

Analysis For Eureka

v3-3 part 3

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Feb, 2018

1 100 cases - part 3

Table 1: The One Hundred Cases to 20171108

No	Inst	Cline	Reached	Reverse	Dir	Why
	zn	-1	3119523	3119614		
	jm	-1	2251655	2251750		
	al	1	2797449	2797550		
	FG	-1	2723343	2723508		
	p9	1	2702841	2702900		
	TA	1	2875293	2875400		
	j9	-1	2856252	2856373		
	i9	1	2906813	2906863		
	OI	1	2271882	2271965		
	jm	1	3094550	3094616		
	TA	-1	2971148	2971250		
	TA	1	3028438	3028599		
	au	-1	2495461	2495480		
	j9	-1	2665664	2665750		
	bu	1	2974567	2974650		
	j9	1	2431690	2431771		
	v9	1	2575601	2575700		
	cu	-1	2972021	2972107		
	ag	1	2950810	2950950		
	p9	1	2864634	2864706		

2 Detail - part 3

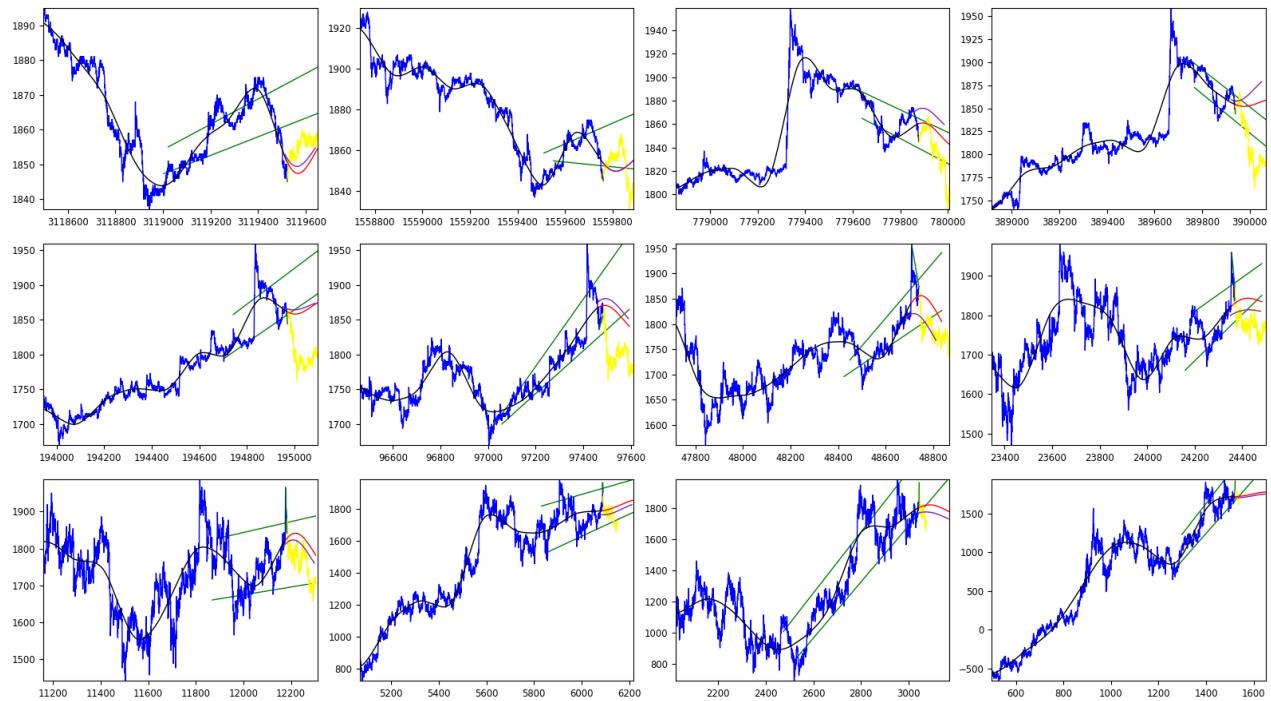
2.1 zn 3119523 3119614

3119523: ptype: 7[0,1] 4[2] 5[3,4] 4[5] 6[6] 4[7] 6[8] 2[9] 4[10] 2[11]

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

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

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

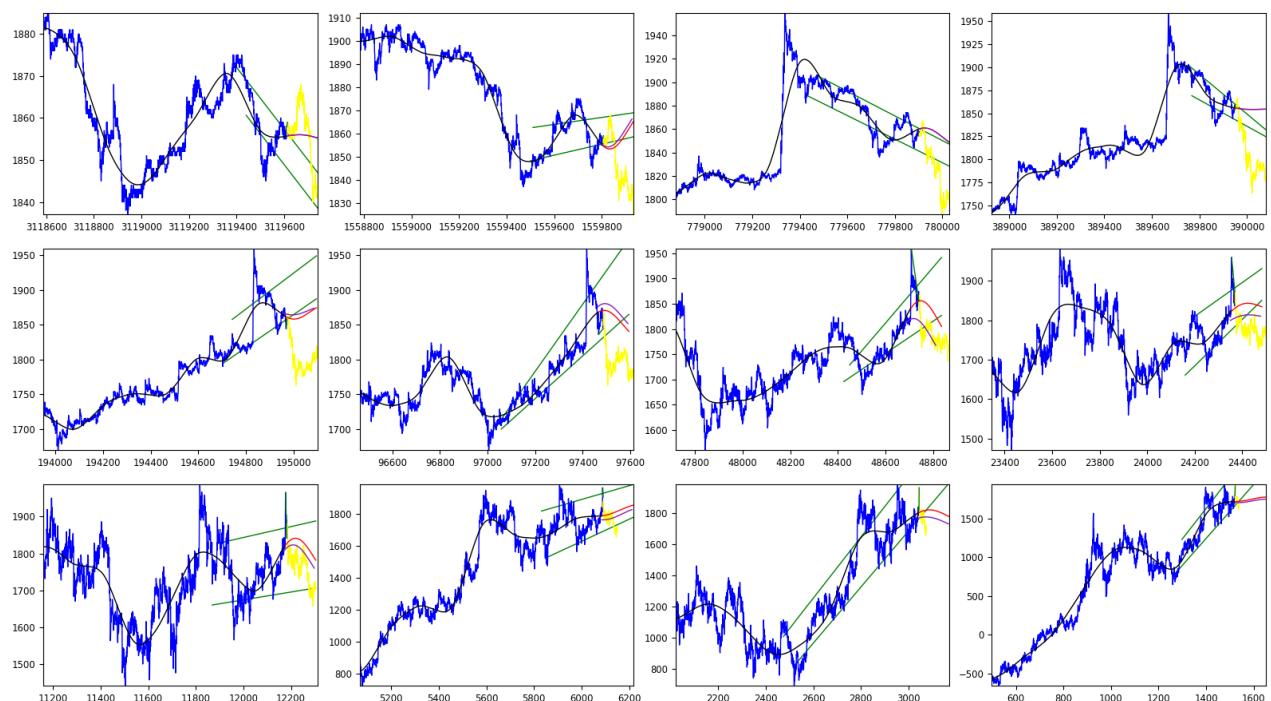


3119614: ptype: 4[0] 7[1] 4[2] 3[3] 5[4] 4[5] 6[6] 4[7] 6[8] 2[9] 4[10] 2[11]

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

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

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



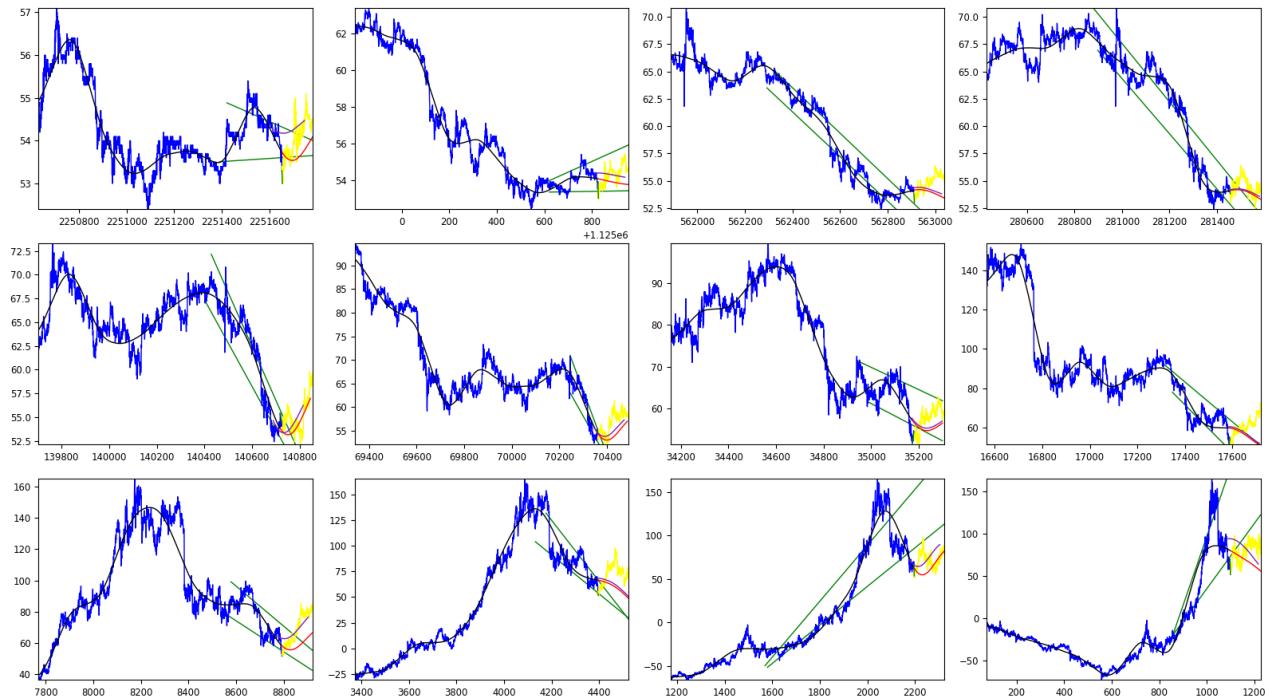
2.2 jm 2251655 2251750

2251655: ptype: 7[0] 3[1] 4[2,3] 7[4,5,6] 3[7] 7[8] 3[9] 7[10] 3[11]

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

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

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

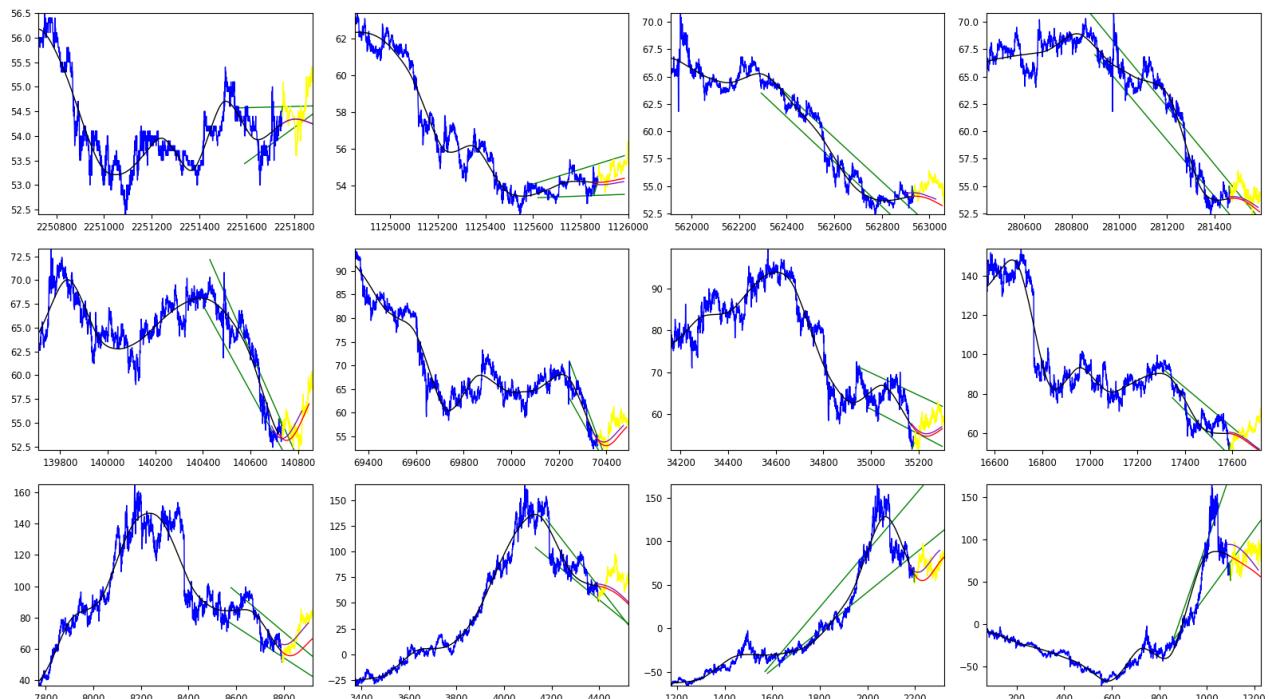


2251750: ptype: 4[0] 2[1] 3[2] 4[3] 7[4,5,6] 3[7] 7[8] 3[9] 7[10] 3[11]

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

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

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



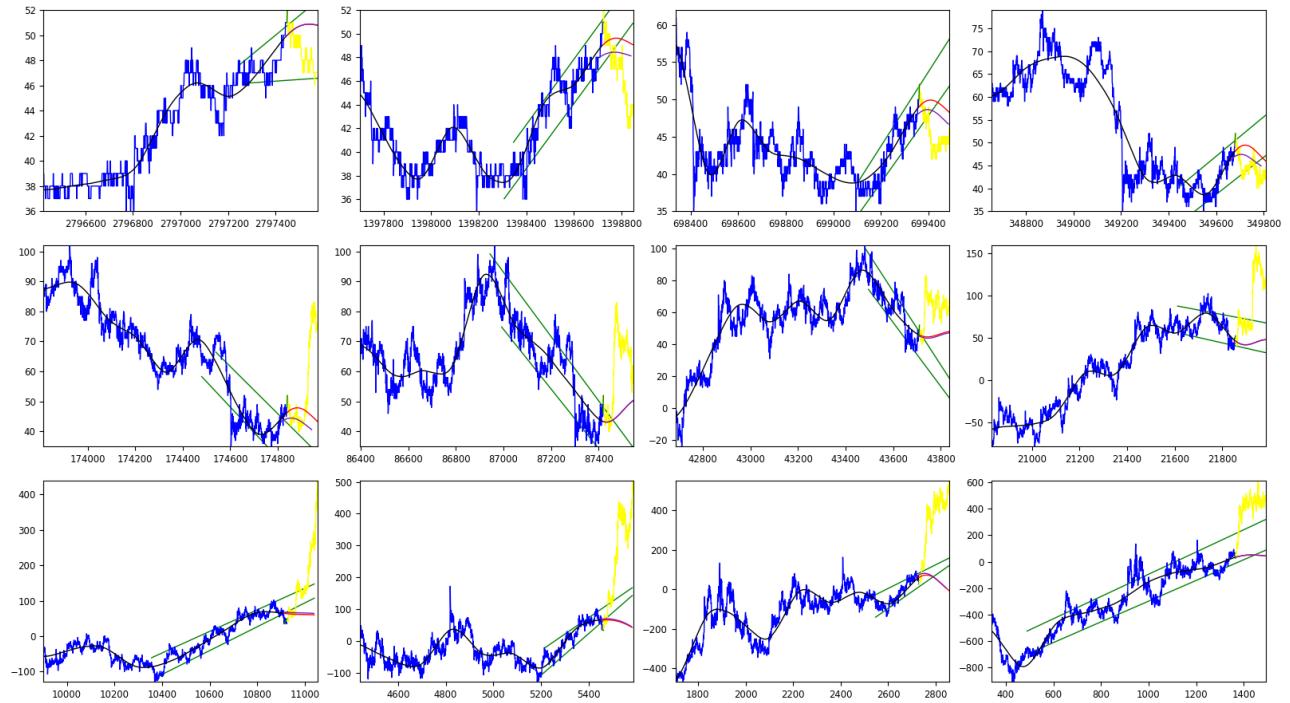
2.3 al 2797449 2797550

2797449: ptype: 4[0,1] 6[2,3,4] 2[5] 5[6,7] 3[8] 4[9] 6[10] 4[11]

