

Analysis For Eureka

v3-3 part 3

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1 100 cases - part 3

Table 1: The One Hundred Cases to 20171108

No	Inst	Cline	Reached	Reverse	Dir	Why
	l9	1	2277665	2277714		
	jm	-1	2777101	2777340		
	TA	1	2693431	2693540		
	p9	1	2908155	2908222		
	a9	1	2485773	2485950		
	FG	-1	2391759	2391842		
	al	1	2332255	2332350		
	ni	-1	2541575	2541687		
	RM	-1	3146007	3146100		
	zn	1	3088518	3088650		
	v9	1	3012100	3012149		
	RM	1	2700211	2700350		
	ag	1	3064264	3064450		
	v9	-1	2719939	2720079		
	CF	-1	2557284	2557400		
	a9	-1	2364198	2364250		
	rb	1	5995897	5995950		
	SR	-1	3107667	3107750		
	bu	1	2616000	2616078		
	al	-1	2642544	2642591		

2 Detail - part 3

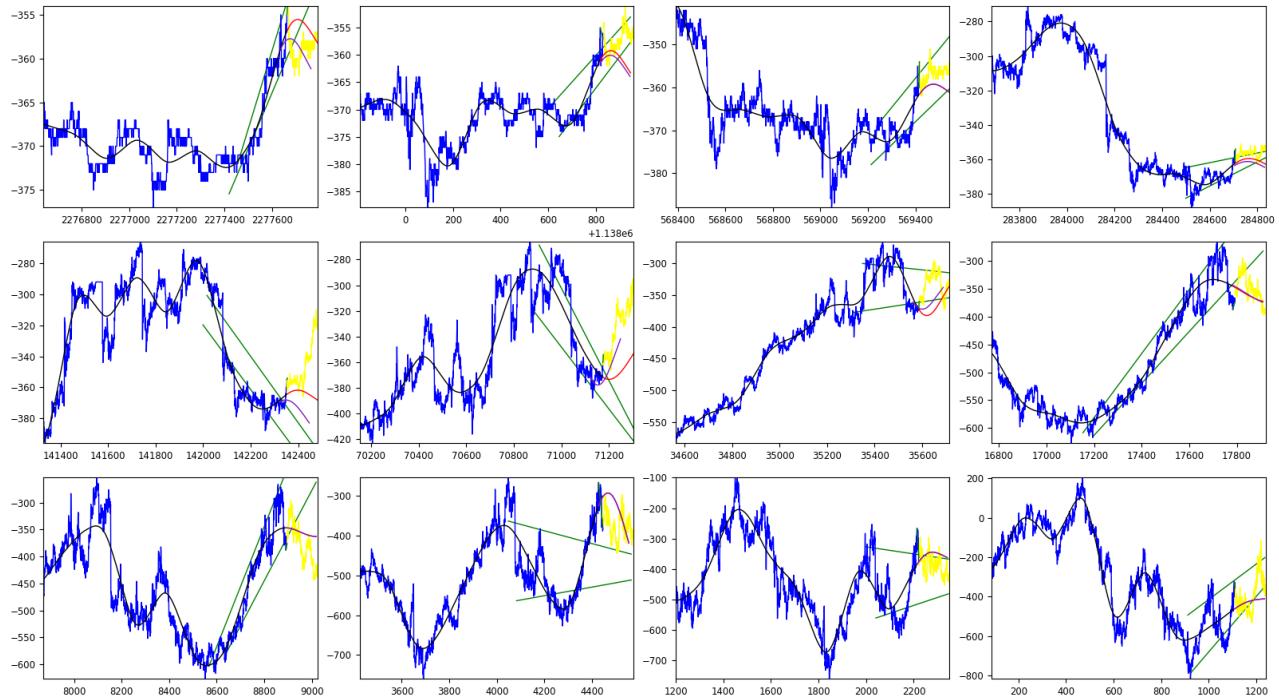
2.1 19 2277665 2277714

2277665: ptype: 6[0,1,2] 4[3] 6[4] 7[5,6] 3[7,8] 6[9] 4[10] 2[11]

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

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

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

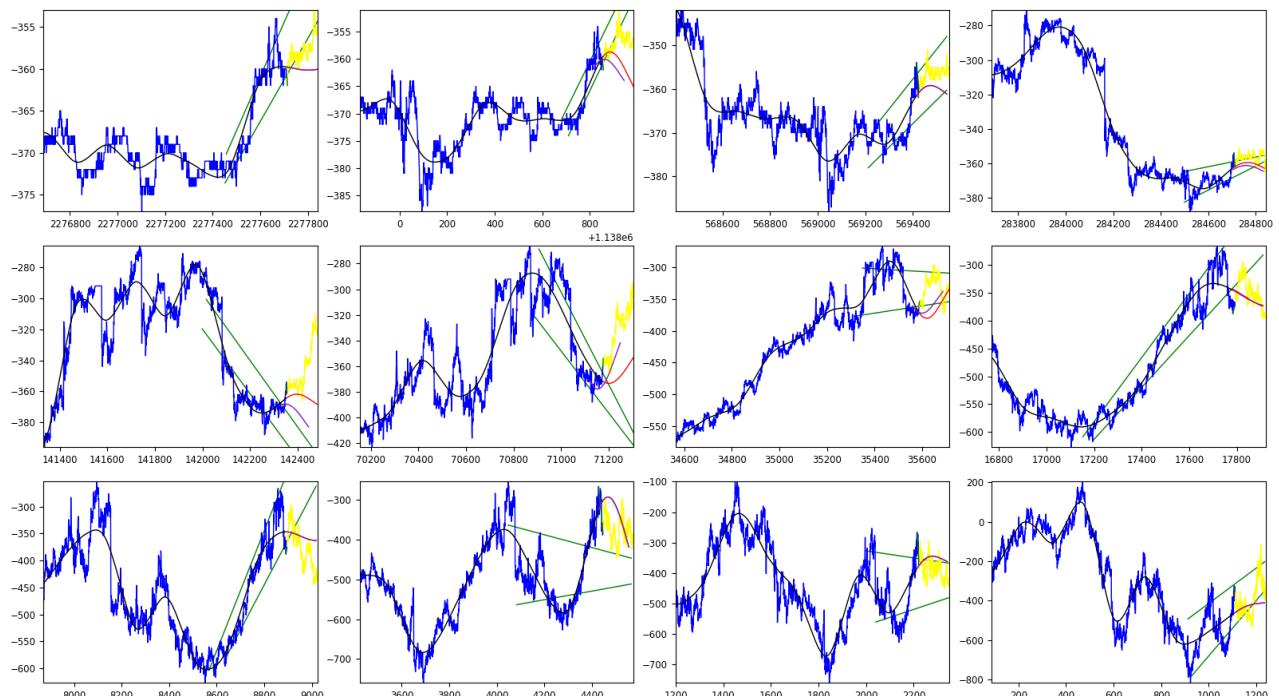


2277714: ptype: 5[0] 6[1,2] 4[3] 6[4] 7[5,6] 3[7,8] 6[9] 4[10] 2[11]

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

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

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



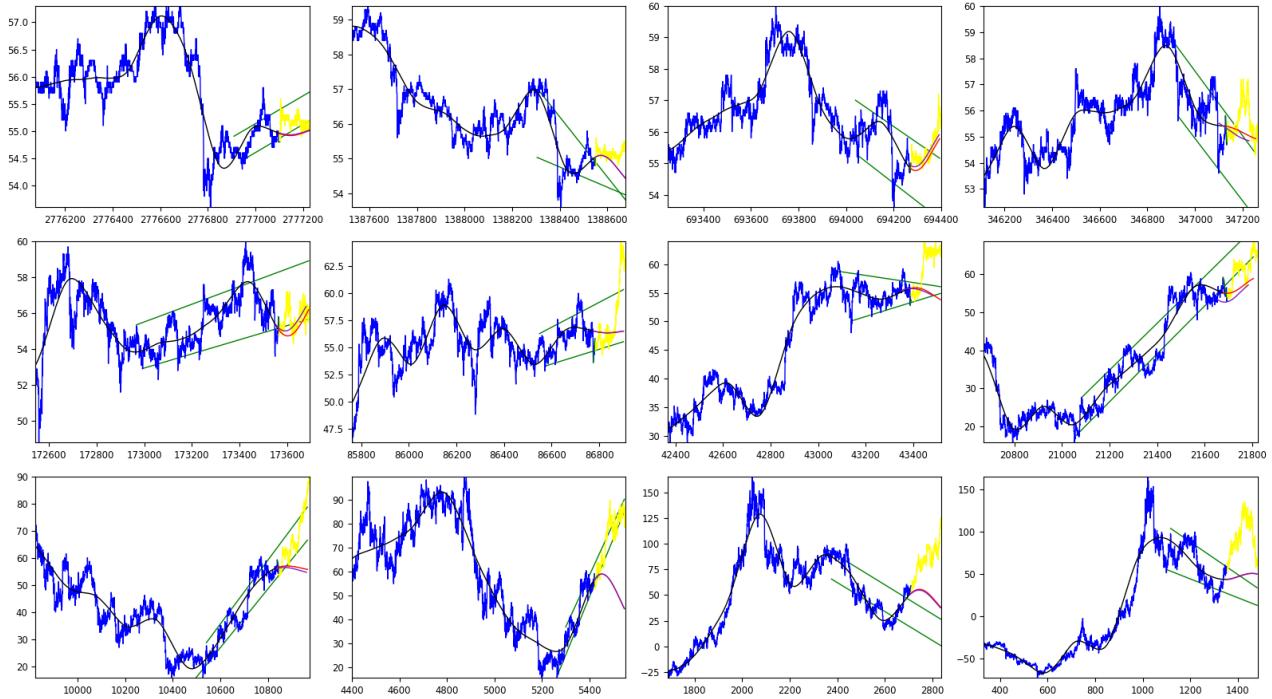
2.2 jm 2777101 2777340

2777101: ptype: 5[0] 6[1] 7[2] 3[3] 7[4] 5[5] 4[6] 5[7] 4[8] 6[9,10] 4[11]

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

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

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

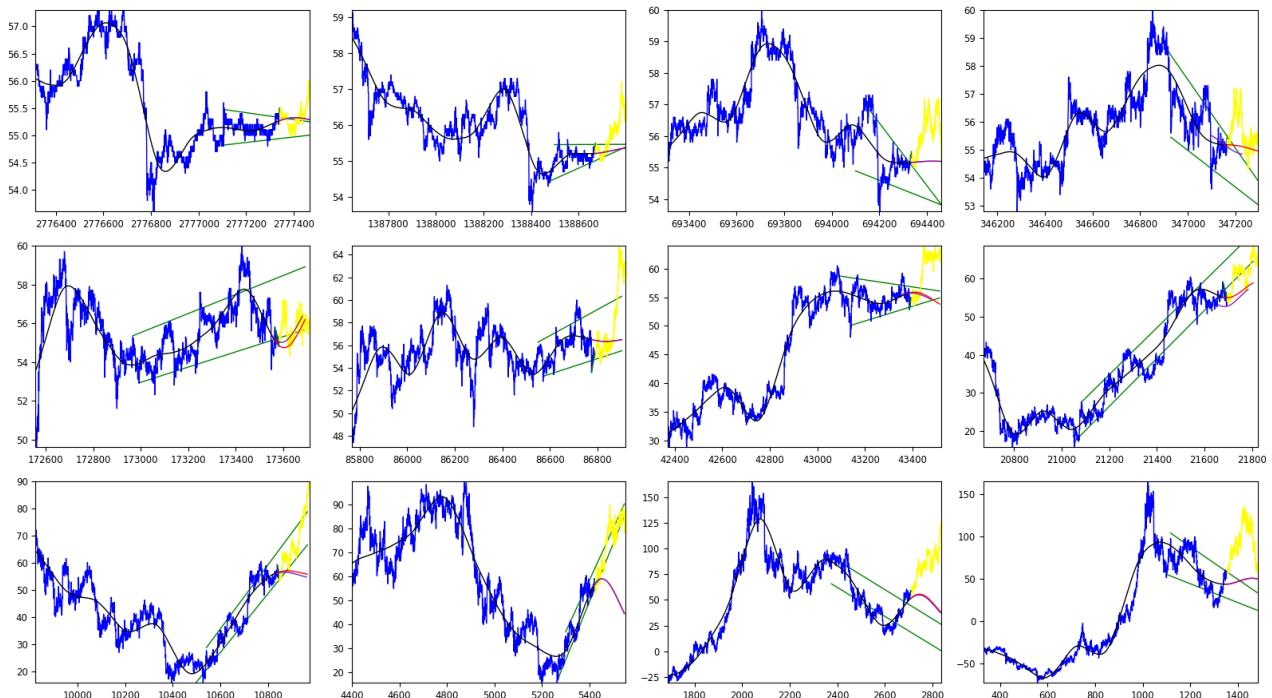


2777340: ptype: 4[0] 2[1,2] 3[3] 7[4] 5[5] 4[6] 5[7] 4[8] 6[9,10] 4[11]

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

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

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



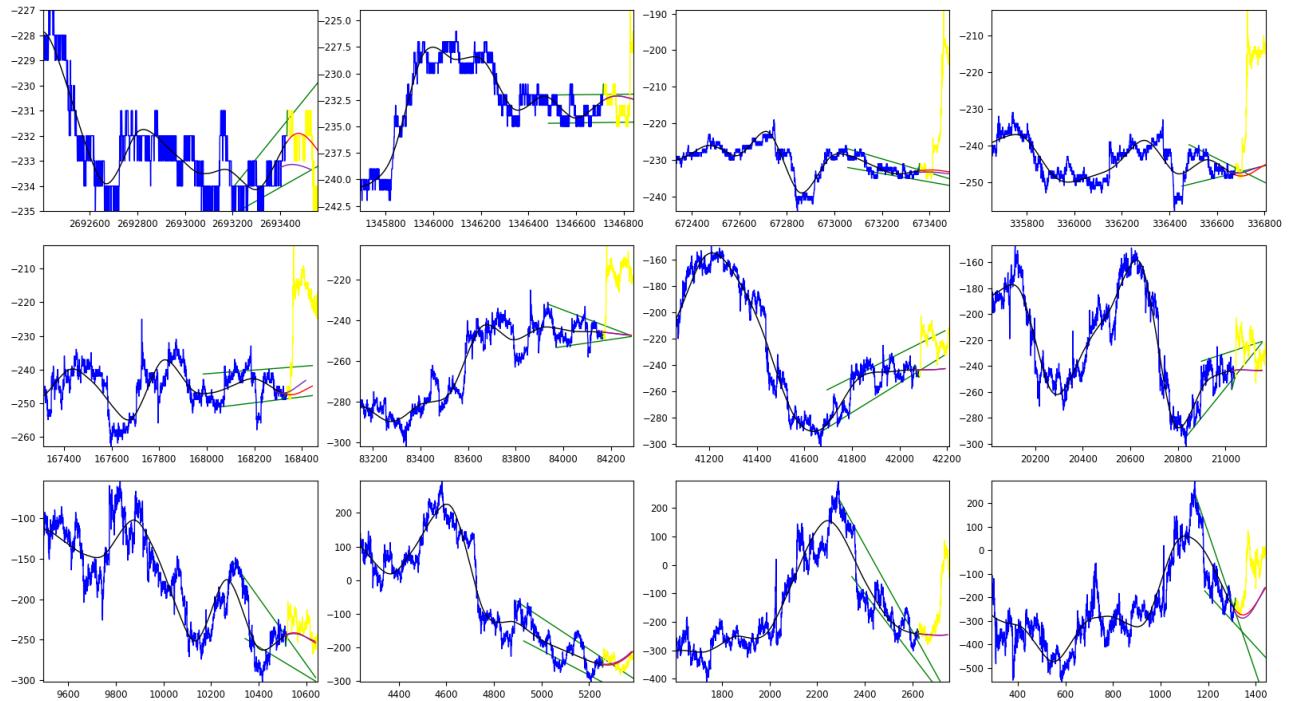
2.3 TA 2693431 2693540

2693431: ptype: 6[0] 4[1,2] 7[3,4] 3[5] 1[6] 2[7] 4[8] 5[9,10] 7[11]

