布林线.md 2020/12/14

布林线中轨

收盘价移动平均线,窗口大小20,最小周期1

```
data['MA'] = data[close_price].rolling(window=window, min_periods=1,
axis=0).mean()
```

上下轨

收盘价移动标准差

```
data['std'] = data[close_price].rolling(window, min_periods=1).std(ddof=0)
```

1. 上轨

中轨 + 2倍移动标准差

2. 下轨

中轨 - 2倍移动标准差

```
data['UP'] = data['MA'] + 2 * data['std']
data['DN'] = data['MA'] - 2 * data['std']
```

成交策略

- 触及中轨,平仓
- 触及下轨,买近一手

收益率计算

持仓成本:每次买进的价格累计,即触及下轨值

资金占用计算

当天结算价*当天多单数*5*7