True Strength Index (TSI)

everget WIZARD · Şub 12, 2021

EURUSD · 4s · FXCM · TradingView A1.21268 Y1.21374 D1.21233 K1.21314 +0.00046 (+0.04%) USD

TSI 25 13 13

TSI 25 13 13 close 40 -40 75 -75

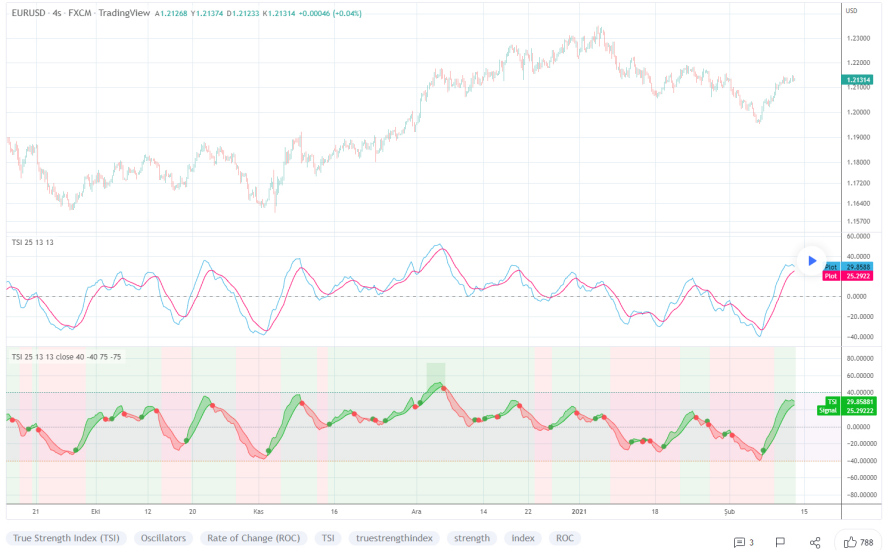True Strength Index (TSI)   Oscillators   Rate of Change (ROC)   TSI   truestrengthindex   strength   index   ROC

💬 3   🚩   🔗   👍 788

User request. A tuned version of the built-in True Strength Index (TSI) indicator with the following options included:

- TSI - Signal Histogram
- TSI/Signal Crossovers
- TSI/Signal Ribbon
- Bands breakouts highlighting
- Zero line crossovers background

Freelance -> Telegram: @alex_everget

A list of Free indicators:
https://bit.ly/2S7EPuN

A list of Paid indicators:
https://bit.ly/33MA8lf

Earn $30:
https://www.tradingview.com/gopro/?share_your_love=everget

🌐 Website

Açık kaynak kodlu komut dosyası ⓘ

Gerçek TradingView ruhuyla, bu betiğin yazarı, yatırımcının anlayabilmesi ve doğrulayabilmesi için onu açık kaynak olarak yayınladı. Yazarın eline sağlık! Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yayında yeniden kullanımı Kullanım Koşulları ile yönetilir. Bir grafikte kullanmak için favorilere ekleyebilirsiniz.

Feragatname

Bilgiler ve yayınlar, TradingView tarafından sağlanan veya onaylanan finansal, yatırım, işlem veya diğer türden tavsiye veya tavsiyeler anlamına gelmez ve teşkil etmez. Kullanım Şartları'nda daha fazlasını okuyun.