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

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

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

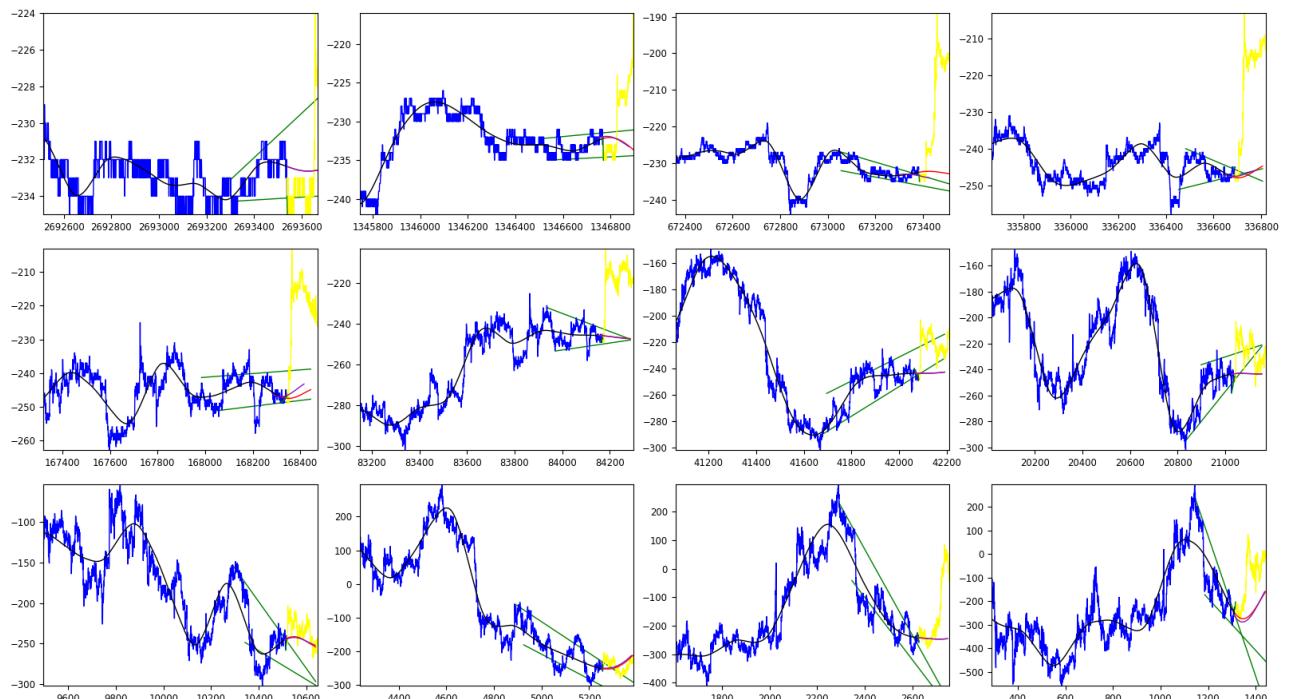


2693540: ptype: 5[0] 4[1,2] 7[3,4] 3[5] 1[6] 2[7] 4[8] 5[9,10] 7[11]

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

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

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



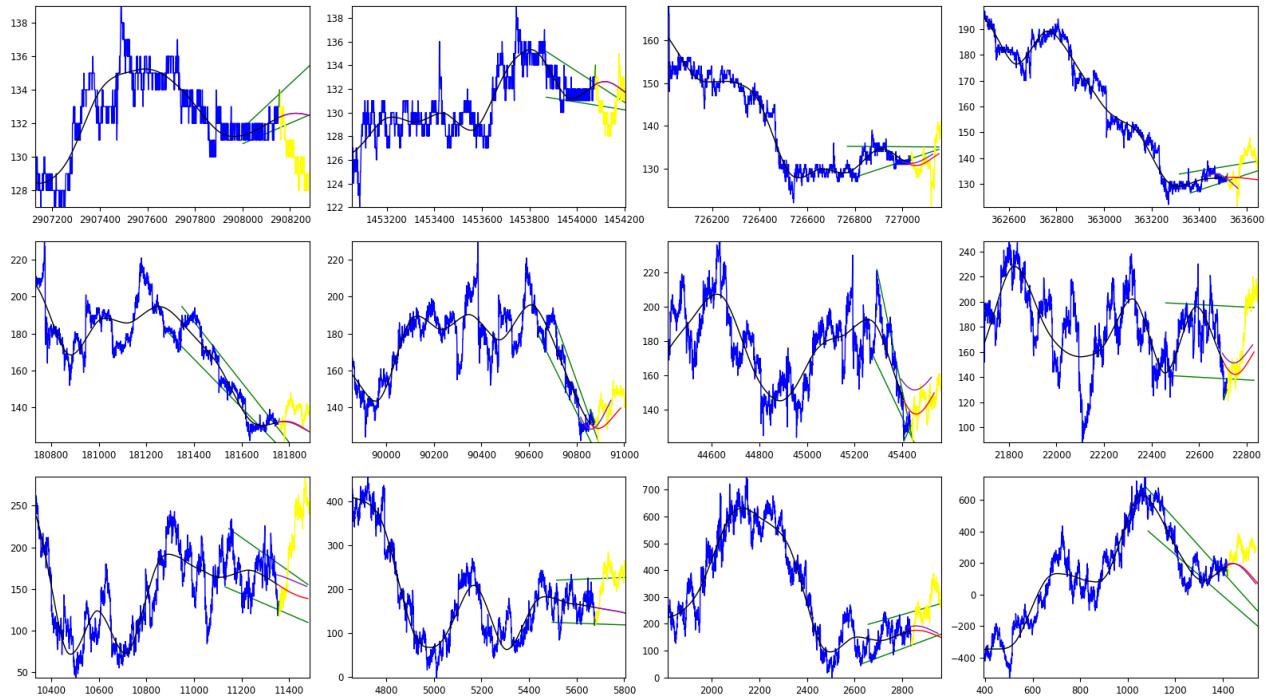
2.4 p9 2908155 2908222

2908155: ptype: 4[0] 6[1] 5[2] 3[3] 4[4] 7[5,6,7] 3[8,9] 4[10,11]

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

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

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

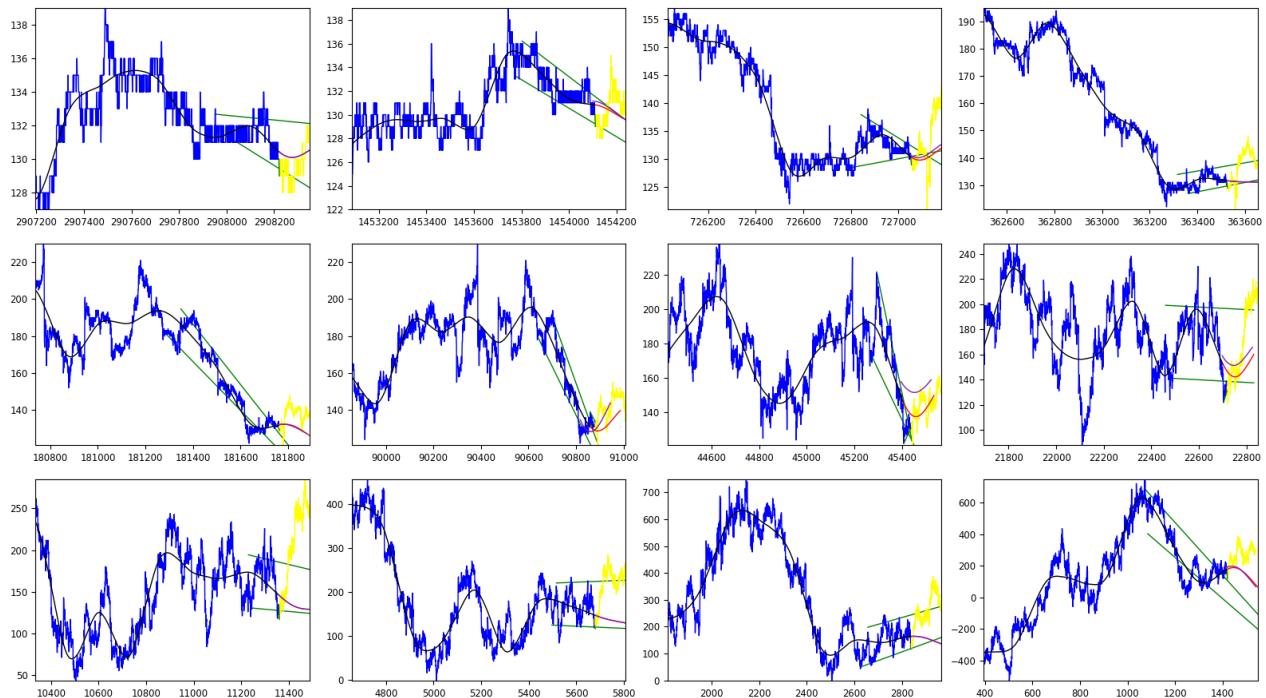


2908222: ptype: 5[0] 3[1] 7[2] 1[3] 4[4] 7[5,6,7] 3[8,9,10] 4[11]

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

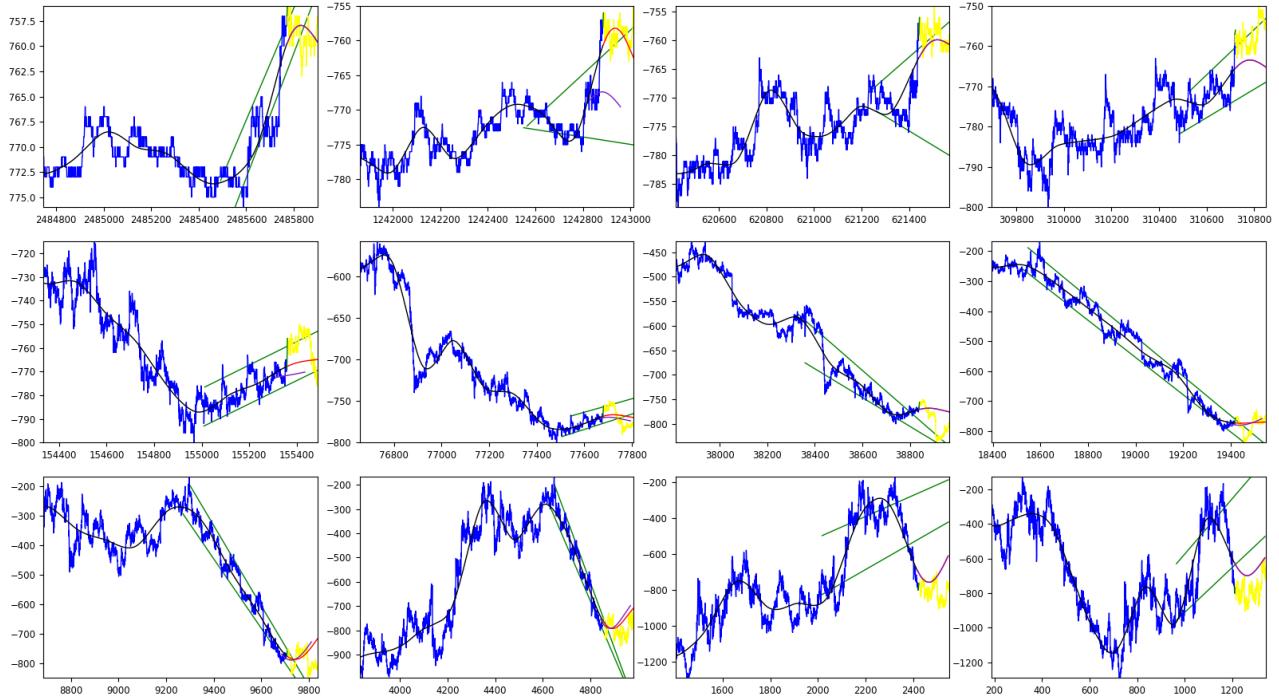
otp: -1[0,1,2,3] 1[4,5,6] -1[7] 0[8,9,10] 1[11]

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

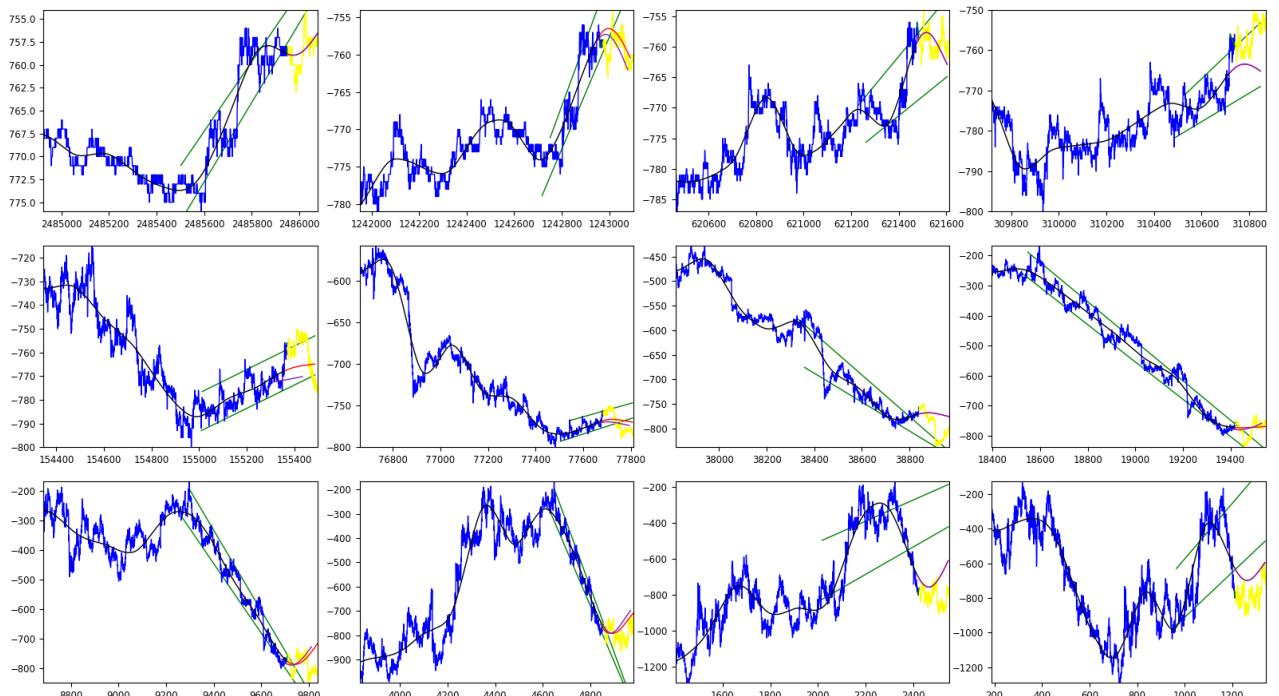


2.5 a9 2485773 2485950

2485773: ptype: 6[0,1,2,3] 2[4] 4[5,6] 1[7] 7[8,9,10,11]
 dir: 1[0,1,2,3,4,5,6] 0[7] -1[8,9,10,11]
 otp: 1[0,1,2,3,4,5,6,7] 0[8,9] -1[10,11]
 cshape: 1[0] 2[1] 3[2] 5[3] 1[4,5] 5[6] 1[7,8,9] 5[10] 1[11]



