AutoMTF Trendlines

Onboarding Tutorial

A user-friendly guide to the chart lines, tables, hover stats, and trade-readiness words.

What this guide covers

This guide shows the current AutoMTF workflow: read the chart map, check the Consensus Table, then use Trade Readiness to understand the long and short plans.

Current table language

Trade Readiness uses GOOD, CAUTION, EXTENDED, and SKIP so you can quickly understand the state of each plan.

Default labels

All Labels is the default, so users see the full map first.

Hover stats matter

Active and broken lines each have tooltips that explain history and next prices.

TRADE READINESS						
SIDE	LINE	SETUP	LOCATION	CONFIRM	R:R	VERDICT
LONG	5 Min S	77	CONFLICT	EXTENDED	.9	SKIP
ENTRY 7472.25		TARGET 7477.00			STOP 7466.75	
SHORT	4 Hr R 2	58	CONFLICT	EXTENDED	.8	SKIP
ENTRY 7477.00		TARGET 7472.75			STOP 7482.50	

The 30-second version

Think of AutoMTF as a live map of where price is pressing, defending, breaking, or reclaiming.

1 Find the level

Green support, red resistance, gray broken.

2 Check the tables

Consensus ranks levels. Readiness builds a plan.

3 Read the verdict

GOOD, CAUTION, EXTENDED, or SKIP.

TRADE READINESS						
SIDE	LINE	SETUP	LOCATION	CONFIRM	R:R	VERDICT
LONG	5 Min S	77	CONFLICT	EXTENDED	.9	SKIP
ENTRY 7472.25			TARGET 7477.00		STOP 7466.75	
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Start simple: MES on a 5-minute chart

The script is built for a 5-minute chart. Keep all five source timeframes on while learning: 5m, 15m, 30m, 1h, and 4h.

Chart

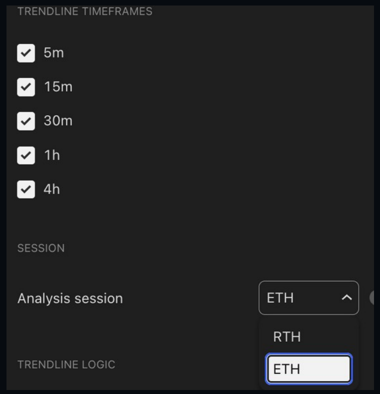
Use a regular 5-minute MES chart first.

Session

ETH is the default shown here. RTH is available when you only want regular-session structure.

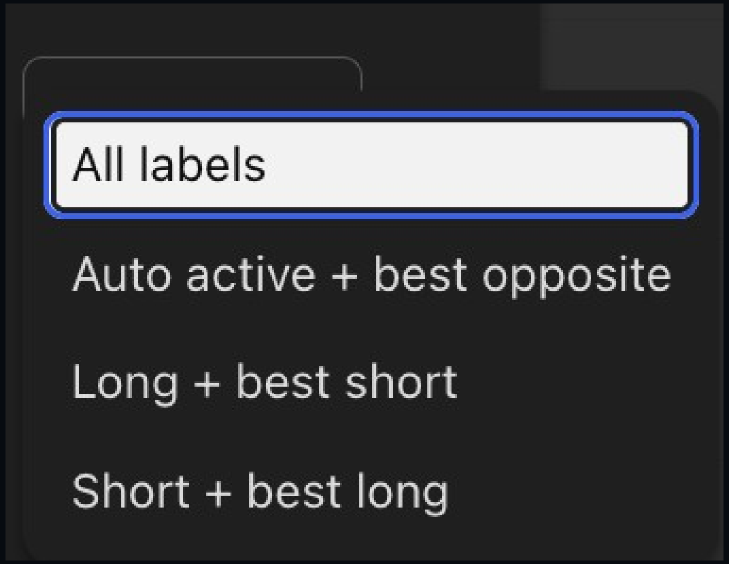
Settings

Leave tables, threat preview, labels, support, and resistance turned on while learning.



