

Analysis For Eureka

v3-3 part 5

Sean Go

Feb, 2018

1 100 cases - part 5

Table 1: The One Hundred Cases to 20171108

No	Inst	Cline	Reached	Reverse	Dir	Why
	y9	-1	2932054	2932110		
	jm	-1	2855411	2855514		
	OI	-1	2706829	2706950		
	i9	-1	2969836	2969900		
	ag	-1	2712329	2712427		
	ni	1	2657898	2657949		
	au	-1	2263305	2263418		
	y9	-1	3135851	3135950		
	OI	1	2755290	2755400		
	jm	1	2322366	2322450		
	jm	1	2975464	2975550		
	RM	-1	2734218	2734250		
	p9	1	2907077	2907150		
	a9	1	2644591	2644750		
	ni	-1	2896801	2896850		
	ag	-1	2695816	2695950		
	v9	1	3071620	3071772		
	cu	-1	2512131	2512200		
	CF	1	2671699	2671764		
	v9	-1	3057051	3057138		

2 Detail - part 5

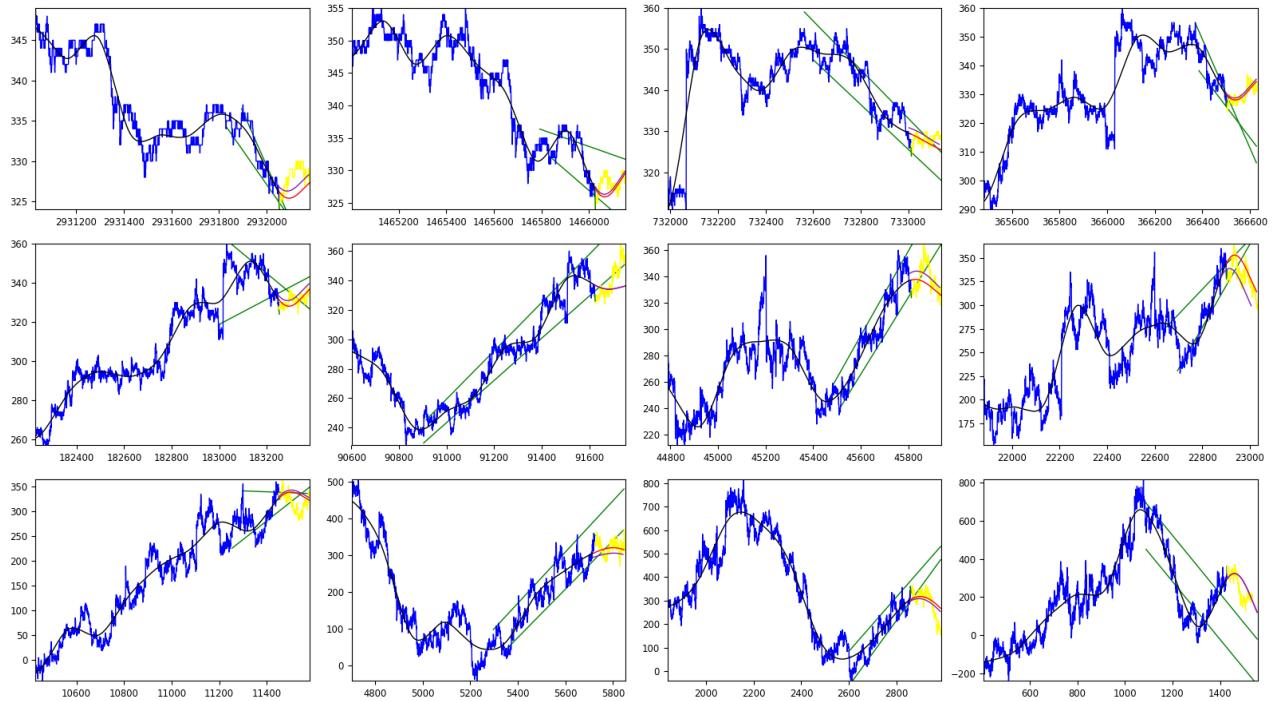
2.1 y9 2932054 2932110

2932054: ptype: 7[0,1] 3[2] 7[3,4] 5[5] 4[6] 6[7,8] 4[9] 6[10,11]

dir: -1[0,1,2,3,4,5] 1[6,7,8,9,10,11]

otp: -1[0,1,2,3,4,5,6] 0[7,8,9,10] 1[11]

cshape: 5[0] 1[1,2] 5[3] 2[4] 1[5,6] 5[7] 3[8] 1[9,10,11]

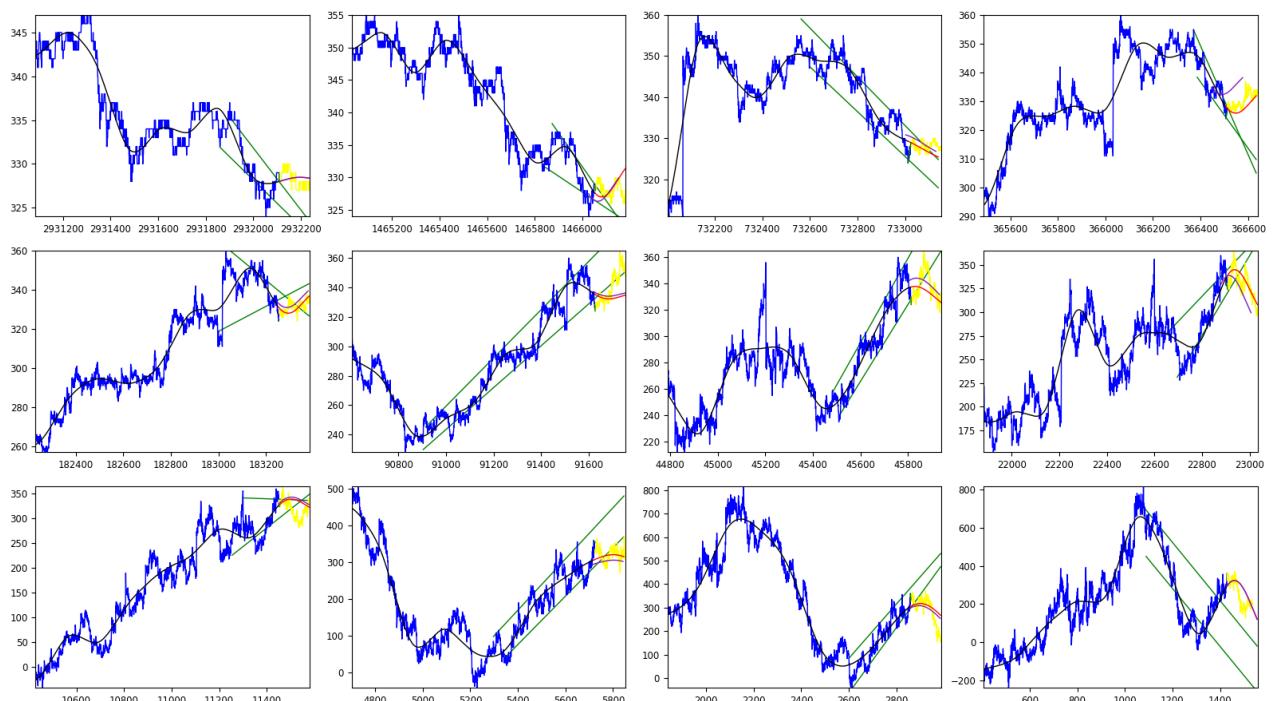


2932110: ptype: 4[0] 7[1] 3[2] 7[3,4] 5[5] 4[6] 6[7,8] 4[9] 6[10,11]

dir: 1[0] -1[1,2,3,4,5] 1[6,7,8,9,10,11]

otp: 1[0] 0[1,2] 1[3] -1[4,5,6] 0[7,8,9,10] 1[11]

cshape: 5[0] 1[1,2] 5[3] 2[4] 1[5,6] 5[7] 3[8] 1[9,10,11]



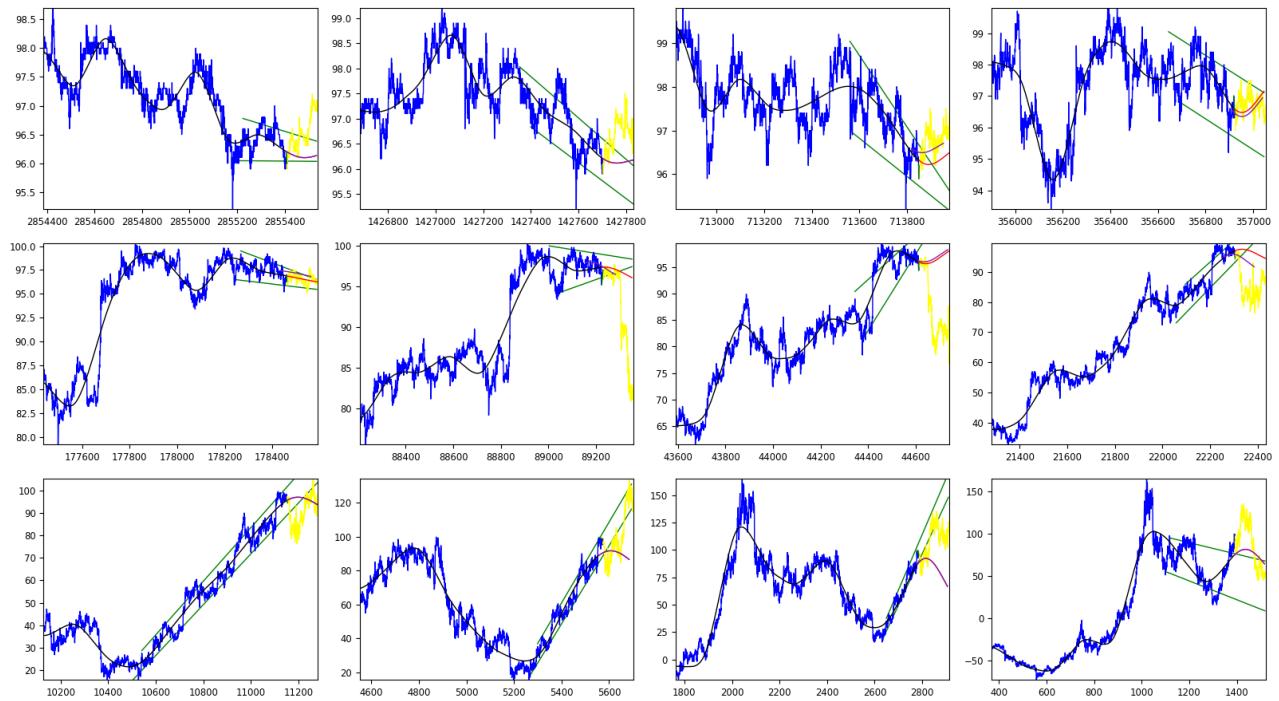
2.2 jm 2855411 2855514

2855411: ptype: 5[0,1] 7[2,3] 3[4,5] 5[6] 4[7,8] 6[9,10,11]

dir: -1[0,1,2,3,4,5,6] 1[7,8,9,10,11]

otp: -1[0] 0[1,2,3,4] -1[5,6] 0[7,8,9,10] 1[11]

cshape: 3[0] 1[1] 2[2] 1[3] 3[4,5] 5[6] 1[7,8,9,10] 3[11]

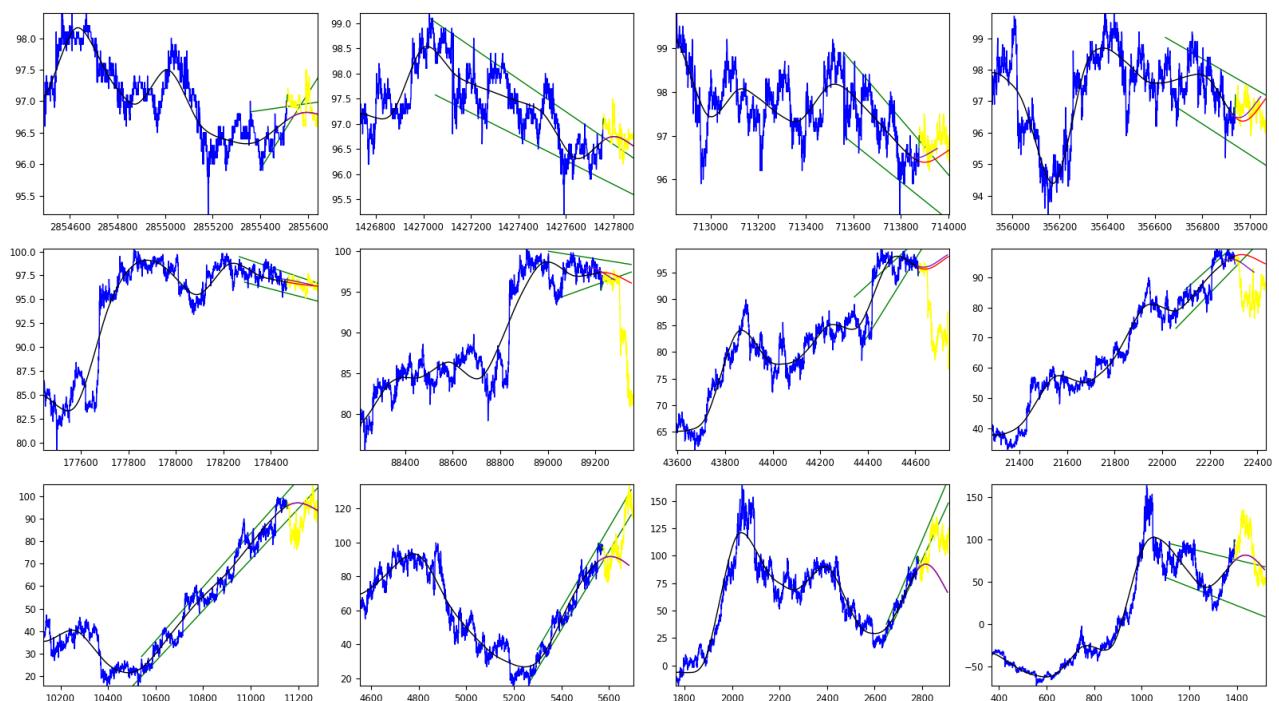


2855514: ptype: 4[0] 6[1] 5[2] 7[3] 3[4,5] 5[6] 4[7,8] 6[9,10,11]

dir: 1[0,1] -1[2,3,4,5,6] 1[7,8,9,10,11]

otp: 1[0,1,2] 0[3,4,5] -1[6] 0[7,8,9,10] 1[11]

cshape: 3[0] 5[1] 4[2] 1[3] 5[4] 3[5] 5[6] 1[7,8,9,10] 3[11]



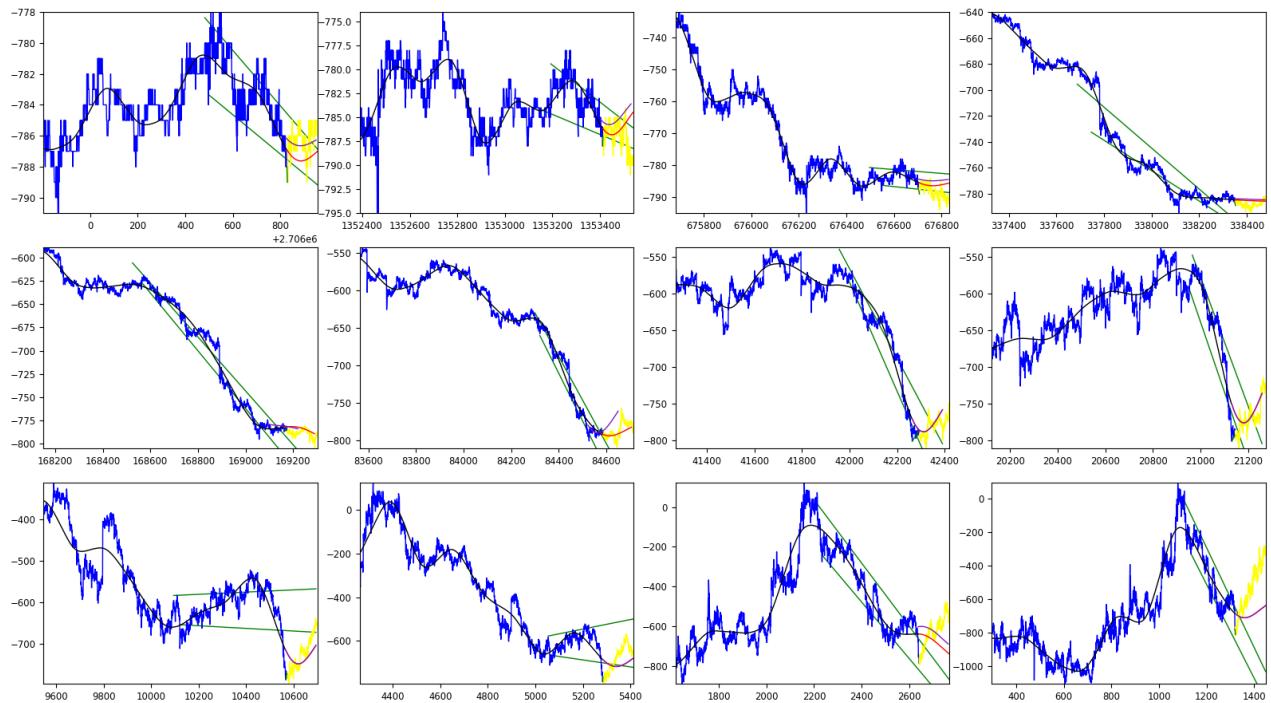
2.3 OI 2706829 2706950

2706829: ptype: 7[0,1] 5[2] 1[3] 4[4] 5[5] 7[6,7,8,9] 3[10] 7[11]

dir: -1[0,1,2] 0[3] 1[4] -1[5,6,7,8,9,10,11]

otp: -1[0,1,2] 1[3,4,5] 0[6] -1[7,8,9] 0[10,11]

cshape: 5[0] 3[1] 5[2,3] 1[4,5,6,7] 2[8] 3[9] 1[10,11]