2485950: ptype: 5[0] 6[1,2,3] 2[4] 4[5,6] 1[7] 7[8,9,10,11]
 dir: -1[0] 1[1,2,3,4,5,6] 0[7] -1[8,9,10,11]
 otp: -1[0] 0[1,2] 1[3] 0[4,5] 1[6,7] 0[8,9] -1[10,11]
 cshape: 1[0,1] 5[2,3] 1[4,5] 5[6] 1[7,8,9] 5[10] 1[11]



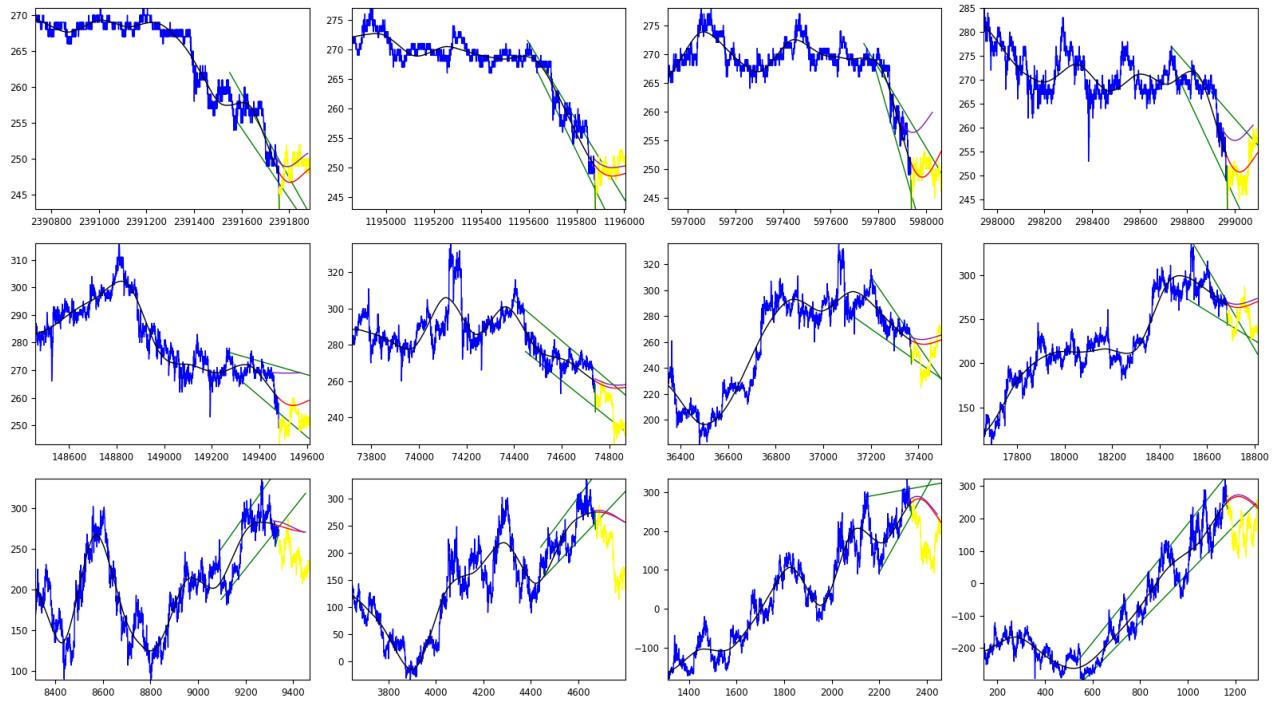
2.6 FG 2391759 2391842

2391759: ptype: 7[0] 5[1] 7[2,3] 5[4,5,6,7] 3[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] 0[10,11]

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

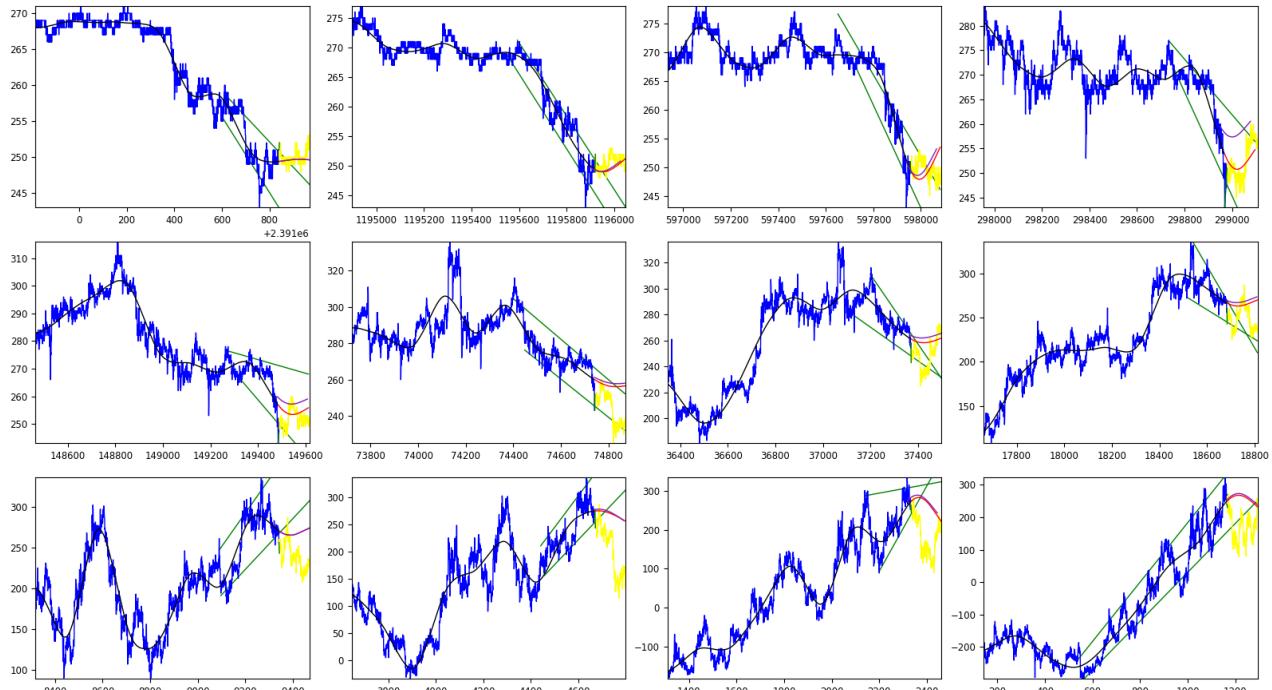


2391842: ptype: 4[0] 5[1] 7[2,3] 5[4,5,6,7,8] 3[9] 6[10,11]

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

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

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



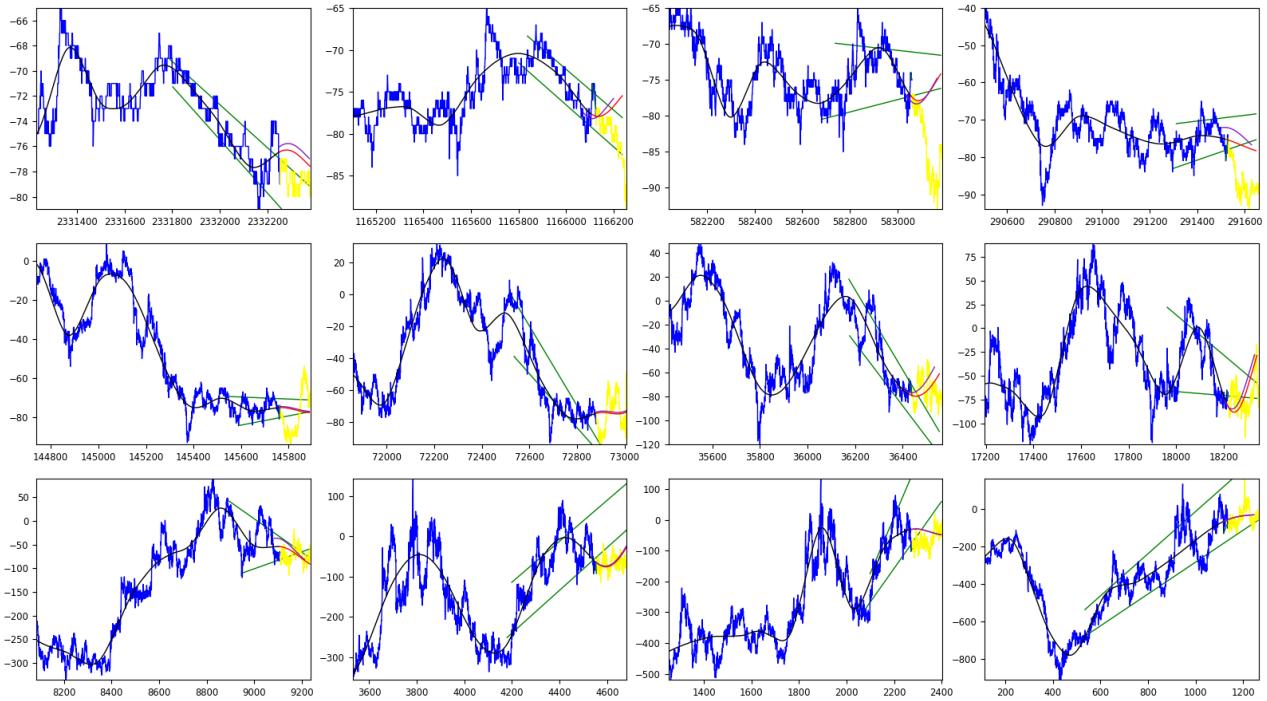
2.7 al 2332255 2332350

2332255: ptype: 4[0] 7[1,2] 3[3,4] 2[5] 5[6] 7[7] 3[8] 7[9] 4[10] 2[11]

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

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

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

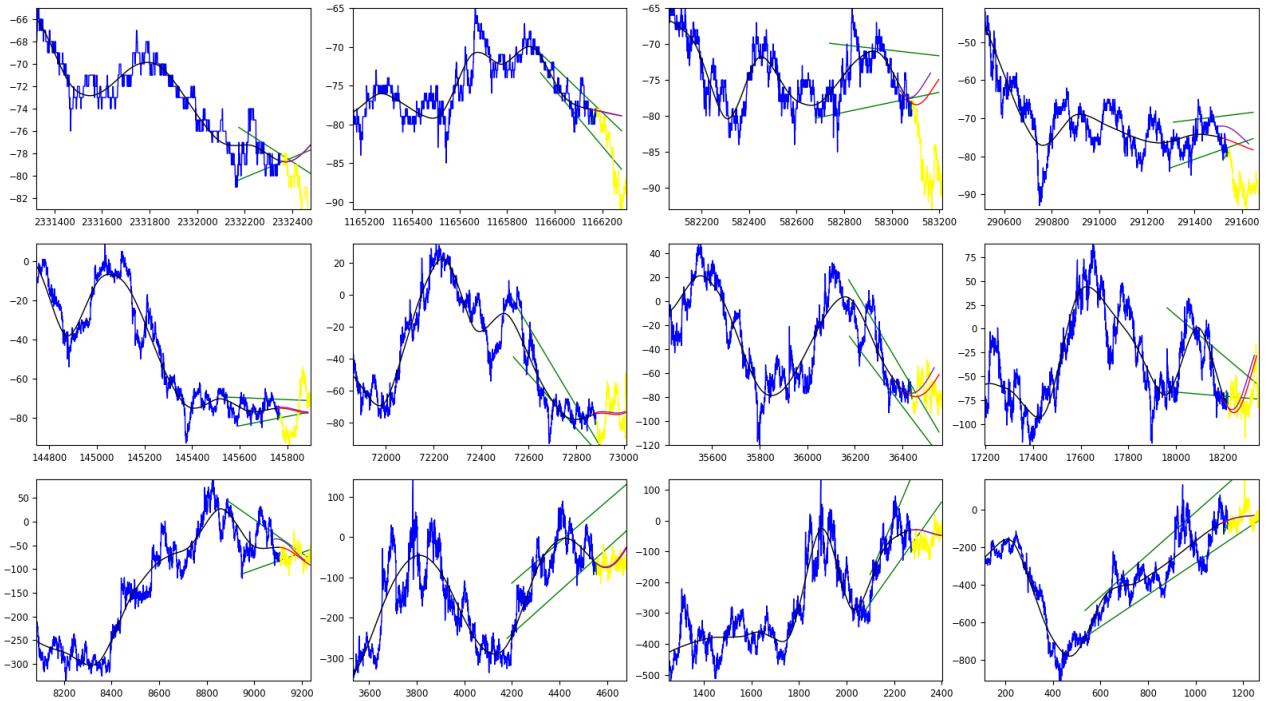


2332350: ptype: 5[0] 3[1] 7[2] 3[3,4] 2[5] 5[6] 7[7] 3[8] 7[9] 4[10] 2[11]

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

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

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



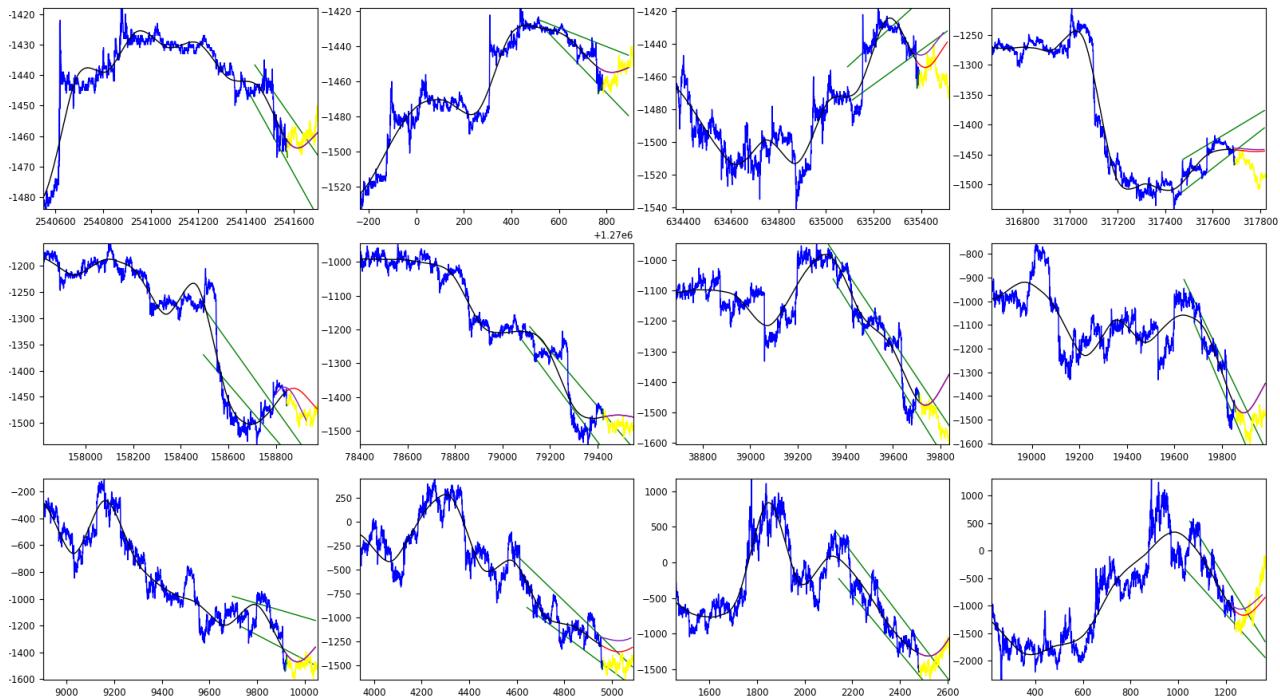
2.8 ni 2541575 2541687

2541575: ptype: 7[0] 5[1] 7[2] 3[3] 6[4] 4[5] 7[6,7,8] 5[9] 7[10,11]

