



**S-Trader**



2673

14.86

12.28

8.81

12.07

15.76

2.77

10.97

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1.62

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7.87

4.52

1.11

1.51

2.58

+0.52%

+0.18%

+0.18%

+0.18%

+0.46%

20580

12734

2918

18775

10383

9487

28025

20580

12734

2918

2673

1749

8100

7911

10383

9487

28025

20580

12734

2918

2673

1749

8100

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1.62



## TMA | Triangular Moving Average

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## Description

A Triangular Moving Average (TMA) is a type of moving average that uses a double smoothing technique on a given series. It is commonly believed that the extra smoothing produces cleaner moving averages for trading purposes.

## Formula

Step 1:  $SMA_n = (Value_1 + Value_2 + \dots + Value_n) / n$

Step 2:  $TMA_n = SMA(SMA_n, n) = (SMA_1 + SMA_2 + \dots + SMA_n) / n$

## Parameters

<b>Source</b>	Any price source (O, H, L, C, Vol, OI) or any other built-in or custom study
<b>Periods</b>	Any number of periods

## Output value(s)

There is a single output value resulting from the formula, the Triangular Moving Average.

## Plot

The plot is an overlay inside the price series panel.

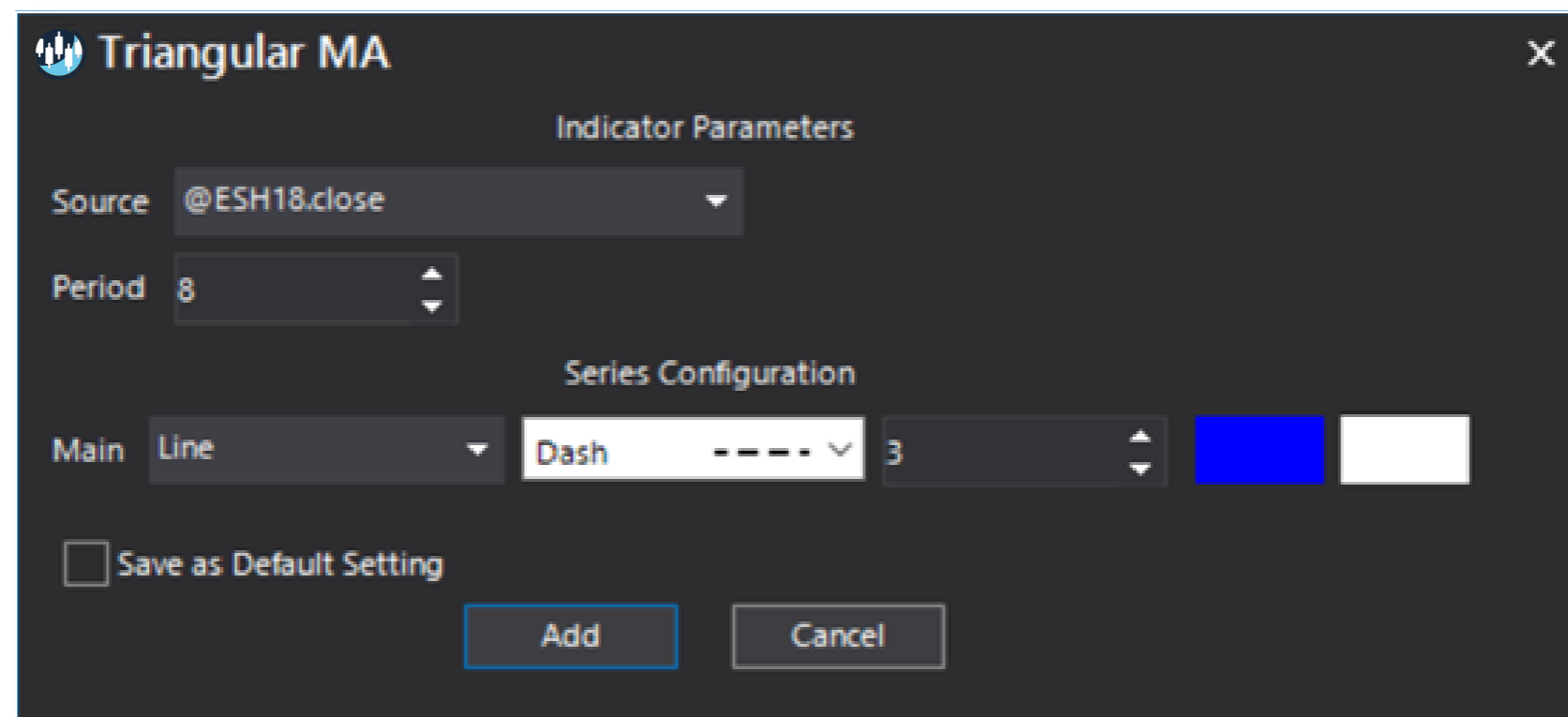


## Quant Script™ Syntax

<b>Short Form</b>	<i>TMA</i> (Source, Periods)
<b>Long Form</b>	<i>TriangularMovingAverage</i> (Source, Periods)