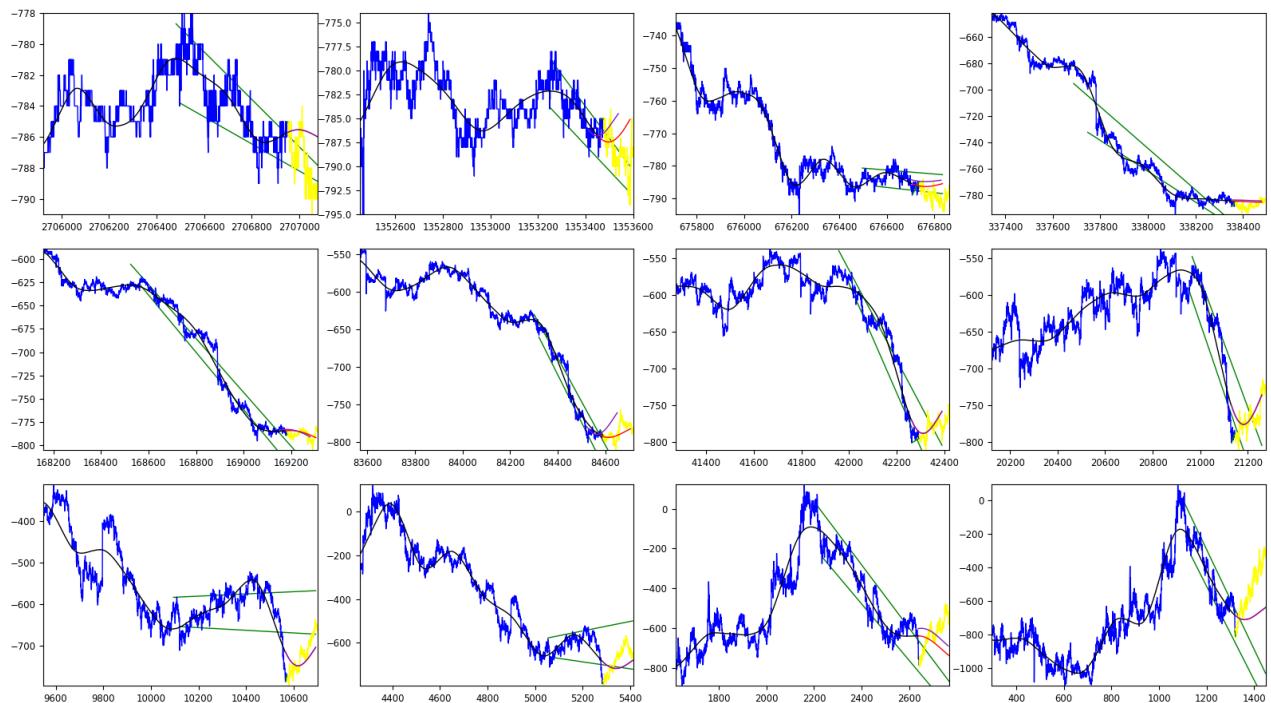


2706950: ptype: 4[0] 7[1] 5[2] 1[3] 3[4] 5[5] 7[6,7,8,9] 3[10] 7[11]

dir: 1[0] -1[1,2] 0[3] -1[4,5,6,7,8,9,10,11]

otp: 1[0,1] 0[2] 1[3,4,5] 0[6] -1[7,8,9] 0[10,11]

cshape: 3[0] 1[1] 5[2,3] 1[4,5,6,7] 2[8] 3[9] 1[10,11]



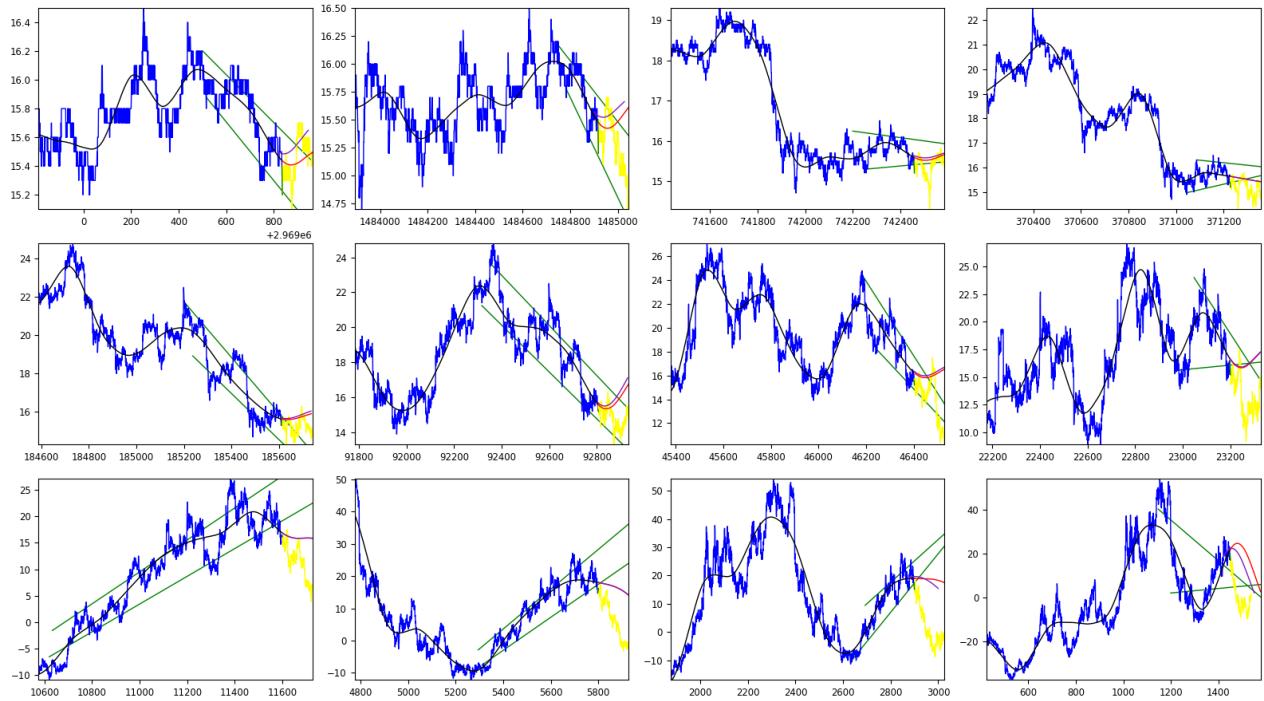
2.4 i9 2969836 2969900

2969836: ptype: 7[0,1] 5[2] 3[3] 5[4] 7[5,6,7] 3[8,9,10] 6[11]

dir: -1[0,1,2,3,4,5,6,7,8,9,10] 1[11]

otp: -1[0] 0[1] -1[2,3] 0[4,5,6] -1[7,8,9,10] 1[11]

cshape: 1[0] 5[1] 3[2] 2[3] 1[4,5] 5[6] 3[7] 1[8,9,10] 3[11]

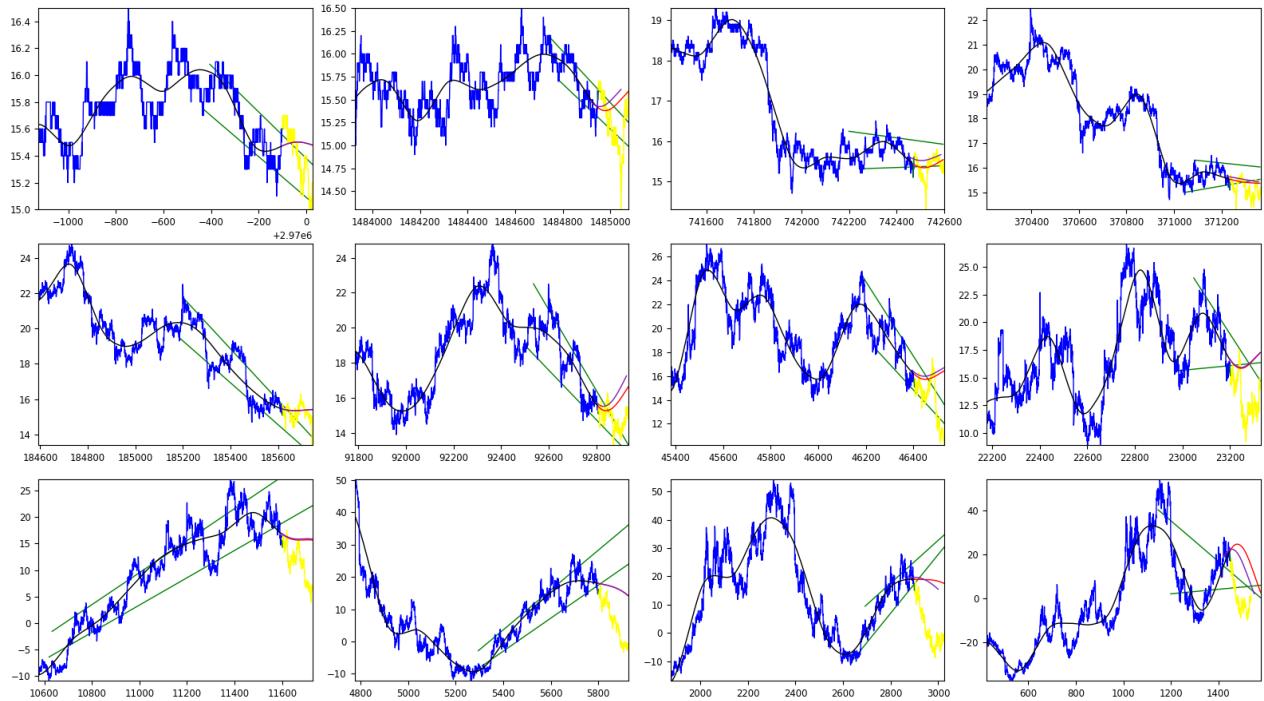


2969900: ptype: 4[0] 7[1,2] 3[3] 5[4] 7[5,6,7] 3[8,9,10] 6[11]

dir: 1[0] -1[1,2,3,4,5,6,7,8,9,10] 1[11]

otp: 1[0] 0[1,2,3,4,5,6] -1[7,8,9,10] 1[11]

cshape: 1[0,1] 3[2] 2[3] 1[4] 5[5] 1[6] 3[7] 1[8,9,10] 3[11]



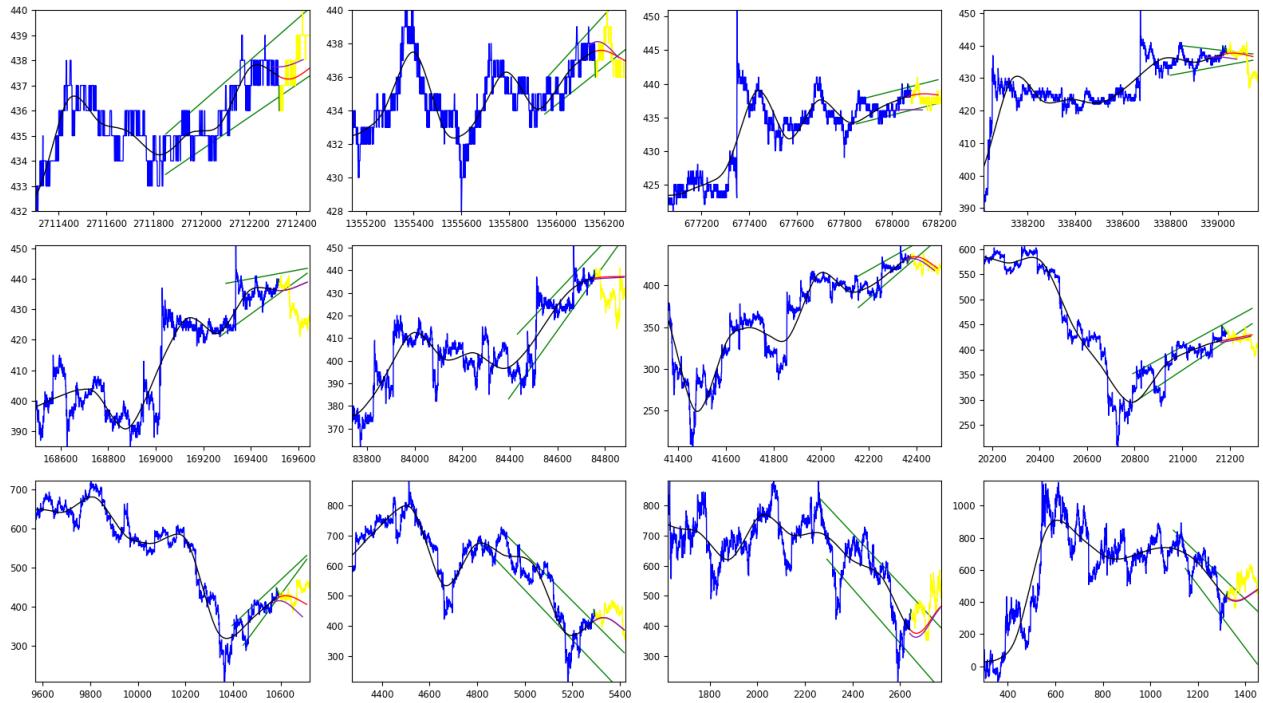
2.5 ag 2712329 2712427

2712329: ptype: 7[0] 4[1,2,3] 2[4,5] 4[6] 2[7] 4[8] 6[9] 7[10,11]

dir: -1[0] 1[1,2,3,4,5,6,7,8,9] -1[10,11]

otp: -1[0,1,2] 0[3,4] -1[5] 0[6,7,8] 1[9] 0[10,11]

cshape: 1[0,1,2] 3[3,4] 1[5] 5[6] 1[7] 5[8] 1[9,10] 5[11]

