

# Technical Analysis Dashboard v4.30

---

## Strategy 1: "1. Forex AGGRESSIVE Trend-Following"

### 1. Aggressive Scalping (S1)

- **Components:** Moving Average and RSI.
- **MA Settings:** 20 EMA.
- **RSI Settings:** Period 7, Mode = **Reversal**, Bands at **50 / 50**.
- **Timeframe:** M5
- **Signal Mode:** State Based

### How It Will Behave (The Rule Set)

This strategy uses a single MA as a basic trend filter and a very fast RSI crossover of the 50-level as its entry trigger.

- **BUY Signal Rule:**
  1. **Trend Context:** The price must be **ABOVE the 20 EMA**.
  2. **Entry Trigger:** The 7-period RSI must **cross back UP from BELOW 50**.
- **SELL Signal Rule:**
  1. **Trend Context:** The price must be **BELOW the 20 EMA**.
  2. **Entry Trigger:** The 7-period RSI must **cross back DOWN from ABOVE 50**.

### Discussion & Analysis

- **Philosophy:** This is a pure momentum-shift strategy designed for high-frequency trading. The 20 EMA provides a simple, dynamic bias: "Are we generally heading up or down right now?" The strategy then ignores all other indicators and focuses intensely on one thing: the exact moment short-term momentum shifts, as defined by the RSI crossing its centerline. It's designed to catch the very first spark of a micro-move.
- **Strengths:**
  - **Extremely Fast:** Using a 7-period RSI on an M5 chart makes this one of the fastest-reacting strategies possible. It will generate signals very early in a move.
  - **High Activity:** It will find numerous trading opportunities during active market sessions, which is ideal for a scalper's mindset.
  - **Clear Logic:** The rules are simple and unambiguous, allowing for rapid decision-making.

- **Weaknesses / Things to Watch for:**

- **Highly Susceptible to Whipsaws:** Its speed is its greatest weakness. In a choppy, non-trending market, the price and RSI will oscillate around the 20 EMA and the 50-level, generating a series of small, frustrating losses.
- **No Strength Confirmation:** It does not measure *how strong* the momentum is, only that it has shifted. A weak crossover can easily fail. It relies on the scalper to manage trades actively.

## 2. Aggressive Daytrading (S2)

- **Components:** Two Moving Averages and RSI.
- **MA Settings:** 20 EMA and 50 EMA.
- **RSI Settings:** Period 14, Mode = **Trend**, Bands at **65 / 35**.
- **Timeframe:** H1
- **Signal Mode:** State Based

### How It Will Behave (The Rule Set)

This is a classic continuation or "breakout" strategy. It waits for the trend to be established and then joins the move when momentum is proven to be exceptionally strong.

- **BUY Signal Rule:**
  1. **Trend Alignment:** Price must be **ABOVE the 20 EMA AND ABOVE the 50 EMA**.
  2. **Momentum Trigger:** The 14-period RSI must be **ABOVE 65**.
- **SELL Signal Rule:**
  1. **Trend Alignment:** Price must be **BELOW the 20 EMA AND BELOW the 50 EMA**.
  2. **Momentum Trigger:** The 14-period RSI must be **BELOW 35**.

### Discussion & Analysis

- **Philosophy:** This strategy operates on the principle of "strength begets strength." It doesn't try to predict bottoms or tops. Instead, it waits for the market to show a clear, unified trend (via the 20/50 EMA alignment) and then waits for an explosive push of momentum (RSI > 65). The core idea is to join a trend that is already in progress and demonstrating significant power.
- **Strengths:**
  - **Catches Strong Moves:** When a currency pair makes a strong, directional move for the day, this strategy is designed to capture the most powerful leg of that move.

- **Avoids Counter-Trend Traps:** By strictly following the alignment of two MAs, it will never try to buy in a clear downtrend or sell in an uptrend.
- **Clear Confirmation:** An RSI reading above 65 is a strong, undeniable signal of bullish dominance, reducing ambiguity.
- **Weaknesses / Things to Watch for:**
  - **Buying High, Selling Low:** By its very nature, it will always enter a trade after a significant move has already occurred. The risk is buying near a short-term top right before a pullback.
  - **Can Suffer in "Slow Grind" Trends:** If a trend moves up slowly without a strong momentum push, the RSI might never reach the 65 level, causing the strategy to miss the entire move.