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

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

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

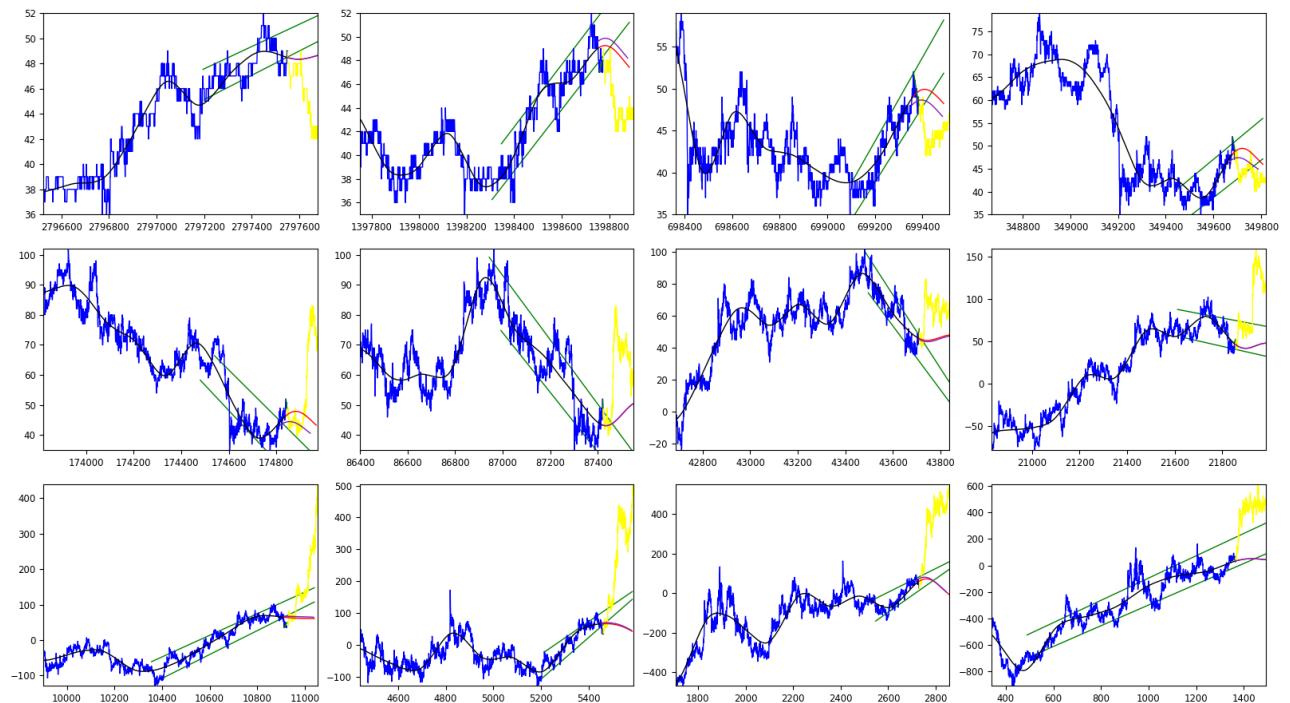


2797550: ptype: 5[0] 6[1,2,3,4] 2[5] 5[6,7] 3[8] 4[9] 6[10] 4[11]

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

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

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



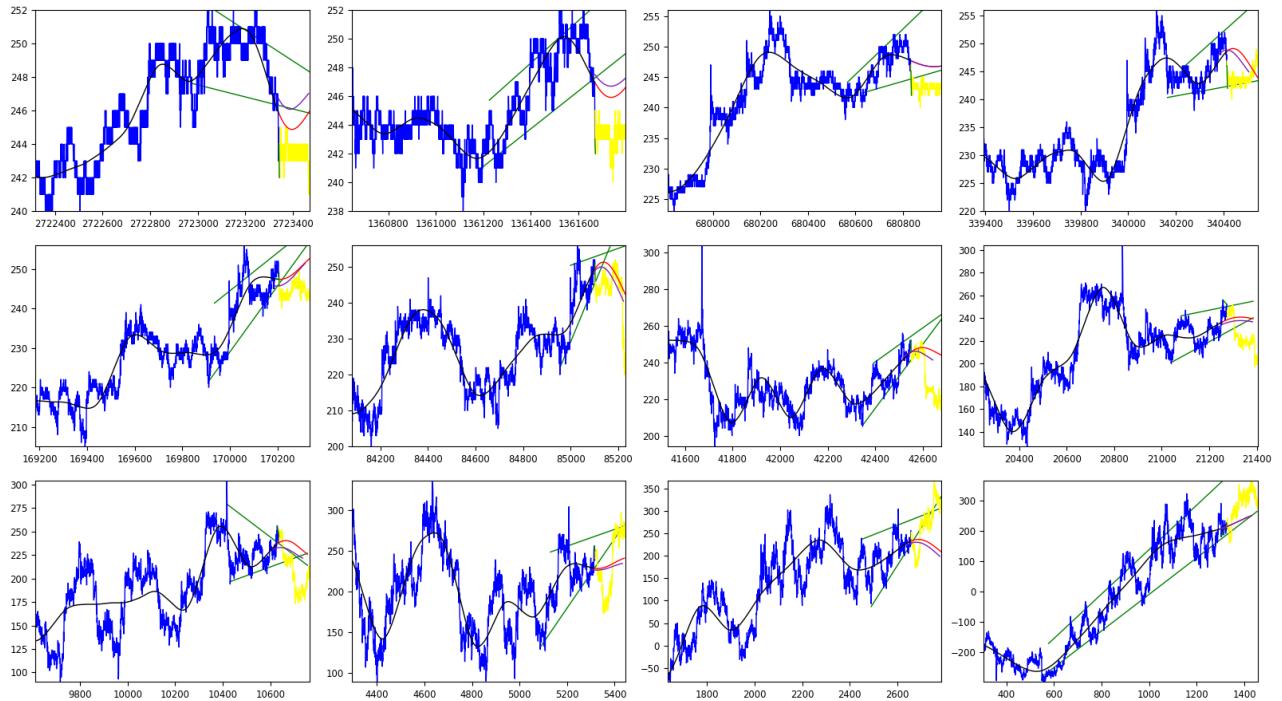
2.4 FG 2723343 2723508

2723343: ptype: 7[0,1] 5[2] 6[3] 2[4] 6[5] 4[6,7] 6[8] 2[9] 4[10] 2[11]

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

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

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

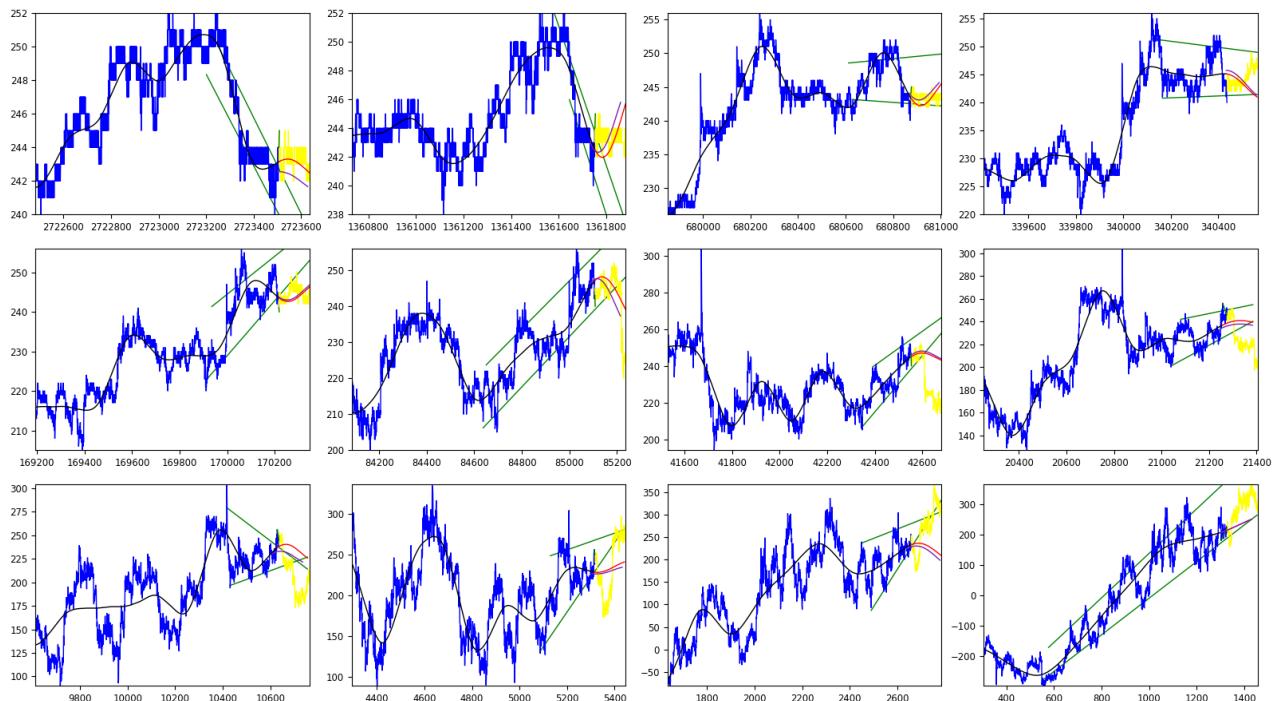


2723508: ptype: 4[0] 7[1,2] 3[3] 7[4] 6[5] 4[6,7] 6[8] 2[9] 4[10] 2[11]

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

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

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



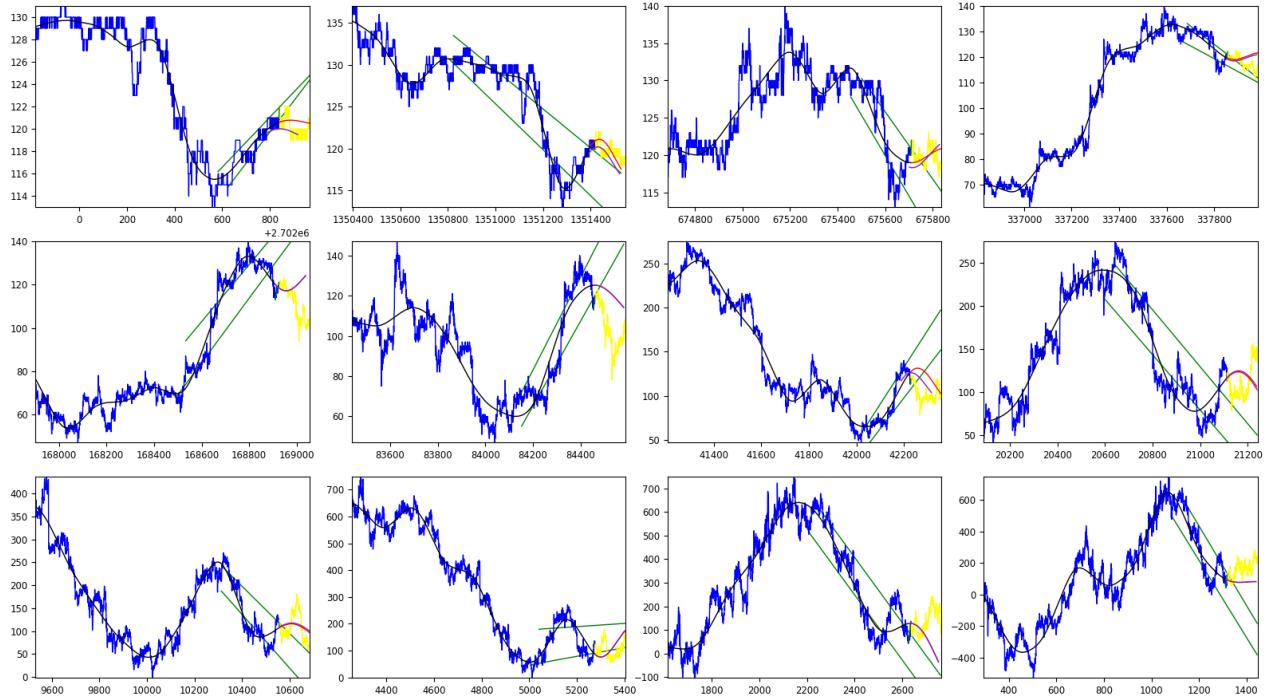
2.5 p9 2702841 2702900

2702841: ptype: 4[0] 6[1] 2[2] 5[3] 7[4] 3[5] 6[6,7,8] 7[9] 3[10,11]