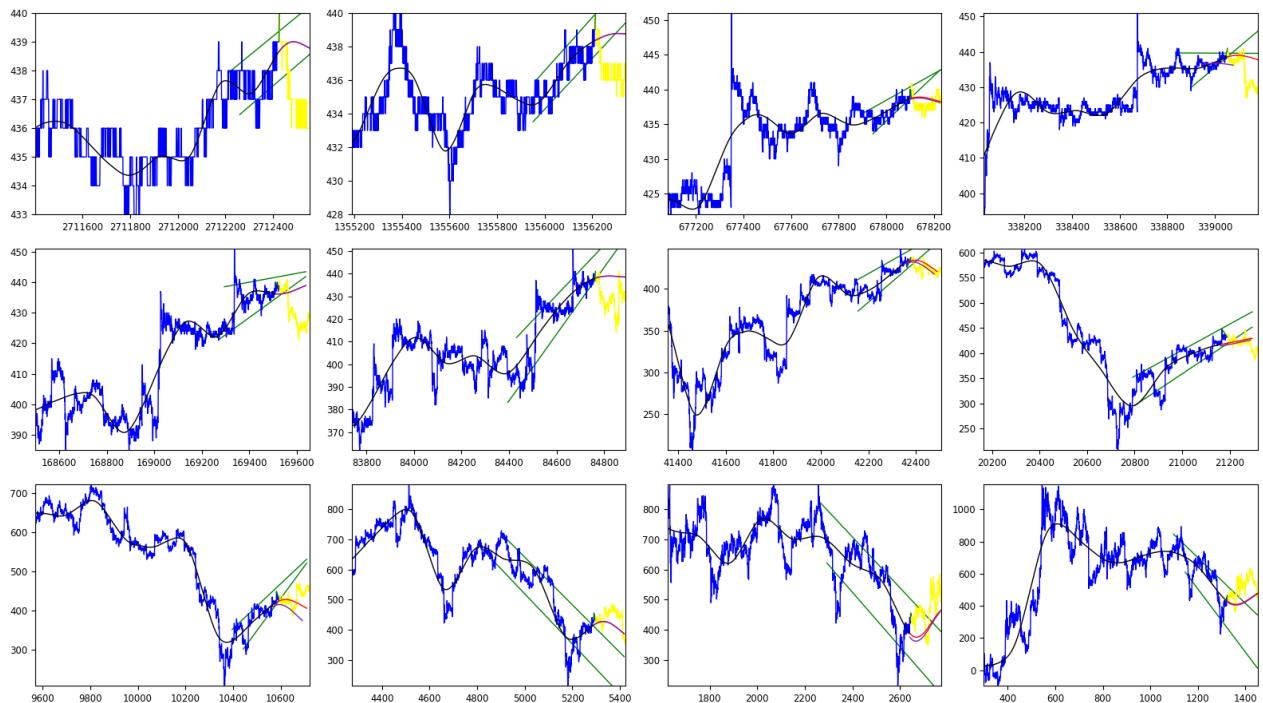


2712427: ptype: 4[0,1,2,3] 2[4] 4[5,6] 2[7] 4[8] 6[9] 7[10,11]

dir: 1[0,1,2,3,4,5,6,7,8,9] -1[10,11]

otp: 1[0,1] 0[2] 1[3] 0[4,5,6,7,8] 1[9] 0[10,11]

cshape: 1[0,1,2] 3[3,4] 1[5] 5[6] 1[7] 5[8] 1[9,10] 5[11]



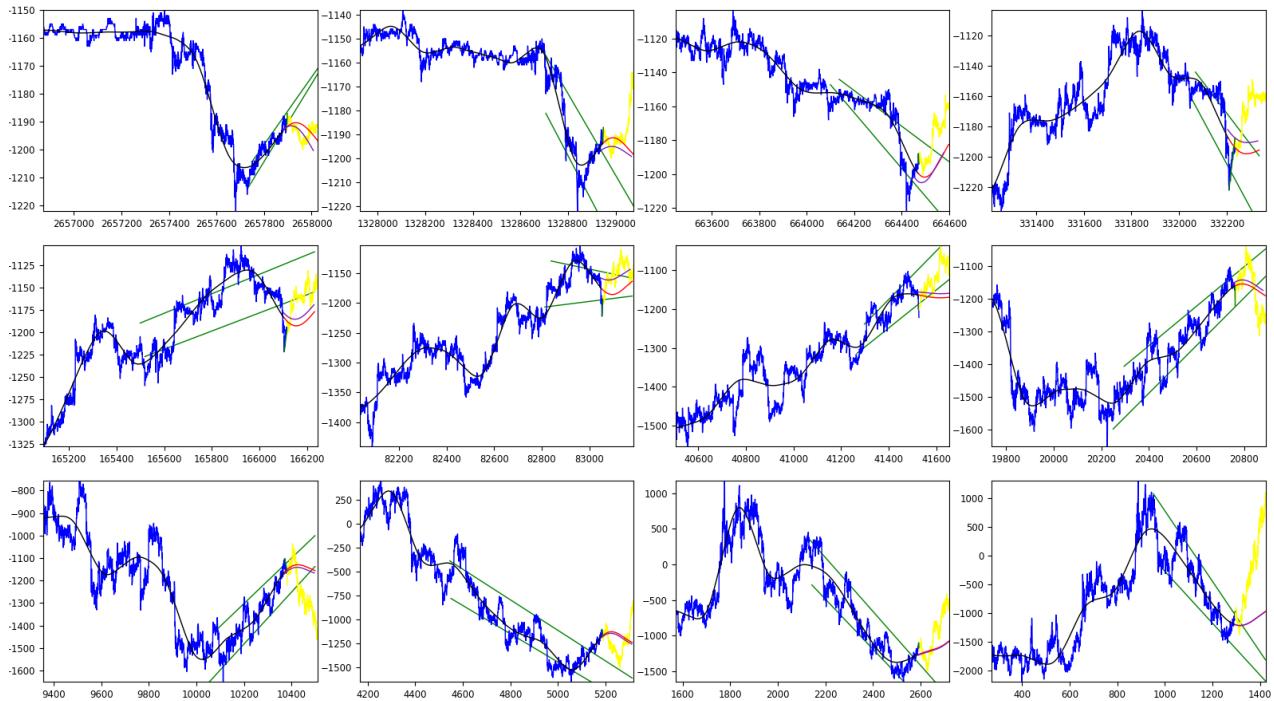
2.6 ni 2657898 2657949

2657898: ptype: 6[0,1] 7[2] 5[3] 7[4,5] 5[6] 4[7,8] 6[9] 2[10] 5[11]

dir: 1[0,1] -1[2,3,4,5,6] 1[7,8,9,10] -1[11]

otp: 0[0] 1[1] 0[2,3] -1[4] 0[5] -1[6] 0[7,8] 1[9,10] 0[11]

cshape: 1[0,1] 3[2] 1[3,4] 3[5] 1[6,7,8,9,10] 4[11]

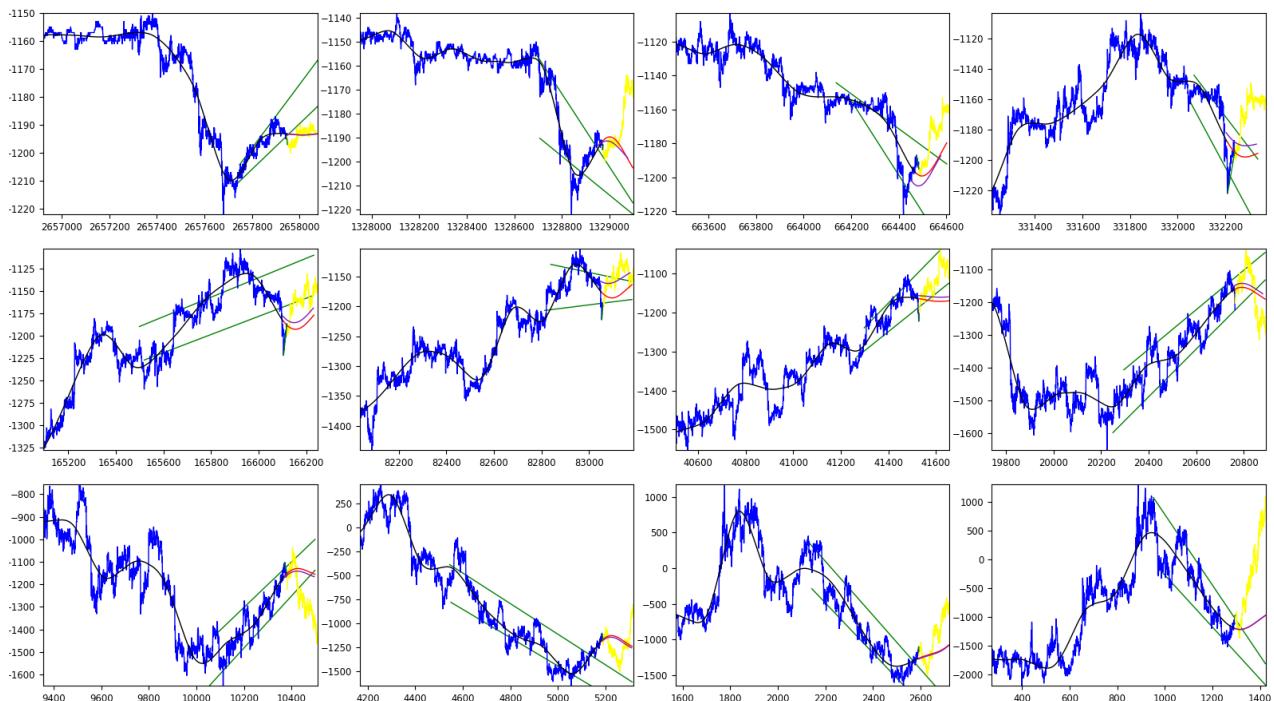


2657949: ptype: 5[0] 6[1] 7[2] 5[3] 7[4,5] 5[6] 4[7,8] 6[9] 2[10] 5[11]

dir: -1[0] 1[1] -1[2,3,4,5,6] 1[7,8,9,10] -1[11]

otp: -1[0] 1[1] 0[2,3] -1[4,5,6] 0[7,8] 1[9,10] 0[11]

cshape: 1[0] 2[1] 3[2] 1[3,4] 3[5] 1[6,7,8,9,10] 4[11]



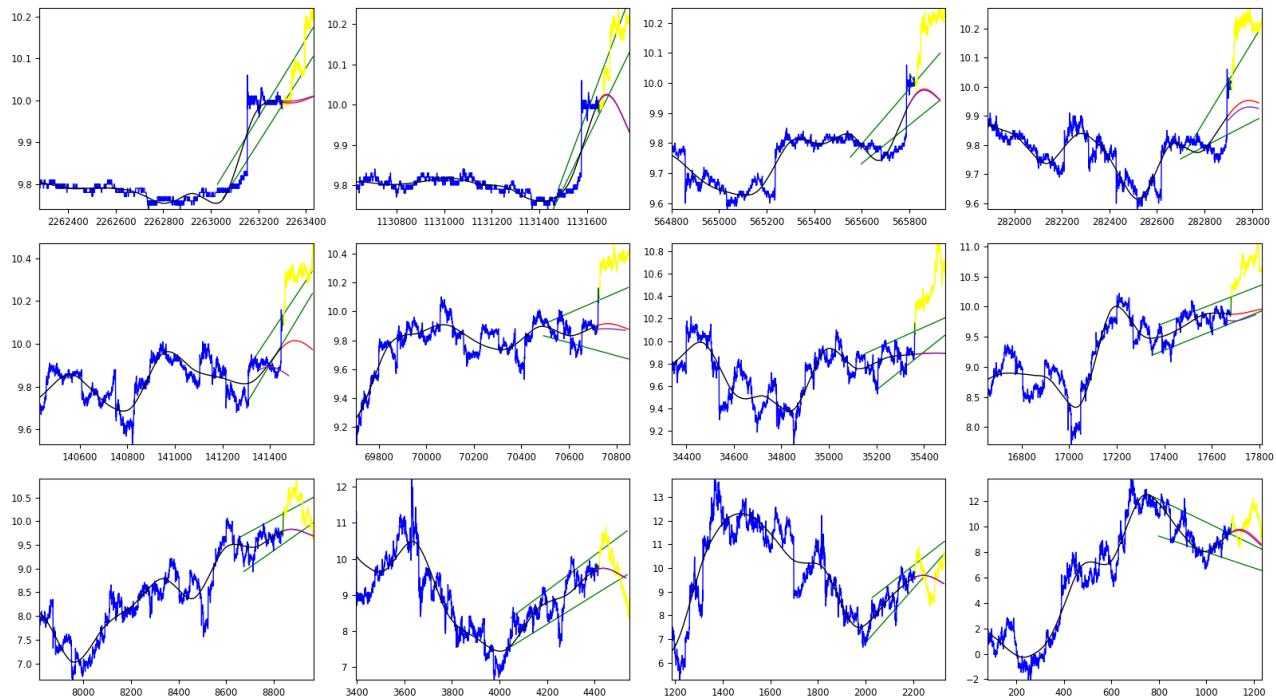
2.7 au 2263305 2263418

2263305: ptype: 5[0] 6[1,2] 4[3] 6[4] 4[5] 2[6,7] 4[8,9,10] 6[11]

dir: -1[0] 1[1,2,3,4,5,6,7,8,9,10,11]

otp: -1[0] 0[1,2,3] -1[4] 0[5,6,7,8,9,10] 1[11]

cshape: 1[0,1,2] 3[3] 1[4] 3[5] 5[6] 1[7,8,9] 4[10] 3[11]

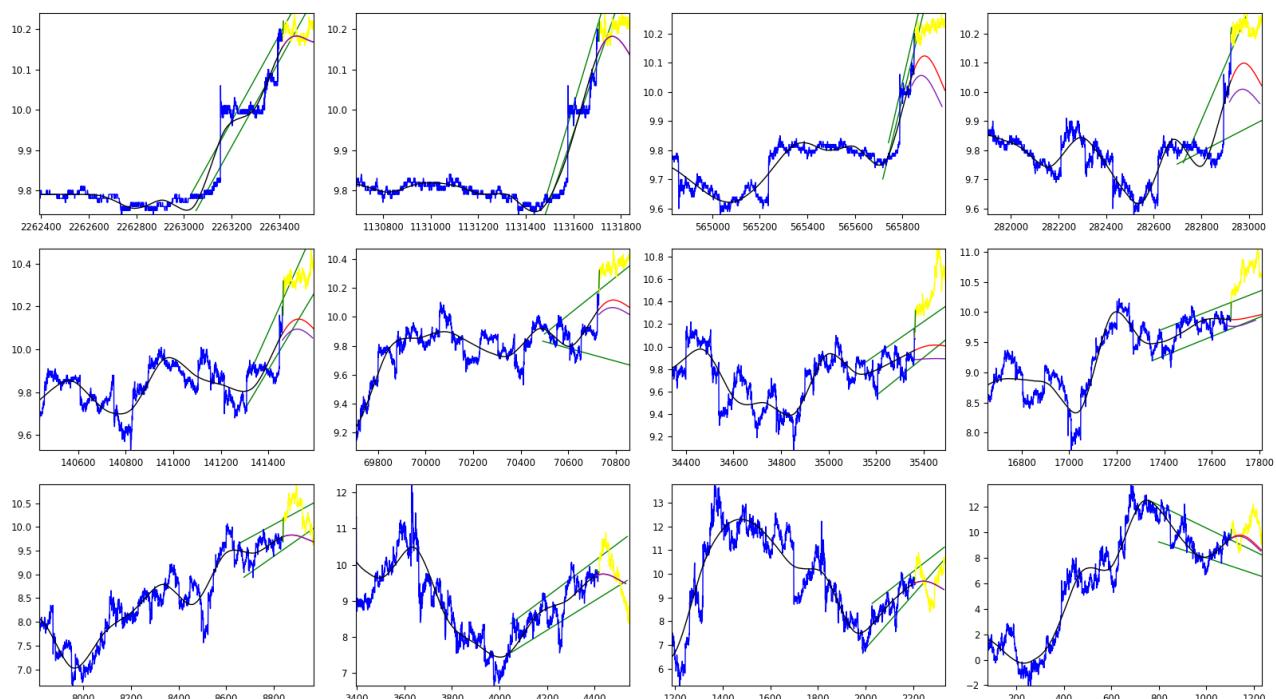


2263418: ptype: 4[0] 6[1,2,3,4,5] 4[6] 2[7] 4[8,9,10] 6[11]

dir: 1[0,1,2,3,4,5,6,7,8,9,10,11]

otp: 1[0] 0[1,2] 1[3] 0[4] 1[5,6,7,8,9,10,11]

cshape: 1[0,1,2] 3[3] 1[4] 3[5] 1[6,7,8,9] 4[10] 3[11]



