



S-Trader





TVI | Trade Volume Index

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Description

The Trade Volume Index (TVI) leverages intraday market data to show whether a security is being accumulated (purchased) or distributed (sold). The Trade Volume Index assumes that higher prices represent buy orders while lower prices are sell orders.

Formula

Step 1: Calculate

Parameters

Source	Any price source (O, H, L, C, Vol, OI) or any other built-in or custom study
Minimum Tick Value	Any tick value

Output value(s)

There is one output value resulting from the formula, the Trade Volume Index.

Plot

The plot is in a separate panel at the bottom.



Quant Script™ Syntax

Short Form	<i>TVI</i> (Source, Minimum Tick Value)
Long Form	<i>TradeVolumeIndex</i> (Source, Minimum Tick Value)

Dialogs

Chart Study Dialog

Trade Volume Index [X]

Indicator Parameters

Source: ESM8.close

minTickValue: 0.50000

Symbol: ESM8

Series Configuration

Main: Line

Style: Solid

Width: 3

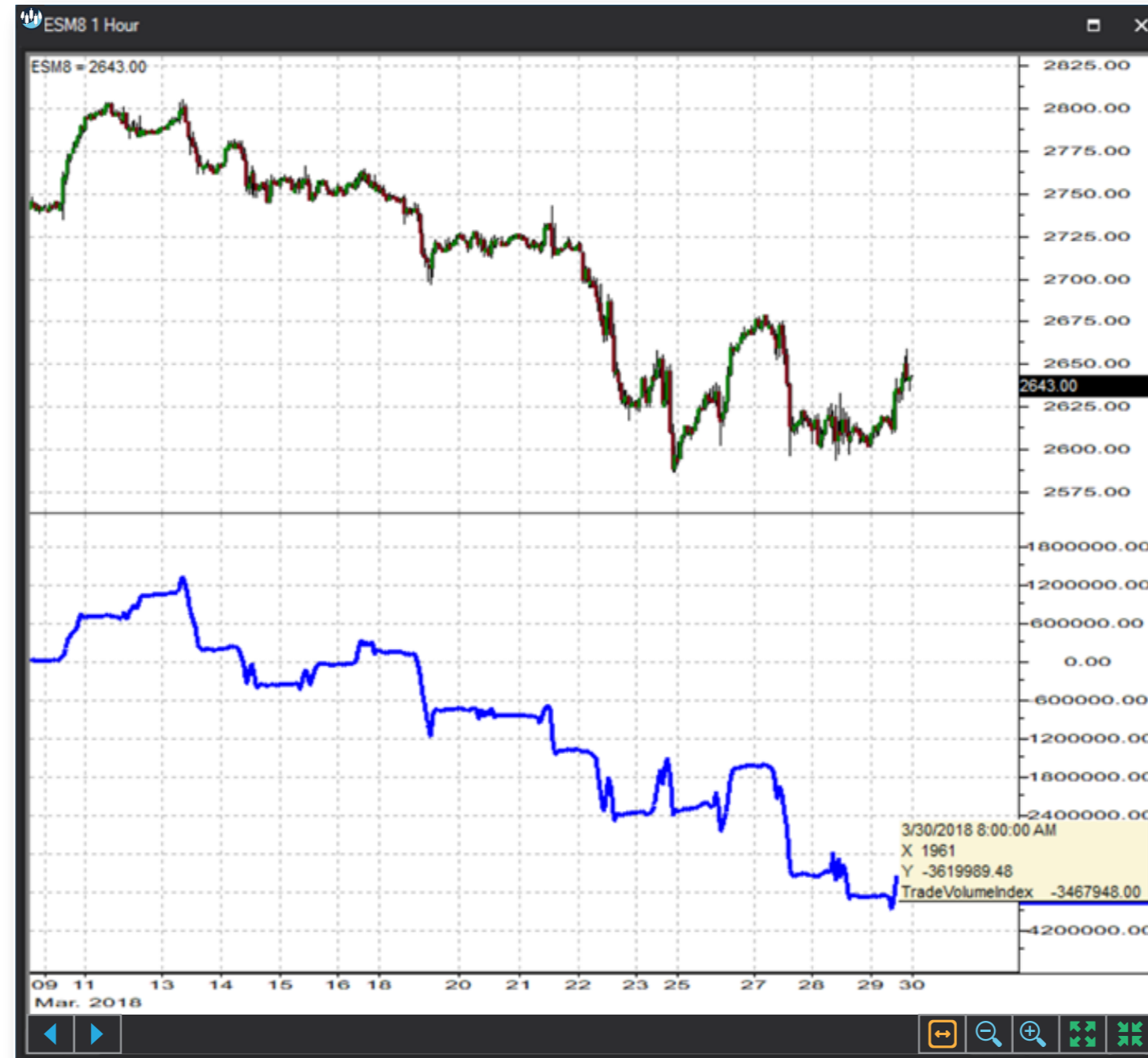
Color: Blue

Save as Default Setting

Add Cancel



Sample Chart With Study





Quant Script™ Wizard Study Dialog

The image shows two overlapping dialog boxes in the S-Trader desktop platform. The 'Custom Study Wizard' dialog is on the left, and the 'Add Variable' dialog is on the right.

Custom Study Wizard

- Save To Group: Default
- Custom Study Name: [Empty text box]
- Password: [Empty text box]
- Result: Line, Solid, 2, [Color selection]
- Reverse_Result: Line, Solid, 2, [Color selection]
- Buttons: Add To New Panel (checked), Add New Variable, Edit Selected Variable
- Table with columns: Name, Description
- Buttons: OK, Cancel

Add Variable

- Name: [Empty text box]
- Description: [Empty text box]
- Source: CLOSE
- minTickValue: 0.50
- Variable List: PositiveVolumeIndex, PriceVolumeTrend, PVI, PVT, TMF, TradeVolumeIndex (selected), TVI, TwiggsMoneyFlow, VO, VOH, VolumeOscillator, VolumeOscillatorHistogram, VolumeOscillatorSignal, VolumeRateOfChange, VOS, VROC, WAD, WilliamsAccumulationDistribution
- Button: Create Script Line
- Code preview: TradeVolumeIndex(CLOSE, 0.50)
- Buttons: OK, Cancel



Quant Script™ Study Dialog

Custom Study Editor [Close]

Save To Group: 4_OSCILLATORS_MONEY_FLC [Dropdown] A 16.25 [Dropdown]

Custom Study Name: TVI

Password: [Empty Field]

Result: Line [Dropdown] Solid [Dropdown] 2 [Spinner] [Color Picker: Teal]

Reverse_Result: Line [Dropdown] Solid [Dropdown] 2 [Spinner] [Color Picker: Purple]

Formula Add To New Panel

```
SET RESULT = TVI(CLOSE, 0.50)
SET REVERSE_RESULT = TradeVolumeIndex(CLOSE, 0.50)
```

[OK] [Cancel]