

METHOD FOR CALCULATING PREDICTIVE SIGNALS FOR A BUY TERM SCENARIO AND A SELL TERM SCENARIO ON A VOLUME SPREAD ANALYSIS CHART

FIELD OF INVENTION

The present disclosure generally relates to financial market analysis and more particularly, but not exclusively to displaying predictive indicators on a volume spread analysis chart for traders to perform long buy and short sell transactions.

BACKGROUND OF THE INVENTION

This section is intended only to provide background information pertaining to the similar field of the present invention, and may be used only to enhance the understanding of the present invention and not as admissions of prior art.

Generally, retail investors, traders, and investment analysts design trading strategies and make decisions based on technical analysis of financial market to initiate a trade. Technical analysts make use of data available from public stock exchanges such as historical open price, close price, high, low, daily volume, last trade price etc. to predict future price of a share or commodity.

In general, an average investor or trader uses his computer or mobile devices for trading during trading hours, listens to financial news and opinions, investigates all possible investment stock code on their knowledge and examines all investment charts on the screen.

Occasionally, another type of trader may find an investment chart that shows a typical buy or sell pattern, and does more research through other available information before taking the final decision to buy or sell or short the investment. Since good buy or sell pattern are generally not very often found, it is difficult for trader to find them when they are still valid and at time under pressure or boredom, they may accept less than perfect patterns and execute the trades. Such trades generally result less than favourable conditions for the trader and eventually they stopped completely.

There are several technical indicators based on moving averages and other are used to filter out buy or sell term variation in price to understand the broad pattern. The problem with such indicator is they are the indicator lag behind the market, further they don't provide a clear and direct indication that can be understood by a novice user. When things are complicated, it results in delay of their decision time.

There's need for an efficient and automated technique to assist all investor and traders whether to long or short by automatically analysing data from market and other sources with minimal lag and clear indicator allowing even a novice investor to trade proficiently.

SUMMARY OF THE INVENTION

In light of the limitations of the existing systems as discussed above, it is evident that there arises a need for an efficient analysis method for substantially overcoming said limitations. It is therefore, the present invention provides a method for calculating predictive signals for a buy term scenario and a sell term scenario on a volume spread analysis chart. Another objective of the present invention is to enable the investors to buy and sell based on data acquired from the volume spread analysis chart.

In an aspect, embodiments of the present disclosure provides a method for calculating predictive signals for a buy term scenario and a sell term scenario on a volume spread analysis chart, the method comprises:

- receiving a historical time series data pertaining to a market from a server, wherein the historical time series data comprises a historical volume and a price data;
- analysing a pattern for the buy term scenario and the sell term scenario based on the received historical time series data, wherein the historical time series data comprises an elevation and a fall of historical volume and a price data pertaining to the market.
- representing a future time series data on the volume spread analysis chart, wherein the future time series data comprises:
 - a long buy signal to ensure a time interval purchase of a trade based on the received historical time series data;
 - a short sell signal to enable a sale of a trade in time interval based on the received historical time series data; and

- a short covering signal to encourage a term purchase of a trade to buy back the sold position based on received historical time series data;
- displaying the long buy signal, the short sell signal, and the short covering signal on the volume spread analysis chart, wherein displaying comprising using an symbolic identification for each of the long buy signal, the short sell signal, and the short covering signal.

Optionally, the symbolic identification further comprises:

- a square for displaying the long buy signal;
- a triangle for displaying the short sell signal; and
- a circle for displaying the short covering signal.

Optionally, the volume spread analysis chart is a data analysis chart of a financial market.

Optionally, the financial market further comprises a stock market.

Optionally, the trade further comprises a sale and a purchase of stocks.

These and other aspects of the embodiments herein will be better appreciated and understood when considered in conjunction with the following description and the accompanying drawings. It should be understood, however, that the following descriptions, while indicating preferred embodiments and numerous specific details thereof, are given by way of illustration and not of limitation. Many changes and modifications may be made within the scope of the embodiments herein without departing from the concept thereof, and the embodiments herein include all such modifications.

BRIEF DESCRIPTION OF THE DRAWINGS

Other objects, features, and advantages of the embodiment will be apparent from the following description when read with reference to the accompanying drawings. In the drawings, wherein like reference numerals denote corresponding parts throughout the several views:

Referring to FIG. 1 illustrated is an illustration of a method for calculating predictive signals for a buy term scenario and a sell term scenario on a volume spread analysis chart, in accordance with an embodiment of the present disclosure; and

Referring to FIG. 2A and 2B, illustrated is an illustration of a volume analysis chart, in accordance with an embodiment of the present disclosure.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

The embodiments herein and the various features and advantageous details thereof are explained more fully with reference to the non-limiting embodiments that are illustrated in the accompanying drawings and detailed in the following description. Descriptions of well-known components and processing techniques are omitted so as to not unnecessarily obscure the embodiments herein. The examples used herein are intended merely to facilitate an understanding of ways in which the embodiments herein may be practiced and to further enable those of skill in the art to practice the embodiments herein. Accordingly, the examples should not be construed as limiting the scope of the embodiments herein.

