

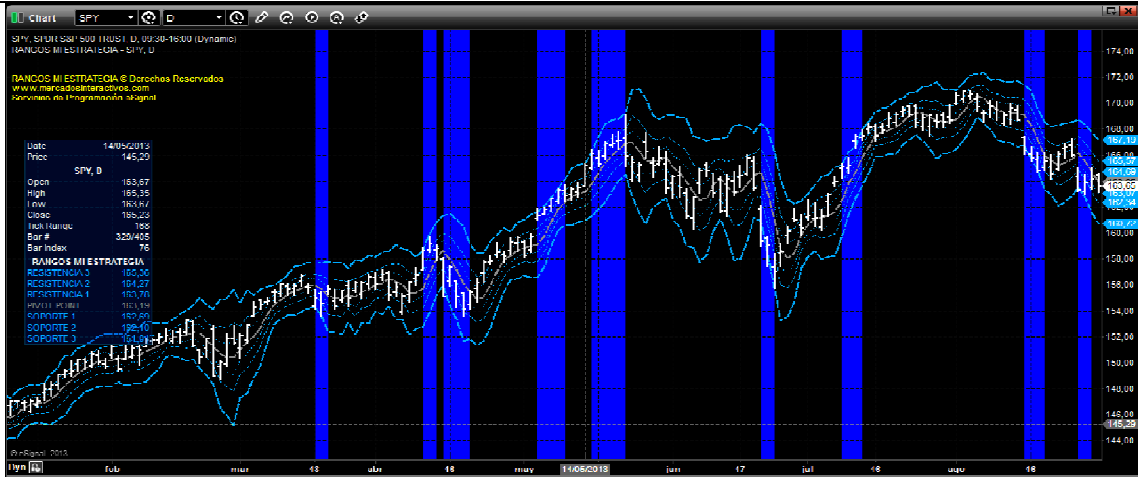
Range Strategy

By eSignalProgrammer.com



INDICATOR LOGIC

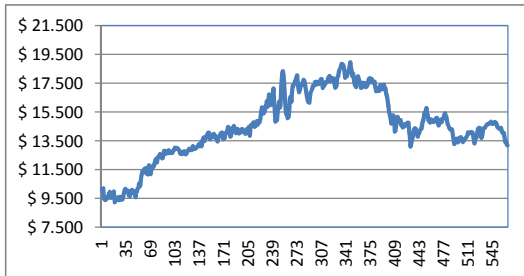
Indicator that filters volatility peaks by using 7 Pivot Points calculated on daily charts. Its purpose is to capitalize profits on price ranges through statistical arbitrage of endpoints given by typical prices.



STRATEGY LOGIC

The strategy goes long when the price equals the Pivot Point Level 3 Support. A short entry is generated when the price is equal to the Pivot Point Level 3 Resistance. Take profits when the price is equal to the Central Pivot Point. The calculations cut losses at 1.5 x ATR (14). Not considered in the code commission charges, spreads nor market volumes. Nor are considered methods of administering the position size, all calculations assume standardized batches for a fixed amount of investment. The studies do not differentiate trend or sideways markets. By identifying when a market becomes lateral, the Range Strategy will be more successful.

SOME ETF RESULTS



RANGES STRATEGY	SPY	DBO	DBC	AVG
Total # of Trades	246	150	171	189
Percent Profitable	53%	56%	61%	57%
Ratio Avg Win / Avg Loss	-0,98	-0,80	-0,66	-0,81
Run Up / Drawdown	1,17	1,05	0,98	1,07
Z-score	-1,04	-0,57	0,72	-0,30

Basket of SPY, DBO, DBC
 Sample data 1997-2013 USD \$ 10,000 for trade
 Source: eSignal Backtesting Tool
 Graph Source: Microsoft Excel

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