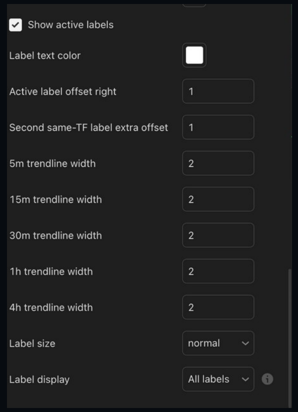
Default view: show the whole map

All Labels is the default. It can look busy at first, but it helps you learn what every line is doing.



Best beginner move

Leave All Labels on for learning. Once you understand the map, try Auto active + best opposite if you want less clutter.



First, see the full chart in one view

Do not start by reading every number. Start with the structure: green supports below, red resistance above, and gray broken lines in the background.

GREEN	active support
RED	active resistance
GRAY	broken / not currently valid

Benefit: the chart gives you context without manually drawing every trendline.

Green, red, gray: the visual language

Support A possible floor under price. It is where long setups are built.

Resistance A possible ceiling over price. It is where short setups are built.

Broken A line that price closed through beyond the buffer. It turns gray if shown.

Reclaimed A broken line that later returned to the valid side.

Small wick pokes are not the whole story; completed closes matter for the key decisions.

Labels tell you where a line came from

5 Min S	5-minute support
4 Hr R	4-hour resistance
R 2 / S 2	second valid line from that same timeframe and side
Reclaimed	was broken, then became valid again

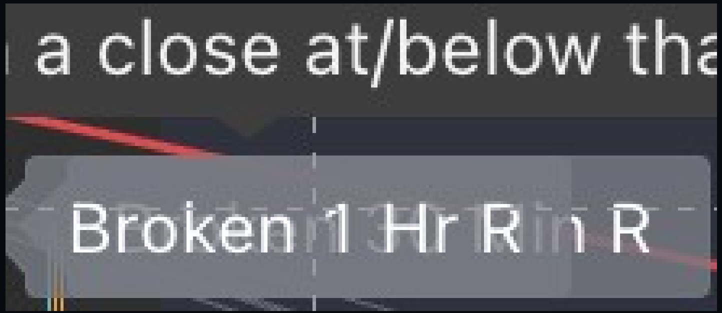
Translation rule: timeframe first, side second, status when needed.

Every line has a simple life cycle

A line is not just “there” forever. It has states, and those states change how you should read it.

NEW	ACTIVE	BROKEN	RECLAIMED
Confirms and appears	Acts as support or resistance	Closed through the buffer	Closed back to the valid side

Broken lines: why gray still matters



A broken line means price closed beyond the trendline's break reference. It is no longer active support/resistance, but it can still matter later if price returns.

Broken bars

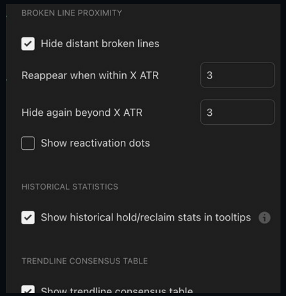
The tooltip tracks how long the line has been broken.

Reclaim price

The broken-line hover shows the approximate close price needed to become valid again.

Clutter control

Distant broken lines can hide and reappear near price.