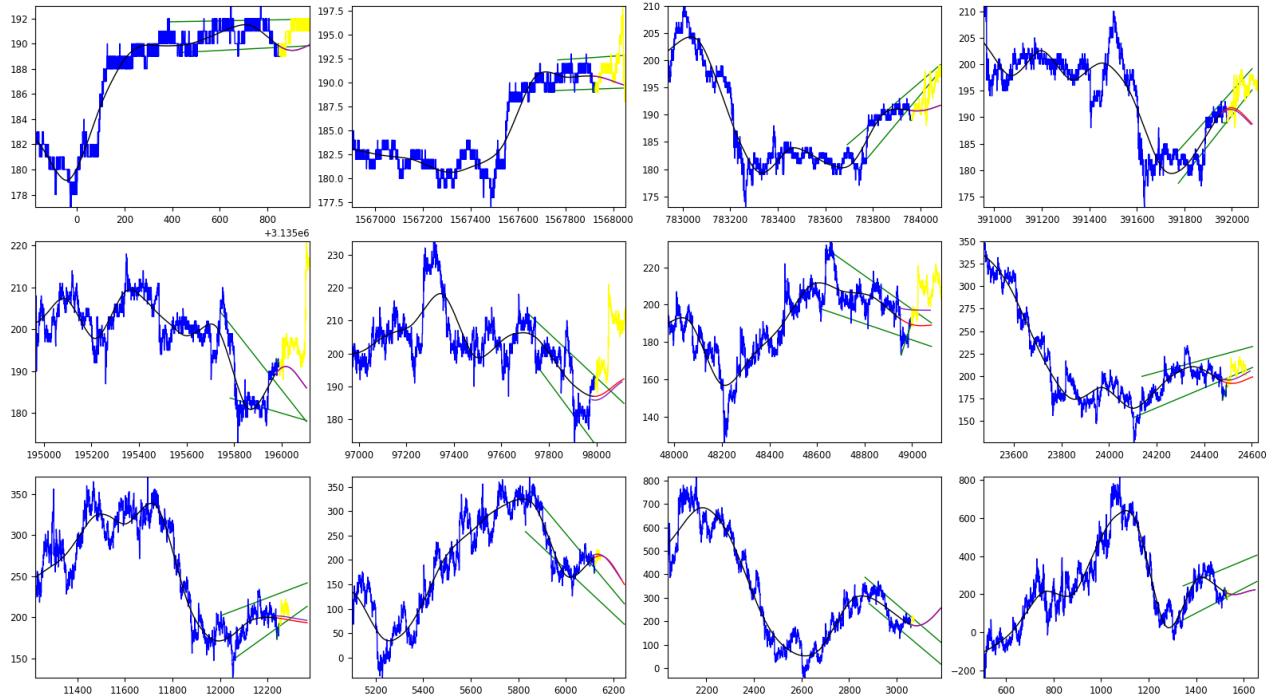
2.8 y9 3135851 3135950

3135851: ptype: 5[0] 3[1] 5[2] 6[3,4] 2[5] 3[6] 5[7] 3[8] 6[9] 5[10,11]

dir: -1[0,1,2] 1[3,4,5] -1[6,7,8] 1[9] -1[10,11]

otp: -1[0,1,2,3] 1[4] 0[5,6] -1[7] 0[8] 1[9] 0[10,11]

cshape: 3[0,1] 5[2] 1[3] 3[4] 5[5] 2[6] 5[7] 3[8] 1[9,10,11]

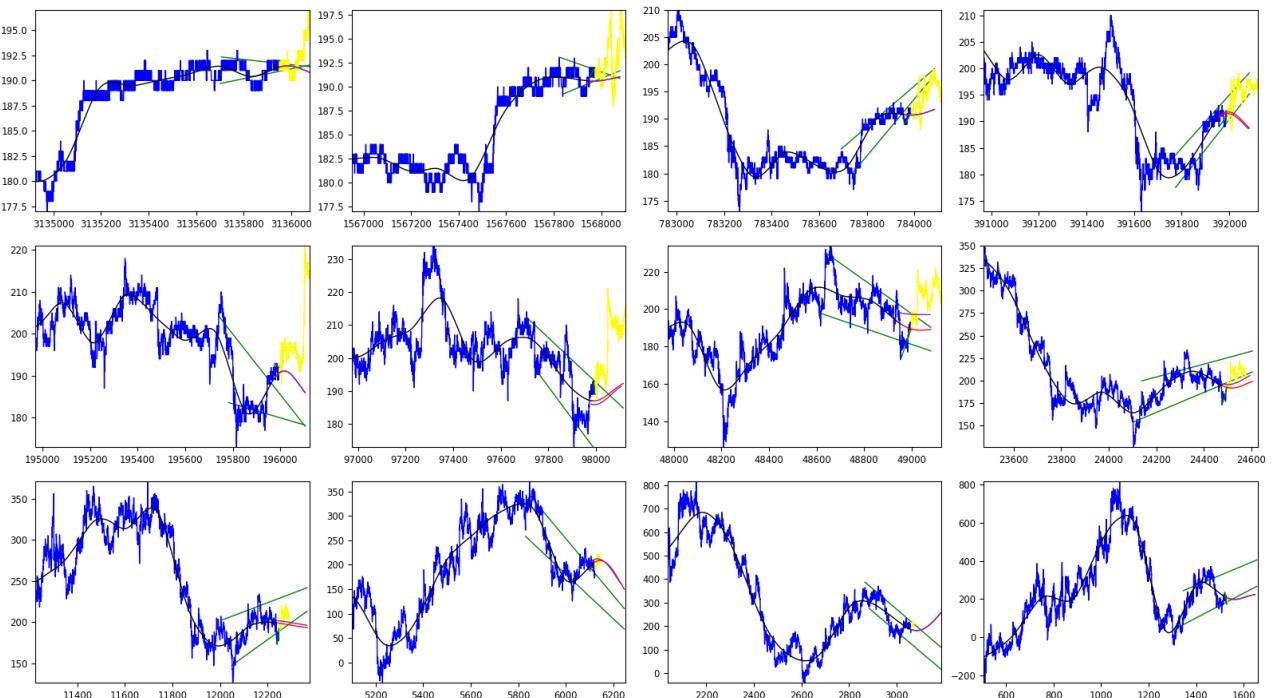


3135950: ptype: 4[0] 2[1] 5[2] 6[3,4] 2[5] 3[6] 5[7] 3[8] 6[9] 5[10,11]

dir: 1[0,1] -1[2] 1[3,4,5] -1[6,7,8] 1[9] -1[10,11]

otp: 1[0,1] -1[2] 0[3] 1[4] 0[5,6] -1[7] 0[8] 1[9] 0[10,11]

cshape: 2[0] 3[1] 5[2] 1[3] 3[4] 5[5] 2[6] 5[7] 3[8] 1[9,10,11]



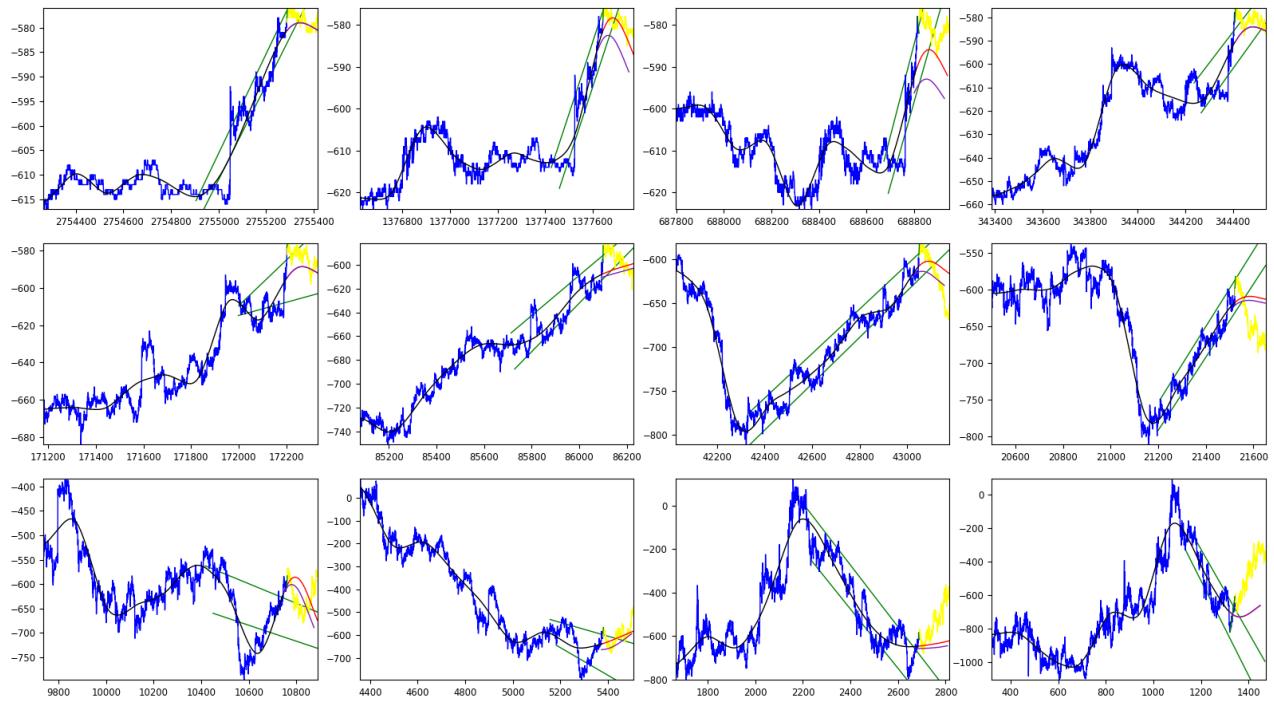
2.9 OI 2755290 2755400

2755290: ptype: 6[0,1,2] 4[3,4] 2[5] 6[6] 4[7] 6[8] 2[9,10] 7[11]

dir: 1[0,1,2,3,4,5,6,7,8,9,10] -1[11]

otp: 1[0,1,2,3,4,5,6,7,8,9,10,11]

cshape: 1[0,1,2,3] 3[4] 1[5,6,7] 5[8] 2[9] 1[10,11]

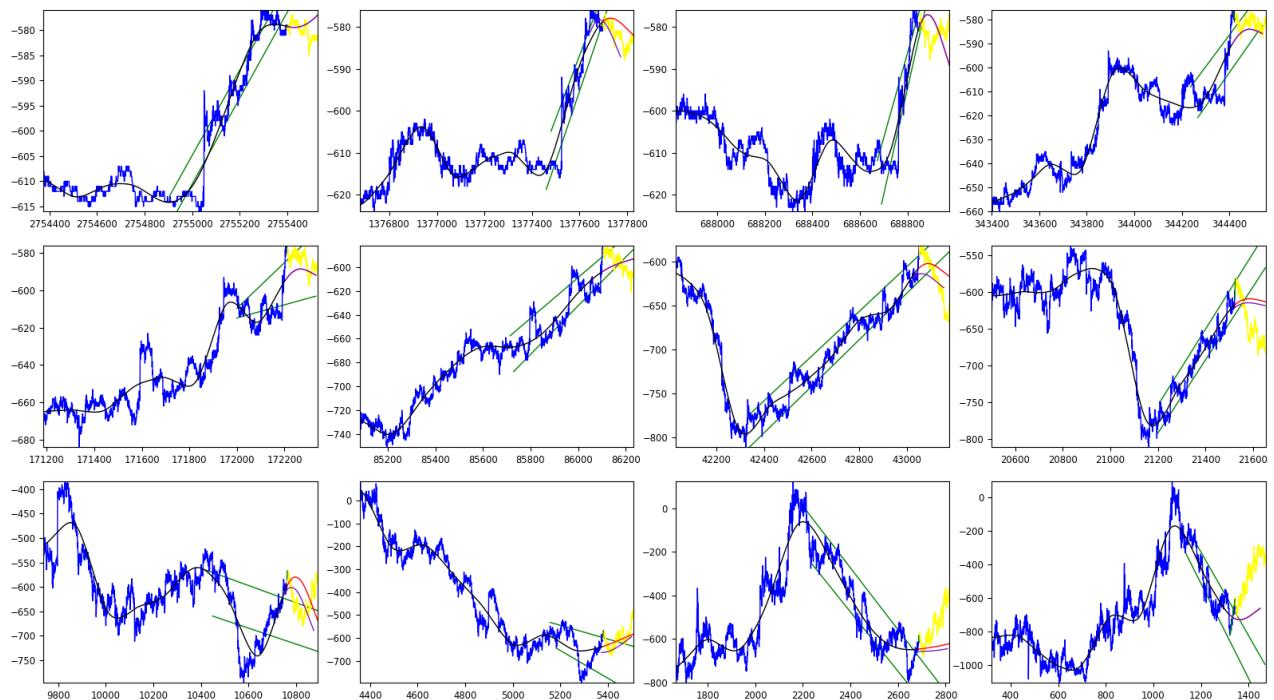


2755400: ptype: 5[0] 6[1,2] 4[3,4] 2[5] 6[6] 4[7] 6[8] 2[9,10] 7[11]

dir: -1[0] 1[1,2,3,4,5,6,7,8,9,10] -1[11]

otp: -1[0,1] 0[2] 1[3,4,5,6,7,8,9,10,11]

cshape: 1[0,1,2,3] 3[4] 1[5,6,7,8] 2[9] 1[10,11]



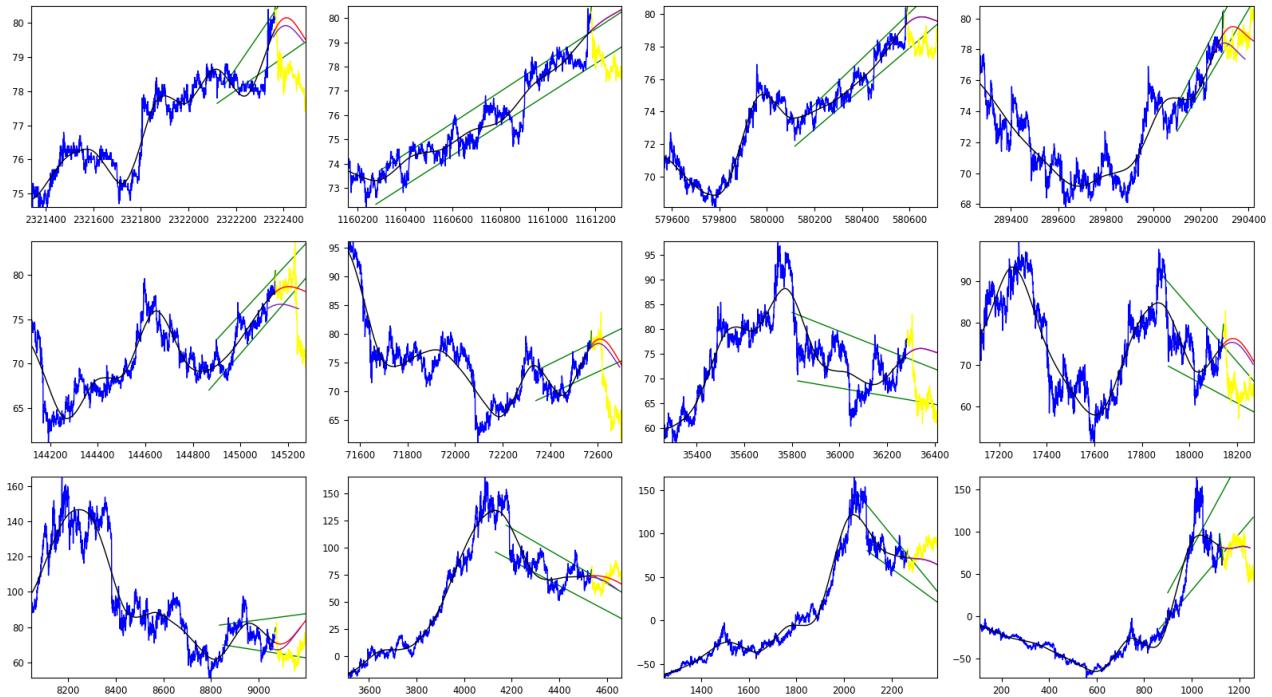
2.10 jm 2322366 2322450

2322366: ptype: 6[0] 2[1] 4[2] 6[3] 4[4] 6[5] 4[6] 6[7] 5[8] 3[9,10,11]

dir: 1[0,1,2,3,4,5,6,7] -1[8,9,10,11]

otp: 1[0,1,2,3,4,5,6,7] 0[8] 1[9,10] 0[11]

cshape: 3[0] 1[1,2,3,4,5] 3[6,7,8] 1[9] 3[10] 5[11]