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

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

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

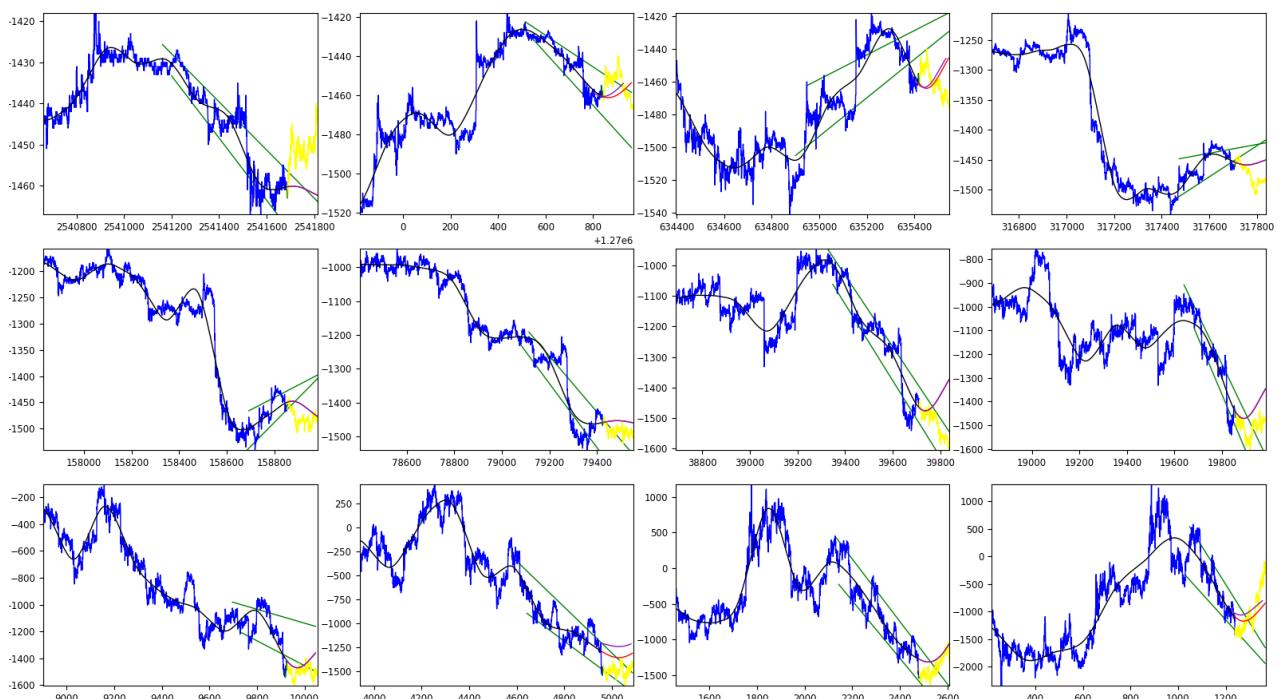


2541687: ptype: 4[0] 5[1] 7[2] 5[3] 4[4,5] 7[6,7,8] 5[9] 7[10,11]

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

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

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



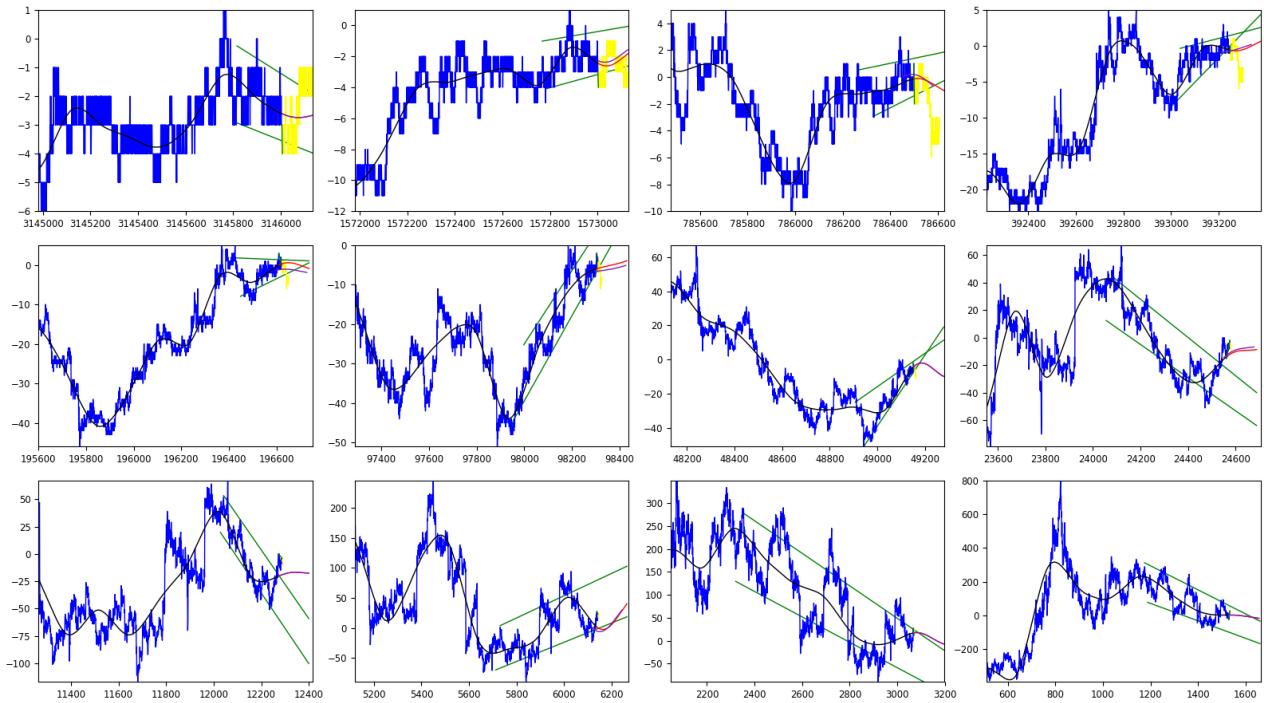
2.9 RM 3146007 3146100

3146007: ptype: 5[0] 7[1] 3[2] 5[3] 4[4] 2[5] 6[6] 2[7] 4[8] 7[9] 3[10,11]

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

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

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

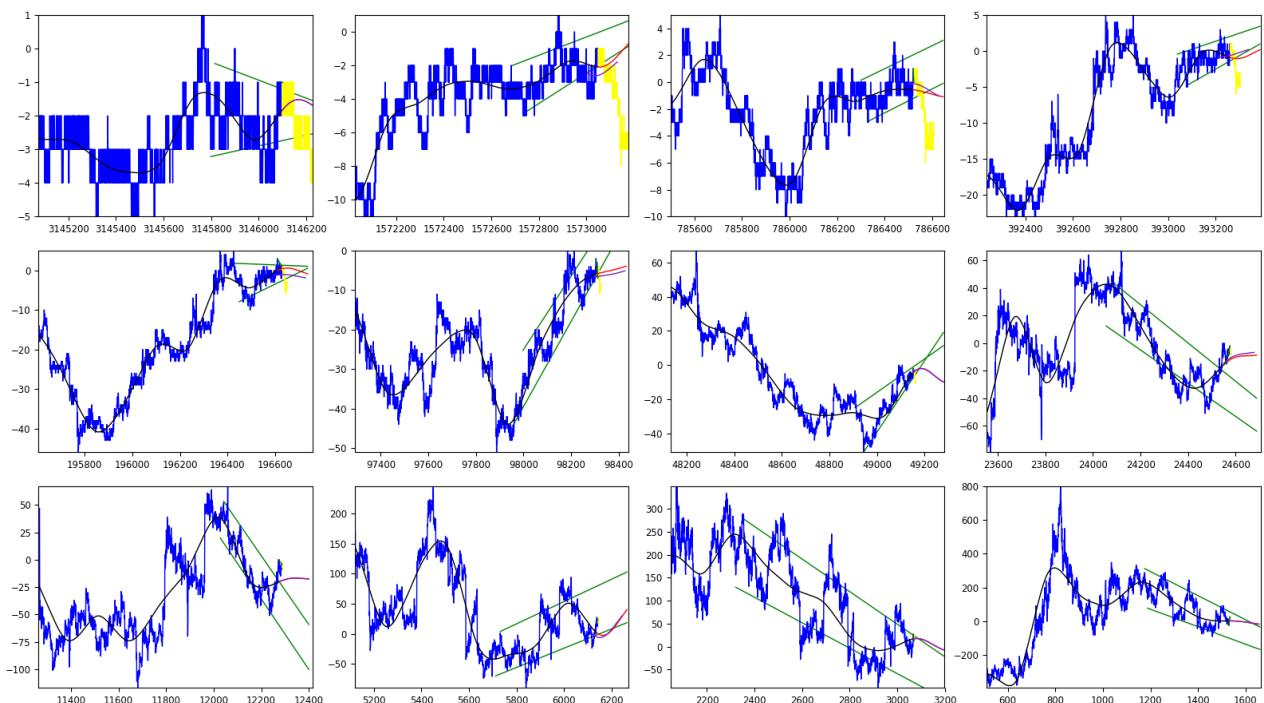


3146100: ptype: 4[0] 2[1] 3[2] 5[3] 4[4] 2[5] 6[6] 2[7] 4[8] 7[9] 3[10,11]

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

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

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



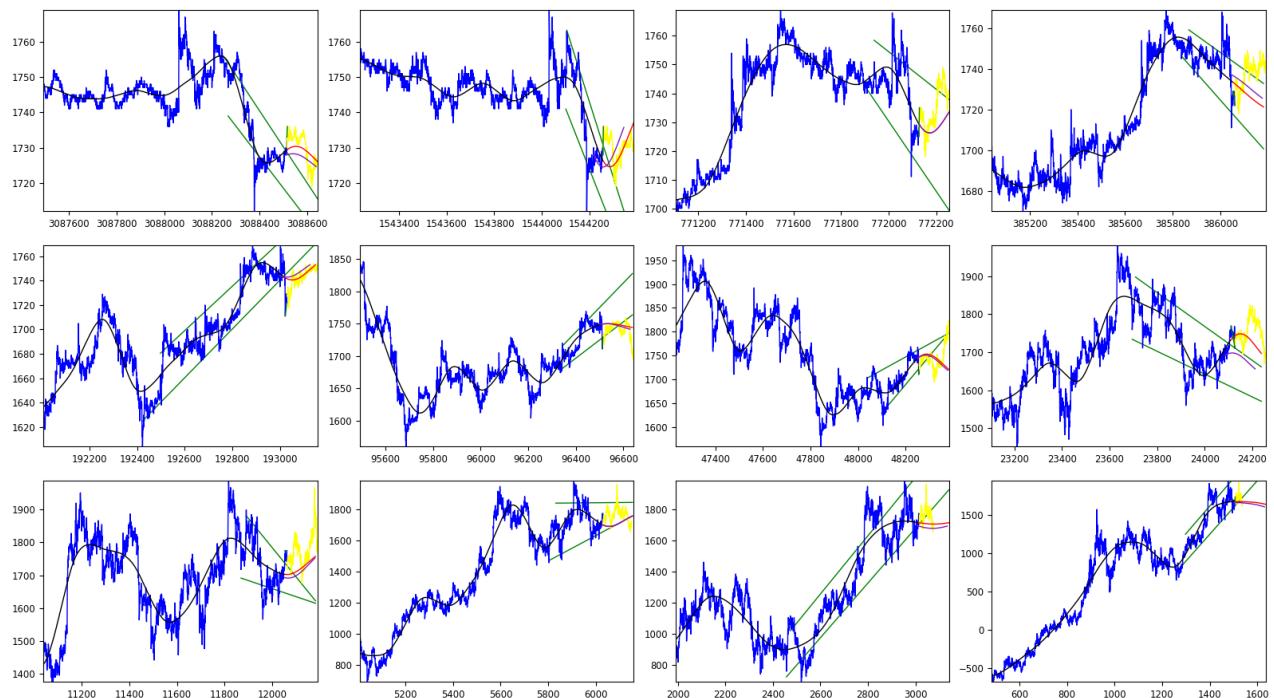
2.10 zn 3088518 3088650

3088518: ptype: 6[0] 7[1,2] 3[3] 5[4] 4[5] 6[6,7] 2[8] 5[9,10] 3[11]

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

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

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

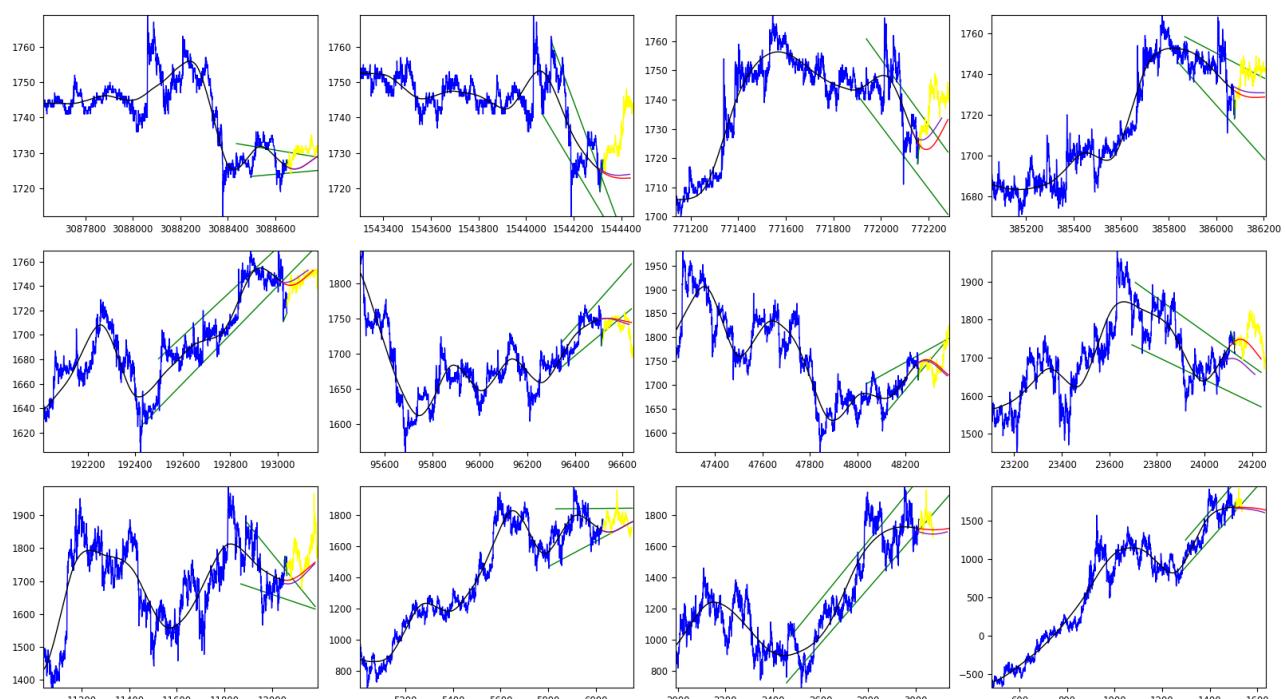


3088650: ptype: 5[0] 3[1] 7[2] 3[3] 5[4] 4[5] 6[6,7] 2[8] 5[9,10] 3[11]