Reclaimed lines: broken, then useful again

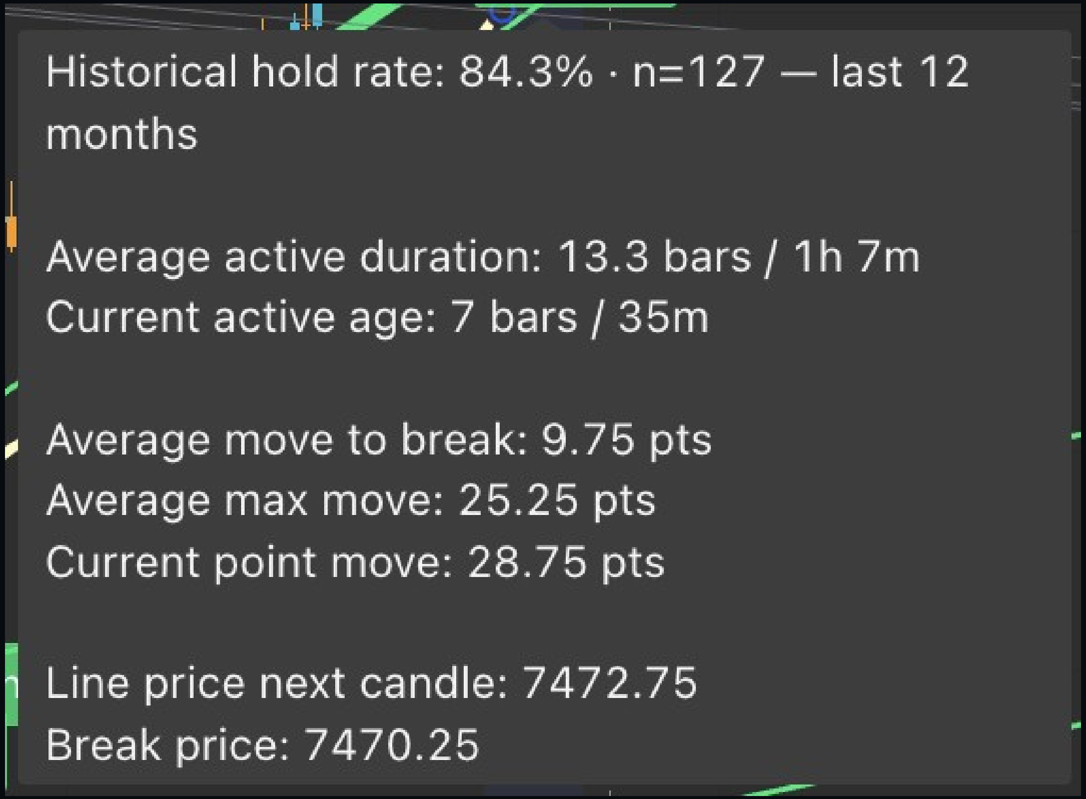
When price returns to the valid side after a break, the label can show Reclaimed. That line may participate again, but it is treated differently from a never-broken line.

Reclaimed returned to the valid side

× 0.92 reclaimed lines get a small score penalty

Simple read: valid again, but with a bit of caution baked into scoring.

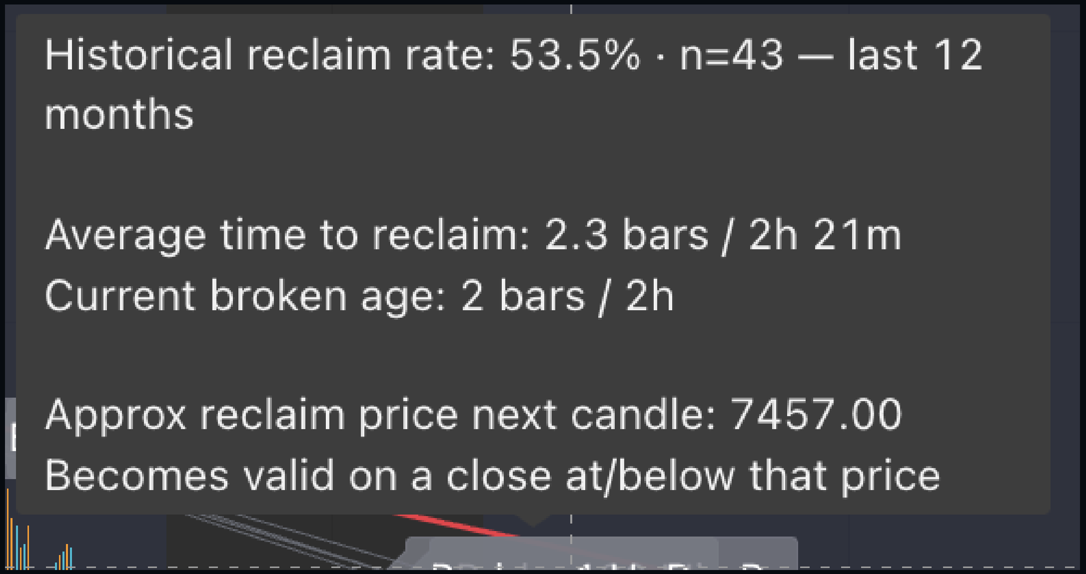
Hover over an active label for line history



