Envelope Methods Suite — One-Page Overview

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Overview
The Envelope Methods Suite unifies four lightweight, interpretable frameworks for dynamic systems: drift detection, statistical-envelope stability, equilibrium allocation, and decision coherence.

1. HCM — Histogram Confidence Method
Real-time, nonparametric drift detector using adaptive histograms and precomputed confidence bounds.
DOI: 10.5281/zenodo.17765246
GitHub: https://github.com/StevenSrebranig/HCM

2. SECL — Statistical-Envelope Control Loops
Distribution-bound control architecture for drift-prone systems.
DOI: 10.5281/zenodo.17715671
GitHub: https://github.com/StevenSrebranig/SECL

3. MEO / Opportunity Optimization
Equilibrium-seeking allocator using marginal utility, marginal cost, and dynamic opportunity cost.
DOI: 10.5281/zenodo.17705719
GitHub: https://github.com/StevenSrebranig/MEO

4. WCS/DR — Weighted Cohesion Score & Dissolution Risk
Decision-coherence and future-self stability framework.
DOI: 10.5281/zenodo.17691769
GitHub: https://github.com/StevenSrebranig/WCS-DR

Conceptual Flow
HCM detects change → SECL stabilizes → MEO allocates → WCS/DR evaluates coherence.