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

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

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

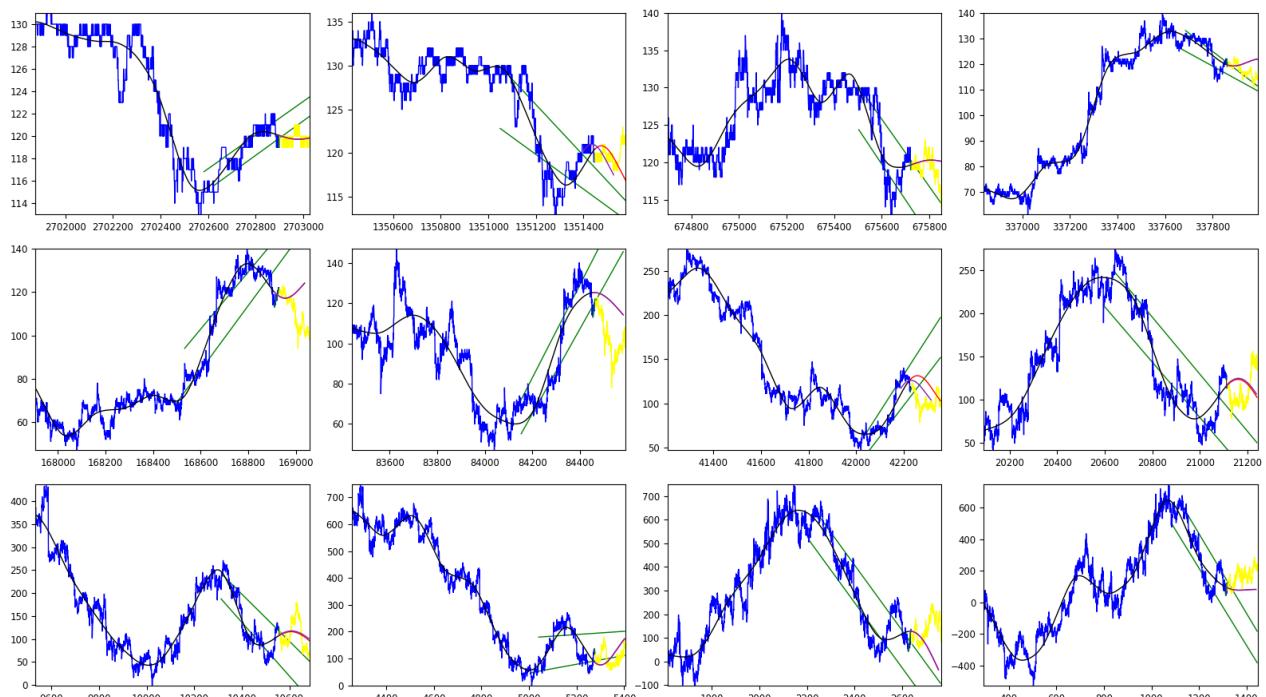


2702900: ptype: 5[0] 6[1] 4[2] 5[3] 7[4] 3[5] 6[6,7,8] 7[9] 3[10,11]

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

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

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



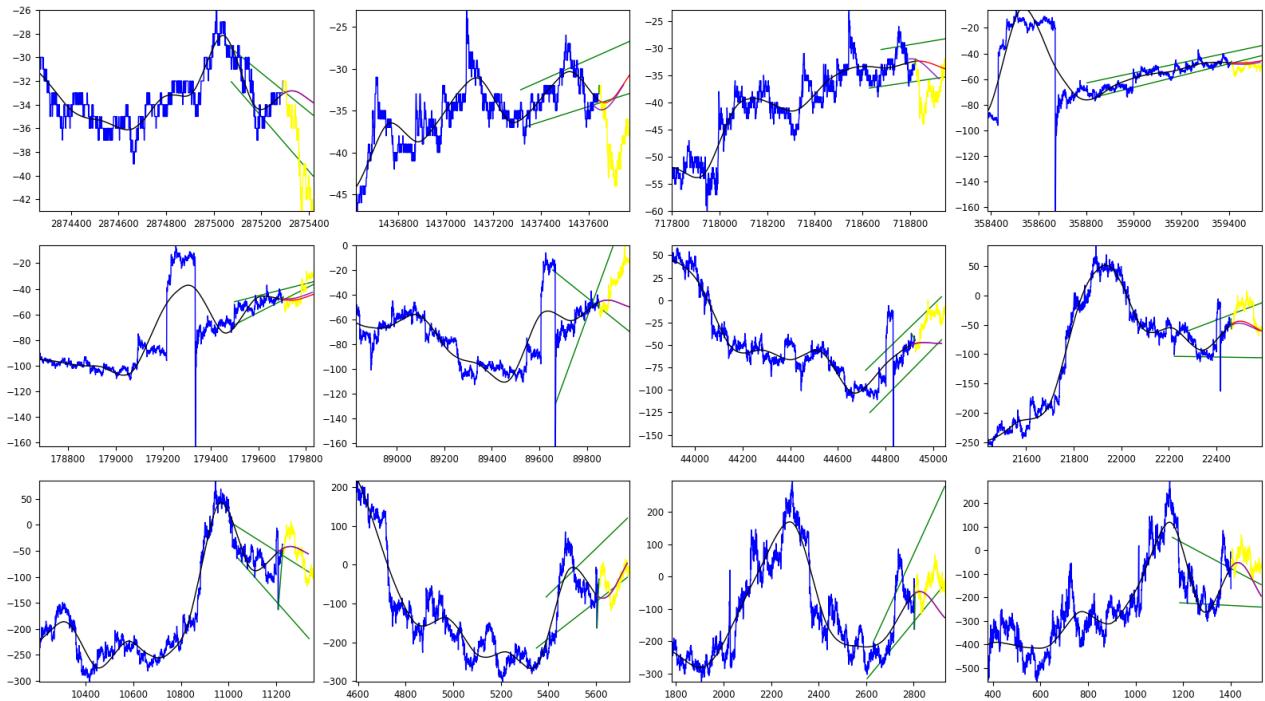
2.6 TA 2875293 2875400

2875293: ptype: 6[0] 7[1] 3[2] 2[3] 5[4] 4[5] 2[6] 6[7] 4[8] 7[9] 6[10,11]

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

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

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

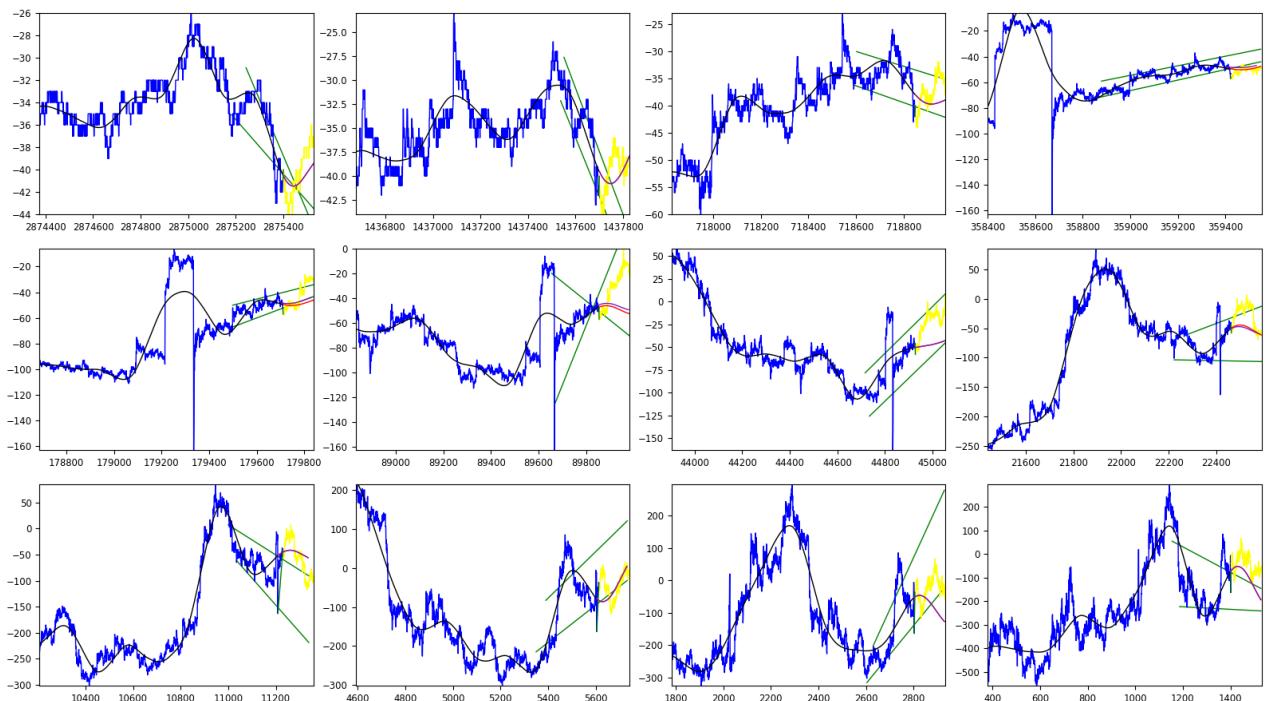


2875400: ptype: 7[0,1] 5[2,3,4] 4[5] 2[6] 6[7] 4[8] 7[9] 6[10,11]

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

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

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



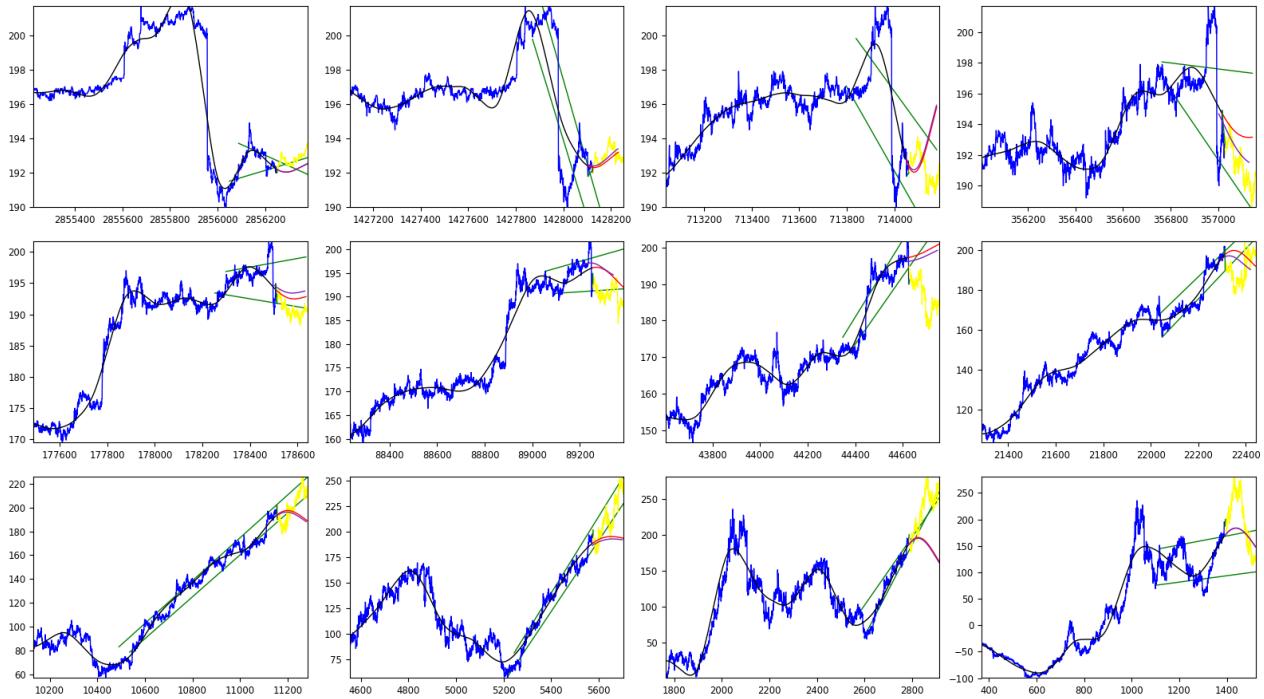
2.7 j9 2856252 2856373

2856252: ptype: 5[0] 7[1,2] 5[3,4] 4[5] 2[6] 6[7,8] 4[9] 6[10,11]

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

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

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

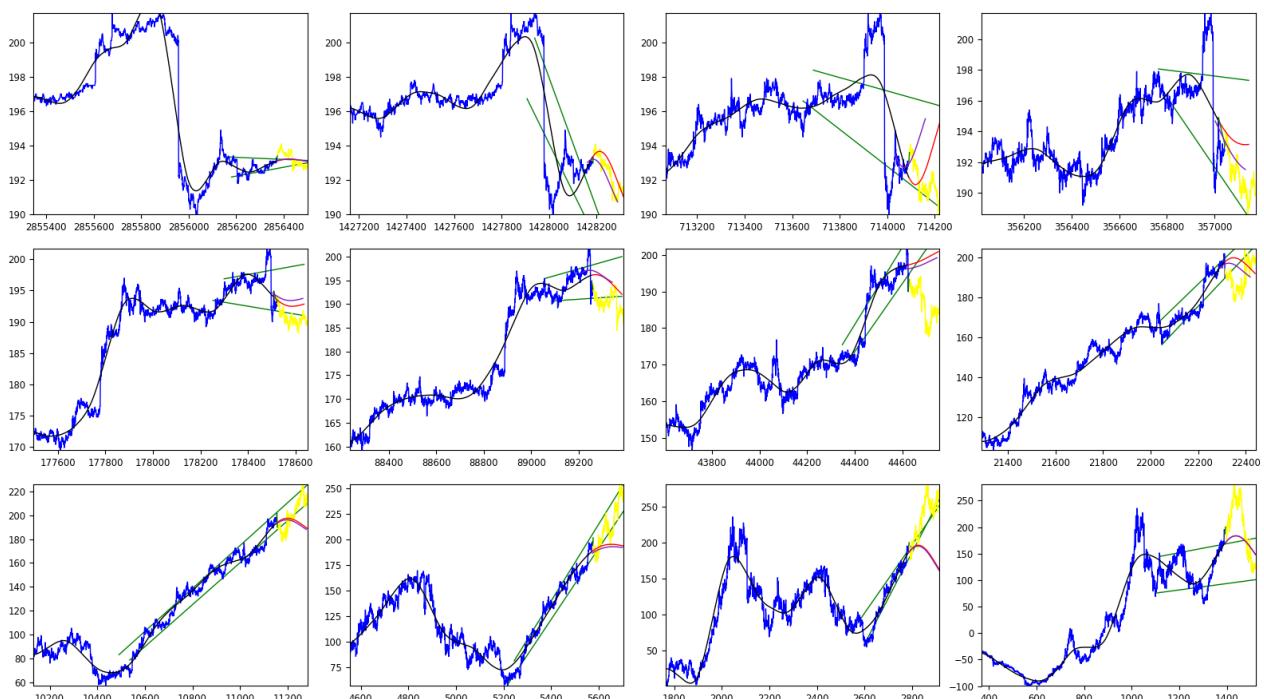


2856373: ptype: 4[0] 6[1] 7[2] 5[3,4] 4[5] 2[6] 6[7,8] 4[9] 6[10,11]