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

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

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



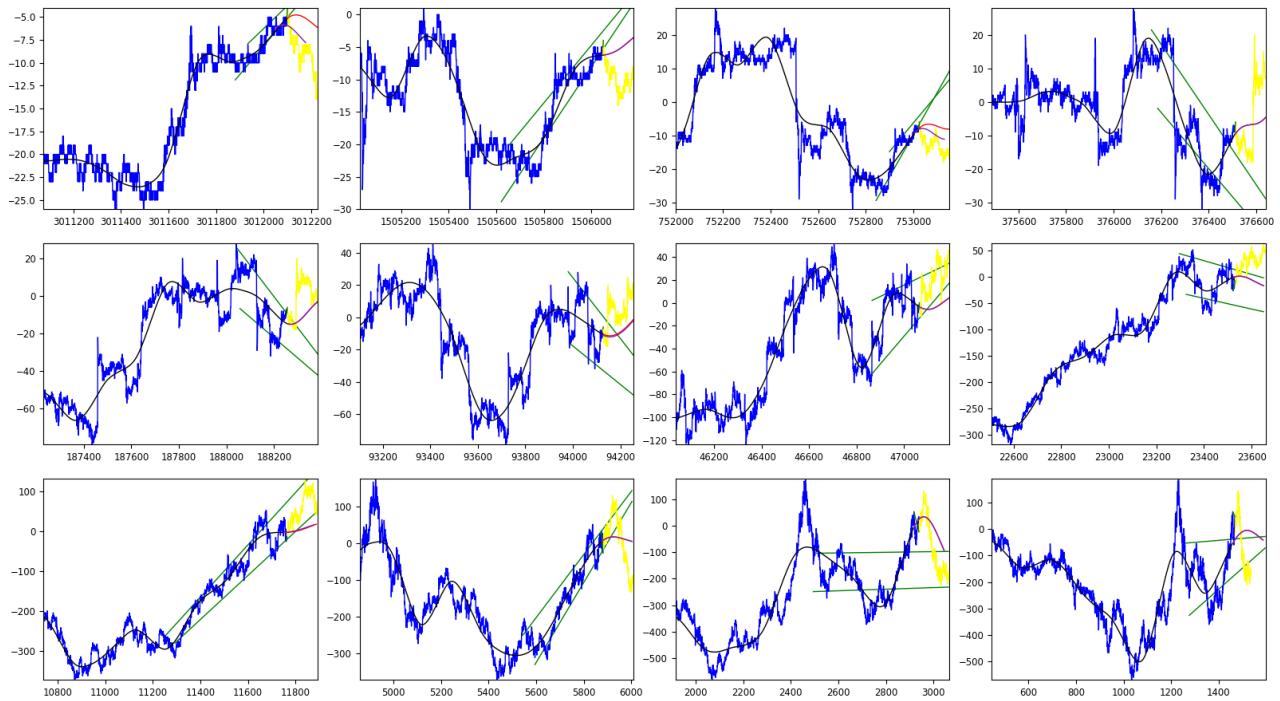
2.11 v9 3012100 3012149

3012100: ptype: 6[0] 2[1] 1[2] 2[3] 5[4,5,6] 4[7] 2[8] 4[9] 6[10,11]

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

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

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

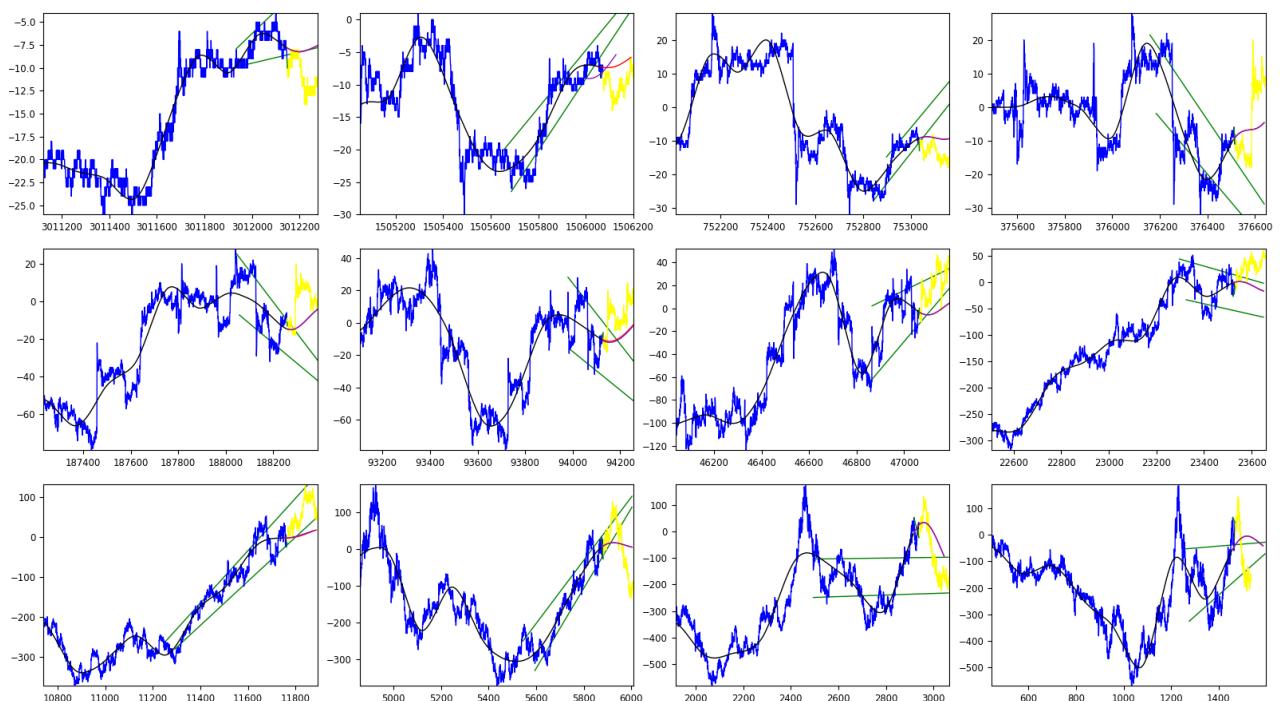


3012149: ptype: 5[0,1] 1[2] 2[3] 5[4,5,6] 4[7] 2[8] 4[9] 6[10,11]

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

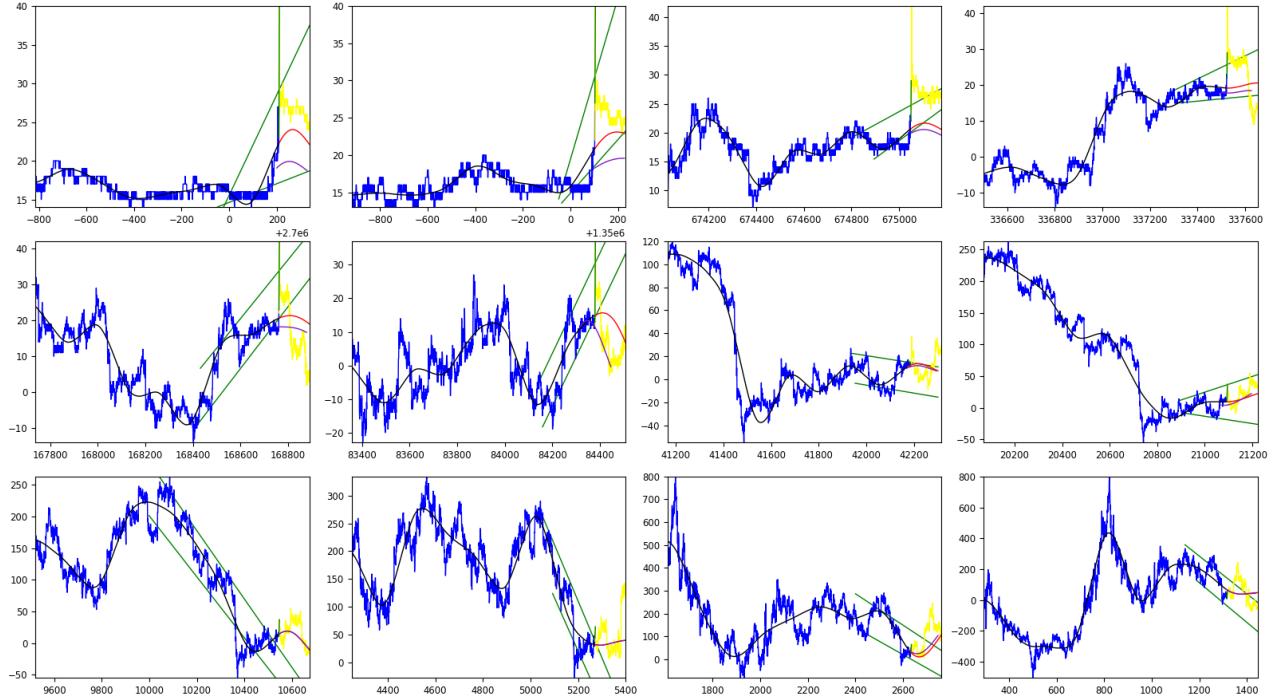
otp: -1[0,1] 0[2] 1[3,4] 0[5,6,7,8,9] 1[10,11]

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

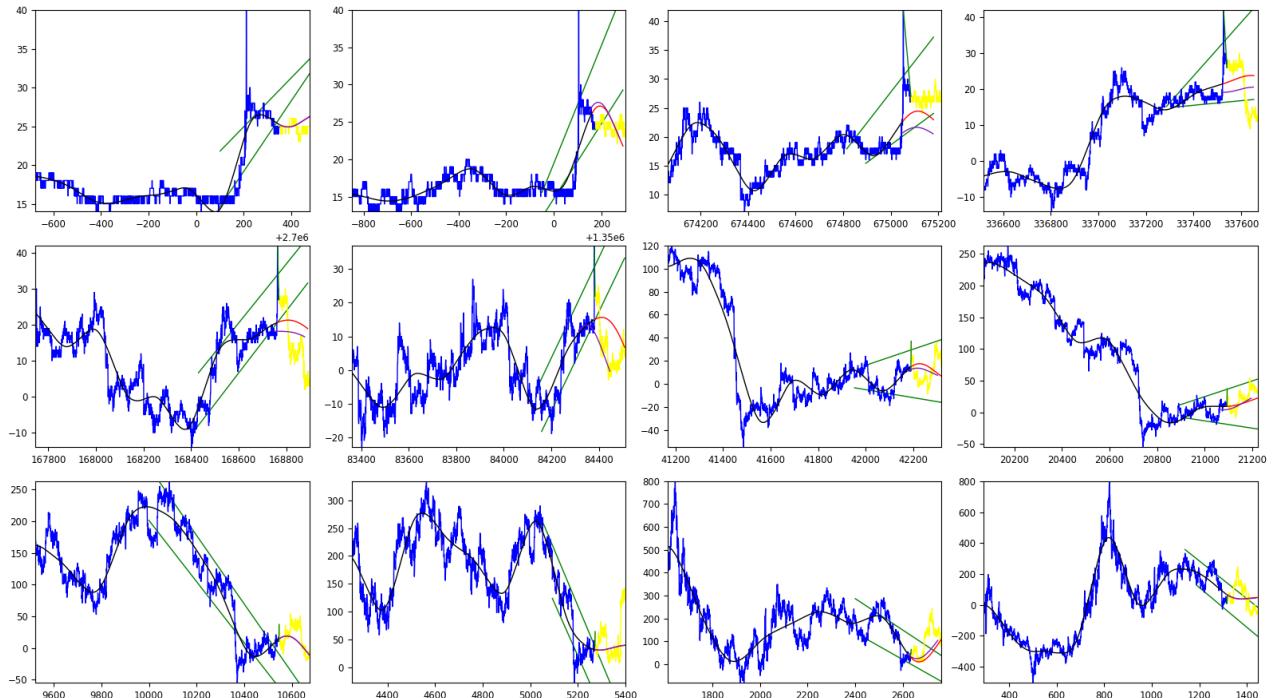


2.12 RM 2700211 2700350

2700211: ptype: 6[0] 4[1] 6[2] 2[3] 4[4] 6[5] 4[6] 2[7] 6[8] 5[9] 7[10] 5[11]
 dir: 1[0,1,2,3,4,5,6,7,8] -1[9,10,11]
 otp: 1[0,1,2,3,4,5,6,7,8,9] 0[10,11]
 cshape: 3[0,1] 1[2] 3[3] 1[4,5,6] 3[7] 1[8,9,10,11]



2700350: ptype: 5[0] 6[1,2] 2[3] 4[4] 6[5,6] 2[7] 6[8] 5[9] 7[10] 5[11]
 dir: -1[0] 1[1,2,3,4,5,6,7,8] -1[9,10,11]
 otp: -1[0] 0[1,2,3,4,5,6,7] 1[8] 0[9,10,11]
 cshape: 5[0] 1[1] 5[2] 3[3] 1[4,5] 3[6,7] 1[8,9,10,11]