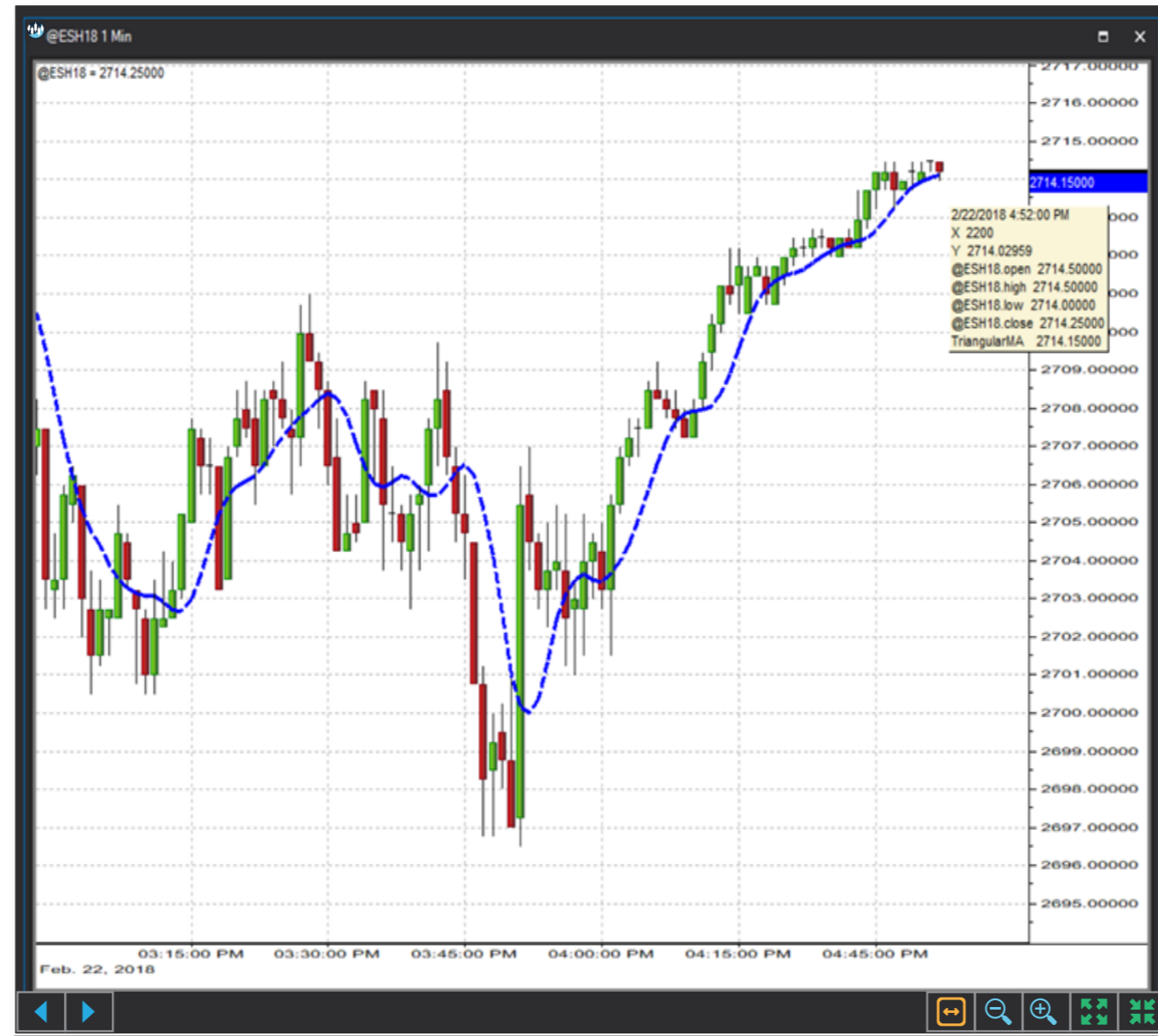
## Dialogs

### Chart Study Dialog



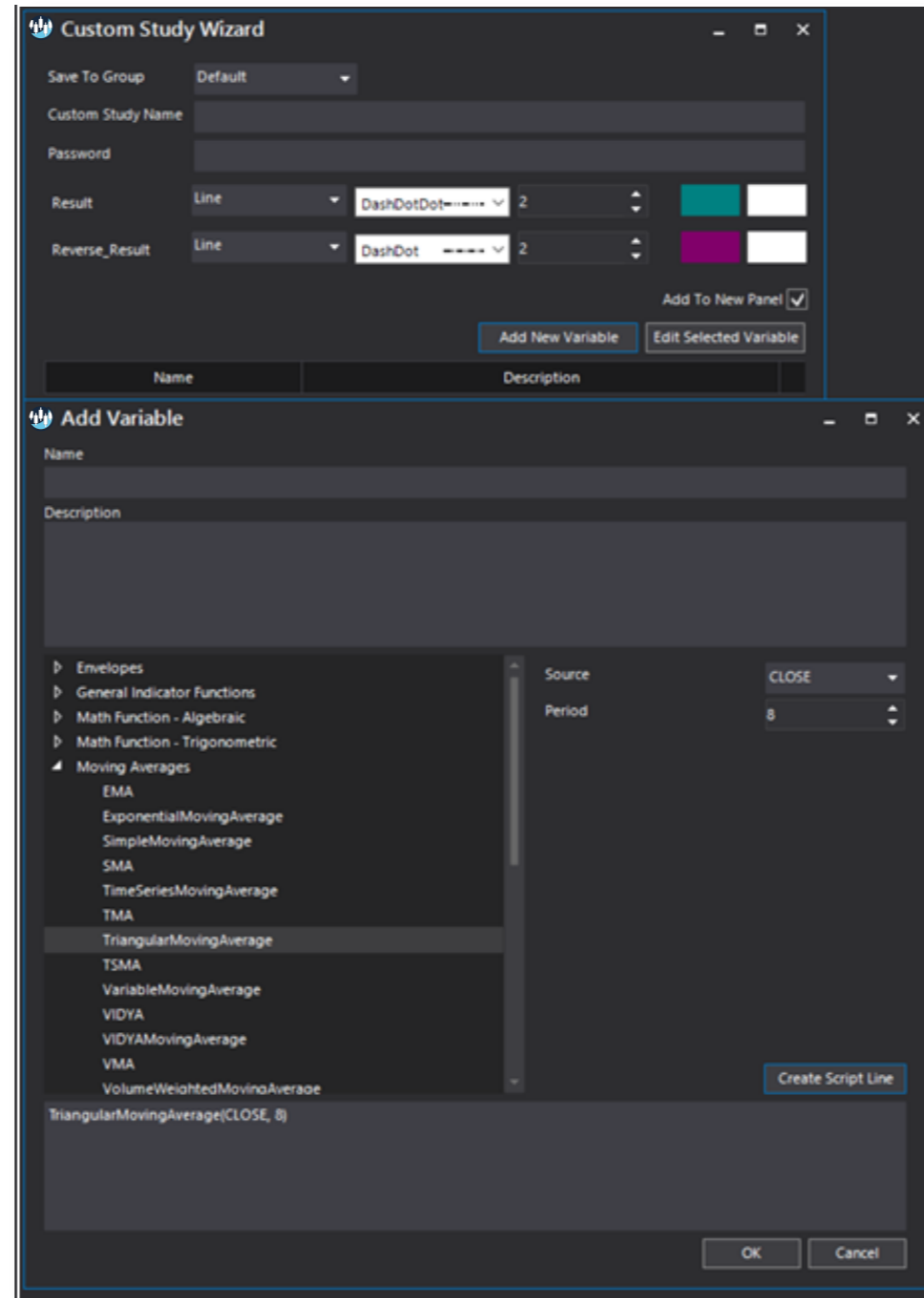


## Sample Chart With Study





## Quant Script™ Wizard Study Dialog





## Quant Script™ Study Dialog

**Custom Study Editor**

Save To Group: 1\_MOVING\_AVERAGES A 8.25

Custom Study Name: TMA

Password:

Result: Line DashDotDot 2

Reverse\_Result: Line DashDot 2

Formula Add To New Panel

```
SET RESULT = TMA(CLOSE,8)
SET REVERSE_RESULT = TriangularMovingAverage(CLOSE,8)
```