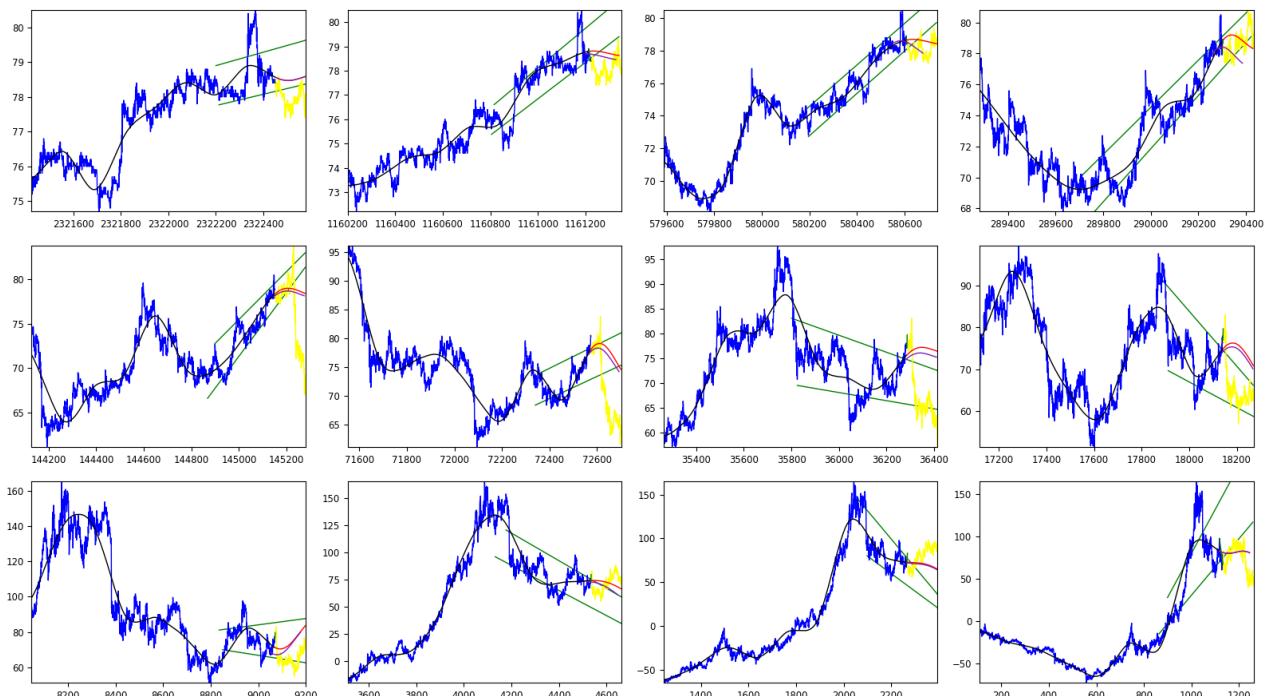


2322450: ptype: 5[0] 4[1,2] 6[3] 4[4] 6[5] 4[6] 6[7] 5[8] 3[9,10,11]

dir: -1[0] 1[1,2,3,4,5,6,7] -1[8,9,10,11]

otp: 0[0] -1[1] 0[2,3,4,5] 1[6,7] 0[8] 1[9,10] 0[11]

cshape: 1[0,1,2,3,4,5] 3[6,7,8] 1[9] 3[10] 5[11]



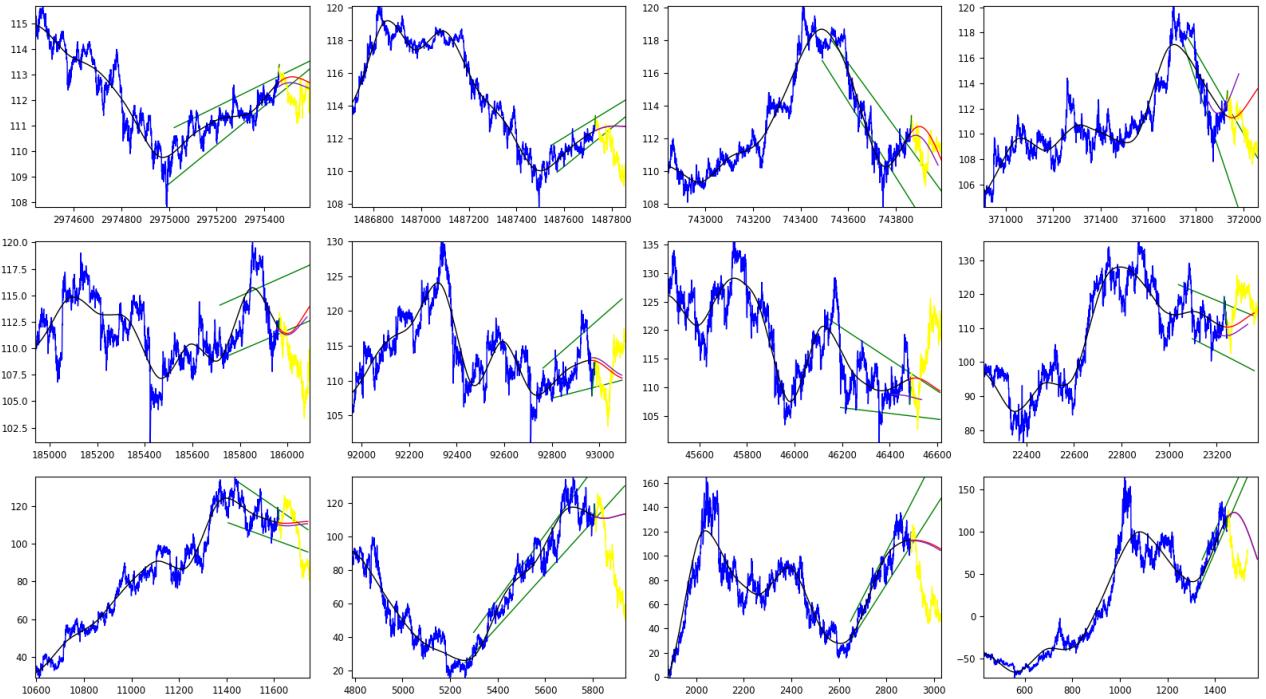
2.11 jm 2975464 2975550

2975464: ptype: 4[0] 2[1] 6[2] 7[3,4] 3[5] 4[6] 2[7] 5[8,9] 3[10] 6[11]

dir: 1[0,1,2] -1[3,4,5] 1[6,7] -1[8,9,10] 1[11]

otp: 1[0,1,2,3] 0[4,5] 1[6] 0[7,8,9,10,11]

cshape: 5[0,1] 1[2] 5[3] 1[4] 3[5,6] 5[7] 2[8] 1[9,10,11]

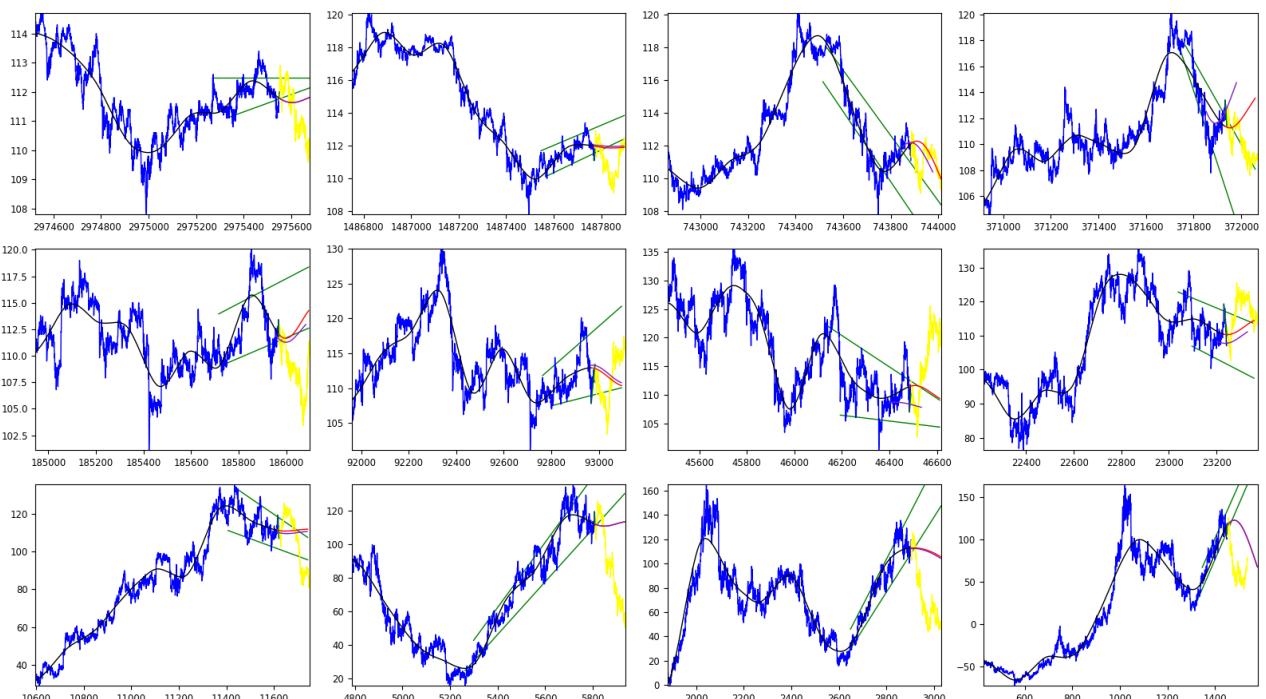


2975550: ptype: 5[0] 3[1] 6[2] 7[3,4] 3[5] 4[6] 2[7] 5[8,9] 3[10] 6[11]

dir: -1[0,1] 1[2] -1[3,4,5] 1[6,7] -1[8,9,10] 1[11]

otp: 0[0,1] 1[2,3] 0[4,5,6,7,8,9,10,11]

cshape: 3[0] 1[1,2] 5[3] 1[4] 3[5,6] 5[7] 2[8] 1[9,10,11]



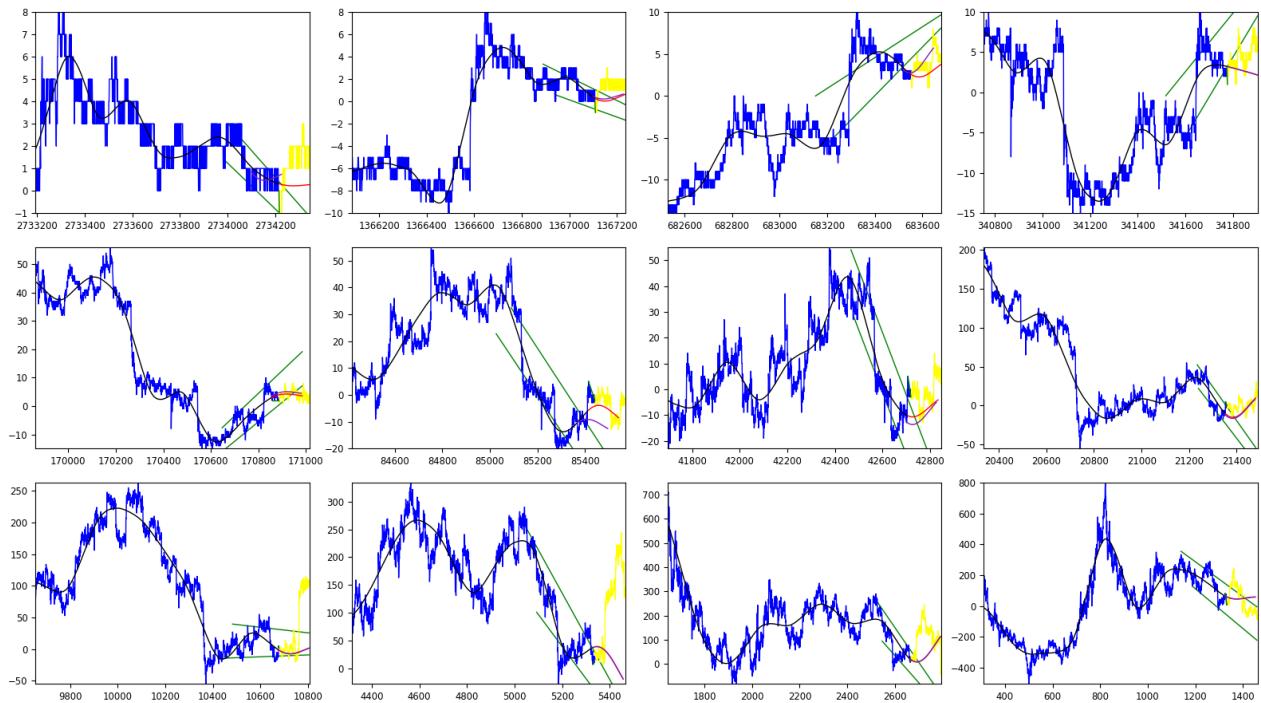
2.12 RM 2734218 2734250

2734218: ptype: 5[0,1] 7[2] 3[3] 4[4] 6[5] 5[6] 7[7] 5[8] 4[9] 7[10] 5[11]

dir: -1[0,1,2,3] 1[4,5] -1[6,7,8] 1[9] -1[10,11]

otp: -1[0,1,2,3,4] 1[5,6,7] 0[8,9,10,11]

cshape: 1[0] 5[1,2] 1[3,4,5,6,7] 3[8] 1[9,10,11]

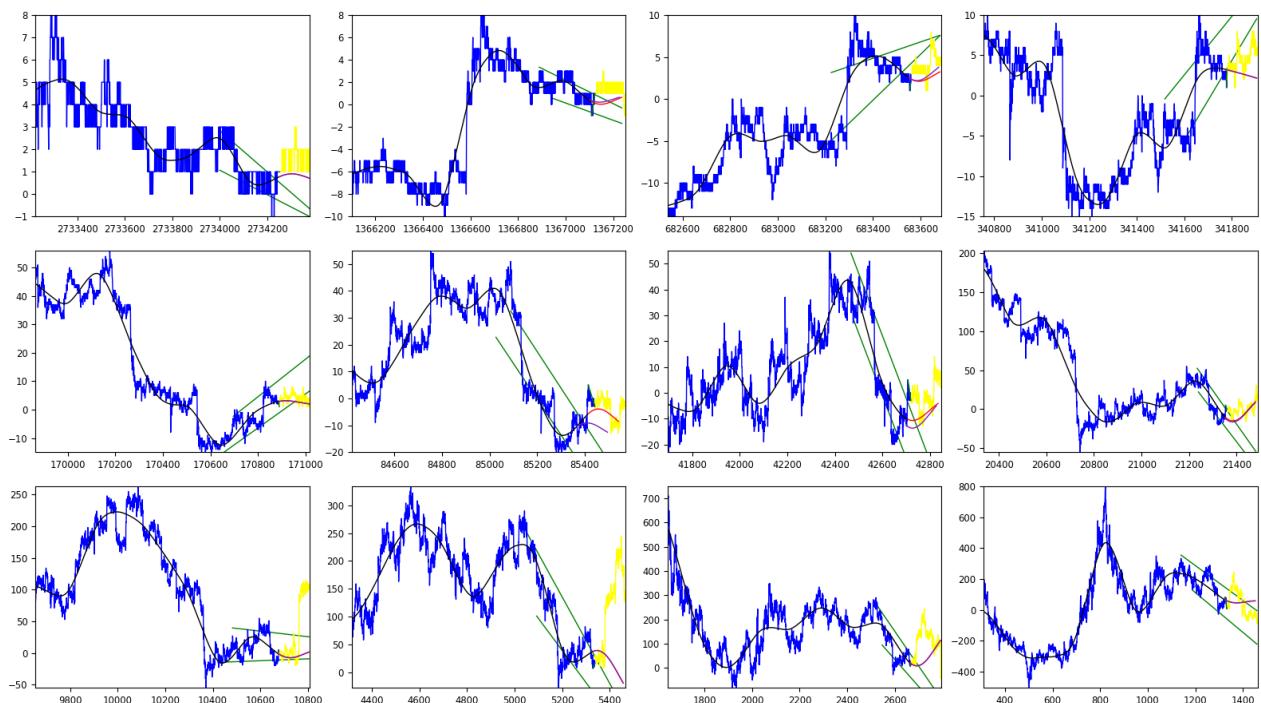


2734250: ptype: 4[0] 5[1] 7[2] 3[3] 4[4] 6[5] 5[6] 7[7] 5[8] 4[9] 7[10] 5[11]

dir: 1[0] -1[1,2,3] 1[4,5] -1[6,7,8] 1[9] -1[10,11]

otp: 1[0,1] -1[2,3] 0[4] 1[5,6,7] 0[8,9,10,11]

cshape: 3[0] 5[1] 3[2] 1[3,4,5,6,7] 3[8] 1[9,10,11]



