

We're on a journey of exploring which voting algorithm is optimal to achieve the goals of RetroPGF.

This is an invite for an open discussion of what voting algorithms should be considered and their advantages and disadvantages.

A brief history of RetroPGF voting algorithms

- [RetroPGF 1

](<https://vitalik.eth.limo/general/2021/11/16/retro1.html>): Quadratic Voting (sum of square root of x_i , for all i)

- [RetroPGF 2

](<https://community.optimism.io/docs/governance/retropgf-2/#>)

: Simple Average

- [RetroPGF 3

](<https://community.optimism.io/docs/governance/retropgf-3/>): Median with simple quorum

The Voting algorithm for RetroPGF 3 will not be changed.

Anonymised voting data from Round 3 will give us a great opportunity to test how different voting algos would impact result!