



Price Structure Research – Regression Channels & Trend Geometry

Note: This repository contains **visual references only**.

Source code is intentionally **not included**.

Overview

This project explores **price-structure geometry** using:

- Linear regression-based trend estimation
- Parallel channel construction (constant slope, shifted intercepts)
- Pivot-derived primary and secondary trendlines
- Forward extension and regime visualization
- Optional logarithmic price scaling

The goal is **research and structural understanding of price behavior**, not indicator replication or signal generation.

What's Included

- **Images / plots** showing:
 - Regression base lines
 - Multi-level parallel channels
 - Primary and secondary trendlines
 - Forward-projected structure
 - Visual examples across different market regimes and timeframes
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What's Not Included

- Source code
- Trading signals or strategies
- Ready-to-use indicators

This is intentional.

The implementation is part of an ongoing **private research framework** and is shared selectively.

Methodology (High Level)

- A **single base trendline** is estimated using linear regression
 - Channels are constructed as **parallel offsets** (same slope, different intercepts)
 - Trendlines are derived from **validated price pivots**, not bar-to-bar fitting
 - Structure is emphasized over indicators; geometry over heuristics
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Intended Use

- Visual reference for price-structure analysis
- Conceptual understanding of trend/channel geometry
- Research discussion and collaboration

Not intended for:

- Automated trading
 - Indicator resale
 - Plug-and-play strategies
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Access to Code

If you are interested in:

- Reviewing the implementation
- Discussing methodology
- Research collaboration
- Custom adaptation

 **Please contact me directly.**

Code access is provided **on request** and at my discretion.

Disclaimer

This repository is for **educational and research purposes only**.

Nothing here constitutes financial advice or a trading recommendation.