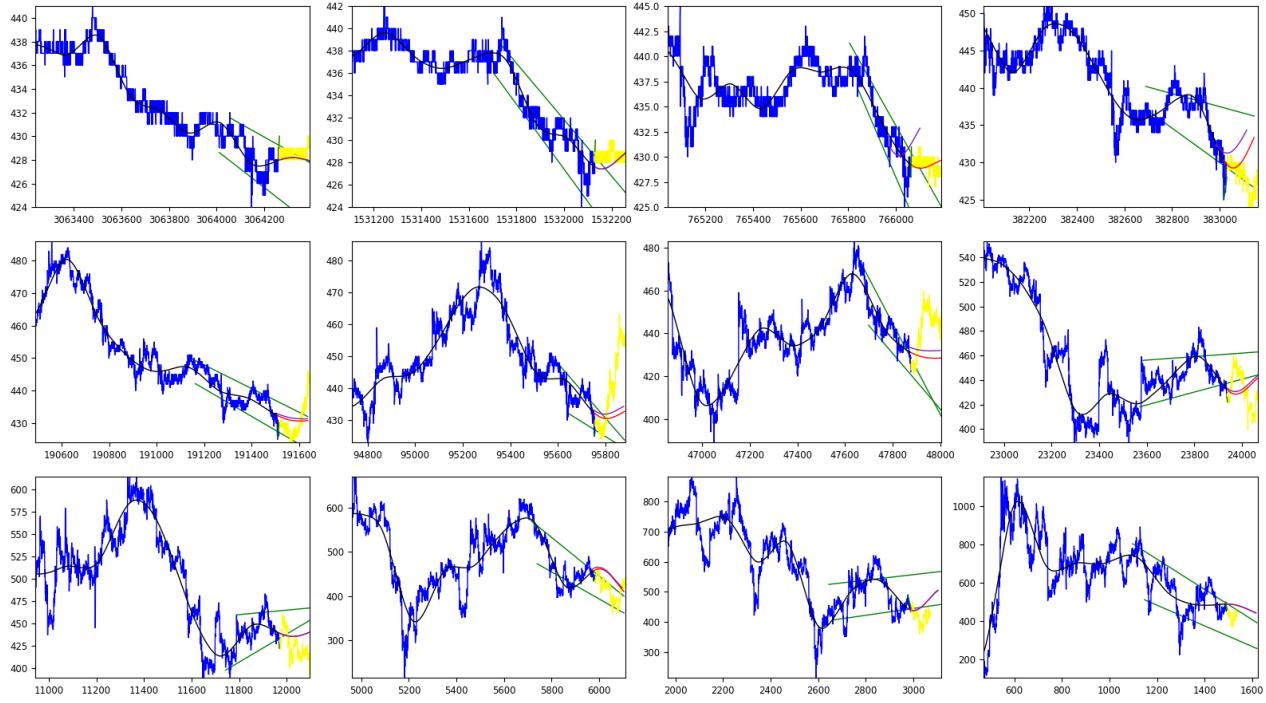
2.13 ag 3064264 3064450

3064264: ptype: 4[0] 5[1,2] 7[3] 3[4] 5[5] 3[6] 7[7] 5[8] 6[9] 7[10] 3[11]

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

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

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

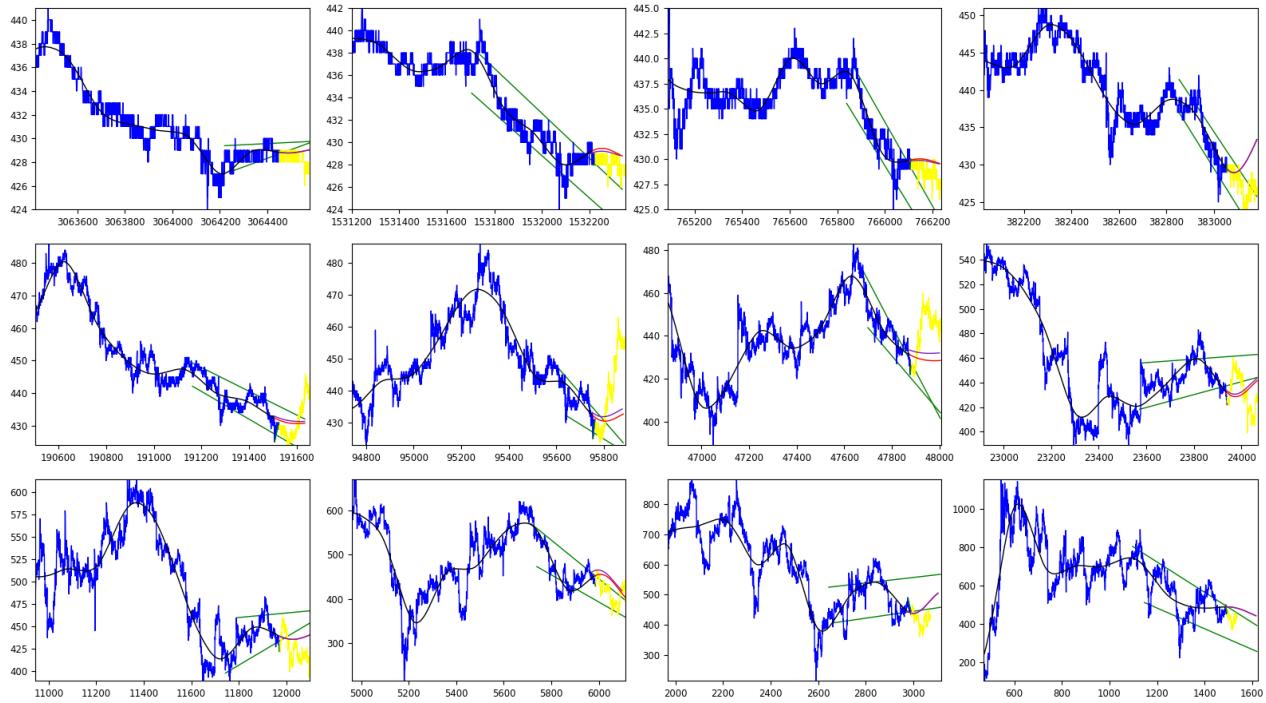


3064450: ptype: 5[0] 4[1,2] 7[3] 3[4] 5[5] 3[6] 7[7] 5[8] 4[9] 7[10] 3[11]

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

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

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



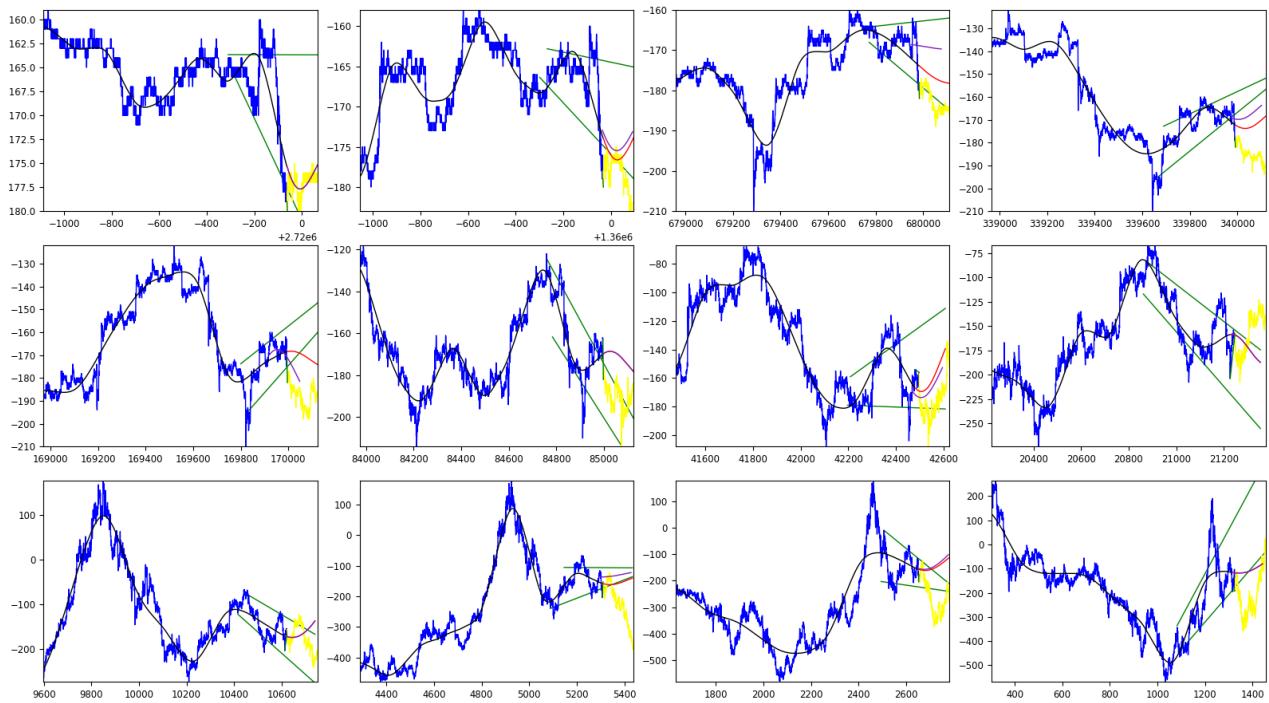
2.14 v9 2719939 2720079

2719939: ptype: 7[0,1] 3[2] 7[3] 4[4] 6[5] 7[6] 3[7] 5[8,9,10,11]

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

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

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

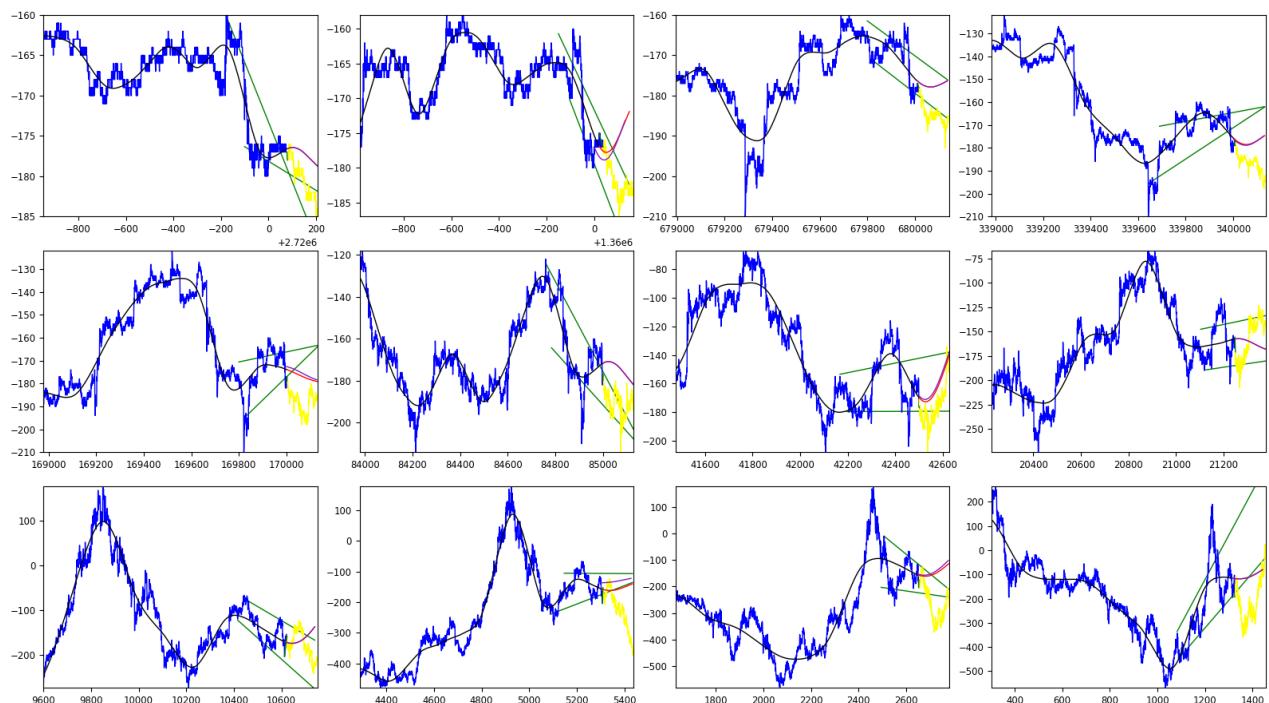


2720079: ptype: 4[0] 7[1] 5[2] 7[3] 3[4] 4[5] 7[6] 3[7] 5[8,9,10,11]

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

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

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



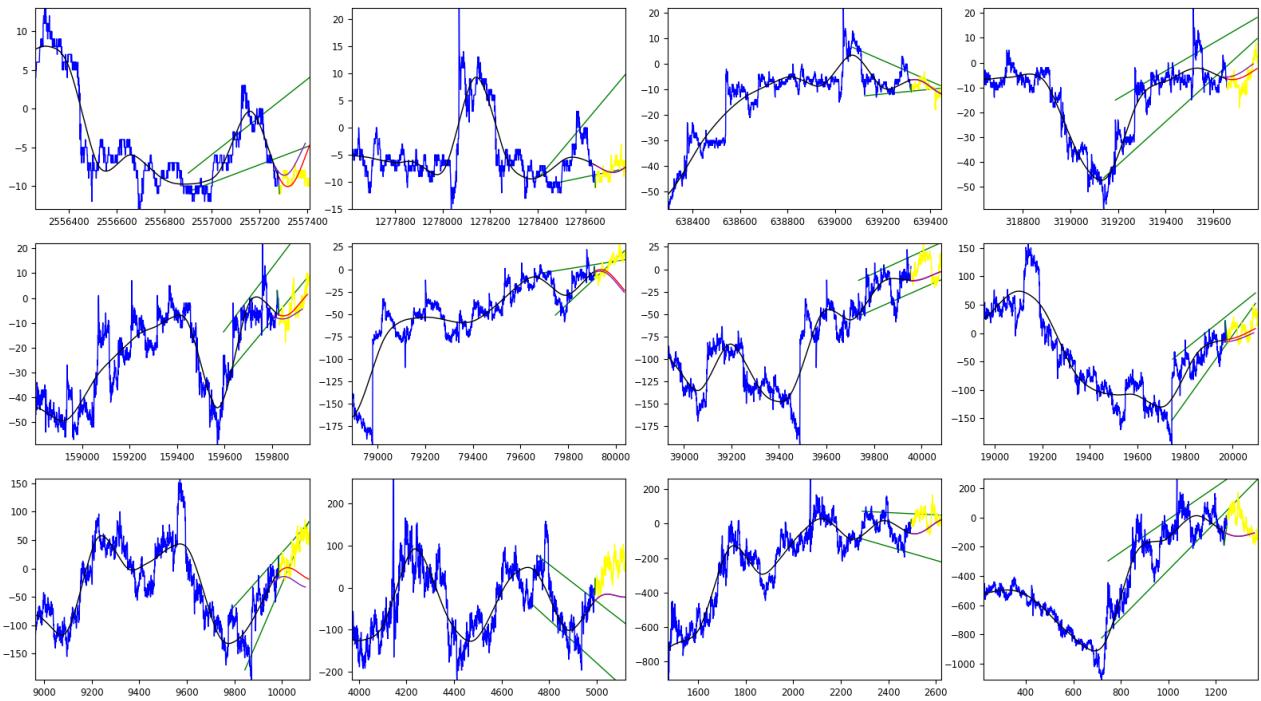
2.15 CF 2557284 2557400

2557284: ptype: 7[0,1] 3[2] 5[3] 7[4] 6[5] 2[6,7] 6[8] 4[9] 2[10] 5[11]