In one aspect, embodiments of the present disclosure provides a method for calculating predictive signals for a buy term scenario and a sell term scenario on a volume spread analysis chart, the method comprising:

- receiving a historical time series data pertaining to a market from a server, wherein the historical time series data comprises a historical volume and a price data;
- analysing a pattern for the buy term scenario and the sell term scenario based on the received historical time series data, wherein the historical time series data comprises an elevation and a fall of historical volume and a price data pertaining to the market.
- representing a future time series data on the volume spread analysis chart, wherein the future time series data comprises:
 - a long buy signal to ensure a time interval purchase of a trade based on the received historical time series data;
 - a short sell signal to enable a sale of a trade in time interval based on the received historical time series data; and
 - a short covering signal to encourage a term purchase of a trade to buy back the sold position based on received historical time series data;

- displaying the long buy signal, the short sell signal, and the short covering signal on the volume spread analysis chart, wherein displaying comprising using an symbolic identification for each of the long buy signal, the short sell signal, and the short covering signal.

Throughout the present disclosure, the term “volume spread analysis chart” refers to a data analysis presentation pertaining to the financial market. In an example, the volume spread analysis chart includes identification curves for a fall and a rise of stocks or shares in trade in the financial market. Furthermore, the identification curves include a track data of the fall and the rise in the trade in the financial market. Such track data may include

Referring to FIG. 1 illustrated is an illustration of a method (100) for calculating predictive signals for a buy term scenario and a sell term scenario on a volume spread analysis chart, in accordance with an embodiment of the present disclosure.

At a step (101), a historical time series data pertaining to a market is received from a server, wherein the historical time series data comprises a historical volume and a price data.

At a step (102), a pattern for the buy term scenario and the sell term scenario is analysed based on the received historical time series data, wherein the historical time series data comprises an elevation and a fall of historical volume and a price data pertaining to the market.

At a step (103), a future time series data is received on the volume spread analysis chart, wherein the future time series data comprises a long buy signal to ensure a time interval purchase of a trade based on the received historical time series data, a short sell signal to enable a sale of a trade in time interval based on the received historical time series data; and a short covering signal to encourage a term purchase of a trade to buy back the sold position based on received historical time series data.

At a step (104), the long buy signal, the short sell signal, and the short covering signal is displayed on the volume spread analysis chart, wherein displaying comprising using an symbolic identification for each of the long buy signal, the short sell signal, and the short covering signal.

Referring to FIG. 2A and 2B, illustrated are illustrations of a volume analysis chart (200), in accordance with an embodiment of the present disclosure.

Optionally, the symbolic identification further comprising a square (201) for displaying the long buy signal, a triangle (202) for displaying the short sell signal; and a circle (203) for displaying the short covering signal.

Optionally, the volume spread analysis chart is a data analysis chart of a financial market.

Optionally, the financial market further comprising a stock market.

Optionally, the trade further comprising a sale and a purchase of stocks.

As will be readily apparent to those skilled in the art, the present embodiment may easily be produced in other specific forms without departing from its essential characteristics. The present embodiment are, therefore, to be considered as merely illustrative and not restrictive, the scope being indicated by the claims rather than the foregoing description, and all changes which come within therefore intended to be embraced therein.

CLAIMS

1. A method (100) for calculating predictive signals for a buy term scenario and a sell term scenario of a financial market on a volume spread analysis chart (200), the method comprising:
 - receiving a historical time series data pertaining to the financial market from a server, wherein the historical time series data comprises a historical volume and a price data;
 - analysing a pattern for the buy term scenario and the sell term scenario based on the received historical time series data, wherein the historical time series data comprises an elevation and a fall of historical volume and a price data pertaining to the financial market;
 - representing a future time series data on the volume spread analysis chart, wherein the future time series data comprises:
 - a long buy signal to ensure a time interval purchase of a trade based on the received historical time series data;
 - a short sell signal to enable a sale of a trade in time interval based on the received historical time series data; and
 - a short covering signal to encourage a term purchase of a trade to buy back the sold position based on received historical time series data;
 - displaying the long buy signal, the short sell signal, and the short covering signal on the volume spread analysis chart, wherein displaying comprising using an symbolic identification for each of the long buy signal, the short sell signal, and the short covering signal.
2. The method as claimed in claim 1, wherein symbolic identification further comprising:
 - a square (201) for displaying the long buy signal;
 - a triangle (202) for displaying the short sell signal; and
 - a circle (203) for displaying the short covering signal.
3. The method as claimed in claim 1, wherein the volume spread analysis chart (200) is a data analysis chart of a financial market.
4. The method as claimed in claim 1, wherein the financial market further comprising a stock market.

5. The method as claimed in claim 1, wherein the trade further comprising a sale and a purchase of stocks.