CLAIMS

What is claimed is:

1. A method for displaying and analyzing option information, the method being applied in a terminal device, the method comprising:

collecting operation data of a user on the terminal device;

obtaining, based on the operation data, volatility data of an option selected by the user, wherein the volatility data comprises implied volatility and/or historical volatility of the option;

determining, based on the volatility data, chart data and analysis information of volatility of the option;

displaying the chart data and the analysis information;

obtaining a maximum value of the volatility premium of the option, wherein the volatility premium is a positive difference value between the implied volatility of the option and the historical volatility of the option; and

generating a volatility premium line at a data point corresponding to the maximum value of the volatility premium.

2. The method according to claim 1, wherein said determining, based on the volatility data, the chart data and the analysis information of the volatility of the option comprises:

determining, based on the volatility data of the option, at least one of a volatility term structure, a volatility smile, or a volatility analysis of the option, wherein:

the volatility term structure is used to indicate a relation between implied volatility of a specified strike price of the option and an expiration date of the option;

the volatility smile is used to indicate a relation between the implied volatility of the option and a strike price of the option; and

the volatility analysis is used to indicate analysis information on the implied volatility of the option, the analysis information being obtained based on at least one of the implied volatility, the historical volatility, a volatility premium, or an implied volatility mean value of the option.

3. The method according to claim 2, wherein the analysis information on the implied volatility of the option comprises at least one of an overestimation, an underestimation, or an

oscillation of the implied volatility.

4. The method according to claim 2, further comprising:

obtaining a list of expiration date data of the option from a server; and

obtaining the expiration date of the option based on the list of expiration date data, wherein the expiration date of the option is a default value or a date selected from the list of expiration date data by the user, the default value being an unexpired date, closest to a current date, in the list of expiration date data.

5. The method according to claim 2, wherein the implied volatility mean value is determined based on implied volatilities of at least two options having a same expiration date.

6. The method according to any one of claims 1 to 5, wherein the operation data comprises at least one strike price of the option selected by the user and an expiration date of the option.

7. A method for displaying and analyzing option information, the method being applied in a server, the method comprising:

obtaining operation data of a user on a terminal device;

obtaining, based on the operation data, volatility data of an option selected by the user, wherein the volatility data comprises implied volatility and/or historical volatility of the option;

transmitting the volatility data to the terminal device;

obtaining a maximum value of the volatility premium of the option, wherein the volatility premium is a positive difference value between the implied volatility of the option and the historical volatility of the option; and

generating a volatility premium line at a data point corresponding to the maximum value of the volatility premium.

8. An apparatus for displaying and analyzing option information, the apparatus comprising:

a collection unit configured to collect operation data of a user on a terminal device;

an obtaining unit configured to obtain, based on the operation data, volatility data of an option selected by the user, wherein the volatility data comprises implied volatility and/or historical volatility of the option;

a processing unit configured to:

determine, based on the volatility data, chart data and chart analysis information of volatility of the option;

obtain a maximum value of the volatility premium of the option, wherein the volatility premium is a positive difference value between the implied volatility of the option and the historical volatility of the option; and

generate a volatility premium line at a data point corresponding to the maximum value of the volatility premium; and

a display unit configured to display the chart data and the chart analysis information.

9. An apparatus for displaying and analyzing option information, the apparatus comprising:

an obtaining unit configured to obtain operation data of a user on a terminal device;

a processing unit configured to:

determine, based on the operation data, volatility data of an option selected by the user, wherein the volatility data comprises implied volatility and/or historical volatility of the option;

obtain a maximum value of the volatility premium of the option, wherein the volatility premium is a positive difference value between the implied volatility of the option and the historical volatility of the option; and

generate a volatility premium line at a data point corresponding to the maximum value of the volatility premium; and

a transmitting unit configured to transmit the volatility data to the terminal device.

10. An electronic device, comprising:

a processor; and

a memory, having one or more programs stored thereon and executable by the processor,

wherein the one or more programs comprise instructions for performing steps of the method according to any one of claims 1 to 5.

11. A computer-readable storage medium, having a computer program stored thereon for electronic data exchange, wherein the computer program causes a computer to perform the method according to any one of claims 1 to 5.