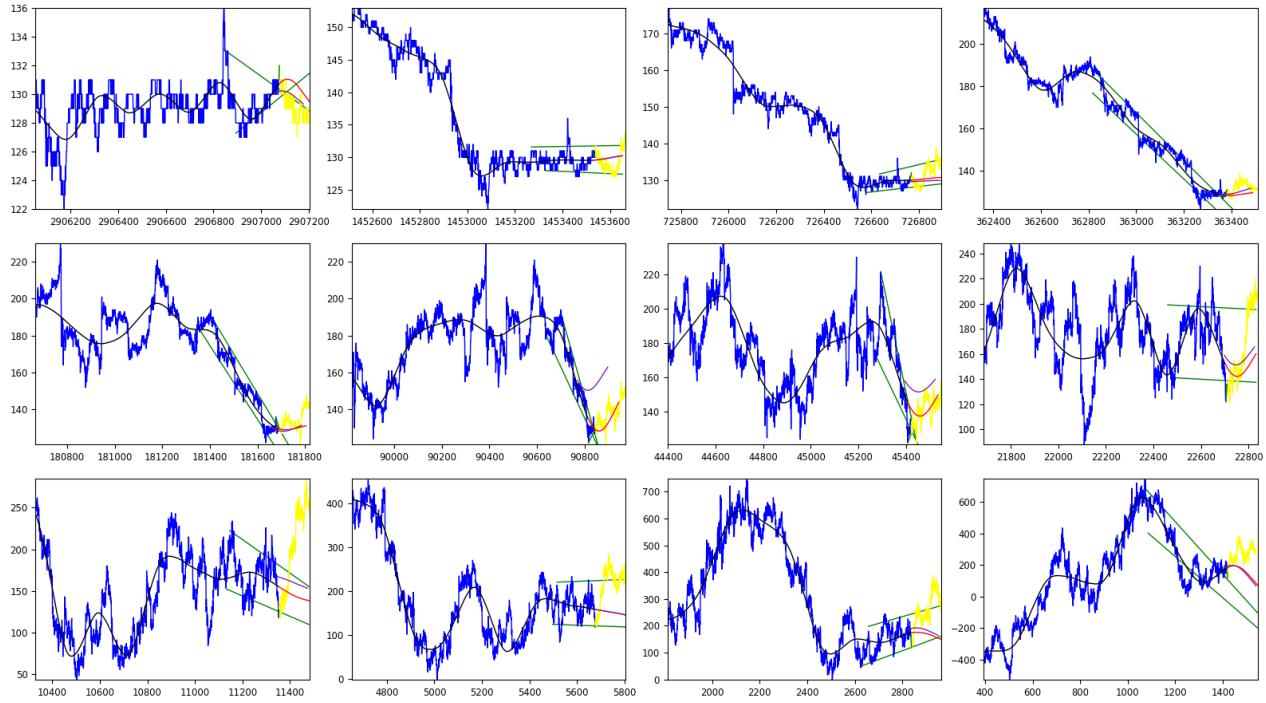
2.13 p9 2907077 2907150

2907077: ptype: 6[0] 2[1,2] 5[3,4] 7[5,6,7] 3[8,9] 4[10,11]

dir: 1[0,1,2] -1[3,4,5,6,7,8,9] 1[10,11]

otp: 1[0,1] 0[2] 1[3,4,5] 0[6] -1[7] 0[8,9,10] 1[11]

cshape: 3[0] 1[1] 3[2] 1[3,4,5] 5[6] 1[7] 3[8,9] 5[10] 1[11]

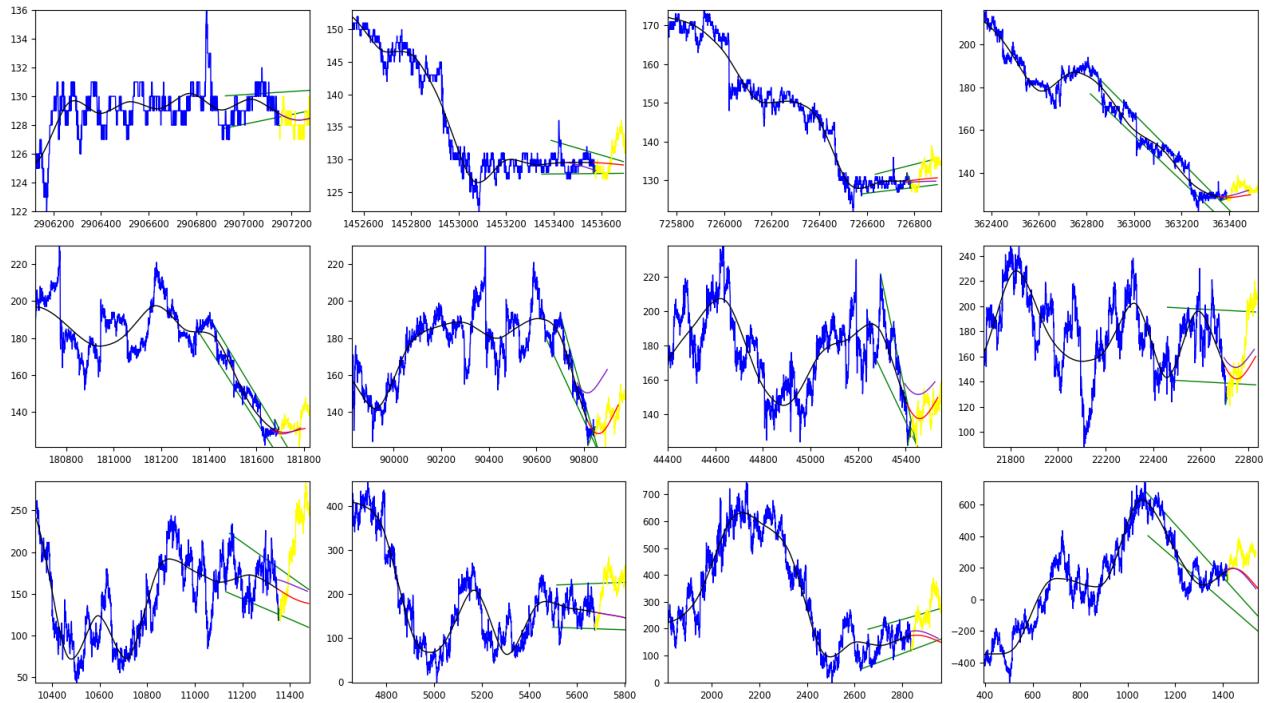


2907150: ptype: 5[0] 3[1] 2[2] 5[3,4] 7[5,6,7] 3[8,9] 4[10,11]

dir: -1[0,1] 1[2] -1[3,4,5,6,7,8,9] 1[10,11]

otp: -1[0] 0[1] -1[2] 1[3] 0[4] 1[5] -1[6,7] 0[8,9,10] 1[11]

cshape: 3[0,1,2] 1[3,4,5] 5[6] 1[7] 3[8,9] 5[10] 1[11]



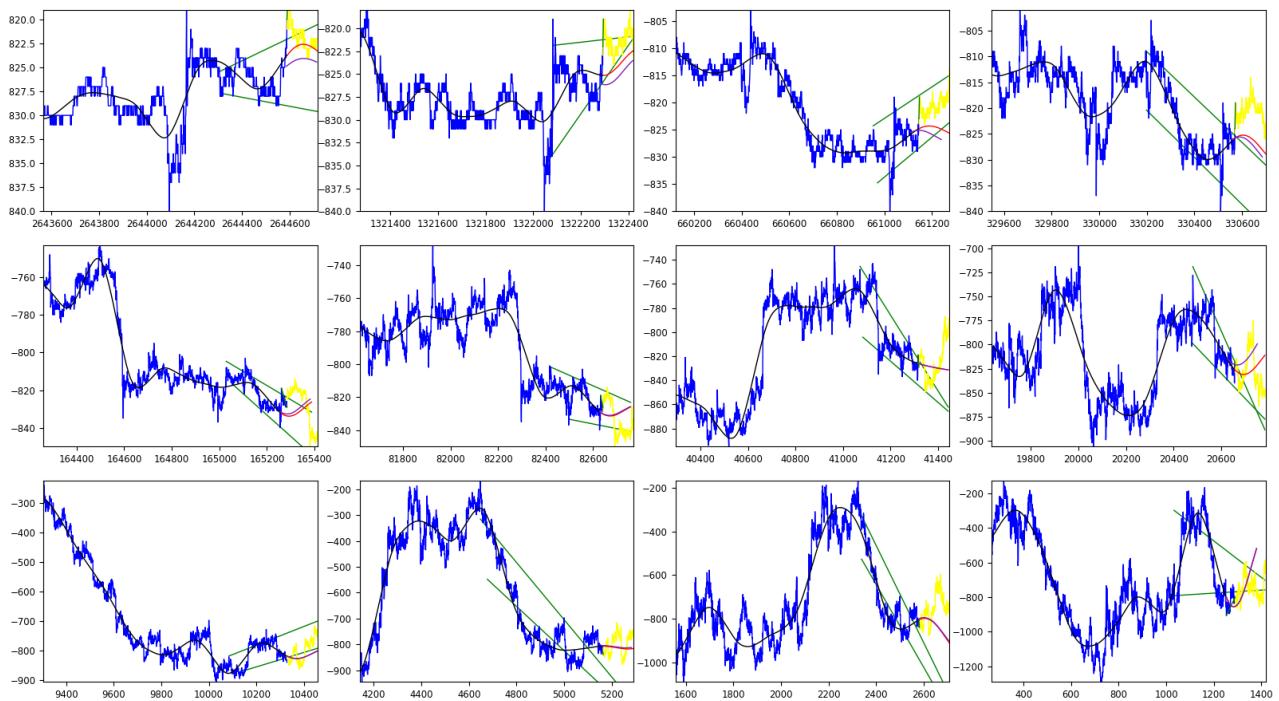
2.14 a9 2644591 2644750

2644591: ptype: 6[0] 2[1] 4[2] 6[3] 7[4,5] 3[6] 7[7] 5[8,9] 4[10] 7[11]

dir: 1[0,1,2,3] -1[4,5,6,7,8,9] 1[10] -1[11]

otp: 1[0,1] 0[2] 1[3,4] 0[5] 1[6,7] 0[8] 1[9,10] -1[11]

cshape: 3[0,1] 1[2,3] 3[4,5,6,7] 5[8] 1[9,10] 2[11]

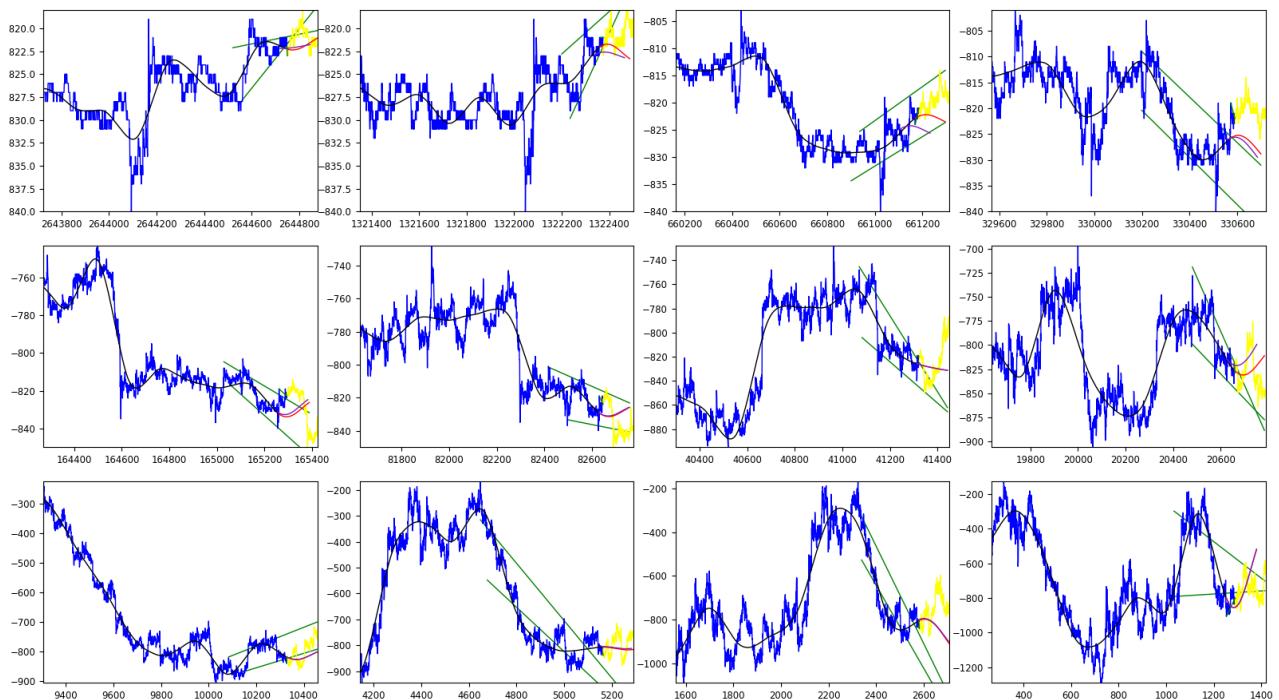


2644750: ptype: 5[0] 6[1] 4[2] 6[3] 7[4,5] 3[6] 7[7] 5[8,9] 4[10] 7[11]

dir: -1[0] 1[1,2,3] -1[4,5,6,7,8,9] 1[10] -1[11]

otp: -1[0,1] 0[2] 1[3,4] 0[5] 1[6] 0[7] -1[8] 1[9,10] -1[11]

cshape: 3[0,1] 1[2,3] 3[4,5,6,7] 5[8] 1[9,10] 2[11]



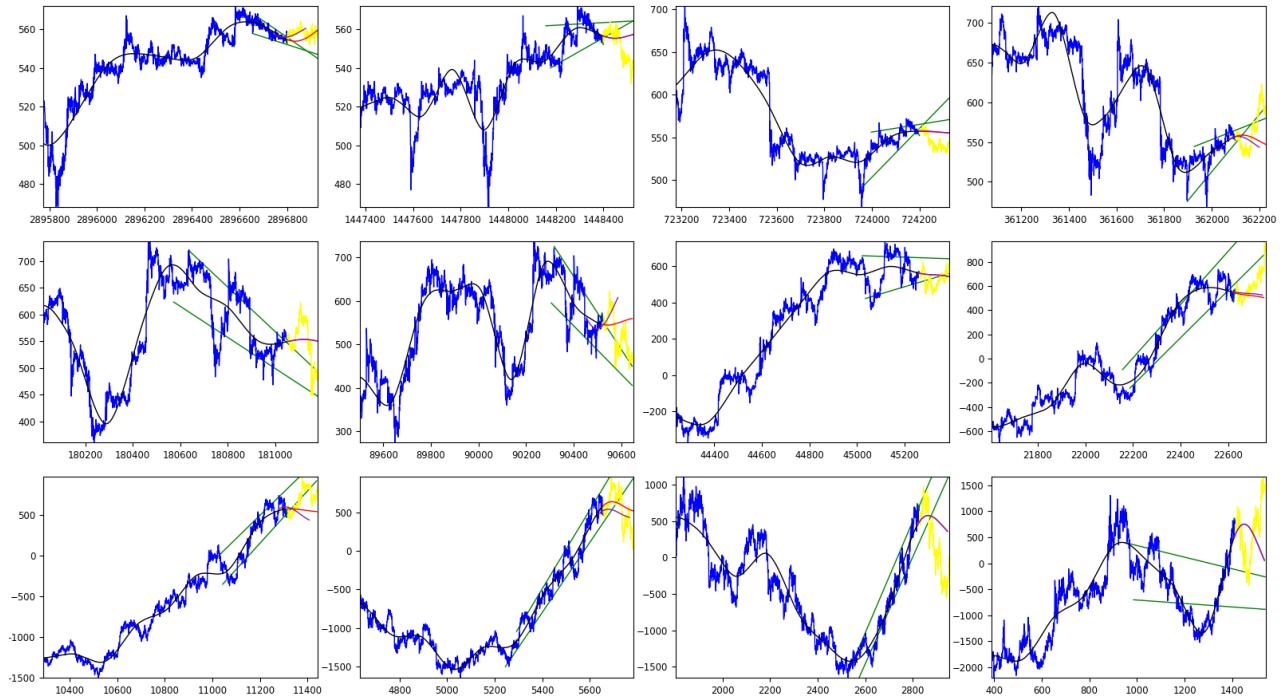
2.15 ni 2896801 2896850

2896801: ptype: 5[0,1] 1[2] 4[3,4] 5[5] 3[6,7,8] 6[9,10,11]

dir: -1[0,1] 0[2] 1[3,4] -1[5,6,7,8] 1[9,10,11]

otp: 0[0] -1[1,2] 0[3] 1[4,5] 0[6] -1[7] 0[8,9,10] 1[11]

cshape: 3[0,1,2,3] 5[4,5] 3[6] 1[7,8,9,10] 2[11]