Active-line tooltips explain how similar lines behaved before and where the next break reference is.

Hold rate	how often comparable lines held
n	resolved sample count
Age	current active age vs average
Move	current move vs historical moves
Break price	where the line would break

Hover over a broken label for reclaim info



Broken-line tooltips are different. They focus on whether broken levels usually reclaim, how long that takes, and what close would restore validity.

Reclaim rate how often broken lines returned

Broken age how long it has stayed broken

Approx price next close needed to reclaim

Benefit: gray lines become useful context instead of random clutter.

Consensus Table: what matters most?

Bias: Bullish 75 Bull / 25 Bear · 9 active					
LINE	DIST	HOLD	AGE NOW/AVG	MOVE NOW/AVG MAX	SCORE
5 Min S	-2.32	84%	7.00/13.31	28.75/25.21	77
4 Hr R	-4.76	46%	6.00/10.90	50.00/145.4	70
4 Hr R 2	+2.50	46%	14.00/10.93	88.50/145.4	69
1 Hr S	-89.28	60%	7.00/13.13	151.3/102.3	60
15 Min S	-62.15	81%	17.00/15.68	81.75/29.99	59
Reclaimed 4 Hr S	-50.76	57%	2.00/16.89	62.75/124.5	56

The top table ranks the strongest active support and resistance lines. It is context first, not a direct trade signal.

Top row directional context

Rows best lines by score

Score quality ranking

You are trying to answer: “Which levels matter right now?”

Bias row: context, not prophecy

The bias row totals the active support scores and active resistance scores, then shows which side has the clearer advantage.

Bullish	support side is leading
Bearish	resistance side is leading
Balanced	neither side has a strong edge
Active	how many valid lines are currently counted

Use bias as wind direction. Still wait for the readiness table before acting.

Consensus columns, in plain English

Bias: Bullish 75 Bull / 25 Bear · 9 active

LINE	DIST	HOLD	AGE NOW/AVG	MOVE NOW/AVG MAX	SCORE
5 Min S	-2.32	84%	7.00/13.31	28.75/25.21	77
4 Hr R	-4.76	46%	6.00/10.90	50.00/145.4	70
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Reclaimed 4 Hr S	-50.76	57%	2.00/16.89	62.75/124.5	56

LINE — which level this row describes

DIST — line price minus current price, in points

HOLD — historical hold rate for comparable lines

AGE NOW/AVG — current age vs average active duration

MOVE NOW/AVG MAX — current move vs average best move before break

SCORE — overall line-quality ranking

Read left to right. Then use SCORE as the quick summary.

How HOLD% is calculated

HOLD% records what happened first after comparable historical lines were touched: a useful reaction or a break.

Think of it as a race: reaction or break?

Start
first touch

Watch
up to 10 bars

Outcome A
0.5 ATR reaction = hold win

Outcome B
line breaks first = hold loss

Calculate
HOLD%

What counts as a hold win?

Support: price reaches line + 0.5 ATR before a buffered break.
Resistance: price reaches line - 0.5 ATR before a buffered break.

Unresolved tests are excluded from HOLD%.

Formula

HOLD% = hold wins ÷ resolved first-touch tests

Example: 85% HOLD means similar resolved tests reacted before breaking 85% of the time.

Not the same as trade win rate.

How historical backtest matching works

AutoMTF compares the current line only with historical lines that are structurally similar — not with every line ever drawn.

