) Brand-new insights from comparing voting designs across Retro Funding Rounds 1-4

2) A new evaluation framework for assessing future voting rules

3) Data-driven proposals for improved voting designs and performance metrics

[Register and take part at the workshop on Monday, September 23, from 17:00-18:00 UTC here](#)

Optimism Retro Funding is one of the most visionary endeavors in the crypto space. Instead of funding based on future potential, it retroactively compensates work that has proven valuable for the Optimism Ecosystem and offers a sustainable model for individuals to receive rewards. Round by round, the decision on reward distribution is decided by a vote in the Optimism Citizens House.

The [GovXS team](#)

was chosen to evaluate voting designs for Optimism Retro Funding through the [Foundation Mission Request: Evaluating Voting Design Tradeoffs for Retro Funding](#).

The objective: Improve Optimism governance accessibility and grow the Optimism Collective's understanding of optimal voting designs to encourage diverse, informed, and values-aligned voting behavior.

Delivering on this objective, GovXS developed a new voting evaluation framework drawing from [Social Choice Theory](#). We apply theoretical analysis and agent-based simulations to assess past Retro Funding voting designs across six dimensions:

1. Resistance to malicious behavior and collusion:

Measure to what extent a malicious voter (or a group of coordinated malicious voters) can impact voting outcomes

1. Incentive compatibility:

Prove or disprove that the voting design is [incentive compatible](#) ("every participant can achieve their own best outcome by acting according to their true preferences")

1. Simplicity for Voters & Expected Outcome:

Measure if voters can easily understand how the voting design works and how to best achieve their goals

1. Majority & Diversity:

Measure if results represent preference of majority or diversity of voters

1. Incentives Alignment:

Measure how well the incentives of voters and the Optimism Collective are aligned

1. Alignment with Ground Truth in Impact = Profit:

Measure how well the voting design supports finding the objective truth in "impact = profit".

The GovXS Voting Evaluation Framework is now available to evaluate voting designs in Retro Funding rounds. Its metrics enable straightforward comparisons, helping select the best-fit designs for each round's scope while ensuring strong and reliable voting outcomes. Optimism Badgeholders and GovNERDS will be among the first to access and explore the GovXS Voting Evaluation Framework by [registering to attend our workshop on Monday, September 23, 2024, at 5pm UTC](#)

In this session, the GovXS team will walk you through the key components of the framework, and showcase the results reviewing past voting designs from Rounds 1–4. This workshop will guide you through GovXS' evaluation and recommendations to improve future rounds' voting designs and performance metrics.

This event is exclusively for Badgeholders, GovNERDS, guest voters and members of the Optimism Collective. Meet the GovXS researchers [Nimrod Talmon, PhD](#), [Angela Kreitenweis](#), [Eyal Briman](#), and [Muhammad Idrees](#), and learn and discuss together!

GovXS is a research initiative under Token Engineering Academy, which aims to propel the success of crypto protocols with cutting-edge research in the new, crypto-native discipline of token engineering.

See you there!