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

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

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



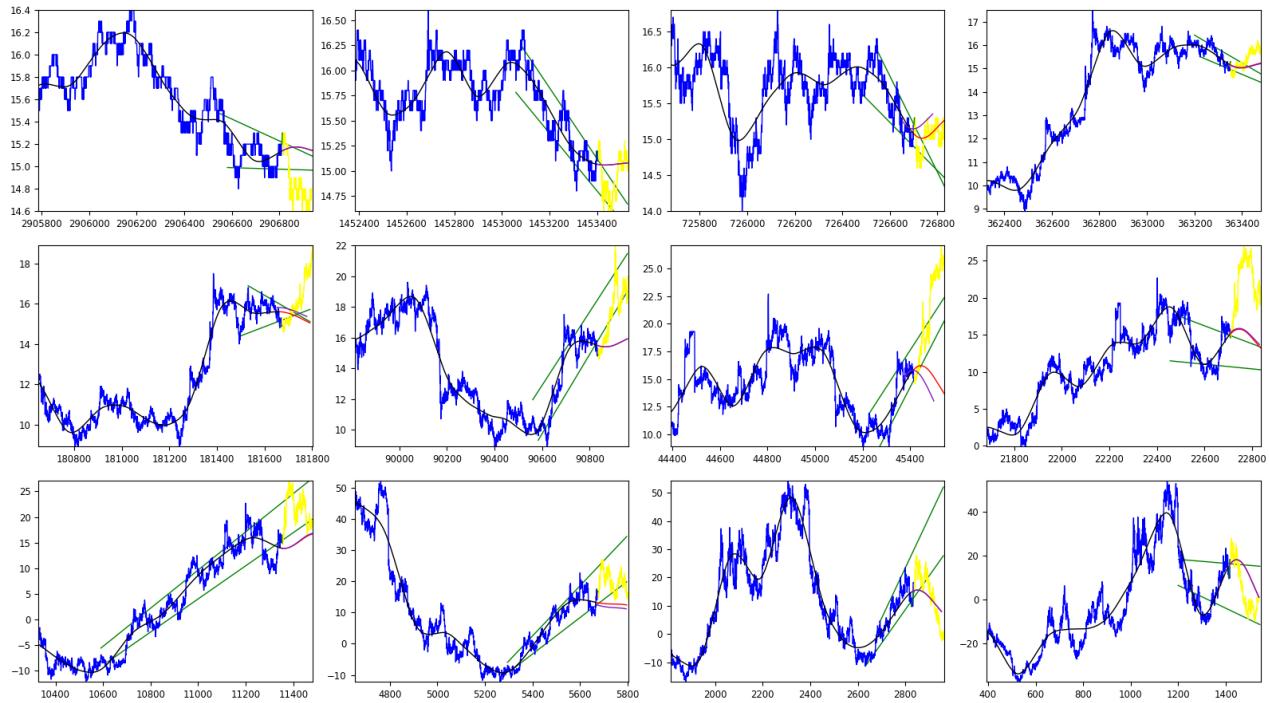
2.8 i9 2906813 2906863

2906813: ptype: 4[0] 5[1] 7[2] 5[3] 3[4] 5[5] 6[6,7] 2[8] 3[9] 6[10,11]

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

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

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

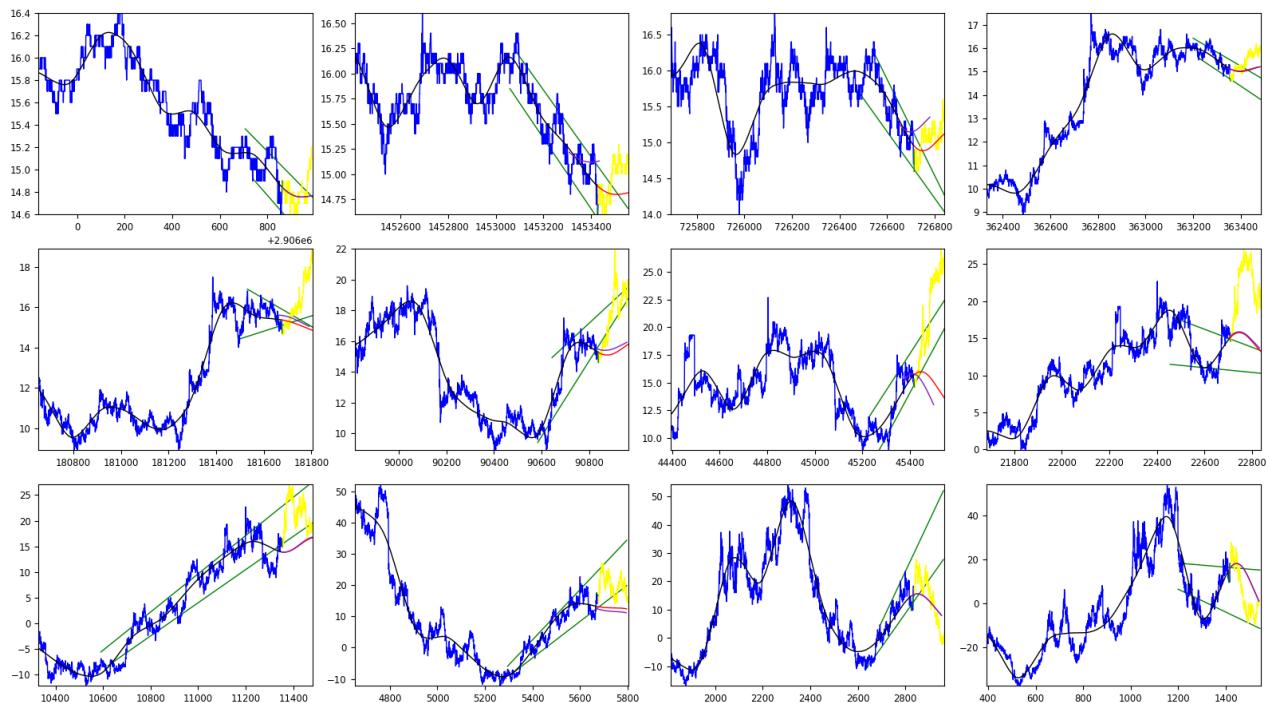


2906863: ptype: 5[0,1] 7[2] 5[3] 3[4] 7[5] 6[6,7] 2[8] 3[9] 6[10,11]

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

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

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



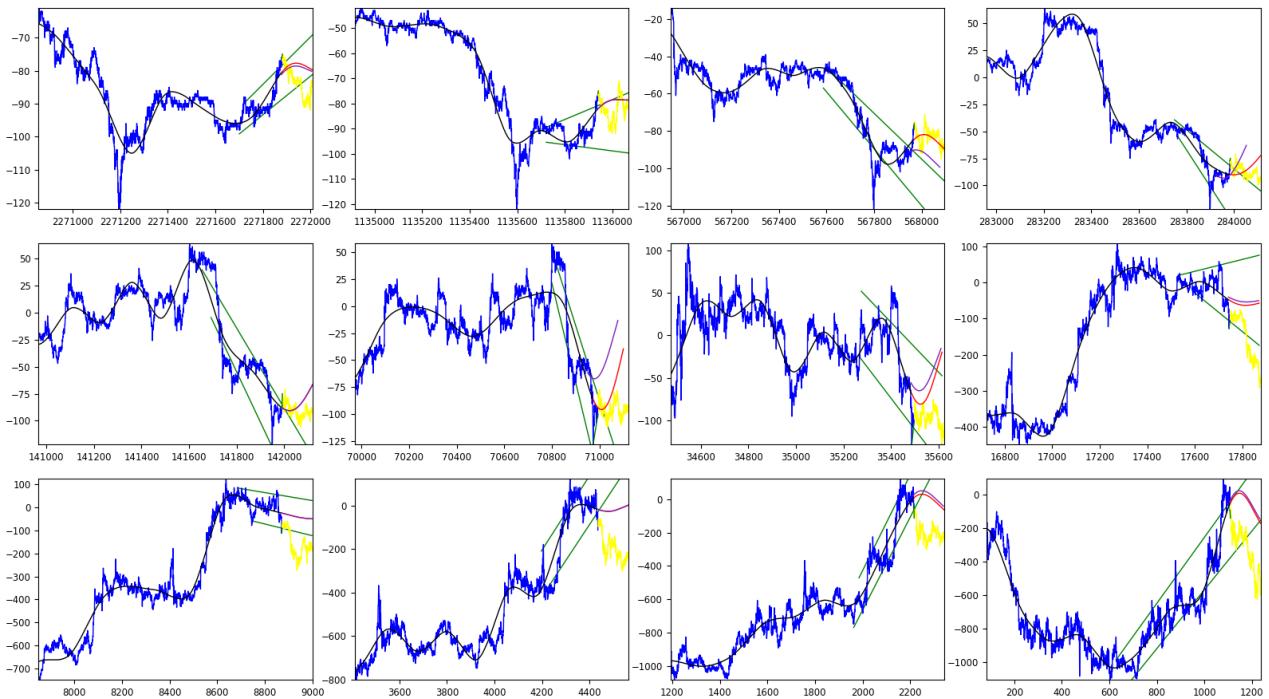
2.9 OI 2271882 2271965

2271882: ptype: 4[0] 2[1] 6[2] 2[3] 7[4,5,6] 5[7] 3[8] 5[9] 6[10,11]

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

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

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

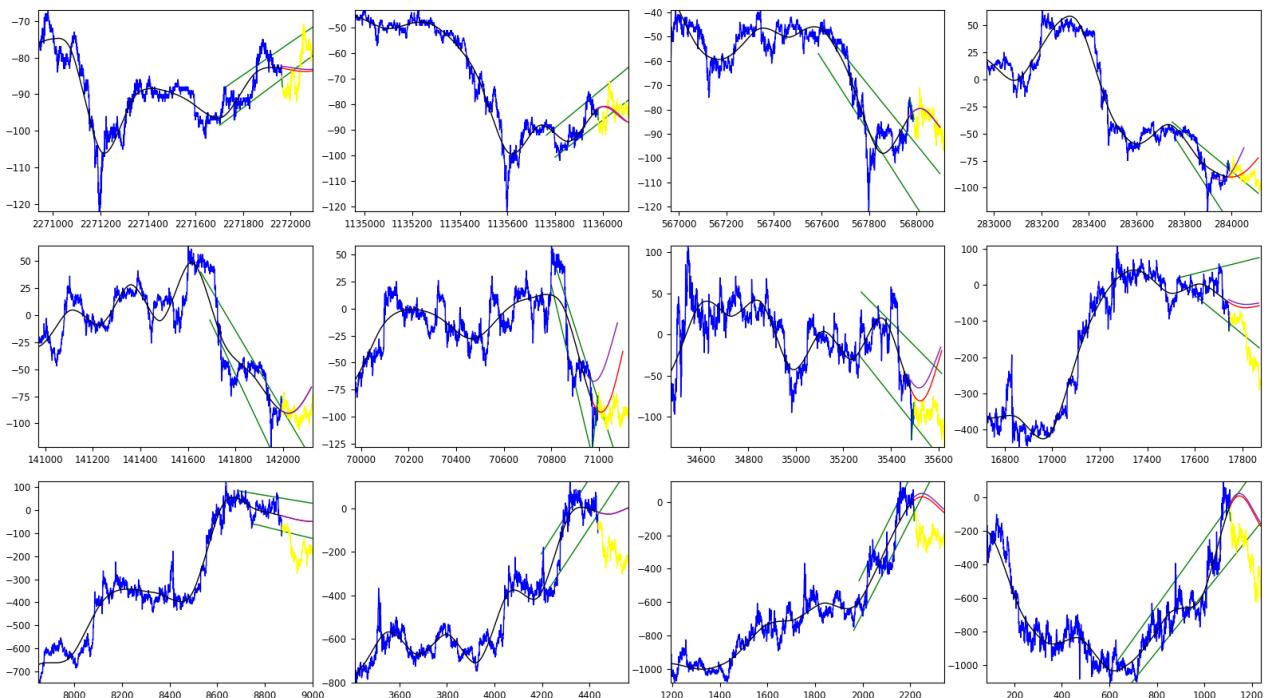


2271965: ptype: 5[0] 6[1,2] 2[3] 7[4,5,6] 5[7] 3[8] 5[9] 6[10,11]

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

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

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



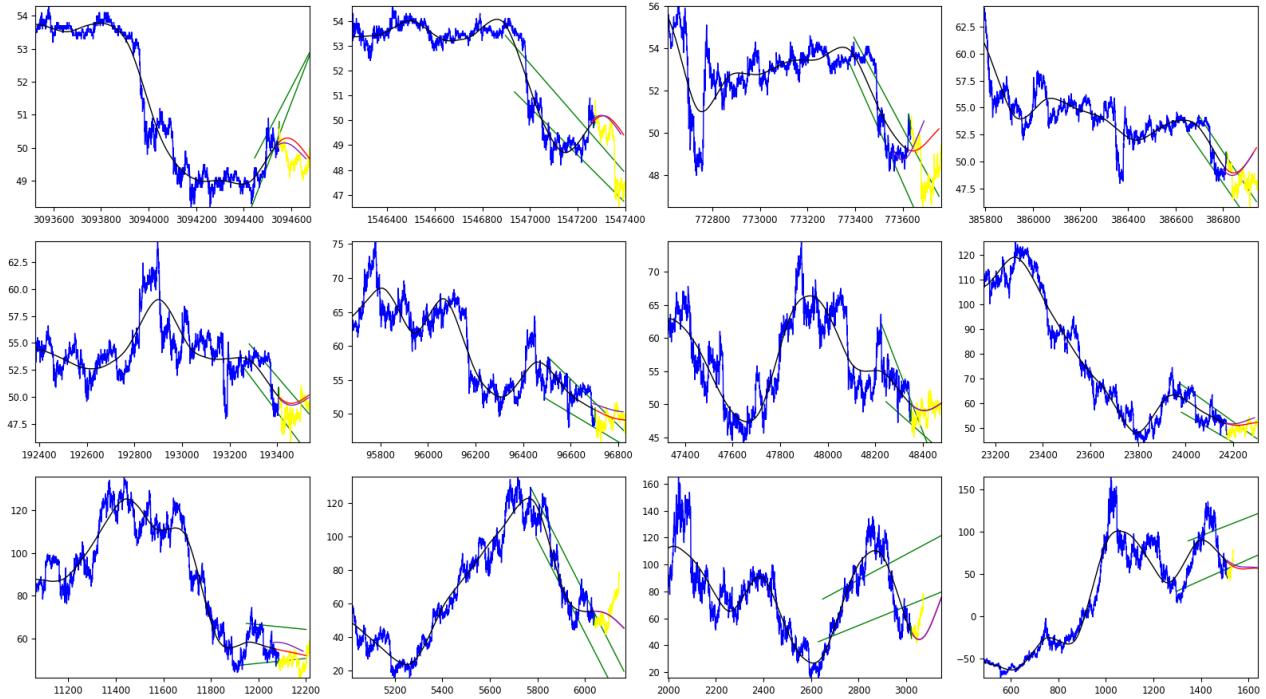
2.10 jm 3094550 3094616

3094550: ptype: 6[0,1] 5[2] 7[3,4] 3[5] 7[6] 5[7] 3[8,9] 7[10] 3[11]