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

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

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

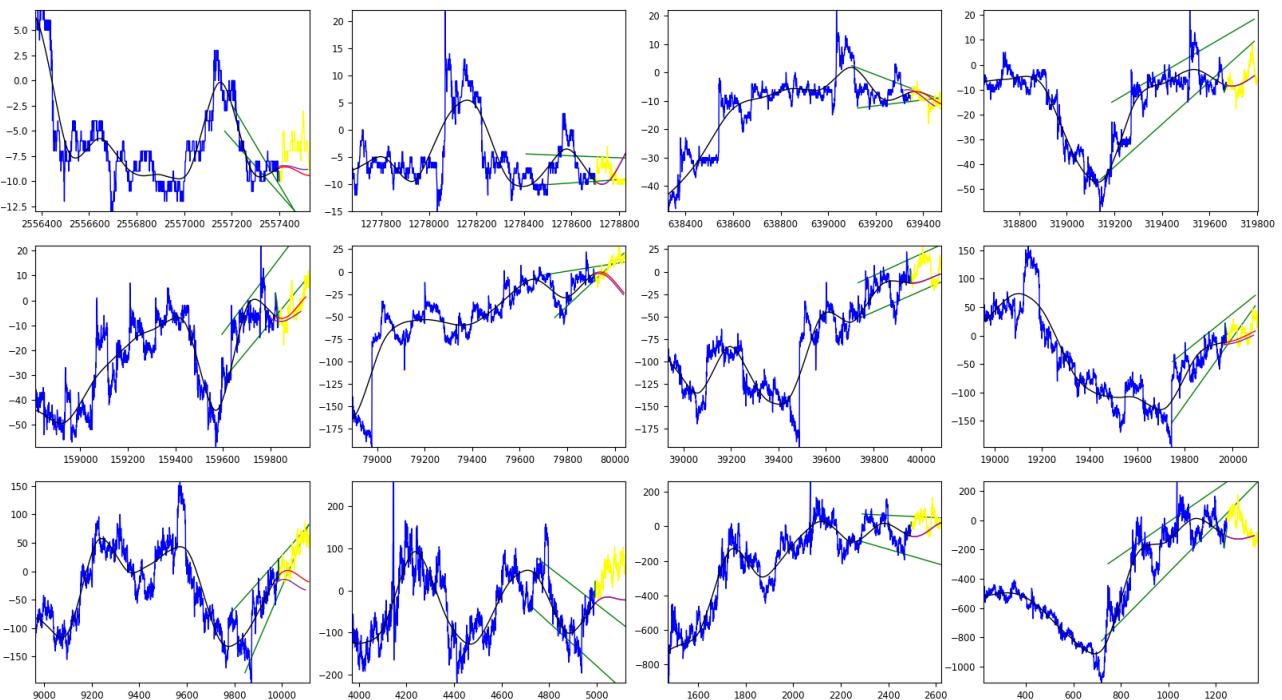


2557400: ptype: 4[0] 7[1] 4[2] 5[3] 7[4] 6[5] 2[6,7] 6[8] 4[9] 2[10] 5[11]

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

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

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



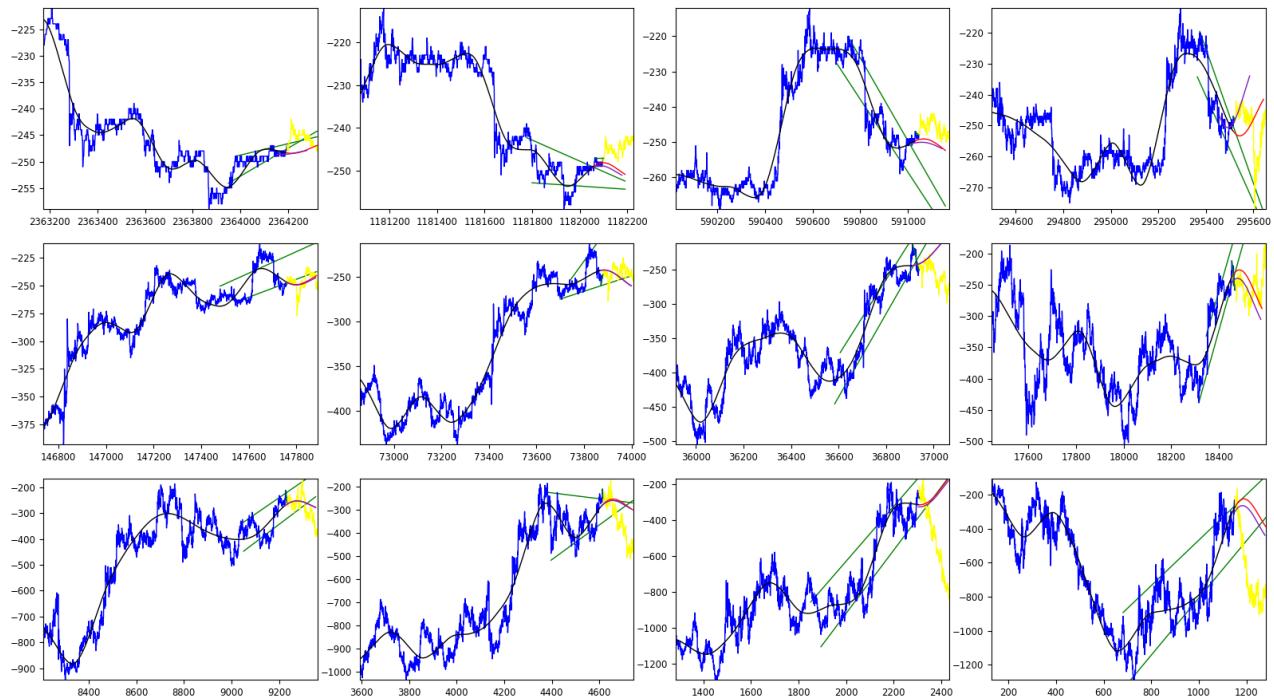
2.16 a9 2364198 2364250

2364198: ptype: 5[0] 6[1] 4[2] 7[3] 5[4] 3[5] 2[6] 6[7] 4[8] 6[9] 2[10] 6[11]

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

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

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

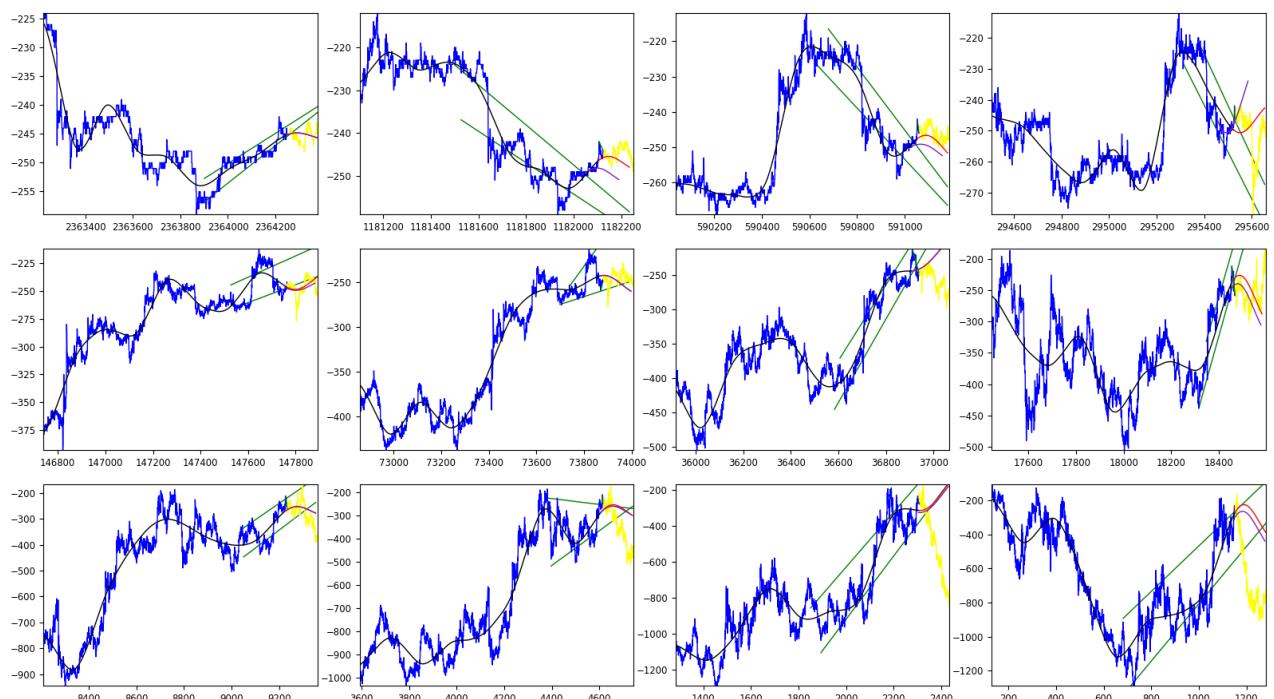


2364250: ptype: 4[0] 6[1,2] 7[3] 5[4] 3[5] 2[6] 6[7] 4[8] 6[9] 2[10] 6[11]

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

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

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



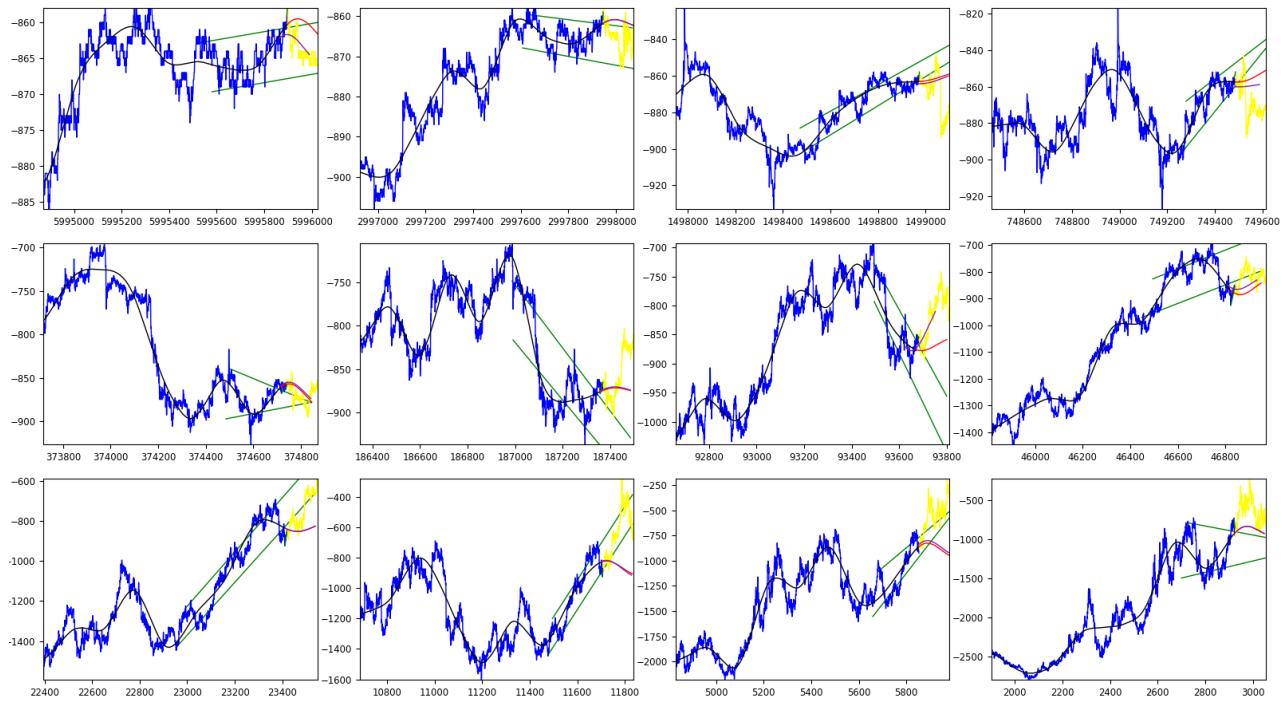
2.17 rb 5995897 5995950

5995897: ptype: 6[0] 4[1] 2[2,3] 6[4] 4[5] 5[6] 7[7] 5[8] 4[9] 6[10,11]

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

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

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

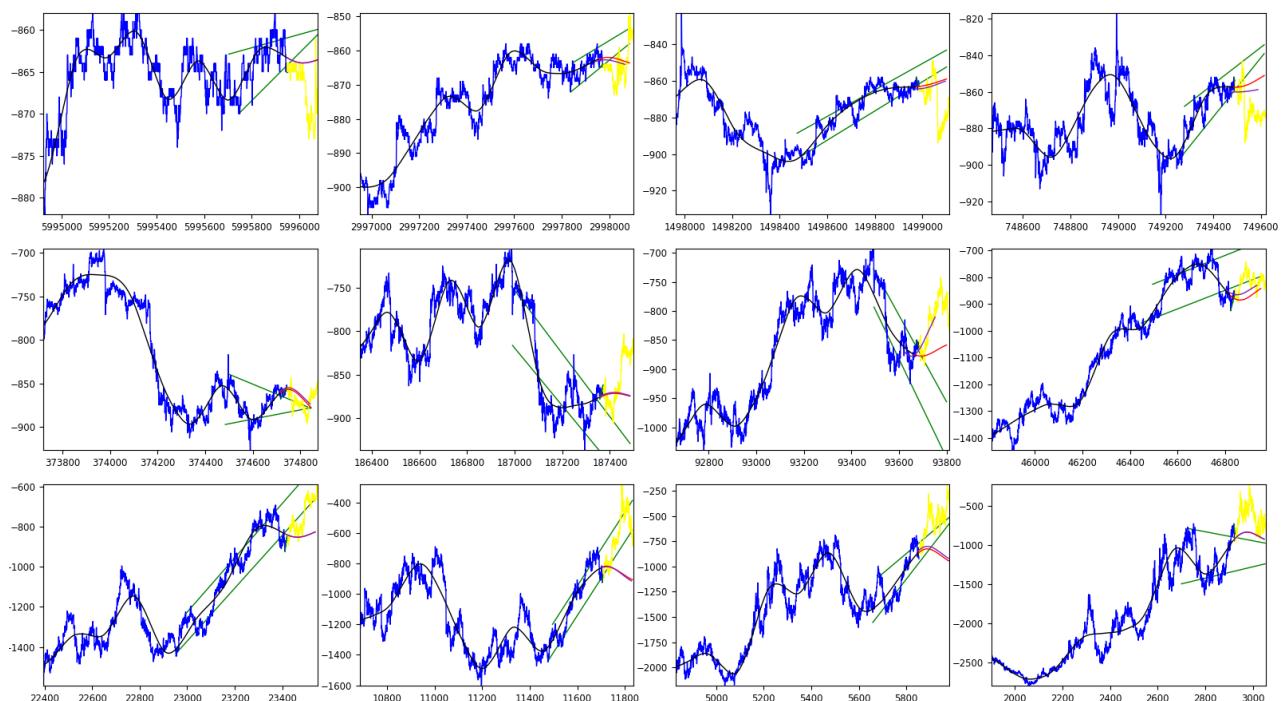


5995950: ptype: 5[0] 4[1] 2[2,3] 6[4] 4[5] 5[6] 7[7] 5[8] 4[9] 6[10,11]

