XU overnight trader

**One line Synapsis**

The overnight trader has two types of strategies: one is hedging at the close of morning XU, one is taking advantage of the highly volatile trendy US market overnight.

Overnight need to hedge smartly instead of hedging everything at China close (3pm).

**Background Info**

1. Market closes at 4:44am
2. Overnight futures overreact
3. Hedge based (not speculation based)

**US close Strategy**

1. When US closes at lowest, buy back futures
2. When US closes at highest, check PD and sell
3. Check price percentile from 3pm to 4:40am (about 12 hours), find out closing percentile
4. If percentile < 10, and PD < -1%, buy back 5 futures
5. If percentile > 90 and PD > 1%, sell 5 futures.

**Trend following strategy**

1. Maximize overnight PnL
2. choose bar length (1m, 3m, 5m, 10m, 15m, 20m, 30m)
3. choose moving average period (20MA, 30MA, 60MA)
4. calculate the number of profitable trades
5. When to trade?
6. Key concept 1: flat coverage: after making a trade, if it doesn’t make money and go back to the initial position, cut it, you are in a non-trend period.
7. Accumulation strategies: start with buying 2 futures on signal.

**Actions Log**

1. Changed all the localtime datetypes to localdatetime to maximize

2018/4/5 additions

1. When two trades are spaced less than mandatory wait time, base trades on longer moving average to smooth out trades

When too many signals are given

1. Use longer period moving average, increase until none of the candles touch the moving average since the last trade
2. Cut position, smaller lot size