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

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

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

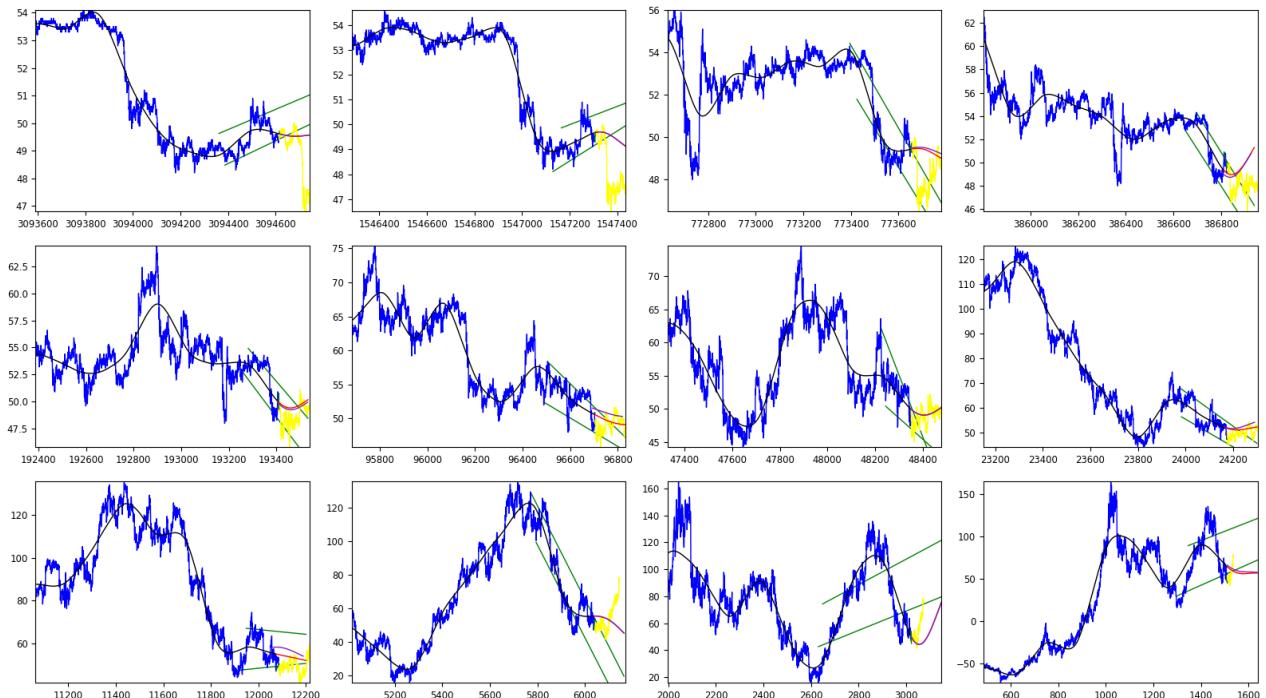


3094616: ptype: 5[0] 4[1,2] 7[3,4] 3[5] 7[6] 5[7] 3[8,9] 7[10] 3[11]

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

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

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



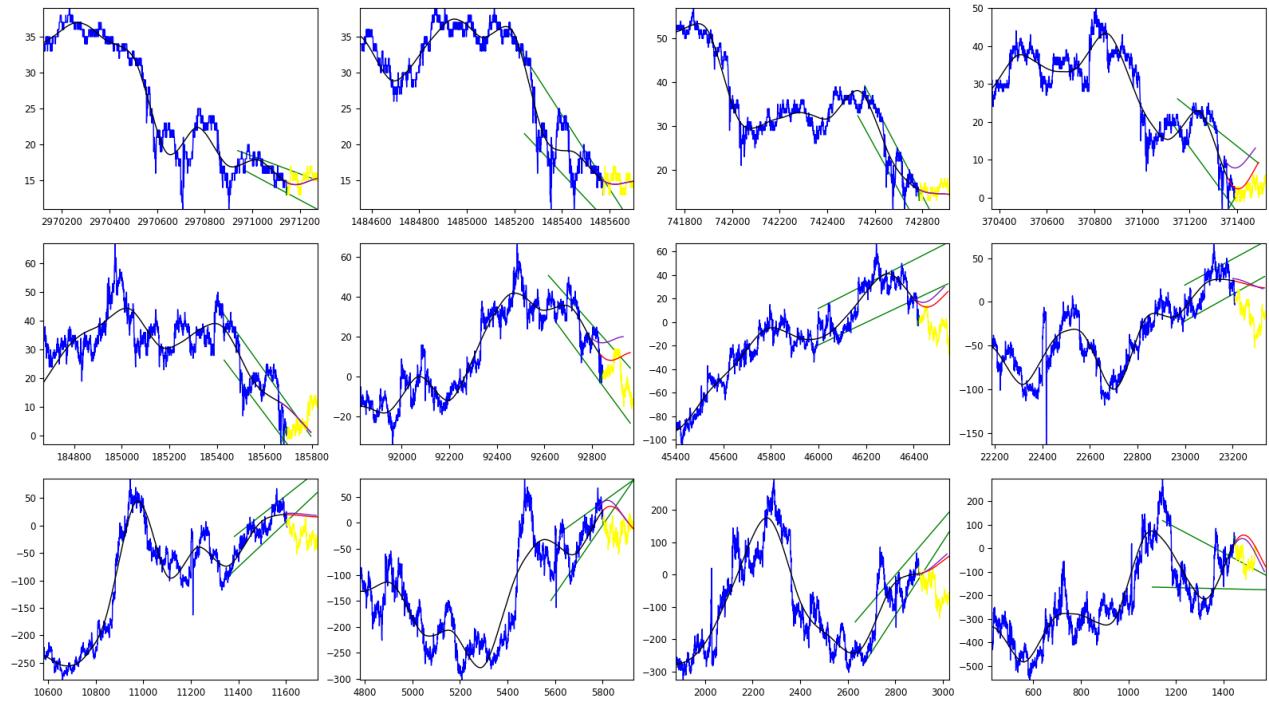
2.11 TA 2971148 2971250

2971148: ptype: 5[0,1] 3[2] 7[3] 3[4] 5[5] 7[6] 3[7,8] 6[9] 2[10] 6[11]

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

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

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

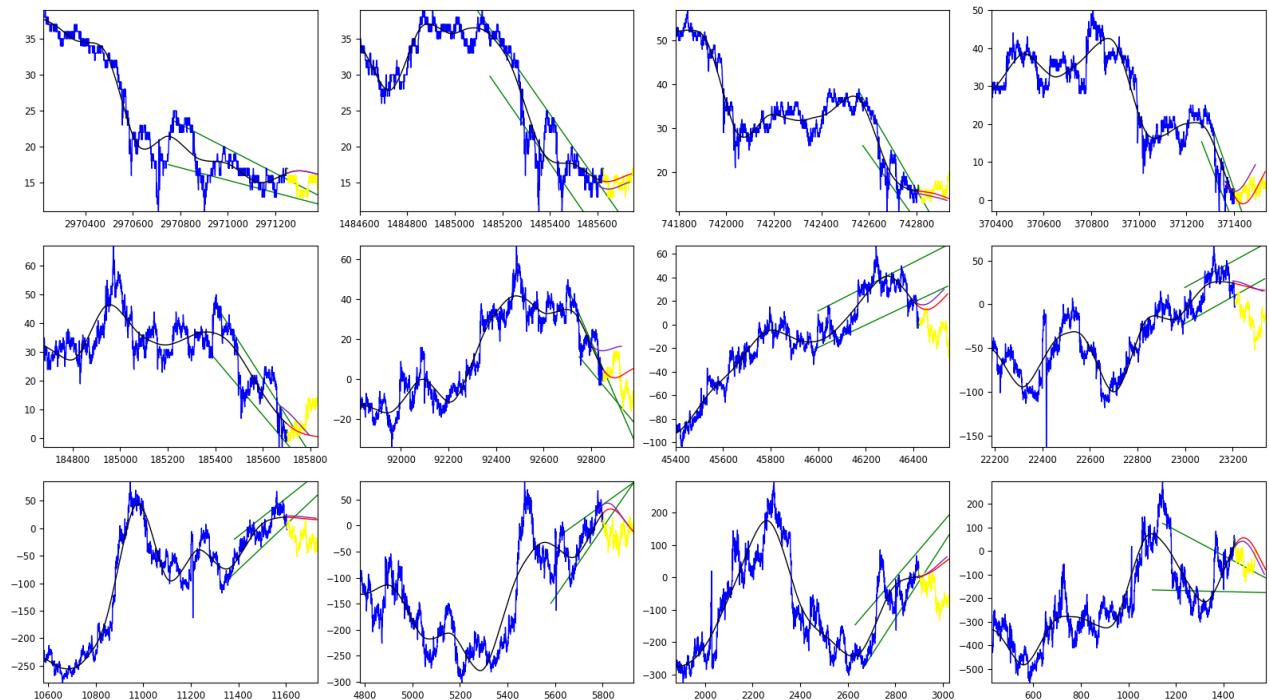


2971250: ptype: 4[0] 5[1] 3[2] 7[3] 3[4] 7[5,6] 3[7,8] 6[9] 2[10] 6[11]

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

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

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



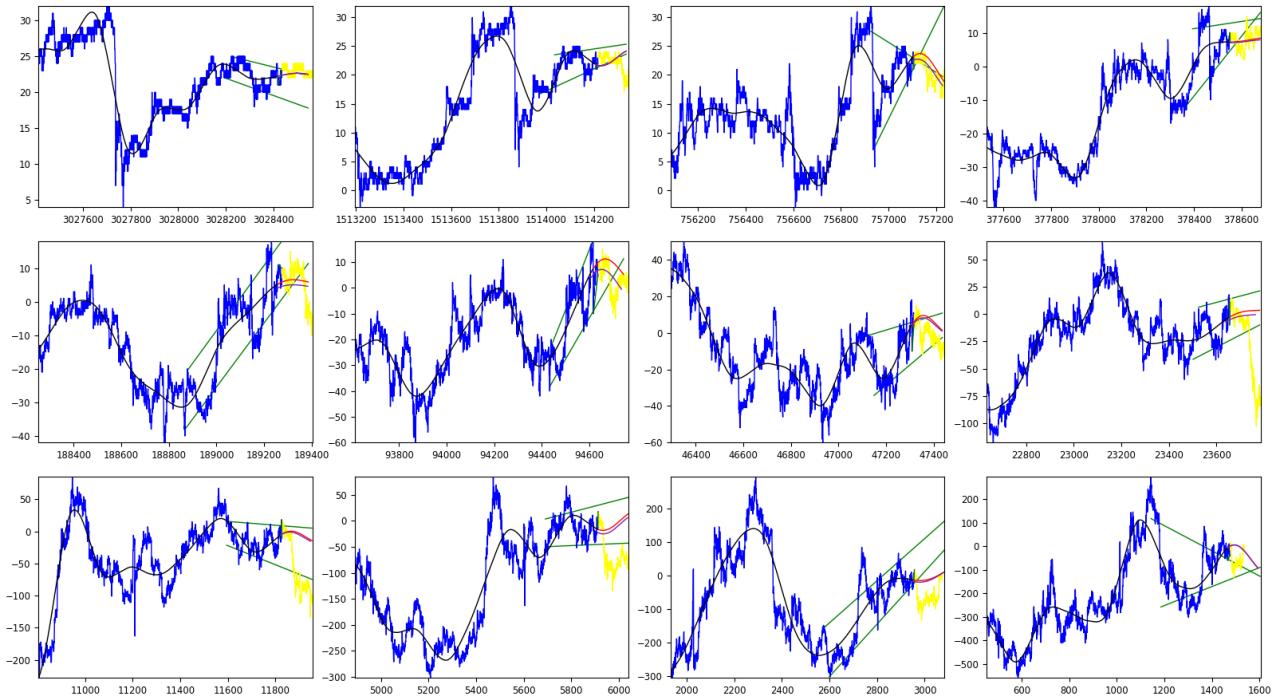
2.12 TA 3028438 3028599

3028438: ptype: 4[0] 5[1] 6[2] 2[3] 4[4] 6[5,6] 2[7] 6[8] 5[9,10] 6[11]

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

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

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

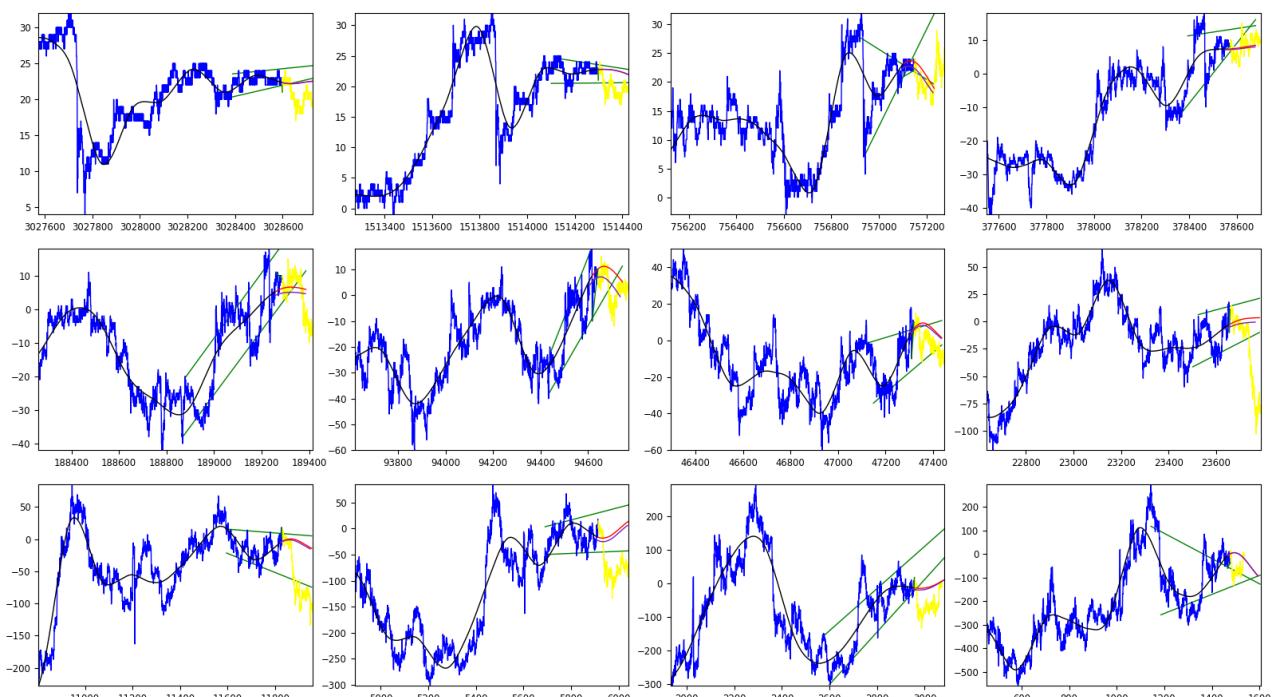


3028599: ptype: 5[0] 3[1] 6[2] 2[3] 4[4] 6[5,6] 2[7] 6[8] 5[9,10] 6[11]

