

Convert Spreadsheet study to ACSIL study

Study 1: Daily Trend Bias

Study short name:
d-tb

Indicators used:
EMA 8, EMA 20, Bollinger Bands

Indicator settings:
EMA 8: Input data = Last, Length = 8
EMA 20: Input data = Last, Length = 20
BB 20: Input data = Last, Length = 20, Standard Deviations = 1, MA Type = Simple Moving Average

Logic:

A:

IF prior close (not current!) > prior EMA 8 (not current!) THEN output 1
IF prior close (not current!) < prior EMA 8 (not current!) THEN output -1

B:

IF prior close > prior EMA 8 AND prior EMA 8 > prior EMA 20 OR IF prior close > prior EMA 8 AND prior close > prior Upper BB20 THEN output 1
IF prior close < prior EMA 8 AND prior EMA 8 < prior EMA 20 OR IF prior close < prior EMA 8 AND prior close < prior Lower BB20 THEN output -1

C:

IF prior close > prior EMA 8 AND prior EMA 8 > prior EMA 20 AND prior close > prior Upper BB20 THEN output 1
IF prior close < prior EMA 8 AND prior EMA 8 < prior EMA 20 AND prior close < prior Lower BB20 THEN output -1

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d-tb = A+B+C