Same timeframe | **Same** side | **Normalized** slope | **0.05 ATR/bar** bucket | **Rolling** history

What “comparable” means

Same source timeframe: 5m compares with 5m, 1h with 1h.
Same side: support compares with support; resistance with resistance.
Similar normalized slope: price change ÷ ATR ÷ bars between pivots.
Same 0.05 ATR-per-bar slope bucket.

The current line’s own result is excluded from the stat shown for itself.

Why not visual angle?

A line can look steeper or flatter when you zoom, resize the chart, or change the price scale.

ATR-normalized slope avoids that problem, so the history is grouped mathematically instead of by screen appearance.

Plain logic: “show me how similar lines behaved in the past” means same timeframe, same side, and same normalized steepness — not the angle your eyes see after zooming.

Plain-English version: what these two slides really mean

This is the simple version you can remember while using the chart.

1) HOLD% = reaction history

Price touched similar lines in the past.
AutoMTF checked whether price reacted 0.5 ATR before breaking.
Higher HOLD% means similar lines reacted more often.
85% HOLD is better than 30% HOLD, assuming sample size is reasonable.
It is not a promise that this trade wins.

2) Historical match = similar structure

It does not use every old trendline.
It matches timeframe, side, and normalized slope bucket.
Visual chart angle is ignored because zoom and scaling can change it.
That makes the backtest comparison more objective.

Takeaway: HOLD% is a reaction-rate stat from mathematically similar trendlines, not a screen-angle guess and not a trade-win probability.

SCORE ranks quality — it is not the entry button

A high score means a line compares well on history, distance, freshness, move maturity, and timeframe weight.

History **Distance** **Age** **Move** **Timeframe**

Bias: Bullish 75 Bull / 25 Bear · 9 active

LINE	DIST	HOLD	AGE NOW/AVG	MOVE NOW/AVG MAX	SCORE
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Reclaimed 4 Hr S	-50.76	57%	2.00/16.89	62.75/124.5	56

Important: if a trendline is bold, that is the selected line the Readiness plan is currently using. The score ranks quality; the bold line marks the active long/short setup reference.

How to read one Consensus row

Bias: Bullish 75 Bull / 25 Bear · 9 active					
LINE	DIST	HOLD	AGE NOW/AVG	MOVE NOW/AVG MAX	SCORE
5 Min S	-2.32	84%	7.00/13.31	28.75/25.21	77
4 Hr R	-4.76	46%	6.00/10.90	50.00/145.4	70
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Reclaimed 4 Hr S	-50.76	57%	2.00/16.89	62.75/124.5	56

Example: 5 Min S is nearby, has an 84% historical hold rate, and has already moved farther than its average break move.

Quick read

Strong support context, but the current move may already be mature. That is why you still check Readiness.

Benefit: the row saves you from guessing which line is worth paying attention to.

Trade Readiness: can I act now?

TRADE READINESS						
SIDE	LINE	SETUP	LOCATION	CONFIRM	R:R	VERDICT
LONG	5 Min S	77	CONFLICT	EXTENDED	.9	SKIP
ENTRY 7472.25		TARGET 7477.00			STOP 7466.75	
SHORT	4 Hr R 2	58	CONFLICT	EXTENDED	.8	SKIP
ENTRY 7477.00		TARGET 7472.75			STOP 7482.50	

The bottom table builds one long reference and one short reference from the closest active/reclaimed line on each side. The bold trendline on the chart is the selected line for the current Readiness plan.

Long closest support plan

Short closest resistance plan

Plan entry, target, stop, and R:R together

It is an analytical setup reference, not an auto-trade or guarantee.

LONG and SHORT are separate plans

TRADE READINESS						
SIDE	LINE	SETUP	LOCATION	CONFIRM	R:R	VERDICT
LONG	5 Min S	77	CONFLICT	EXTENDED	.9	SKIP
ENTRY 7472.25		TARGET 7477.00			STOP 7466.75	
SHORT	4 Hr R 2	58	CONFLICT	EXTENDED	.8	SKIP
ENTRY 7477.00		TARGET 7472.75			STOP 7482.50	

SIDE which direction the reference plan is for

LINE which level the plan is built from

SETUP line quality blended with directional consensus

VERDICT final plain-language status

A long can be unusable while a short is still developing, or the other way around. Do not force both sides to agree.

