OFA algoritms

29. července 2015   12:33

OFA momentum print algorithm

Input[] "const_strength" [0.382(?)]
Input[] "const_weakness" [1.6181(?)]

STRONG BID print = (diagonal BID/ASK)>const_strength
STRONG ASK print = (diagonal ASK/BID)>const_strength
WEAK BID print = (diagonal BID/ASK)<const_weakness
WEAK ASK print = (diagonal ASK/BID)<const_weakness
NEUTRAL print is everything else

IF 3 consecutive BID levels are STRONG print **THEN** mark bearish momentum
IF 3 consecutive ASK levels are STRONG print **THEN** mark bullish momentum
Note: "3" levels is the simplest way of mapping and it works quite well I think

Idea: "Mapping momentum"
Input[] string ASK map= "Amap1;Amap2;Amap3;…" -> to array A
Input[] string BID map= "Bmap1;Bmap2;Bmap3;…" -> to array B

int level … variable to determine how many mapped levels comply to mapping conditions

For each level in consecutive order in each bar check:
IF ((diagonal BID/ASK) meets conditions of Amap[i] AND Bmap[i]) **THEN** ++level **ELSE** level=0

IF level >= number of mapping pairs **THEN** mark momentum

Diagonal mapping momentum logic

[any]   Amap1
Bmap1   Amap2
Bmap2   Amap3
Bmap3   [any]

Simple momentum logic

BULL_MOM
print

BEAR_MOM
print
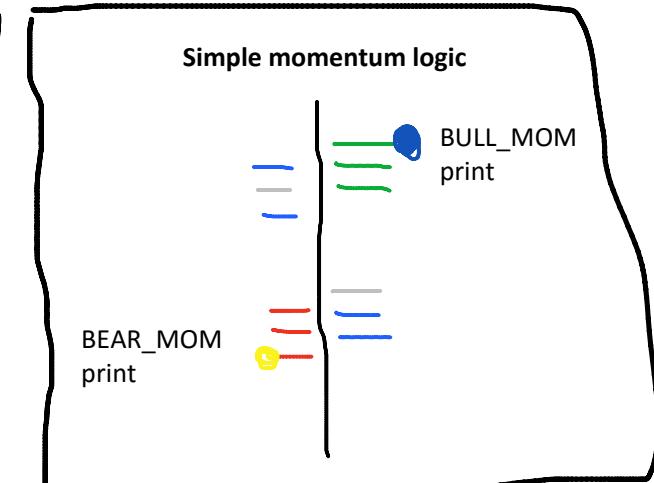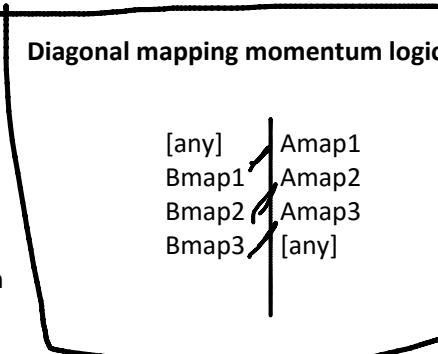
Mapping constants
<--- WEAK ------------ NEUTRAL ------------ STRONG---->

[0,382(?)]
<const WEAK--- **|------** const MORETHANWEAK ------->

[1]
<const NEGATIVE -----const 1/1 ----const POSITIVE--->

[1.618(?)]
<const LESSTHANSTRONG----------**|**---const STRONG>