Bu komut dosyasını bir grafikte kullanmak ister misiniz? ⓘ

⭐ Favori göstergelere ekle

```
1   //@version=4
2   // Copyright (c) 2021-present, Alex Orekhov (everget)
3   study("True Strength Index", shorttitle="TSI")
4
5   longLength = input(title="Long Length", type=input.integer, defval=25)
6   shortLength = input(title="Short Length", type=input.integer, defval=13)
7   signalLength = input(title="Signal Length", type=input.integer, defval=13, minval=1)
8   src = input(title="Source", type=input.source, defval=close)
9
10  obLevel = input(title="Overbought Level", type=input.integer, defval=40)
11  osLevel = input(title="Oversold Level", type=input.integer, defval=-40)
12  maxLevel = input(title="Max Level", type=input.integer, defval=75)
13  minLevel = input(title="Min Level", type=input.integer, defval=-75)
14  showHistogram = input(title="Show Histogram ?", type=input.bool, defval=false)
15  highlightBreakouts = input(title="Highlight Overbought/Oversold Breakouts ?", type=input.bool, defval=true)
16  highlightCrossovers = input(title="Highlight TSI/Signal Crossovers ?", type=input.bool, defval=true)
17  highlightZeroCrossovers = input(title="Highlight Zero Line Crossovers ?", type=input.bool, defval=true)
18  applyRibbonFilling = input(title="Apply Ribbon Filling ?", type=input.bool, defval=true)
19
20  mom = change(src)
21  numerator = ema(ema(mom, longLength), shortLength)
22  denominator = ema(ema(abs(mom), longLength), shortLength)
23  tsi = 100 * numerator / denominator
24  signal = ema(tsi, signalLength)
25
26  trendColor = tsi > signal ? #0ebb23 : color.red
27  tsiColor = applyRibbonFilling ? trendColor : #ff3e7d
28  signalColor = applyRibbonFilling ? trendColor : #3c78d8
29
30  tsiPlot = plot(tsi, title="TSI", color=tsiColor, transp=0)
31  signalPlot = plot(signal, title="Signal", color=signalColor, transp=0)
32
33  hist = tsi - signal
34  histColor = hist >= 0 ? hist[1] < hist ? #26A69A : #B2DFDB : hist[1] < hist ? #FFCDD2 : #EF5350
35  plot(showHistogram ? hist : na, title="Histogram", style=plot.style_columns, color=histColor, transp=0)
36
37  var color noneColor = color.new(color.white, 100)
38
39  maxLevelPlot = hline(maxLevel, title="Max Level", linestyle=hline.style_dotted, color=noneColor)
40  obLevelPlot = hline(obLevel, title="Overbought Level", linestyle=hline.style_dotted, color=#00796b)
41  hline(0, title="Zero Level", linestyle=hline.style_dotted, color=#989898)
42  osLevelPlot = hline(osLevel, title="Oversold Level", linestyle=hline.style_dotted, color=#f57f17)
43  minLevelPlot = hline(minLevel, title="Min Level", linestyle=hline.style_dotted, color=noneColor)
44  fill(obLevelPlot, osLevelPlot, title="Middle Zone", color=color.purple, transp=95)
45
46  obFillColor = tsi > obLevel and highlightBreakouts ? color.green : noneColor
47  osFillColor = tsi < osLevel and highlightBreakouts ? color.red : noneColor
48
49  fill(maxLevelPlot, obLevelPlot, title="Overbought Level Breakout", color=obFillColor, transp=85)
50  fill(minLevelPlot, osLevelPlot, title="Oversold Level Breakout", color=osFillColor, transp=85)
51
52  fillColor = applyRibbonFilling ? trendColor : noneColor
53  fill(tsiPlot, signalPlot, title="Ribbon", color=fillColor, transp=70)
54
55  zeroCrossBgColor = highlightZeroCrossovers ? (tsi > 0 ? color.green : color.red) : noneColor
56  bgcolor(zeroCrossBgColor, title="Zero Line Crossover Background", transp=90)
57
58  plotshape(highlightCrossovers and crossover(tsi, signal) ? tsi : na, title="TSI/Signal Crossover", location=location.absolute, style=shape.circle, size=size.tiny, color=color.green, transp=0)
59  plotshape(highlightCrossovers and crossunder(tsi, signal) ? tsi : na, title="TSI/Signal Crossunder", location=location.absolute, style=shape.circle, size=size.tiny, color=color.red, transp=0)
60
```

Yorumlar

🕐 ↻

Yararlı veya teşvik edici bir yorum bırakın. Piyasalara birlikte hakim olalım.

⚡ Alkışlarla yorum   Yorum Paylaş

E electricalRhin63430 · Mar 16, 2021 💬 🚩

Hello. Do you have the code for prorealtime please?

hello, do you have to code for profeatline please?

+1 ▲ Cevap Gönder

everget `WIZARD` · Mar 18, 2021 ⬚ ⚑

@electricalRhin63430, Hello, I don't have unfortunately

▲ Cevap Gönder

Z **zenith7** · May 11, 2021 ⬚ ⚑

Great indicator everget! Can you please add bar colors to this indicator?!?! This will help me out a lot! Thanks in advance!!

▲ Cevap Gönder