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

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

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



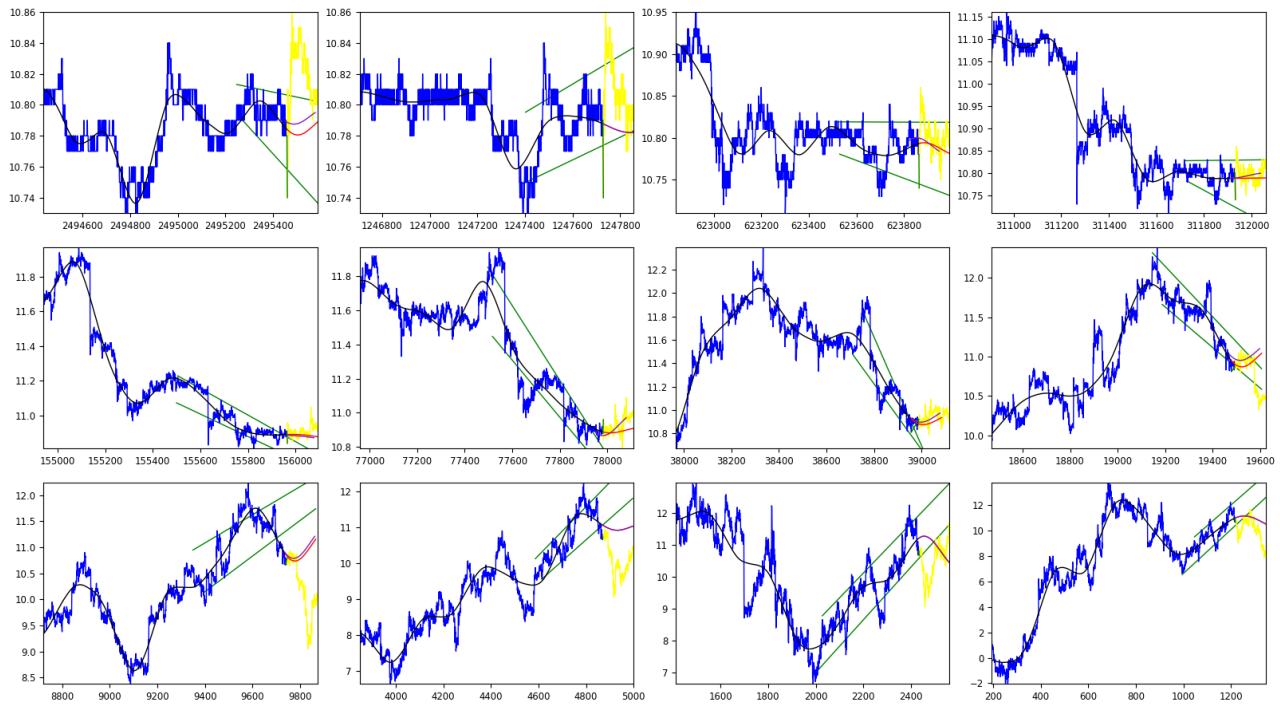
2.13 au 2495461 2495480

2495461: ptype: 7[0] 3[1] 4[2] 1[3] 3[4] 5[5,6] 7[7,8] 5[9] 6[10] 4[11]

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

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

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

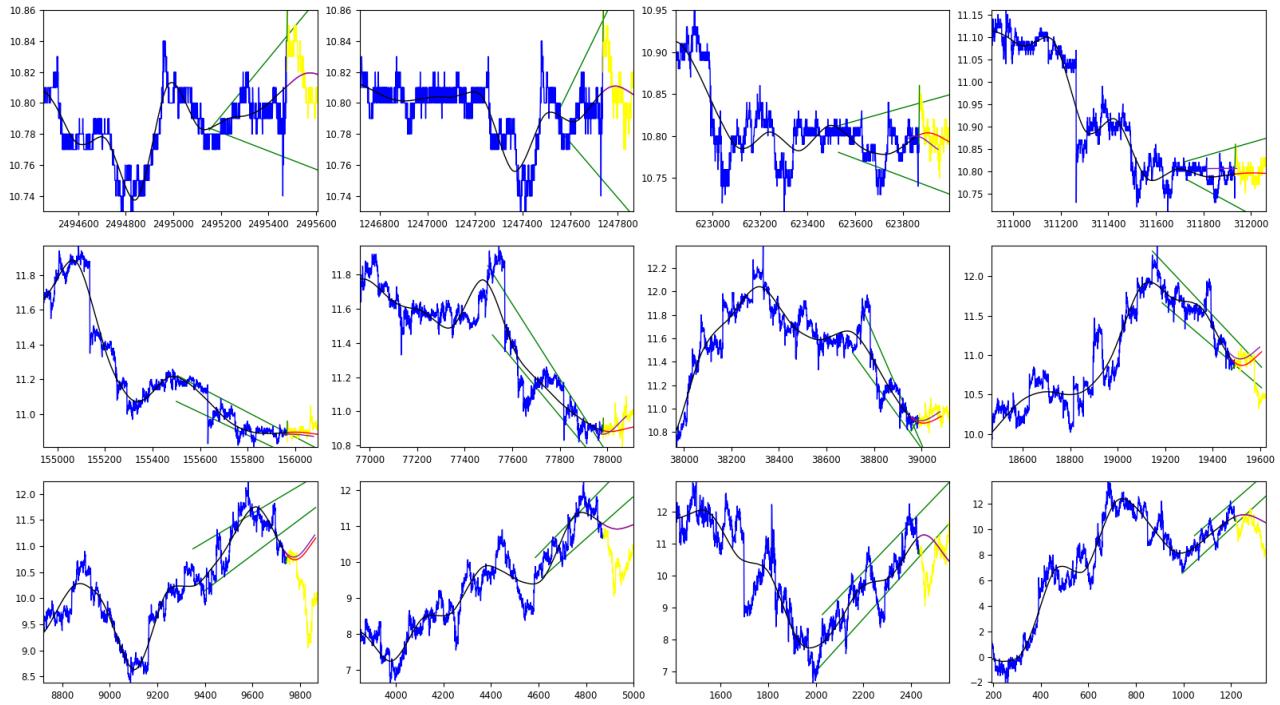


2495480: ptype: 4[0] 6[1] 4[2] 2[3] 3[4] 5[5,6] 7[7,8] 5[9] 6[10] 4[11]

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

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

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



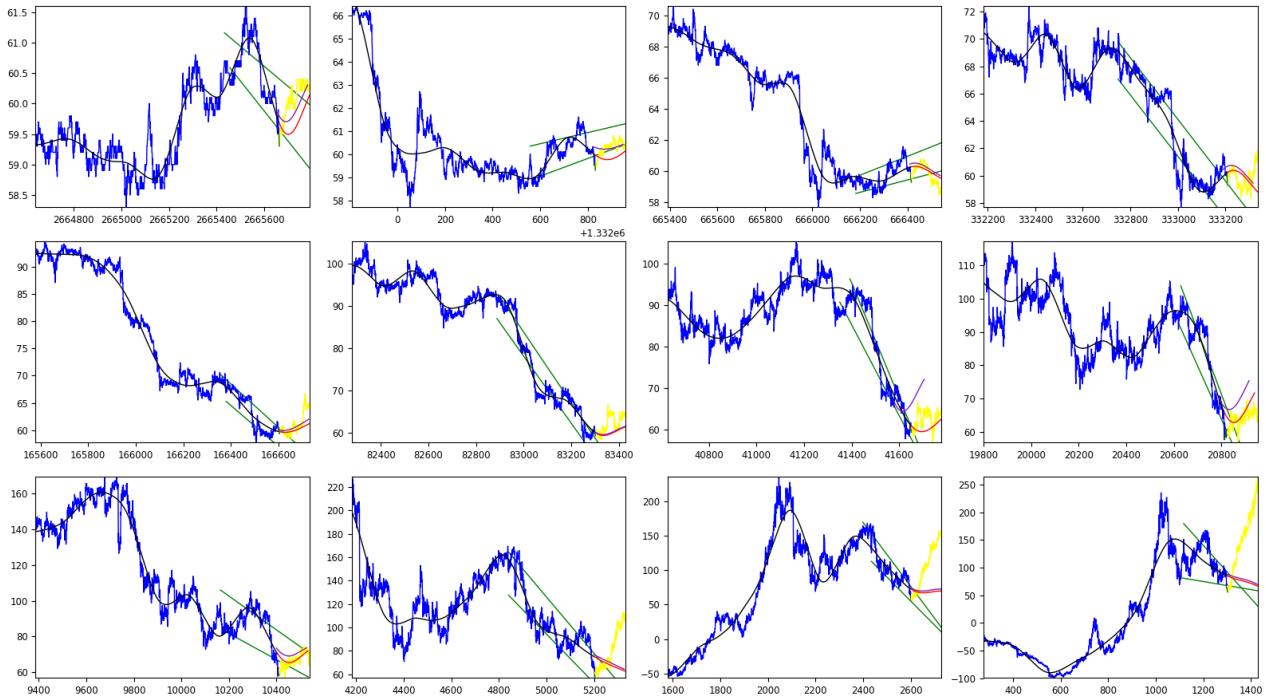
2.14 j9 2665664 2665750

2665664: ptype: 7[0,1] 4[2] 6[3] 5[4,5] 7[6,7,8] 3[9] 5[10] 3[11]

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

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

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

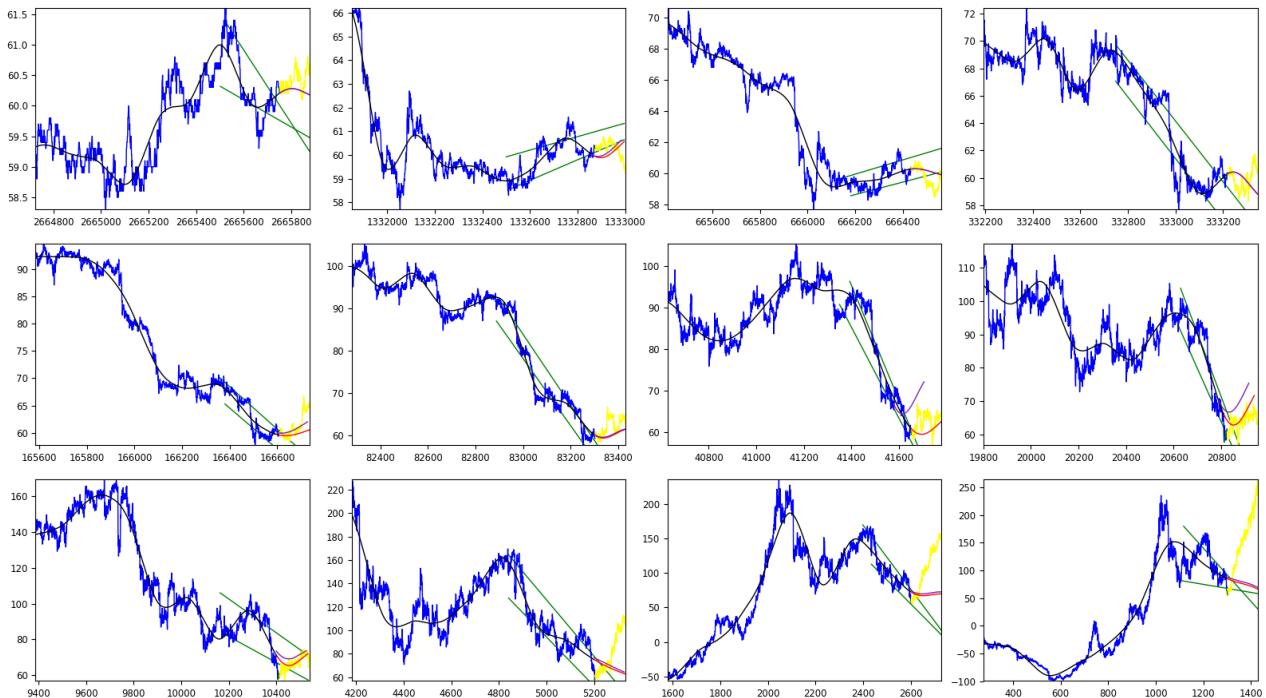


2665750: ptype: 4[0] 5[1] 4[2] 6[3] 5[4,5] 7[6,7,8] 3[9] 5[10] 3[11]

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

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

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



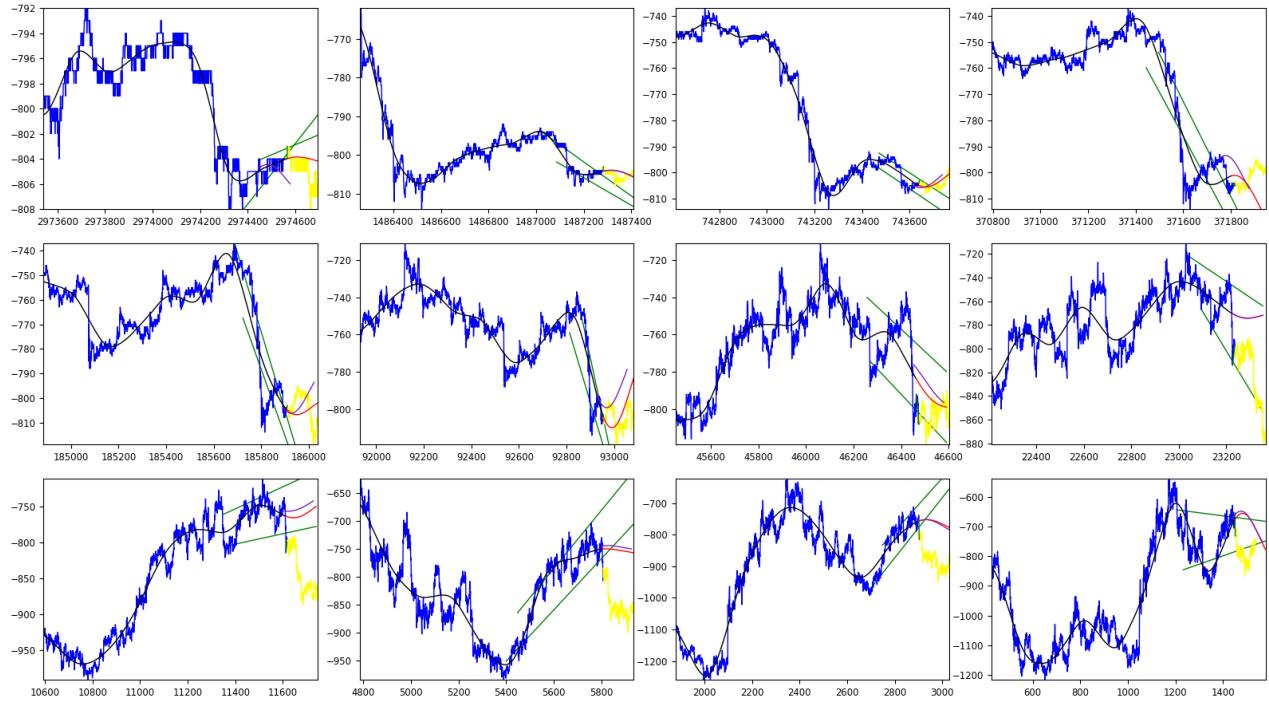
2.15 bu 2974567 2974650

2974567: ptype: 4[0,1] 5[2] 3[3] 7[4,5] 3[6] 5[7,8] 3[9] 4[10] 6[11]

