

YOPSEE Bulls and Bears Relative Strength Analyzer (BBRSA)

YOPSEE BBRSA (Bulls and Bears Relative Strength Analyzer) is a market structure analysis tool that evaluates the balance of power between bulls and bears across multiple time horizons.

Instead of focusing only on price direction, the indicator analyzes **pressure dominance dynamics** within price action. This allows traders to observe how market pressure evolves and whether buyers or sellers are gaining structural control.

By combining multi-horizon pressure measurements with structural classification tools, BBRSA helps traders better understand whether the market environment is trending, consolidating, or transitioning.

BBRSA evaluates pressure across **three time horizons (7, 14 and 28 bars – adjustable in settings)** and presents the results through histogram visualization, structural classification, and an informational panel.

The indicator is designed to assist traders in interpreting market structure rather than predicting price movements.

Key Features

- Multi-horizon pressure analysis (7 / 14 / 28)
- Histogram visualization of dominance strength
- Triple Dominance detection
- Market Regime classification
- Bias phase identification
- Structural Confidence scoring
- Continuation and Reversal structural evaluation
- Market Summary for quick structural interpretation

All thresholds and key conditions are adjustable in settings.

Visual Structure of the Indicator

BBRSA is displayed in a **separate pane** and includes several components:

- Histogram bars showing pressure dominance
- Triple Dominance cycle markers
- Pressure threshold levels
- Informational label summarizing structural analysis

Together these elements provide a structured view of how bullish and bearish pressure evolves across time.



Pressure Dominance

Pressure dominance measures how strongly bulls or bears control price action across different horizons. The indicator evaluates three adjustable periods:

- Short horizon – 7 bars
- Medium horizon – 14 bars
- Long horizon – 28 bars

These values appear in the informational label as numerical ratios.

Example:

7: 1.51 Bullish
 14: 1.45 Bullish
 28: 1.53 Bullish

Interpretation:

- Over the last **7 bars**, bullish pressure is **1.51 times stronger** than bearish pressure
- Over the last **14 bars**, bullish pressure is **1.45 times stronger**
- Over the last **28 bars**, bullish pressure is **1.53 times stronger**



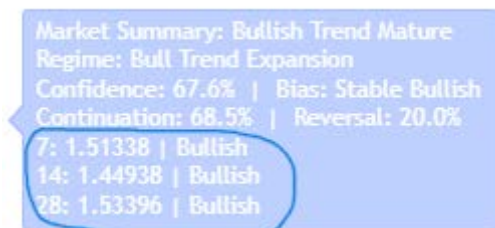
When bearish pressure dominates, values appear with a **negative sign**.

Pressure Strength Classification

BBRSA uses structural thresholds to classify dominance strength.

Pressure Level	Interpretation
Pressure < 1.3	Minor dominance (on the label: Minor Bullish or Minor Bearish)
1.3 – 2.0	Normal dominance (on the label: Bullish or Bearish)
2.0 – 2.5	Strong dominance (on the label Strong Bullish or Strong Bearish)
≥ 2.5	Extreme dominance (on the label: Extreme Bullish or Extreme Bearish)

These thresholds help traders quickly evaluate how strong the structural pressure is.

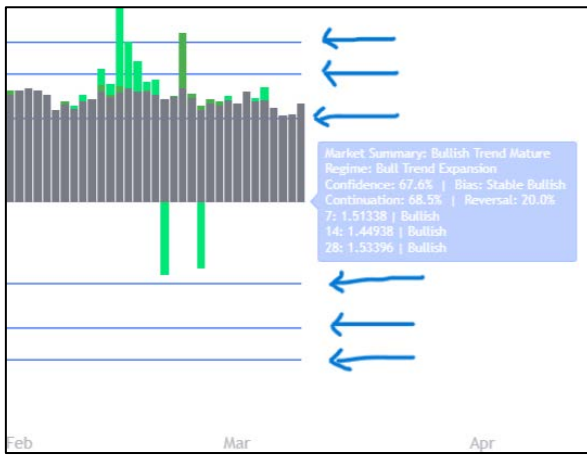


Histogram Visualization

Histogram bars visually represent pressure dominance across time.

Three adjustable **blue threshold lines** allow traders to quickly identify moments when pressure exceeds key structural levels.

This visual structure helps highlight when dominance becomes strong enough to influence broader market structure.



Triple Dominance

When pressure dominance exceeds the threshold (default **1.3**) across all three horizons in the same direction, a **Triple Dominance** signal appears.

Markers:

- **Green circle** → Triple Bullish dominance
- **Red circle** → Triple Bearish dominance

These markers indicate moments when pressure alignment exists across short-, medium-, and long-term horizons.

Triple dominance often appears when pressure becomes structurally aligned across the analyzed horizons.



However, triple dominance should always be interpreted together with the broader structural context.

Market Regime

The **Regime** describes how the market structure is organized in terms of pressure dominance.

BBRSA classifies market structure into four environments:

- Bull Trend Expansion
- Bear Trend Expansion
- Balanced Range
- Pullback / Transition

Bull Trend Expansion

Bullish pressure dominates across horizons and the trend structure expands.

Bear Trend Expansion

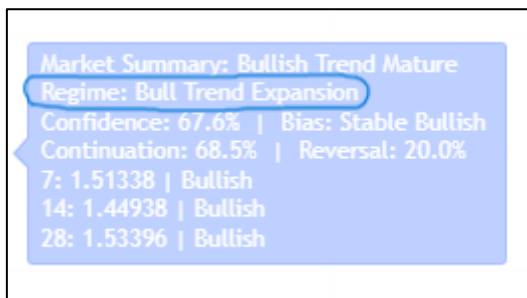
Bearish pressure dominates and downward trend pressure expands.