ENTRY, TARGET, STOP, and R:R belong together

TRADE READINESS						
SIDE	LINE	SETUP	LOCATION	CONFIRM	R:R	VERDICT
LONG	5 Min S	77	CONFLICT	EXTENDED	.9	SKIP
ENTRY 7472.25		TARGET 7477.00			STOP 7466.75	
SHORT	4 Hr R 2	58	CONFLICT	EXTENDED	.8	SKIP
ENTRY 7477.00		TARGET 7472.75			STOP 7482.50	

ENTRY selected line's projected price

TARGET historical expected move, possibly capped by an opposing line

STOP beyond the break reference by ATR logic

R:R reward divided by risk

Never use one number alone. The tool is trying to turn a nearby line into a complete risk plan.

Minimum GOOD R:R is 1.0 in the current logic.

LOCATION keywords: where is price?

LOCATION tells you whether price is actually near the selected setup area, crowded between both sides, or too far away.

- **AT SUPPORT** — long side is close enough to support
- **AT RESISTANCE** — short side is close enough to resistance
- **BETWEEN LEVELS** — there is a plan, but price is not at the setup area yet
- **CONFLICT** — support and resistance are both close; the chart is crowded
- **EXTENDED** — price is too far from the setup area

TRADE READINESS						
SIDE	LINE	SETUP	LOCATION	CONFIRM	R:R	VERDICT
LONG	5 Min S	77	CONFLICT	EXTENDED	.9	SKIP
ENTRY 7472.25			TARGET 7477.00		STOP 7466.75	
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ENTRY 7477.00			TARGET 7472.75		STOP 7482.50	

CONFIRM keywords: what did the candle do?

CONFIRM is about completed-candle behavior whenever possible. It tells you whether price merely reached the level or actually confirmed a response.

WAITING	no completed confirmation yet
TOUCHING	current candle is touching the setup area
REJECTION	touched the level, then closed away from it
RECLAIM	closed back to the valid side after being on the wrong side
BREAKOUT	closed through the target side
FAILED	closed beyond the break reference
EXTENDED	move is already late versus history

VERDICT keywords: the final read

The verdict is the final plain-English read of the current long or short reference. It helps you decide whether the plan is ready, incomplete, stretched, or unusable.

GOOD setup score, location, confirmation, and R:R qualify

CAUTION something useful is present, but at least one requirement is not clean

EXTENDED valid setup, but the move is already stretched and may be late

SKIP plan is missing, failed, too far, or has R:R below the minimum

TRADE READINESS						
SIDE	LINE	SETUP	LOCATION	CONFIRM	R:R	VERDICT
LONG	5 Min S	77	CONFLICT	EXTENDED	.9	SKIP
ENTRY 7472.25			TARGET 7477.00		STOP 7466.75	
SHORT	4 Hr R 2	58	CONFLICT	EXTENDED	.8	SKIP
ENTRY 7477.00			TARGET 7472.75		STOP 7482.50	