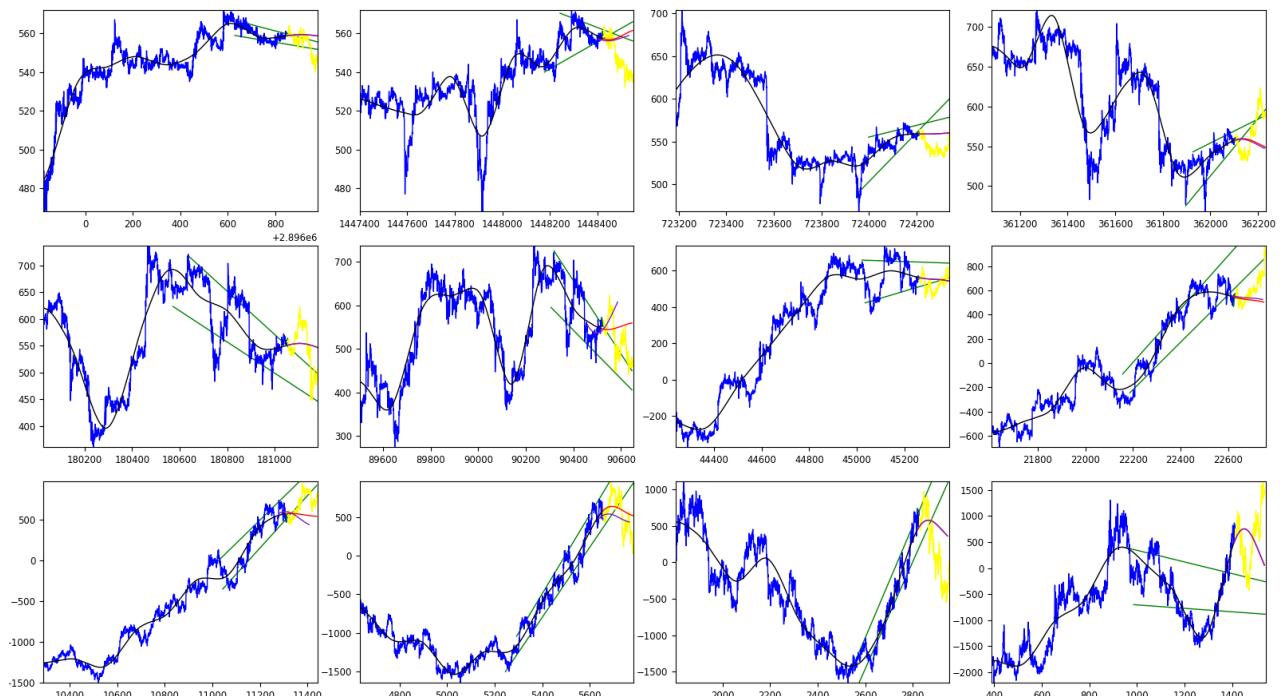


2896850: ptype: 4[0] 5[1] 1[2] 4[3,4] 5[5] 3[6,7,8] 6[9,10,11]

dir: 1[0] -1[1] 0[2] 1[3,4] -1[5,6,7,8] 1[9,10,11]

otp: 1[0] 0[1] -1[2] 0[3] 1[4,5] 0[6] -1[7] 0[8,9,10] 1[11]

cshape: 3[0,1,2,3] 5[4,5] 3[6] 1[7,8,9,10] 2[11]



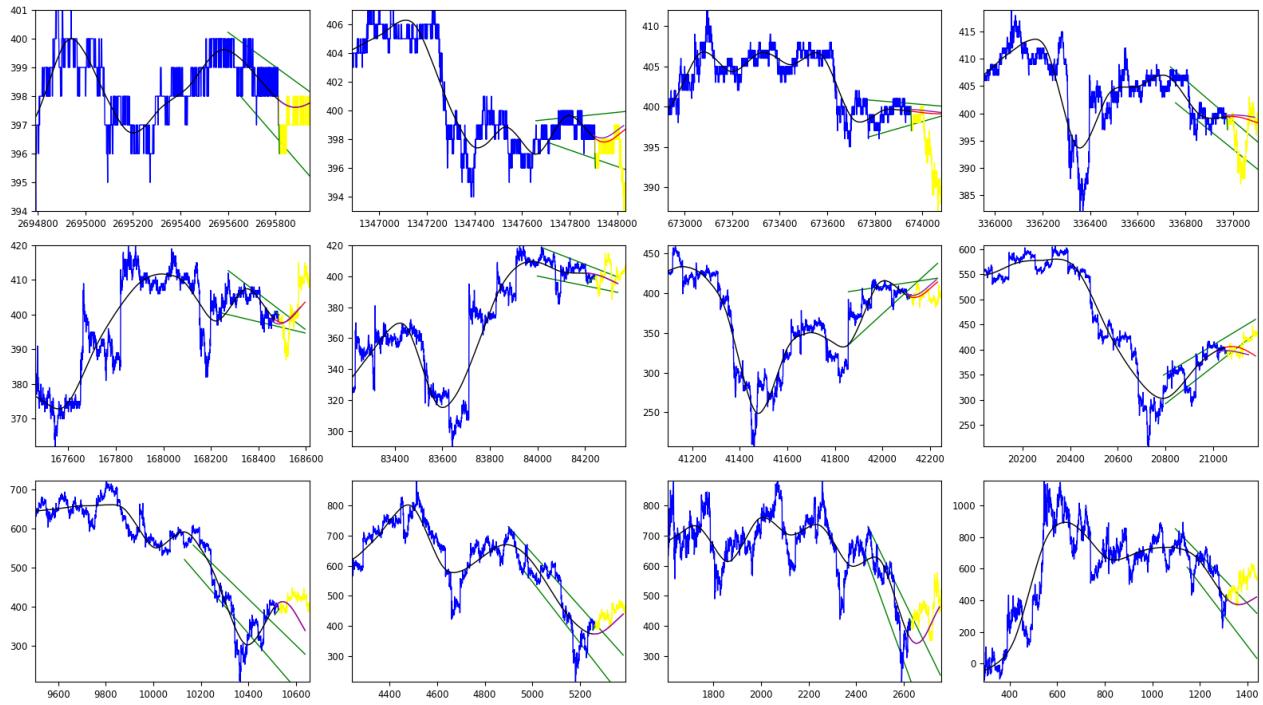
2.16 ag 2695816 2695950

2695816: ptype: 5[0] 7[1] 3[2,3] 7[4] 3[5] 5[6] 4[7] 6[8] 2[9] 7[10,11]

dir: -1[0,1,2,3,4,5,6] 1[7,8,9] -1[10,11]

otp: -1[0,1,2] 0[3] -1[4] 0[5] -1[6] 0[7] 1[8] 0[9,10,11]

cshape: 1[0] 3[1] 2[2] 1[3] 3[4,5,6] 1[7,8,9,10,11]

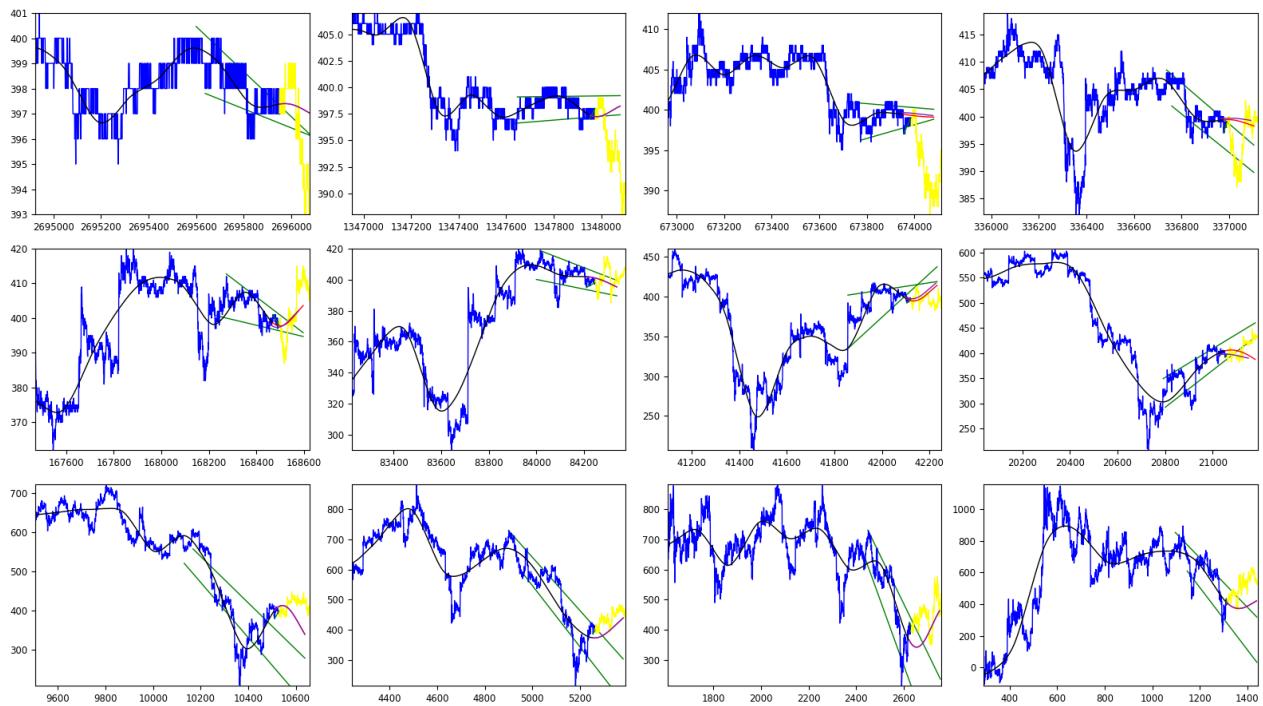


2695950: ptype: 4[0] 7[1] 3[2,3] 7[4] 3[5] 5[6] 4[7] 6[8] 2[9] 7[10,11]

dir: 1[0] -1[1,2,3,4,5,6] 1[7,8,9] -1[10,11]

otp: 0[0] -1[1,2] 0[3,4,5] -1[6] 0[7] 1[8] 0[9,10,11]

cshape: 1[0] 3[1] 2[2] 1[3] 3[4,5,6] 1[7,8,9,10,11]



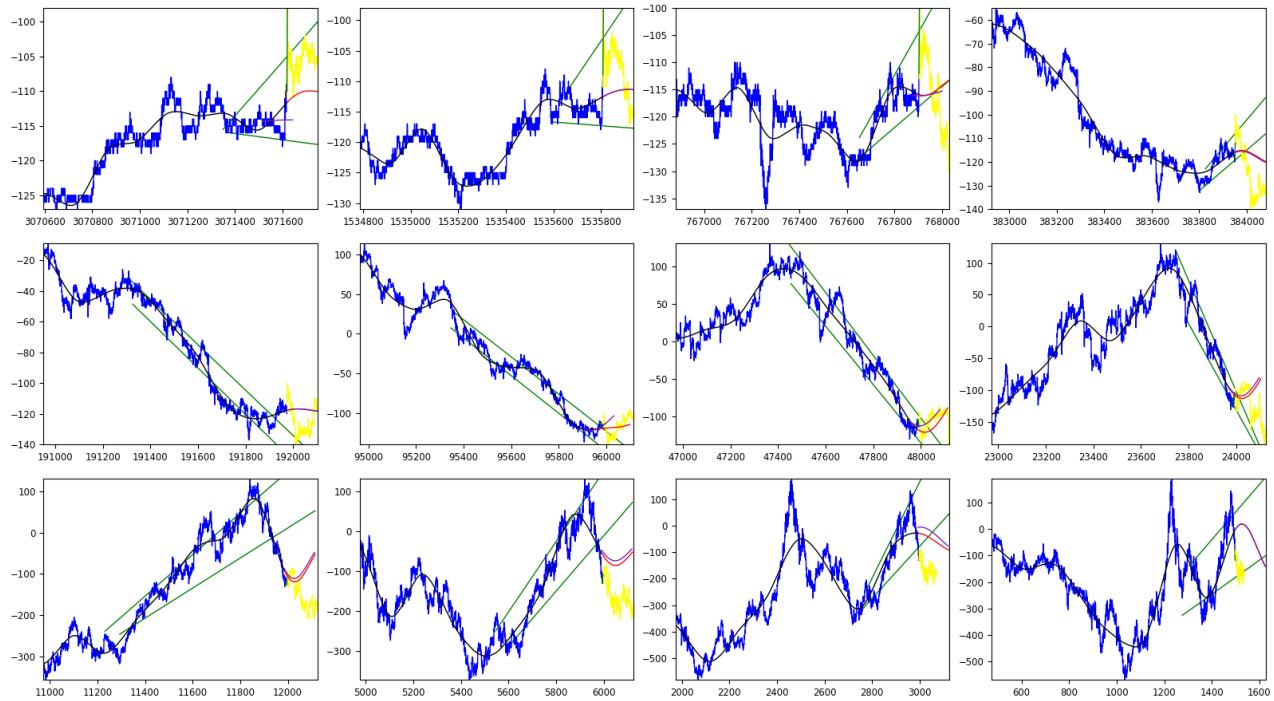
2.17 v9 3071620 3071772

3071620: ptype: 4[0] 2[1] 5[2] 4[3,4] 2[5] 7[6,7,8,9] 3[10] 6[11]

dir: 1[0,1] -1[2] 1[3,4,5] -1[6,7,8,9,10] 1[11]

otp: 1[0,1,2,3,4,5,6,7] -1[8,9,10] 0[11]

cshape: 3[0,1,2] 1[3,4,5,6,7] 5[8] 1[9] 5[10,11]

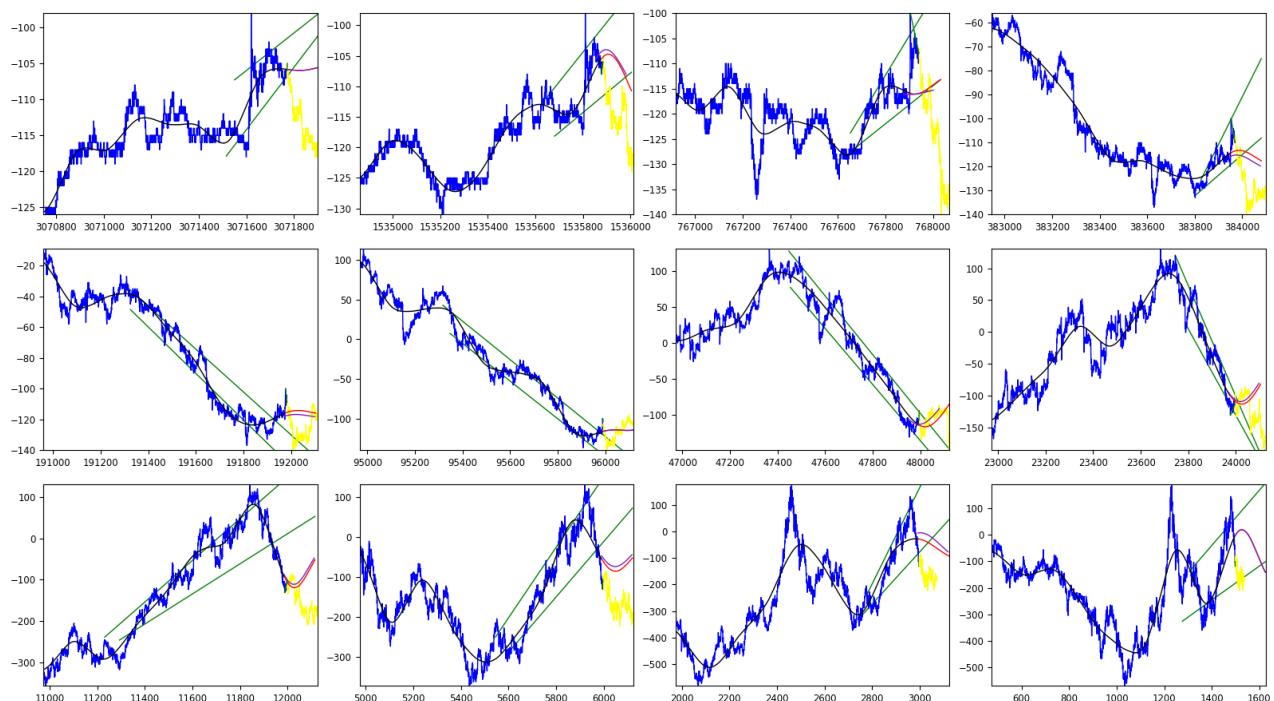


3071772: ptype: 5[0] 6[1] 5[2] 4[3,4] 2[5] 7[6,7,8,9] 3[10] 6[11]

dir: -1[0] 1[1] -1[2] 1[3,4,5] -1[6,7,8,9,10] 1[11]

otp: 0[0,1,2,3] 1[4,5] 0[6,7] -1[8,9,10] 0[11]

cshape: 5[0] 4[1] 3[2,3] 1[4,5,6,7] 5[8] 1[9] 5[10,11]