Balanced Range

No side shows meaningful dominance. Pressure remains below the structural threshold and the market lacks directional commitment.

Pullback / Transition

Dominance exists but horizons are not fully aligned. This environment often represents either a normal pullback within a trend or an early structural transition.



Market Bias

While Regime describes the **structural environment**, Bias describes the **internal condition of pressure within that environment**.

Bias indicates which side dominates and how that dominance evolves.

BBRSA classifies Bias into the following categories:

- Bullish Accelerating
- Stable Bullish
- Weakening Bullish

- Bearish Accelerating
- Stable Bearish
- Weakening Bearish
- Mixed
- Range

Bullish Accelerating

Within the current Regime environment, bullish pressure is increasing and strengthening across horizons.

Stable Bullish

Bullish pressure dominates but remains stable without signs of acceleration.

Weakening Bullish

Bullish pressure still dominates but gradually fades.

Bearish Accelerating

Bearish pressure is strengthening across horizons.

Stable Bearish

Bearish dominance exists but remains stable.

Weakening Bearish

Bearish pressure still dominates but is gradually fading.

Mixed

Pressure signals across horizons conflict, indicating a structurally unstable environment.

Range

Bullish and bearish pressure remain balanced, suggesting a sideways market structure.

Bias classification uses a **Tolerance threshold** (default **0.1**) to prevent misclassification caused by small fluctuations and is adjustable in settings.

Market Summary: Bullish Trend Mature
Regime: Bull Trend Expansion
Confidence: 67.6% | Bias: Stable Bullish
Continuation: 68.5% | Reversal: 20.0%
7: 1.51338 | Bullish
14: 1.44938 | Bullish
28: 1.53396 | Bullish

Confidence Score

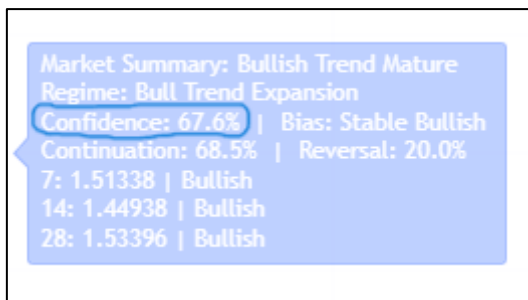
The **Confidence** score evaluates the overall structural strength of pressure dominance across horizons. It answers a key question: **How structurally strong is the current dominance?**

Confidence ranges:

Confidence	Interpretation
0–40%	Weak structure
40–70%	Developing structure
70–90%	Strong structure
90–100%	Maximum structural strength

High confidence indicates strong alignment across horizons, while lower confidence suggests structural fragmentation.

Confidence reflects structural strength — it is **not a prediction or probability of profit**.



Continuation and Reversal

These two scores evaluate the structural conditions supporting continuation or potential reversal pressure.

The calculation considers:

- Regime alignment
- Bias phase
- Confidence strength

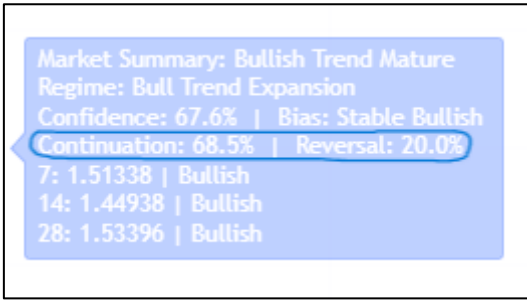
Example:

Continuation = 80%

Reversal = 40%

Continuation and Reversal scores are calculated independently and **do not sum to 100%**.

High continuation indicates that the internal structure supports the current directional pressure.



Market Summary

The **Market Summary** provides a concise structural interpretation of the current market state.

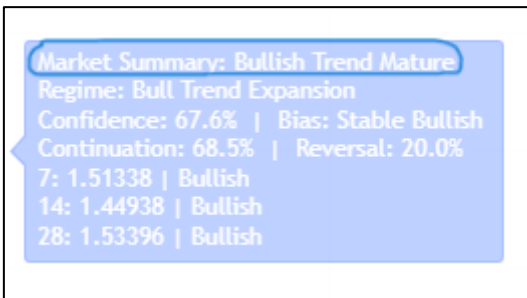
It combines information from:

- pressure dominance
- horizon alignment
- dominance strength
- structural evolution

Instead of interpreting multiple values individually, traders receive a single structural description.

Examples include:

- Bullish Trend Expansion
- Bullish Trend Mature
- Pullback Pressure
- Mixed Reversal Pressure
- Balanced Range



Example Interpretation of Market Structure

In the example shown below, bullish Triple Dominance is visible through the green cycle markers above the histogram.

The Regime is **Bull Trend Expansion** and Bias is **Stable Bullish**, indicating that bullish pressure dominates but momentum is no longer accelerating.

At the same time, decreasing Confidence and Continuation scores suggest that the trend may be entering a mature phase.

The Market Summary therefore evaluates the structure as **Bullish Trend Mature**, indicating potential weakening of the existing trend.



Conclusion

YOPSEE BBRSA is a real-time market structure analysis tool designed to evaluate the balance of power between bulls and bears across multiple time horizons.

By analyzing pressure alignment, structural strength, and dominance dynamics, the indicator helps traders interpret whether market pressure is expanding, stabilizing, weakening, or transitioning.

BBRSA is designed to assist traders in understanding market structure and can be used together with other analytical tools and trading strategies.

Disclaimer

This indicator is designed as an analytical tool to assist traders in evaluating market structure and pressure dynamics. It does not provide financial advice and should be used together with the trader's own analysis and risk management.