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

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

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



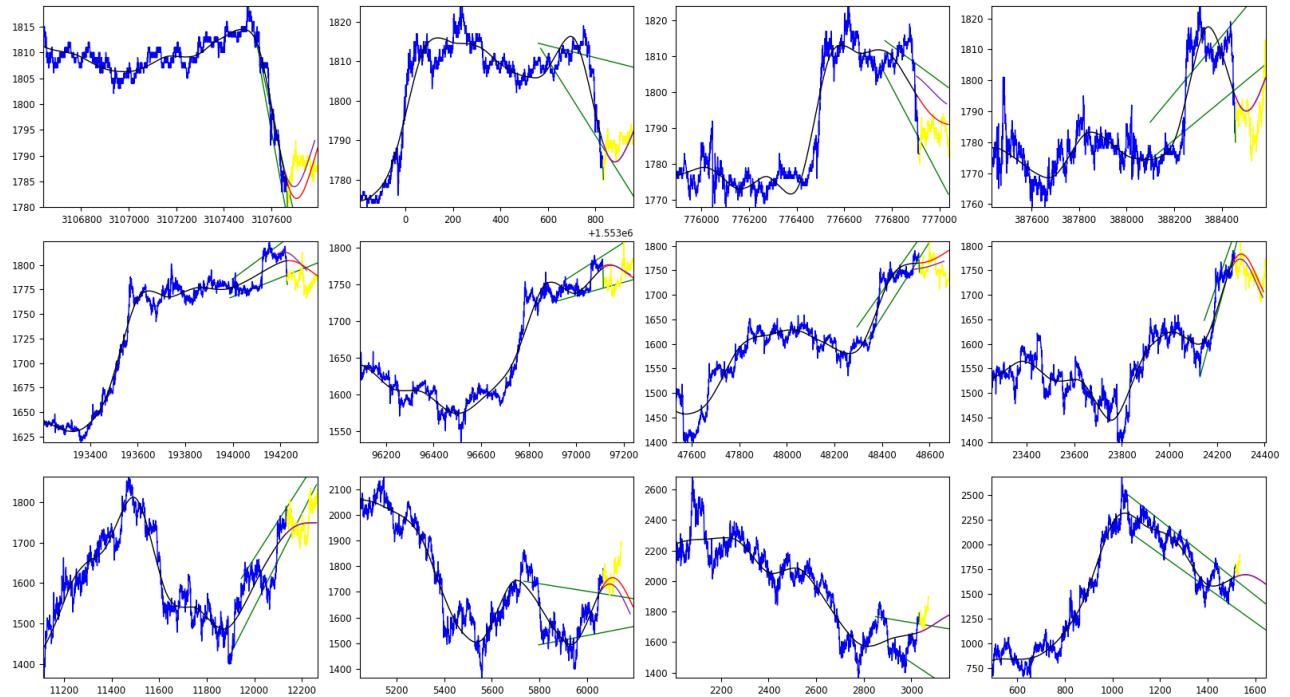
2.18 SR 3107667 3107750

3107667: ptype: 7[0,1] 3[2] 7[3] 3[4] 6[5] 2[6] 6[7] 2[8] 6[9] 2[10] 4[11]

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

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

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

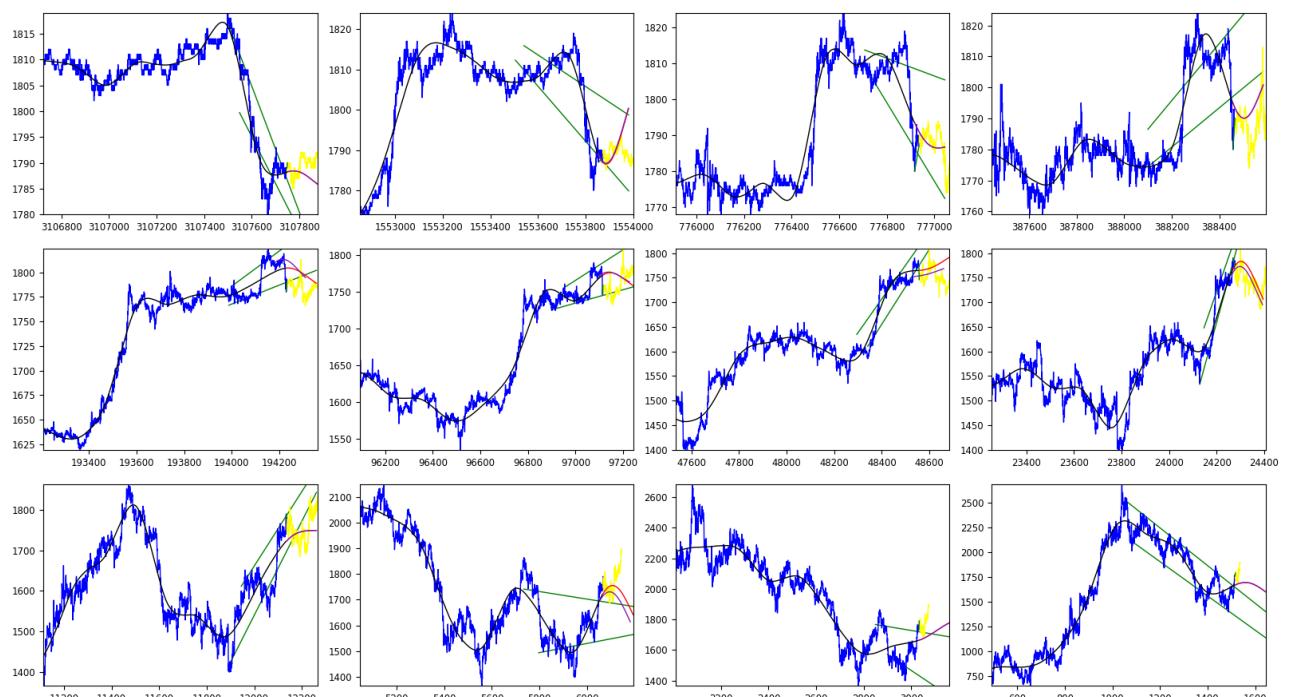


3107750: ptype: 4[0] 7[1] 5[2] 7[3] 3[4] 6[5] 2[6] 6[7] 2[8] 6[9] 2[10] 4[11]

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

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

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



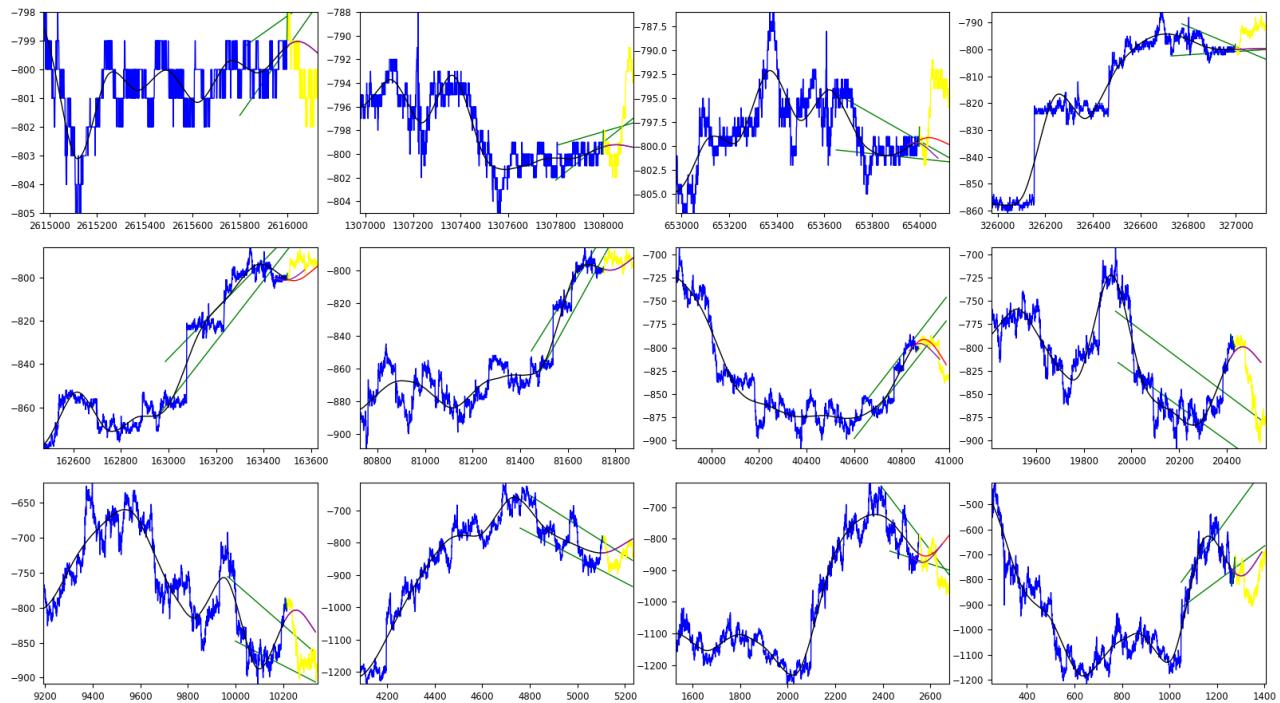
2.19 bu 2616000 2616078

2616000: ptype: 6[0] 4[1,2] 1[3] 5[4,5] 6[6,7,8] 2[9] 7[10,11]

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

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

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

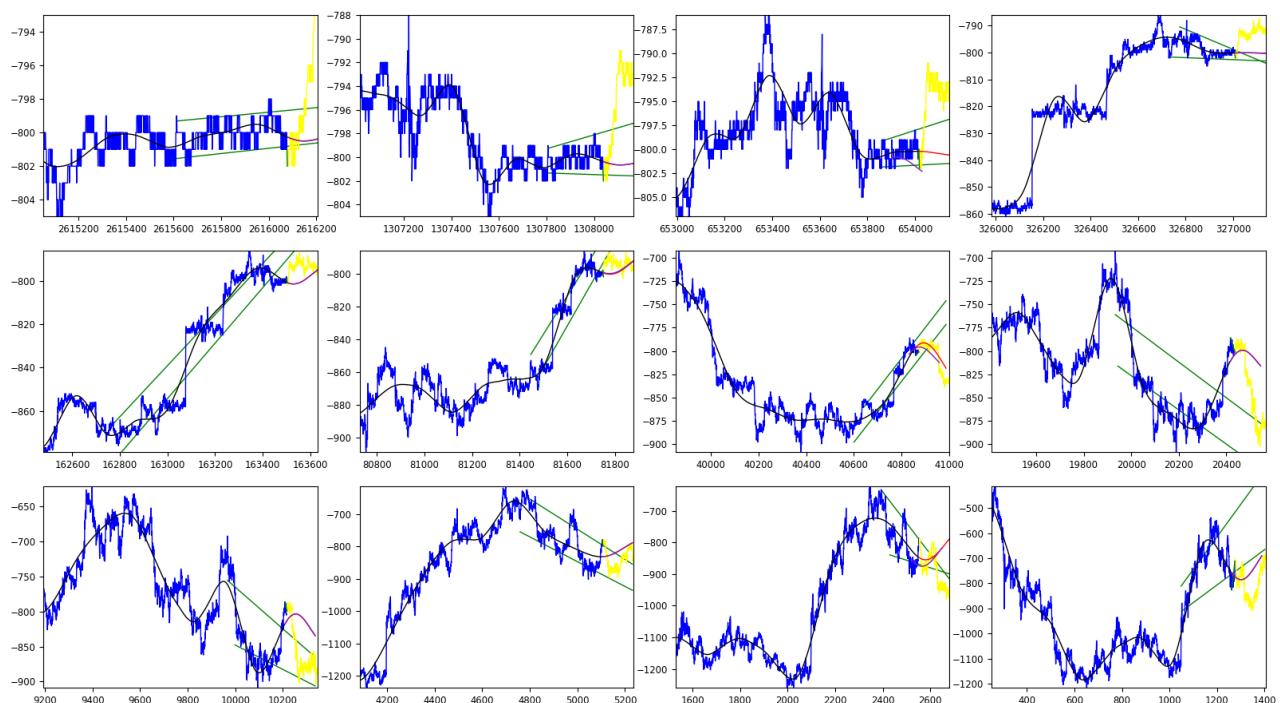


2616078: ptype: 5[0,1] 3[2] 1[3] 5[4,5] 6[6,7,8] 2[9] 7[10,11]

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

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

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



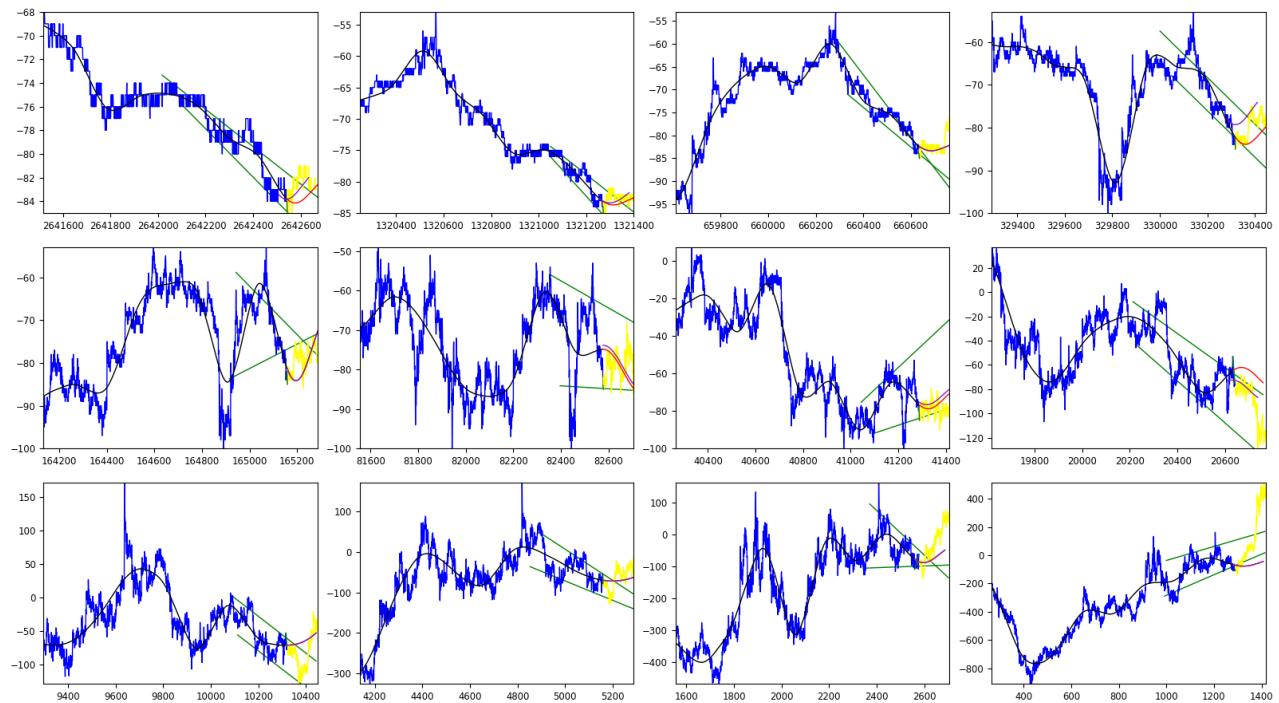
2.20 al 2642544 2642591

2642544: ptype: 7[0] 5[1,2] 7[3,4] 3[5] 7[6] 6[7] 2[8] 5[9] 7[10] 5[11]

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

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

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



2642591: ptype: 4[0] 5[1,2] 7[3,4] 3[5] 7[6] 6[7] 2[8] 5[9] 7[10] 5[11]

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

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

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