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

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

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

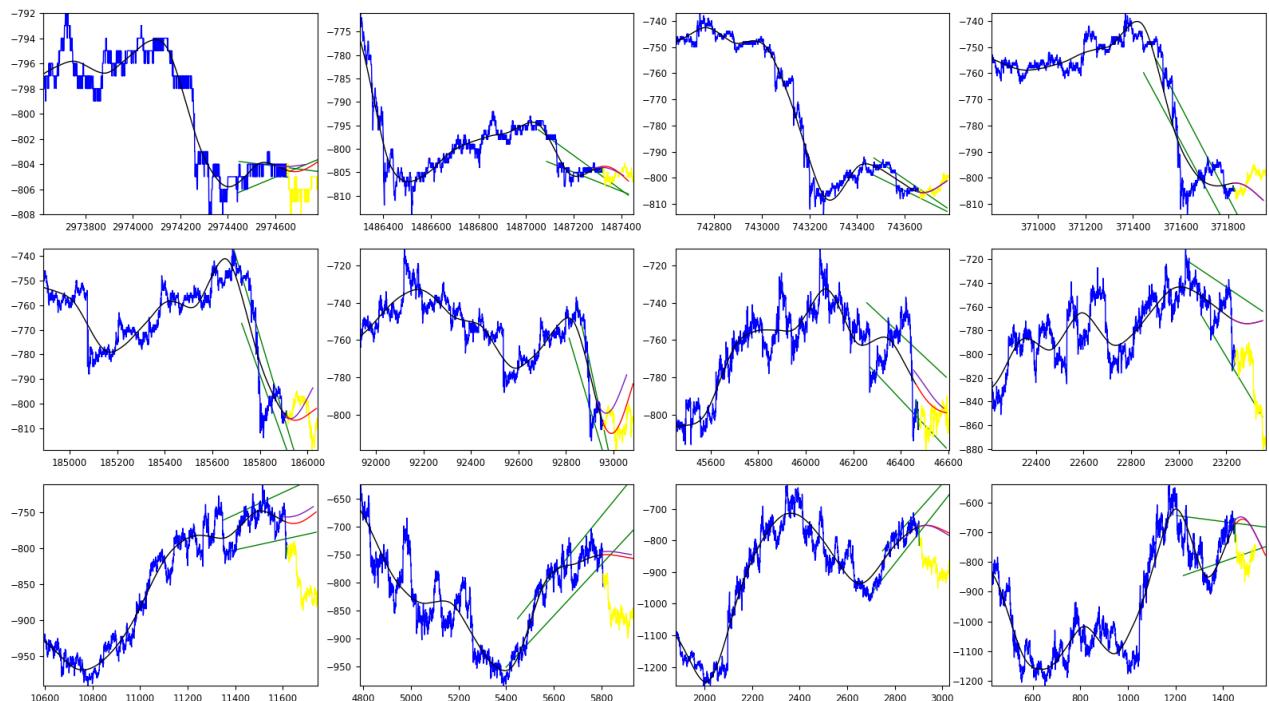


2974650: ptype: 5[0] 4[1] 5[2] 3[3] 7[4,5] 3[6] 5[7,8] 3[9] 4[10] 6[11]

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

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

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



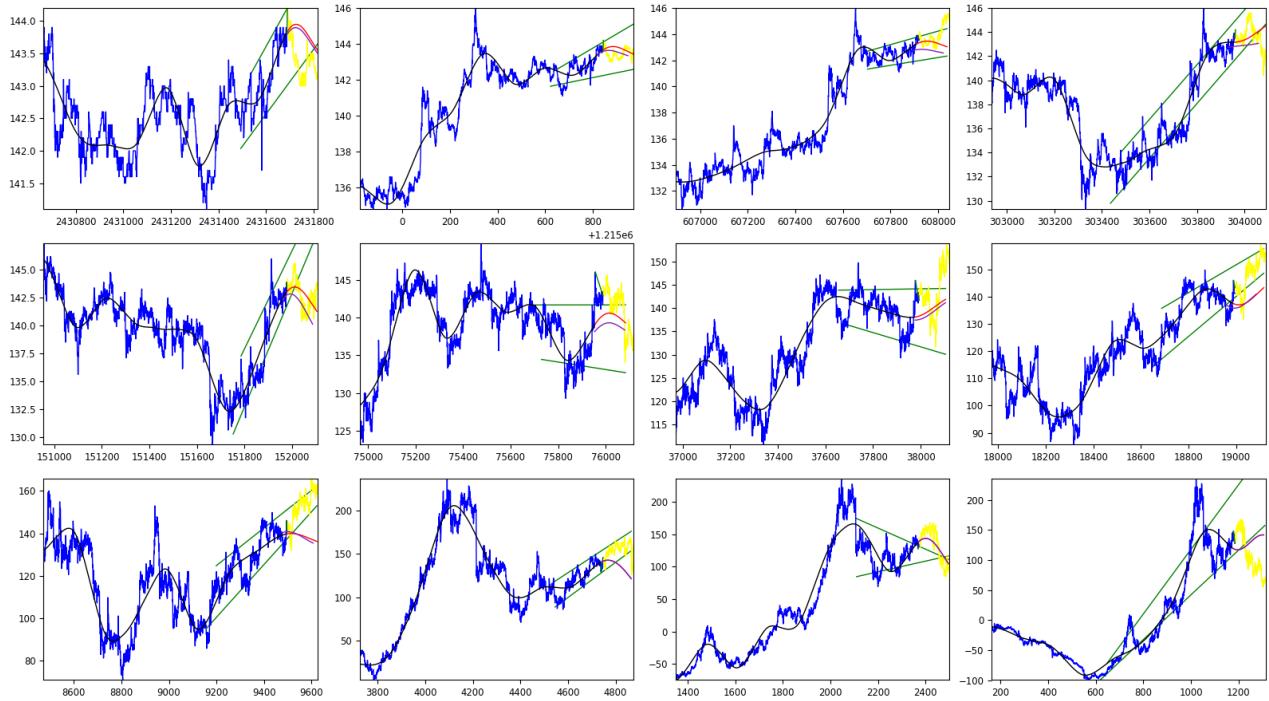
2.16 j9 2431690 2431771

2431690: ptype: 6[0] 4[1,2] 2[3] 6[4,5] 2[6] 5[7] 4[8,9] 6[10] 5[11]

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

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

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

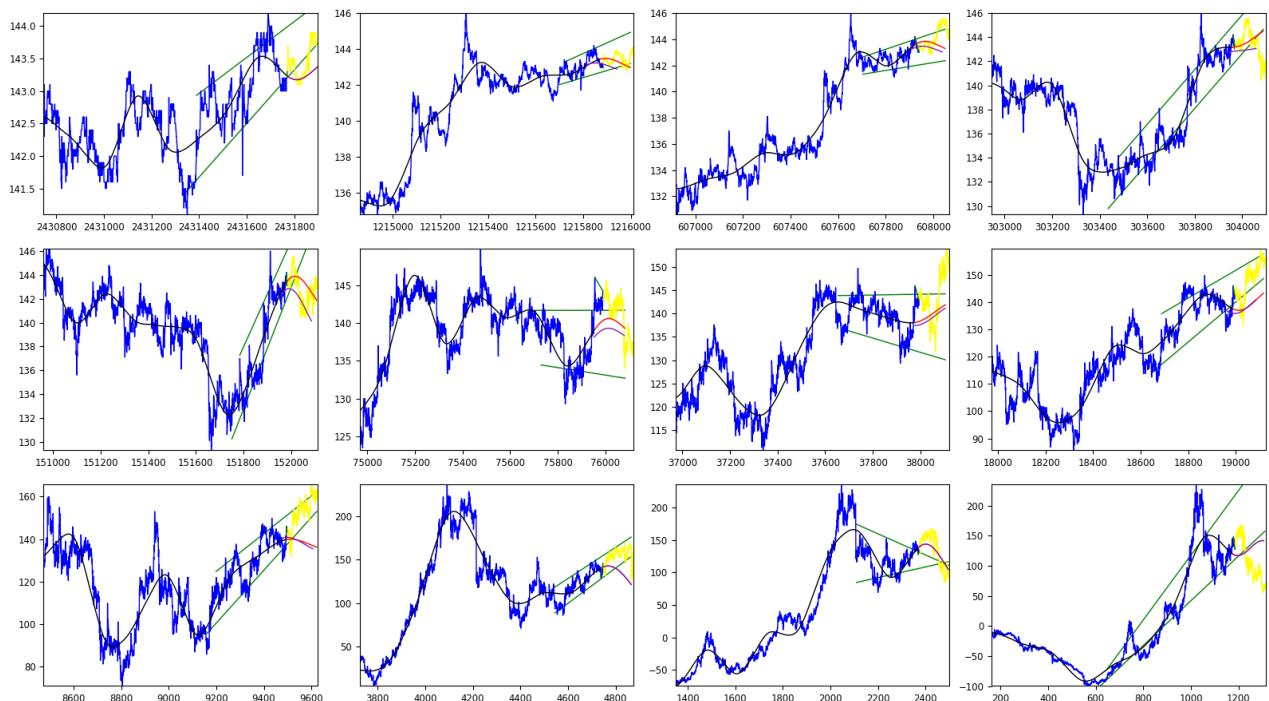


2431771: ptype: 7[0] 4[1,2] 2[3] 6[4,5] 2[6] 5[7] 4[8,9] 6[10] 5[11]

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

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

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



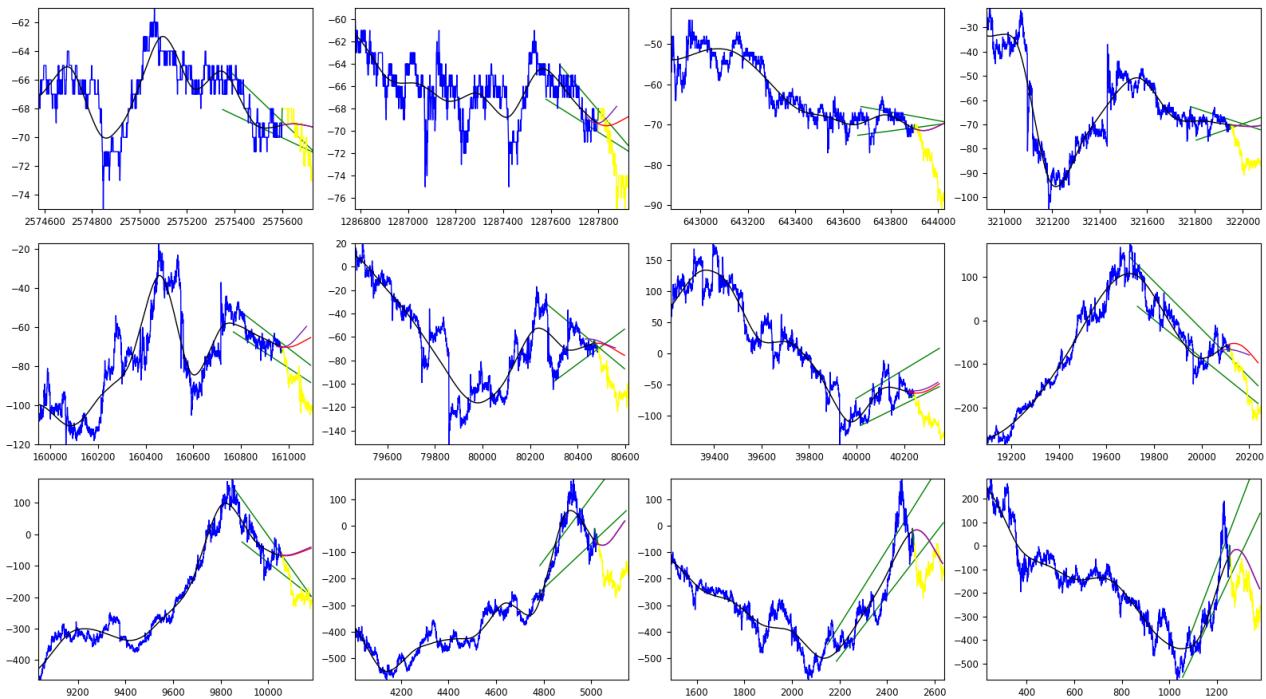
2.17 v9 2575601 2575700

2575601: ptype: 4[0] 7[1,2] 5[3,4] 3[5] 5[6] 4[7] 5[8] 7[9] 6[10,11]

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

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

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

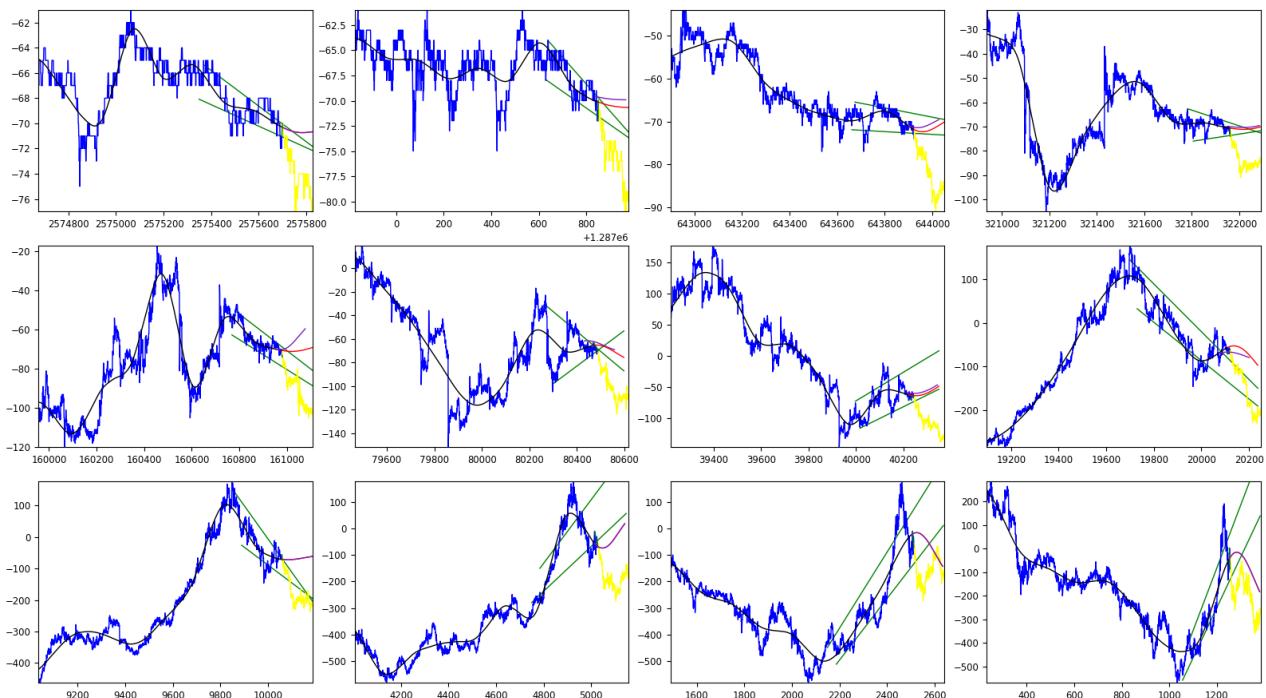


2575700: ptype: 5[0] 3[1] 7[2] 5[3,4] 3[5] 5[6] 4[7] 5[8] 7[9] 6[10,11]