### 3. Aggressive Swing Trading (S3)

- **Components:** Moving Average and CCI.
- **MA Settings:** 50 SMA (Simple Moving Average)
- **CCI Settings:** Period 50, Mode = **Trend**, Bands at **100 / -100**.
- **Timeframe:** D1 (Daily)
- **Signal Mode:** State Based

#### How It Will Behave (The Rule Set)

This strategy uses a major daily moving average to define the long-term landscape and a powerful CCI signal to enter with force.

- **BUY Signal Rule:**
  1. **Macro Trend:** The price must be **ABOVE the 50 SMA** on the Daily chart.
  2. **Breakout Trigger:** The 50-period CCI must **cross ABOVE +100**.
- **SELL Signal Rule:**
  1. **Macro Trend:** The price must be **BELOW the 50 SMA** on the Daily chart.
  2. **Breakout Trigger:** The 50-period CCI must **cross BELOW -100**.

#### Discussion & Analysis

- **Philosophy:** This is a swing trader's breakout strategy. The 50 SMA on the daily chart is a widely watched level that defines the medium-to-long-term trend. The strategy uses this as its only bias. The entry trigger—a 50-period CCI crossing the 100-level—is a signal of exceptionally strong momentum over the last two months of trading. It's designed to enter when the market makes a decisive, powerful move in the direction of the established trend.

- **Strengths:**
  - **Trades with Major Market Flow:** By keying off the 50 SMA on the daily chart, it aligns itself with the dominant, institutional trend.
  - **High-Impact Entries:** A CCI(50) cross of the 100-level is not a subtle event; it signifies a major shift in market psychology and momentum, often leading to significant follow-through.
  - **Simplicity and Power:** It uses only two, very powerful concepts, making it robust and easy to understand.
- **Weaknesses / Things to Watch for:**
  - **Infrequent Signals:** This is a very patient strategy. You may go many weeks or even months without a signal on a single pair.
  - **Large Stop-Loss Requirements:** Entering on such a strong momentum signal means the price is already volatile. This will often require a wider stop loss than a pullback-based strategy.

---

## Strategy 2: "2. Forex CONSERVATIVE Trend-Following"

### 1. Conservative Scalping (S1)

- **Components:** Moving Average and ADX.
- **MA Settings:** 20 EMA.
- **ADX Settings:** Period 14, Level 25.
- **Timeframe:** M15
- **Signal Mode:** Event Based

#### How It Will Behave (The Rule Set)

This is a "sniper" strategy for scalpers. It uses the ADX as a strict "market condition" filter, only allowing trades when the market is confirmed to be in a strong, directional state.

- **BUY Signal Rule:**
  1. **Trend Context:** The price must be **ABOVE the 20 EMA**.
  2. **Strength Filter:** The 14-period ADX must be **ABOVE 25**.
- **SELL Signal Rule:**
  1. **Trend Context:** The price must be **BELOW the 20 EMA**.
  2. **Strength Filter:** The 14-period ADX must be **ABOVE 25**.

#### Discussion & Analysis

- **Philosophy:** The core philosophy is "No Trend, No Trade." This strategy recognizes that the majority of scalping losses come from trading in choppy, low-volatility, ranging markets. The ADX filter acts as a gatekeeper, shutting the strategy down completely during these unfavorable conditions. It forces the scalper to wait for high-probability environments, such as the breakout after a news event or during the high-volume London/NY session overlap.
- **Strengths:**
  - **Excellent Chop Filter:** Its primary strength is its ability to filter out the noise and whipsaw that plagues most aggressive scalping systems. This dramatically improves the quality of signals.
  - **Capital Preservation:** By staying flat during unfavorable conditions, it protects trading capital and reduces the psychological fatigue of over-trading.
  - **Focuses on A+ Setups:** It forces the trader to focus only on the best, most directional moves of the day.
- **Weaknesses / Things to Watch for:**
  - **Patience Required:** This is a conservative strategy, even for a scalper. There will be long periods, especially during the Asian session, where it generates no signals at all.
  - **ADX Lag:** The ADX is a lagging indicator. The strategy may enter a strong move slightly after it has begun.