SKIP means the plan is not usable right now

TRADE READINESS						
SIDE	LINE	SETUP	LOCATION	CONFIRM	R:R	VERDICT
LONG	5 Min S	77	CONFLICT	EXTENDED	.9	SKIP
ENTRY 7472.25		TARGET 7477.00			STOP 7466.75	
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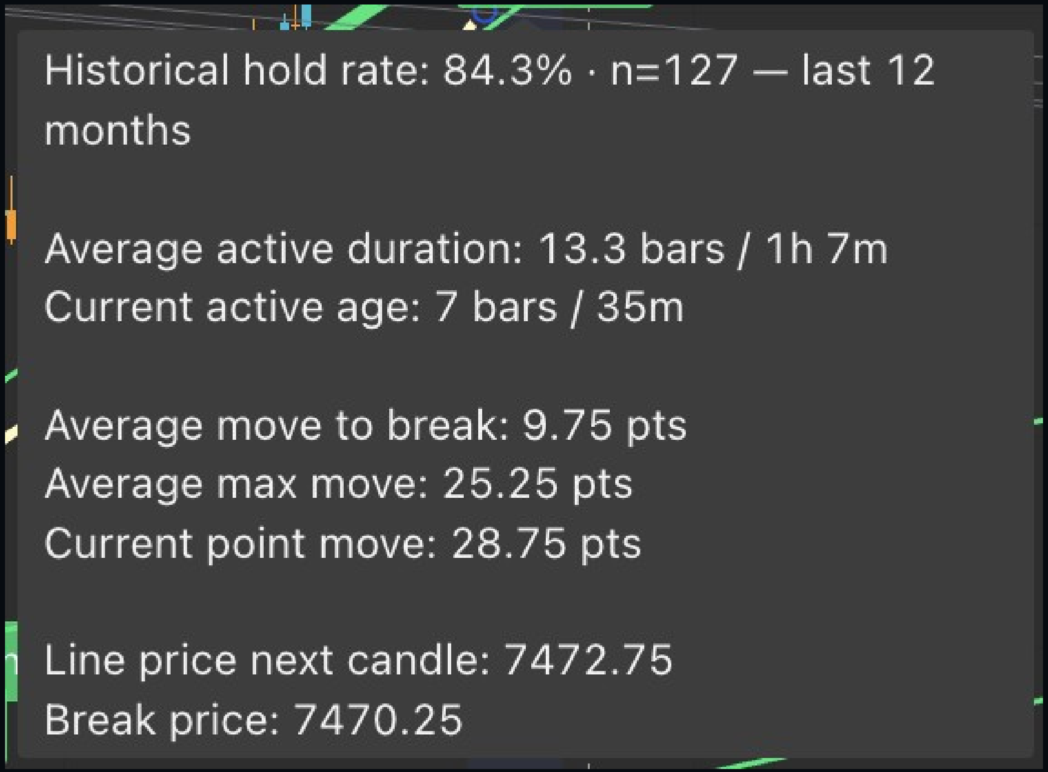
ENTRY 7477.00		TARGET 7472.75			STOP 7482.50	

SKIP is not “bad indicator.” It usually means the rules refuse to build or endorse the plan at that moment.

- **No plan** — entry, target, or stop is missing
- **Too far** — price is at least 1 ATR from the setup area
- **Failed** — completed candle broke the line reference
- **Low R:R** — reward:risk is below 1.0

Benefit: SKIP helps stop random trades from being dressed up as plans.

EXTENDED means valid, but possibly late



EXTENDED means the setup can still be valid, but price has already traveled a large part of that line's historical expected move.

Plain meaning

The opportunity may still be real, but the cleanest entry may have already passed.

What to do

Slow down. Treat it as a late-entry warning and check location, confirmation, stop, target, and R:R together.

Threat preview: early opposing level warning

A potential opposing trendline can appear before it becomes confirmed. Treat it as a warning, not a settled level.