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

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

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



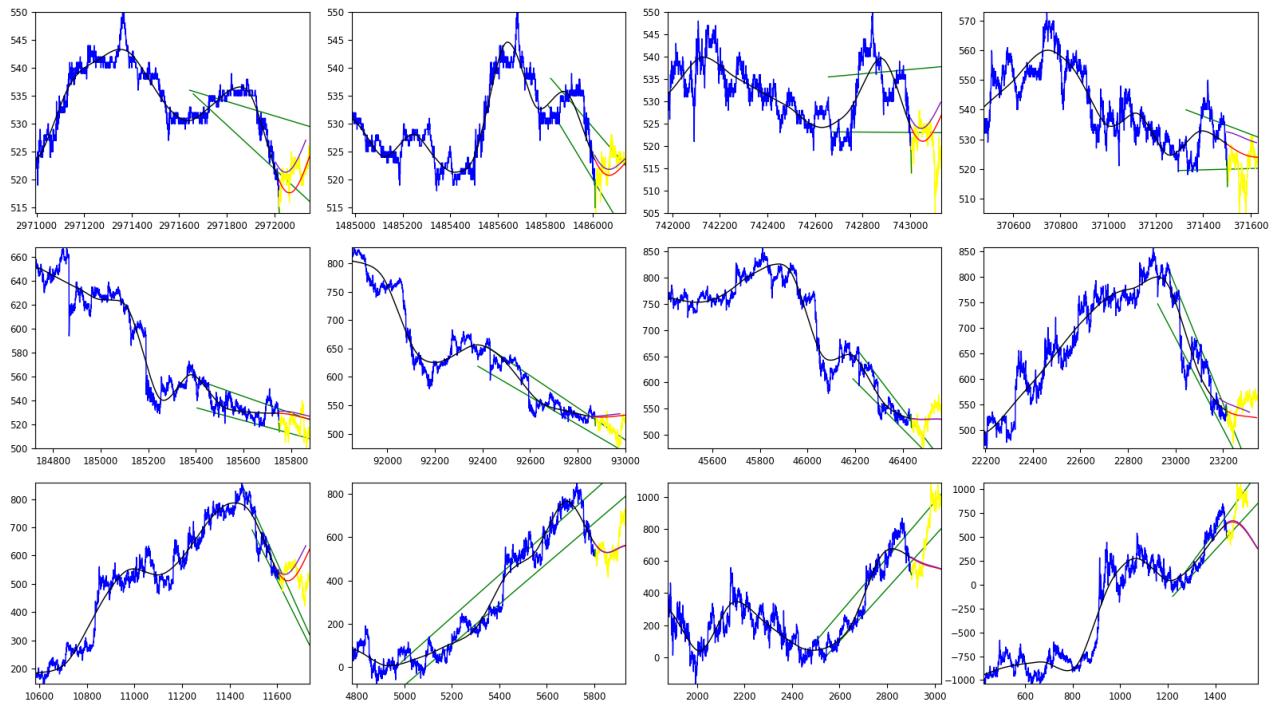
2.18 cu 2972021 2972107

2972021: ptype: 7[0,1,2] 3[3,4] 2[5] 3[6,7] 7[8] 5[9] 3[10] 6[11]

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

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

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

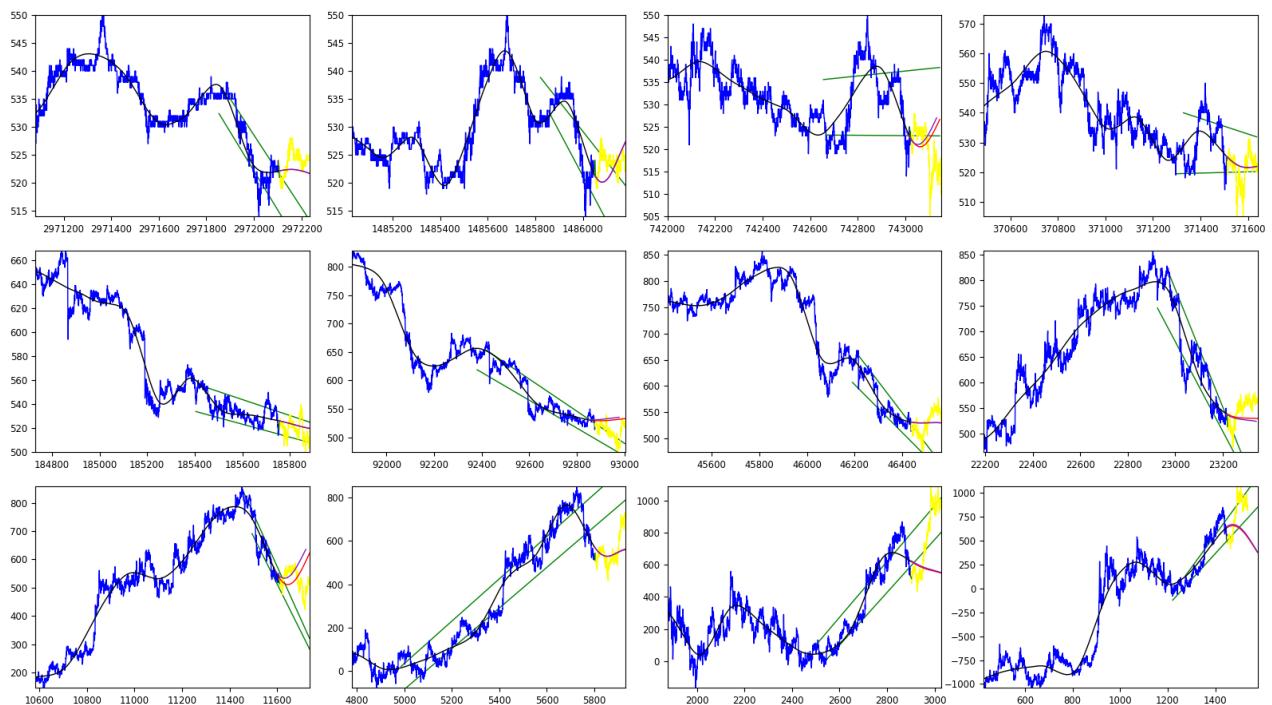


2972107: ptype: 4[0] 7[1,2] 5[3] 3[4] 2[5] 3[6,7] 7[8] 5[9] 3[10] 6[11]

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

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

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



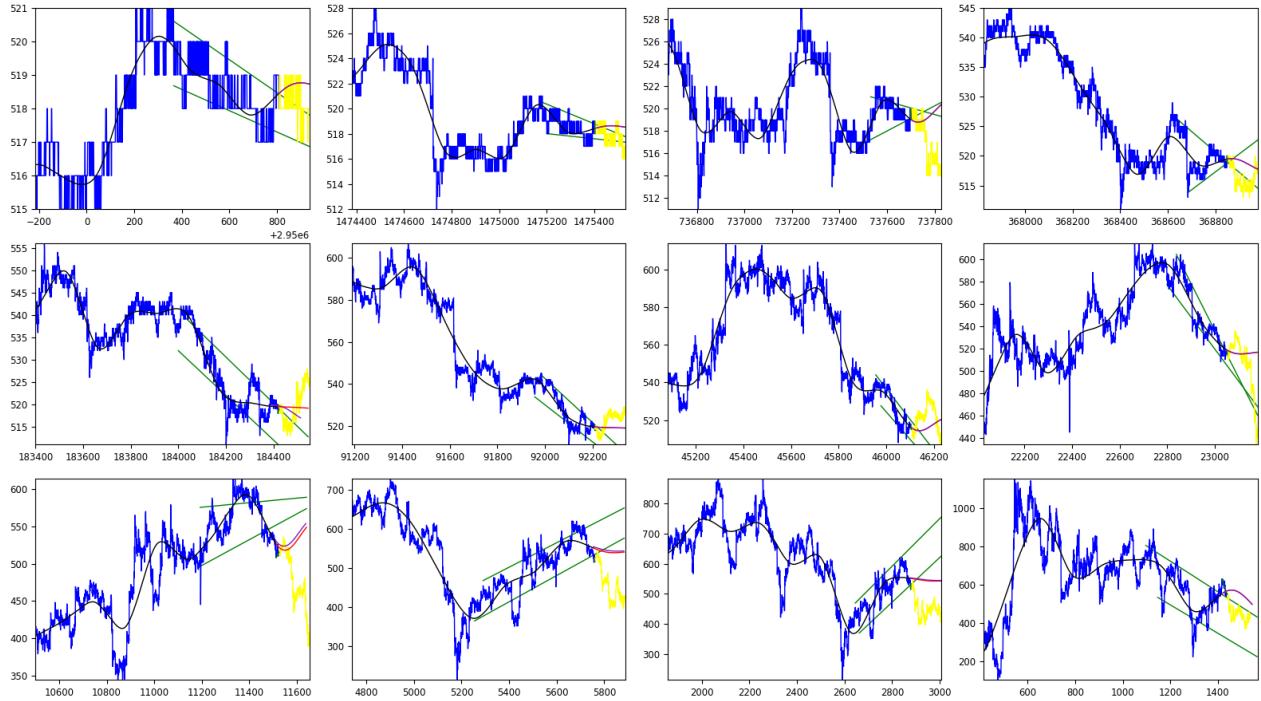
2.19 ag 2950810 2950950

2950810: ptype: 4[0,1] 7[2] 4[3] 1[4,5] 7[6] 5[7] 7[8] 5[9] 3[10] 6[11]

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

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

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

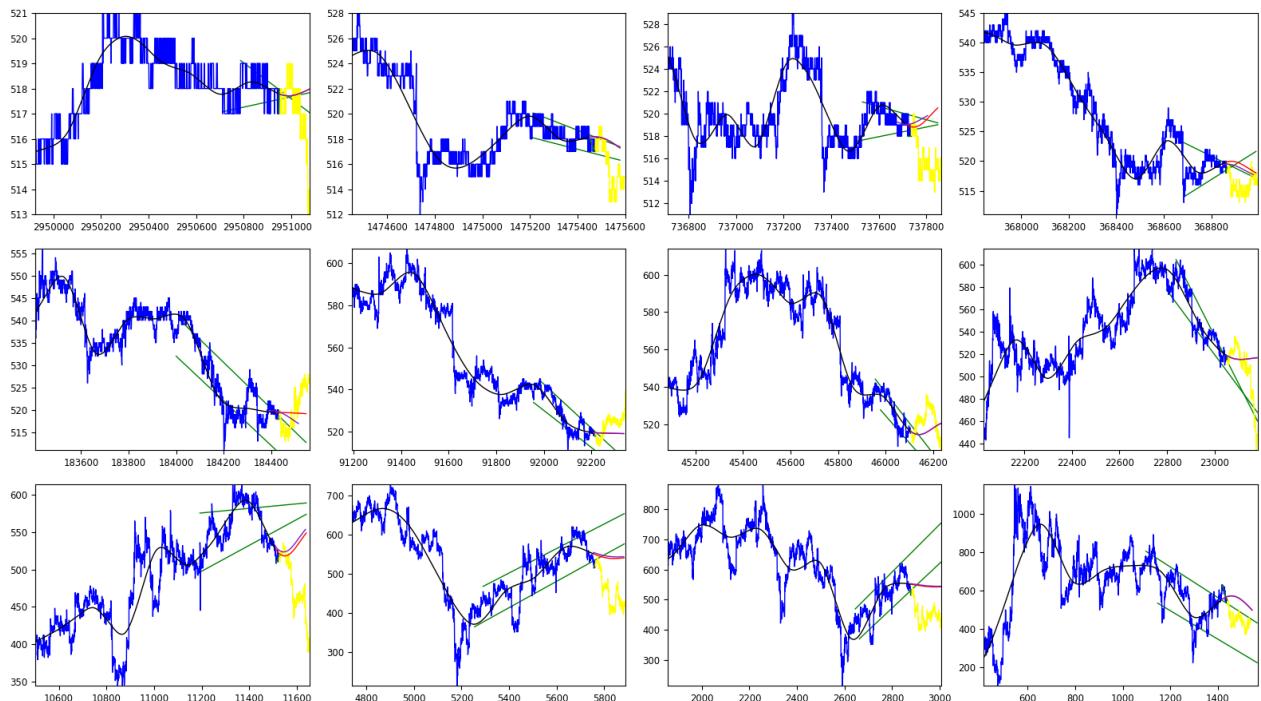


2950950: ptype: 5[0] 4[1] 7[2] 4[3] 1[4,5] 7[6] 5[7] 7[8] 5[9] 3[10] 6[11]

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

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

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



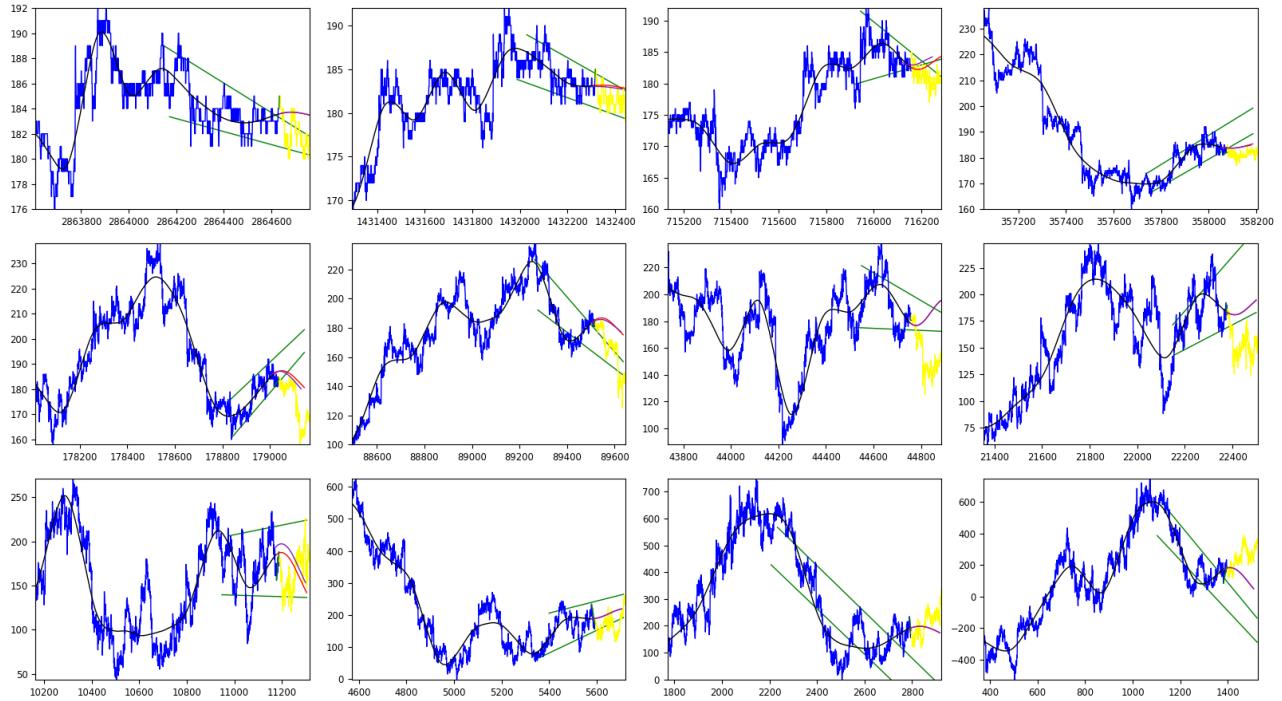
2.20 p9 2864634 2864706

2864634: ptype: 4[0] 3[1] 7[2] 5[3] 6[4,5] 7[6,7] 6[8] 2[9] 4[10] 6[11]

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

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

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



2864706: ptype: 5[0] 3[1] 7[2] 5[3] 4[4] 6[5] 7[6,7] 6[8] 2[9] 4[10] 6[11]

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

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

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