## 2. Conservative Daytrading (S2)

- **Components:** Moving Average and RSI.
- **MA Settings:** 100 EMA.
- **RSI Settings:** Period 14, Mode = **Reversal**, Bands at **70 / 30**.
- **Timeframe:** H1
- **Signal Mode:** Event Based

### How It Will Behave (The Rule Set)

This is the classic "buy the dip in a confirmed uptrend" strategy. It uses a long-term MA to define the only acceptable trade direction and then waits patiently for a low-risk entry point.

- **BUY Signal Rule:**
  1. **Master Trend:** The price must be **ABOVE the 100 EMA**.
  2. **Entry Trigger:** The 14-period RSI, having been in oversold territory (<30), must **cross back UP above 30**.
- **SELL Signal Rule:**

1. **Master Trend:** The price must be **BELOW the 100 EMA**.
2. **Entry Trigger:** The 14-period RSI, having been in overbought territory ( $>70$ ), must **cross back DOWN below 70**.

### Discussion & Analysis

- **Philosophy:** This strategy combines two powerful trading tenets: "The trend is your friend" and "Buy low, sell high." The 100 EMA on the H1 chart acts as a robust filter for the dominant intraday trend. By refusing to take any signal that goes against this MA, the strategy avoids the most dangerous trades. It then waits for the price to pull back to a point of short-term exhaustion (RSI oversold/overbought) before entering, providing a much better risk-to-reward entry than chasing breakouts.
- **Strengths:**
  - **Superior Risk Management:** Entering on a pullback inherently provides a more favorable entry price and a more logical location for a stop-loss (e.g., just below the recent swing low).
  - **High Probability:** The combination of trading with the dominant trend and entering on a confirmed reversal from an extreme is a very high-probability setup.
  - **Reduces "Fear of Missing Out" (FOMO):** It trains the trader to wait for the price to come to them, rather than chasing moves that have already happened.
- **Weaknesses / Things to Watch for:**
  - **Can Miss V-Shaped Rallies:** In extremely strong, parabolic trends, the price may not pull back enough for the RSI to become oversold, causing the strategy to miss the entire move.
  - **Failed Pullbacks:** In a weakening trend, a pullback may fail to reverse and instead signal the start of a larger trend change against the 100 EMA.

### 3. Conservative Swing Trading (S3)

- **Components:** Two Moving Averages and ADX.
- **MA Settings:** 50 SMA and 200 SMA.
- **ADX Settings:** Period 14, Level 25.
- **Timeframe:** D1 (Daily)
- **Signal Mode:** Event Based

### How It Will Behave (The Rule Set)

This is an institutional-grade, multi-filtered strategy designed to only participate in the most powerful and established secular trends.

- **BUY Signal Rule:**
  1. **Long-Term Trend:** The price must be **ABOVE** the 200 SMA.
  2. **Medium-Term Trend:** The price must be **ABOVE** the 50 SMA.
  3. **Trend Strength:** The 14-period ADX must be **ABOVE** 25.
- **SELL Signal Rule:**
  1. **Long-Term Trend:** The price must be **BELOW** the 200 SMA.
  2. **Medium-Term Trend:** The price must be **BELOW** the 50 SMA.
  3. **Trend Strength:** The 14-period ADX must be **ABOVE** 25.

### Discussion & Analysis

- **Philosophy:** This strategy is the embodiment of conservative, long-term trend following. It demands an overwhelming confluence of evidence before committing capital. The 200-day SMA defines the secular bull/bear market. The 50-day SMA confirms that the medium-term trend is aligned. Finally, the ADX acts as the ultimate confirmation, ensuring that this aligned trend has genuine power and is not just drifting sideways. It's designed to ignore all short-term noise and focus only on major, multi-month economic cycles.
- **Strengths:**
  - **Maximum Confirmation:** By requiring three powerful, slow-moving indicators to agree, it filters out almost all false signals and weak trends. The probability of being on the right side of the major market move is extremely high.
  - **"Set and Forget" Potential:** Signals are so infrequent and occur in such strong trends that they are well-suited for a long-term, low-maintenance trading style.
  - **Psychologically Sound:** It removes the temptation to over-trade or get caught up in daily volatility, forcing a disciplined, long-term perspective.
- **Weaknesses / Things to Watch for:**
  - **Extremely Lagging:** This strategy will be the very last to enter a new trend and the last to exit. It will miss huge portions of the beginning and end of a trend. Its goal is only to capture the strong, stable middle.
  - **Very Few Signals:** A trader might only get one or two signals per year on a given currency pair with this strategy. It is a test of extreme patience.