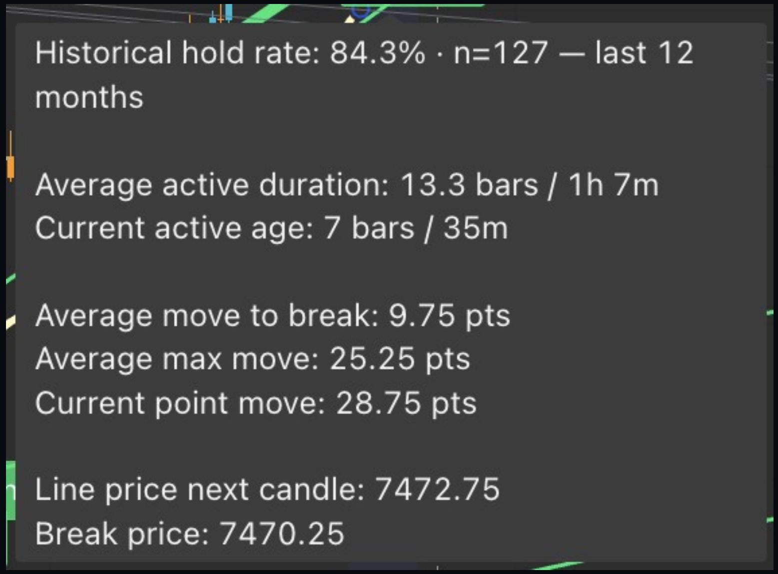
Potential R	possible resistance threatening a long
Potential S	possible support threatening a short
Dashed	unconfirmed and can move or disappear

Benefit: you get a heads-up before a target gets crowded by new opposing structure.

N/A and low sample are caution labels

N/A usually means there is not enough usable comparable history for that exact line type yet. It is not automatically a bug.

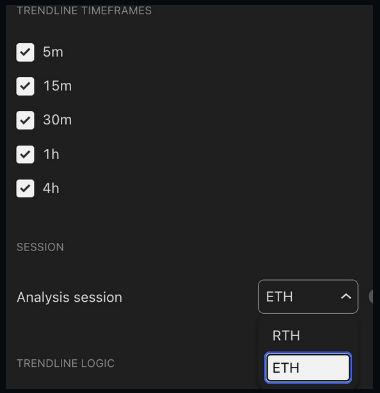
N/A	missing usable history or missing plan value
n	how many resolved samples support the statistic
Low sample	history exists, but not enough to trust heavily
Window	selected lookback period, such as last 12 months

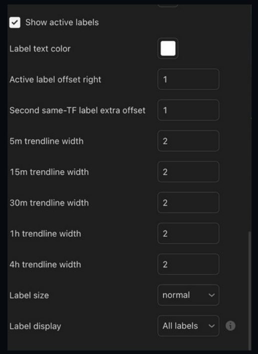


Recommended beginner settings

These match the current onboarding setup you provided.
They keep the tool honest while you learn the map.

Timeframes	5m, 15m, 30m, 1h, 4h all on
Labels	All Labels default
Broken lines	gray, hidden when distant, reappear near price
Tables	Consensus and Setup Quality on
Threats	potential opposing threat and labels on





Quick troubleshooting: active line not visible

If the table says a line is active but you do not see it on the chart, zoom out or scroll left until the beginning of that trendline is visible.

1 Zoom out

Make more history visible on the chart.

2 Find the anchor

Bring the beginning of the trendline onto the screen.

3 Zoom back in

Once the line renders, return to your normal view.

Plain meaning: the line can be valid, but TradingView may not draw the visible segment until its starting anchor is inside the chart view.

Learn it in three short passes

PASS 1 Read only line color, label, and whether it is active, broken, or reclaimed.

PASS 2 Use Consensus for context, then Readiness for the actual long/short plan.

PASS 3 Hover labels and table cells to learn the statistics behind the line.

Best habit: line → table → verdict → complete plan. Do not skip the plan numbers.

One-slide cheat sheet

Green	support / long-side structure
Red	resistance / short-side structure
Gray	broken line
Reclaimed	broken line that returned valid

Consensus	what levels matter most
Readiness	can the long/short plan qualify now?
GOOD	ready by the rules
CAUTION	something is useful but incomplete
EXTENDED	valid but stretched / possibly late
SKIP	no usable plan right now

Bold line = selected Readiness line. Use entry + target + stop + R:R together.

Open MES. Use 5 minutes. Read the map first.

Then follow the same order every time: line → Consensus → Readiness → complete plan.

Whop access: https://whop.com/automtf/automtf-b1/

Educational decision support only. Futures trading involves risk. The indicator does not control order size, execution, or losses.