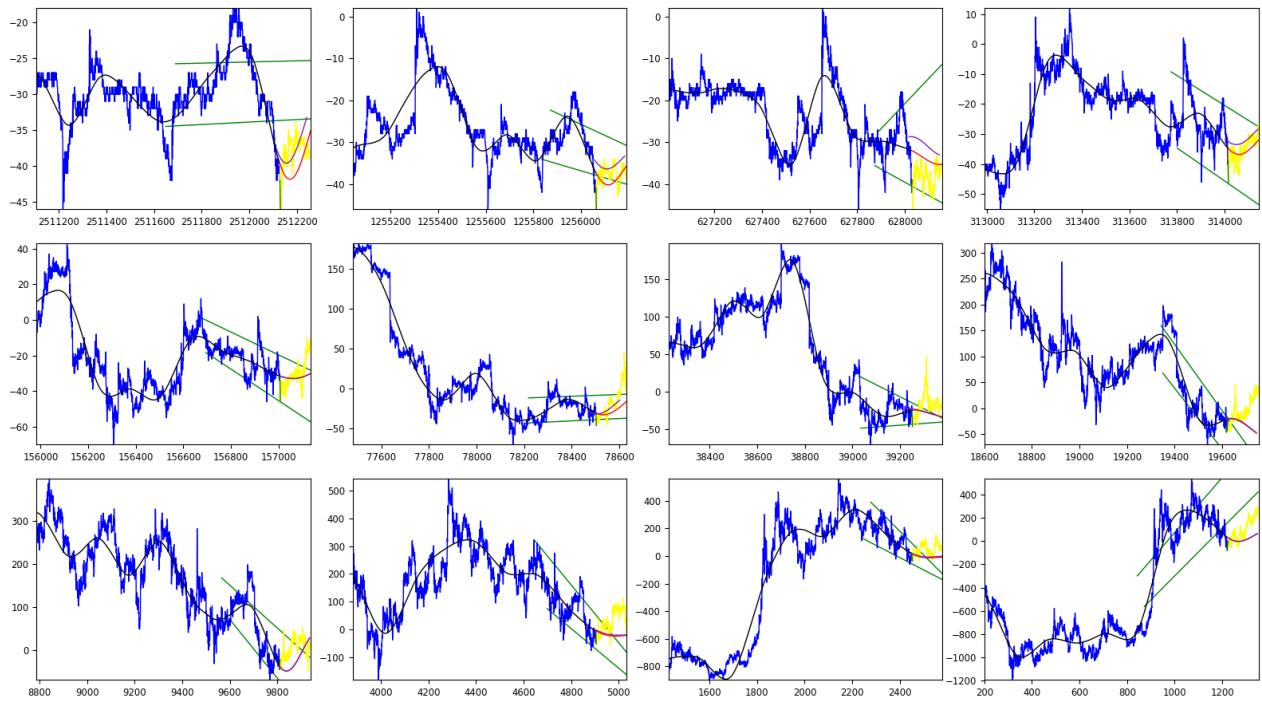
2.18 cu 2512131 2512200

2512131: ptype: 7[0,1] 3[2] 7[3] 5[4,5] 3[6] 4[7] 7[8] 5[9,10,11]

dir: -1[0,1,2,3,4,5,6] 1[7] -1[8,9,10,11]

otp: -1[0,1,2] 0[3,4] -1[5,6] 0[7,8,9,10] -1[11]

cshape: 3[0,1,2] 1[3] 5[4,5] 3[6] 1[7] 5[8,9] 2[10] 1[11]

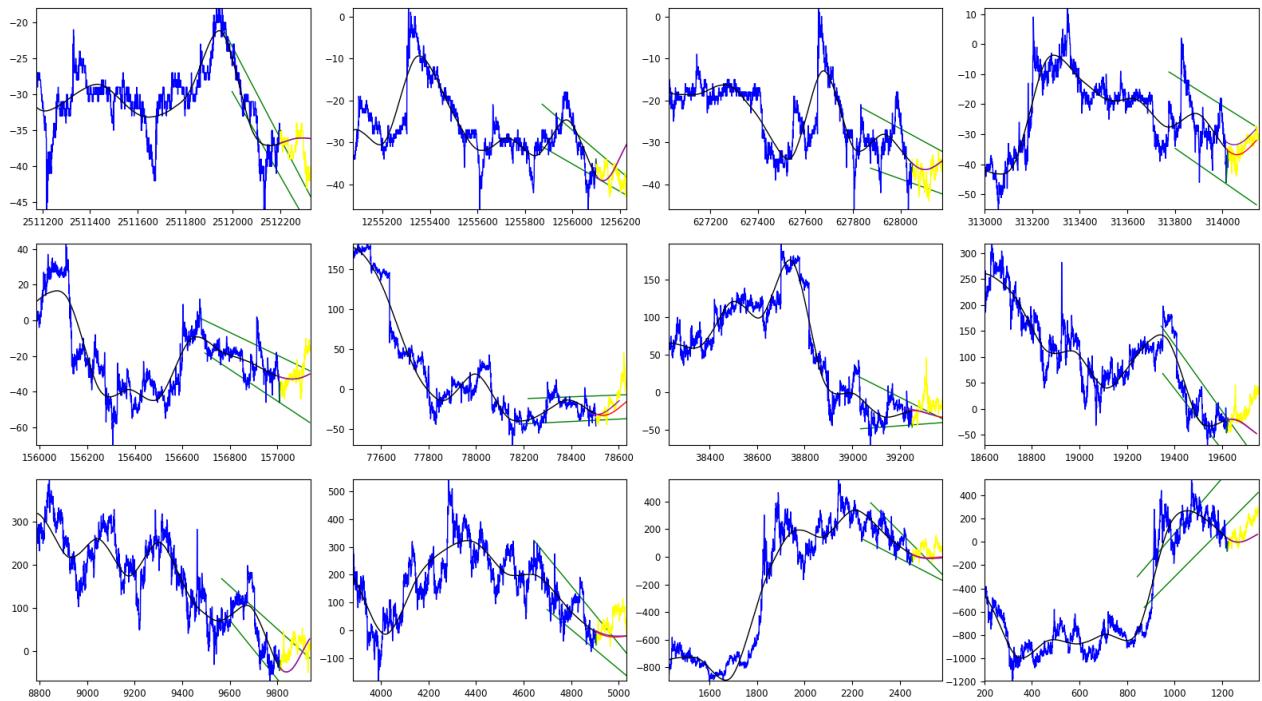


2512200: ptype: 4[0] 7[1,2,3] 5[4,5] 3[6] 4[7] 7[8] 5[9,10,11]

dir: 1[0] -1[1,2,3,4,5,6] 1[7] -1[8,9,10,11]

otp: 1[0] 0[1,2,3,4,5,6,7,8,9,10] -1[11]

cshape: 1[0] 3[1,2] 1[3] 5[4,5] 3[6] 1[7] 5[8,9] 2[10] 1[11]



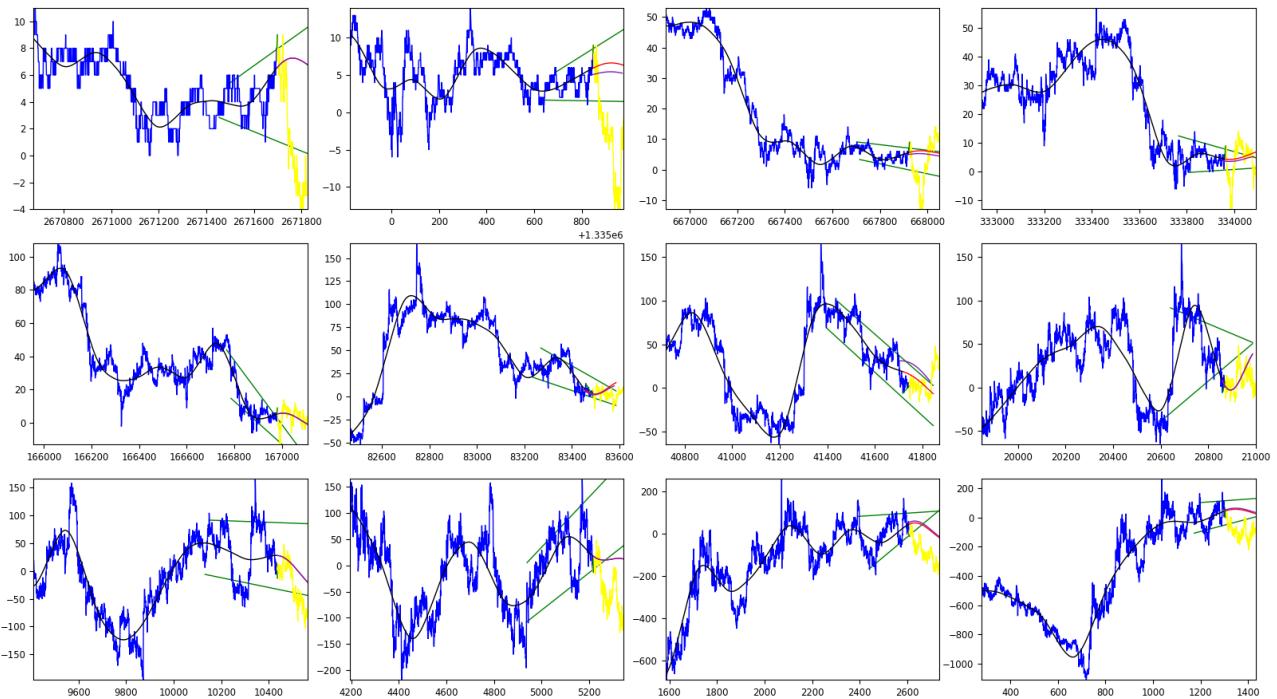
2.19 CF 2671699 2671764

2671699: ptype: 6[0] 4[1,2] 5[3] 4[4] 7[5] 3[6] 7[7] 3[8,9] 4[10,11]

dir: 1[0,1,2] -1[3] 1[4] -1[5,6,7,8,9] 1[10,11]

otp: 1[0,1,2,3,4] 0[5,6] -1[7] 0[8,9,10,11]

cshape: 3[0,1,2,3] 5[4] 3[5] 1[6] 3[7,8] 1[9] 3[10,11]

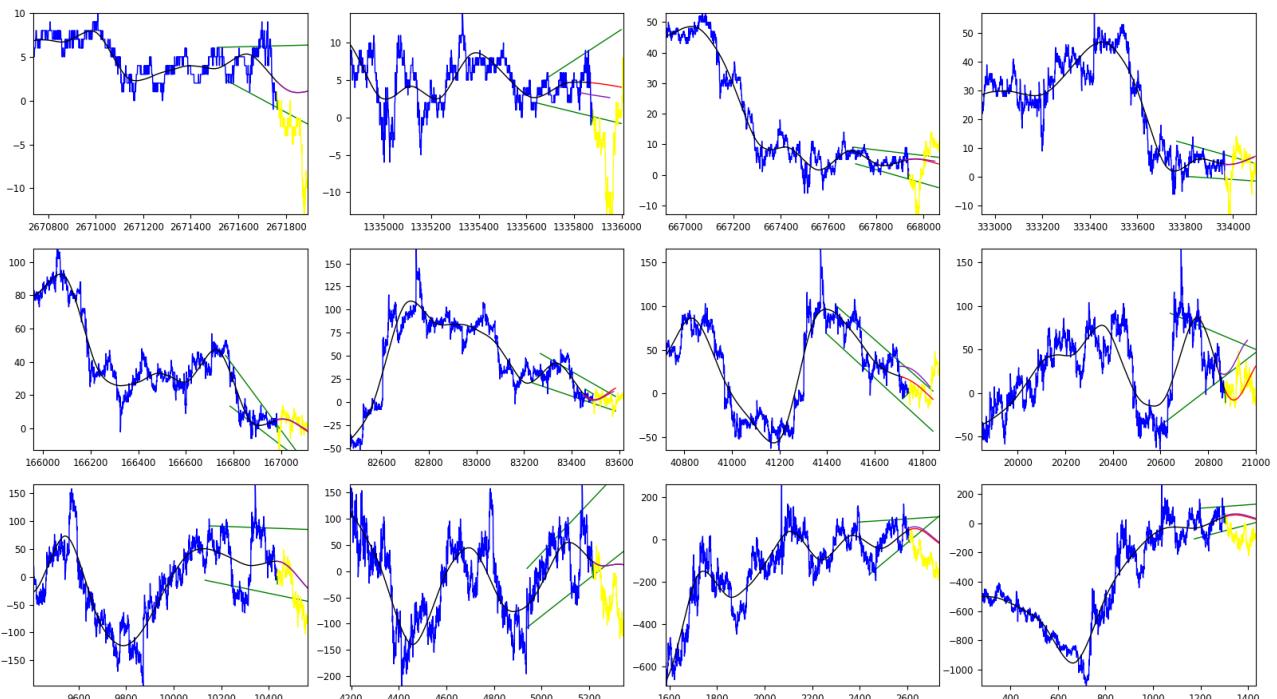


2671764: ptype: 5[0] 3[1] 4[2] 5[3] 4[4] 7[5] 3[6] 7[7] 3[8,9] 4[10,11]

dir: -1[0,1] 1[2] -1[3] 1[4] -1[5,6,7,8,9] 1[10,11]

otp: -1[0,1] 0[2] -1[3] 0[4,5,6] -1[7] 0[8,9,10,11]

cshape: 2[0] 3[1,2,3,4,5] 1[6] 3[7,8] 1[9] 3[10,11]



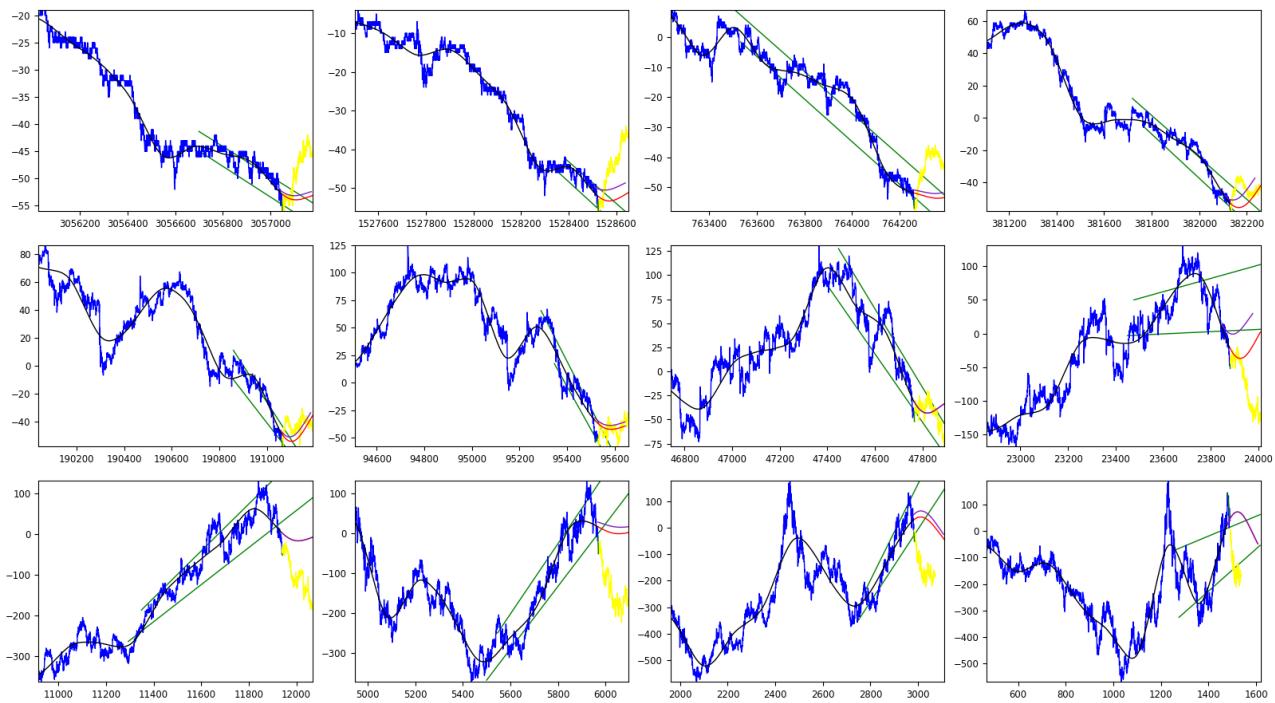
2.20 v9 3057051 3057138

3057051: ptype: 5[0] 7[1] 5[2] 7[3,4] 5[5] 7[6,7] 5[8,9] 6[10,11]

dir: -1[0,1,2,3,4,5,6,7,8,9] 1[10,11]

otp: -1[0,1,2,3,4,5,6,7,8,9,10] 0[11]

cshape: 1[0,1,2,3,4,5,6] 2[7] 1[8,9,10] 3[11]



3057138: ptype: 4[0] 2[1] 1[2] 7[3,4] 5[5] 7[6,7] 5[8,9] 6[10,11]

dir: 1[0,1] 0[2] -1[3,4,5,6,7,8,9] 1[10,11]

otp: 1[0,1,2,3] 0[4,5] -1[6,7,8,9,10] 0[11]

cshape: 3[0] 1[1,2,3,4,5,6] 2[7] 1[8,9,10] 3[11]

