Introduction.

The study is based on the analysis of the probability space created by the variation of the price function over the ***currently*** ***monitored*** ***part*** of the price function domain (a certain number of time frames back­wards, in eSignal terms – Data Range). We denote this part of domain as  and recommend Data Ran­ge fixed to 400. The result of the analysis is a forecast in the following form:



*  - the probability of price crossing the level ;
*  - the probability of detecting of , where is a special set of bars.
*  - number of time frames that passed from the beginning of .

The forecast has a unique property. As  increases the probability of the forecast increases too, ap­pro­­aching the value of , in other words  .

The probability of finding  is deter­mined using the p-Signal indicator.

Primitivo Capto (PC) is the simplest strategy based on this forecast. EFS code of strategy is open so anyone can find it in Primitivo Capto.efs.

Short user manual.

1. Study setup. Study states.

In order to use the study it is necessary to put files p-Signal.efs and Primitivo Capto.efs into My Formulas folder and Insert Primitivo Capto.efs to your Chart.

Output of the script will be displayed in a separate indicator pane. Indicator pane will be in one of two states.

The first state – detection with a given probability  to open of a position (short or long). The Indicator Pane will contain pale green or pale red area of closed forecasts if they took place.

The second state – monitoring of the open position until it reaches the target and closing it.

Indicator Pane, among other things, will contain pale red or pale pink areas with a bright stripe of the matching color at the end. After each time frame ending in a pop-up Alert window there will be a confirmation that the forecast is active and the indication of its current probability. In the same window there will appear a notification about the closing of the forecast, if the target is reached.

In all states there will be a p-Signal chart (grey line) boun­ded from -50 to +50.

1. Program options.

The program has options which are available in a standard eSignal way. One of them allow adjusting the parameter of the strategy. The most interesting option is second one – Back Testing report.

1. Program limitations. For obvious reasons, the p-Signal.efs is encrypted and its usage is limited until the end of 2016.

Best regards, A. Kharevsky