

Analysis For Eureka

v3-3 part 2

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1 100 cases - part 2

Table 1: The One Hundred Cases to 20171108

No	Inst	Cline	Reached	Reverse	Dir	Why
	ni	-1	2936865	2936930		
	ni	-1	2713703	2713780		
	OI	1	2978554	2978650		
	ni	-1	2898539	2898600		
	v9	-1	2660613	2660700		
	m9	-1	2411820	2411927		
	zn	-1	2963353	2963492		
	SR	1	2428336	2428513		
	jm	-1	2991149	2991290		
	RM	-1	3144617	3144716		
	ag	-1	2477954	2478050		
	a9	1	2330225	2330350		
	TA	1	2873751	2873904		
	l9	1	2961595	2961653		
	OI	1	2299812	2299950		
	au	-1	2580352	2580530		
	OI	-1	3051461	3051494		
	CF	1	2392244	2392350		
	FG	-1	2653461	2653638		
	ag	-1	2863308	2863398		

2 Detail - part 2

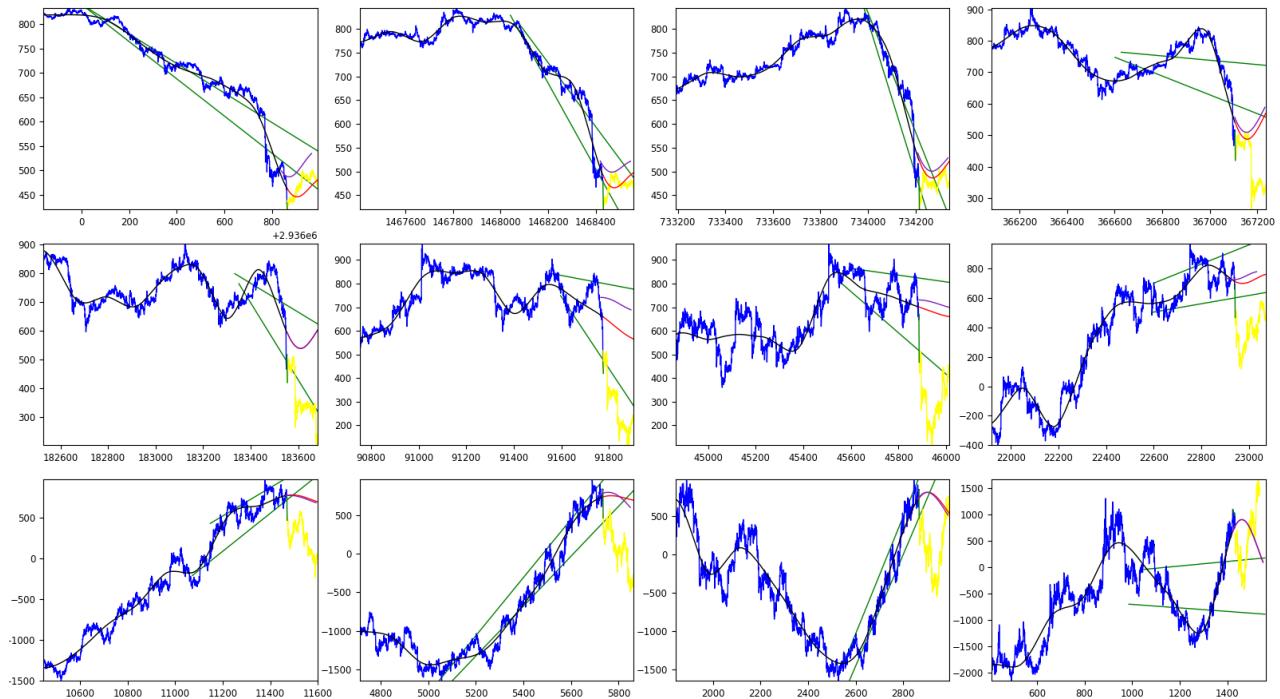
2.1 ni 2936865 2936930

2936865: ptype: 7[0,1,2,3,4] 3[5,6] 5[7] 4[8,9] 6[10,11]

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

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

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

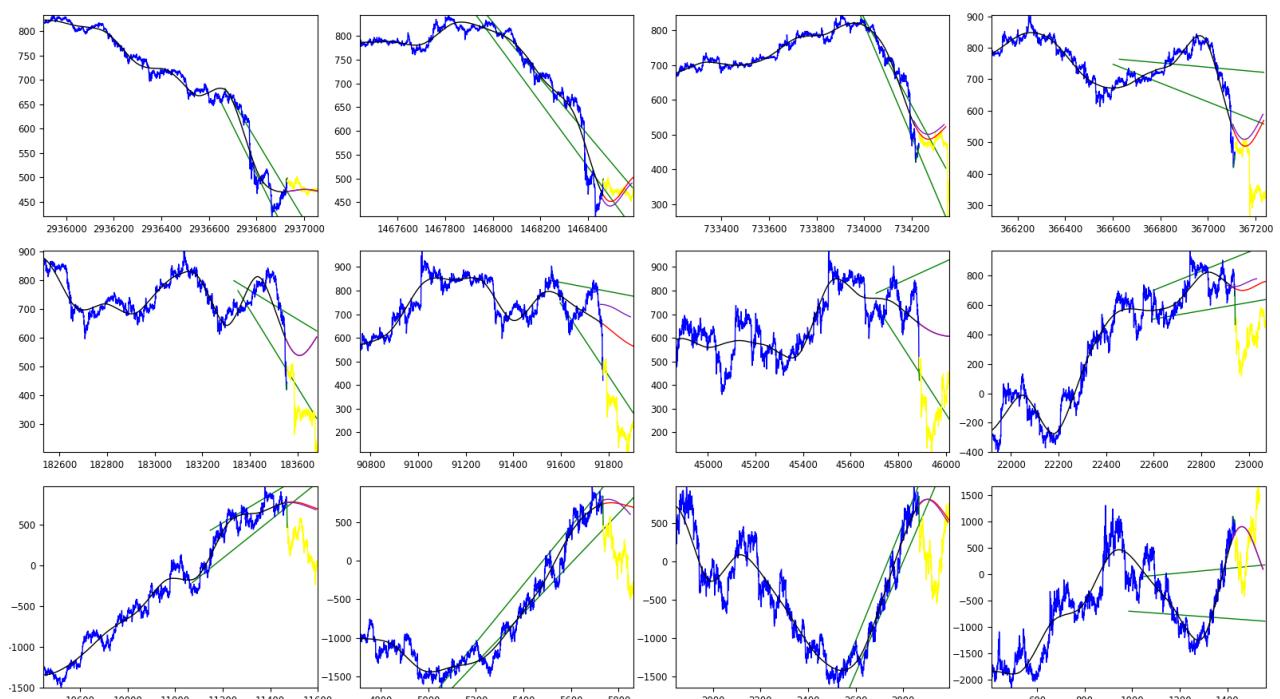


2936930: ptype: 4[0] 7[1,2,3,4] 3[5,6] 5[7] 4[8,9] 6[10,11]

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

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

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



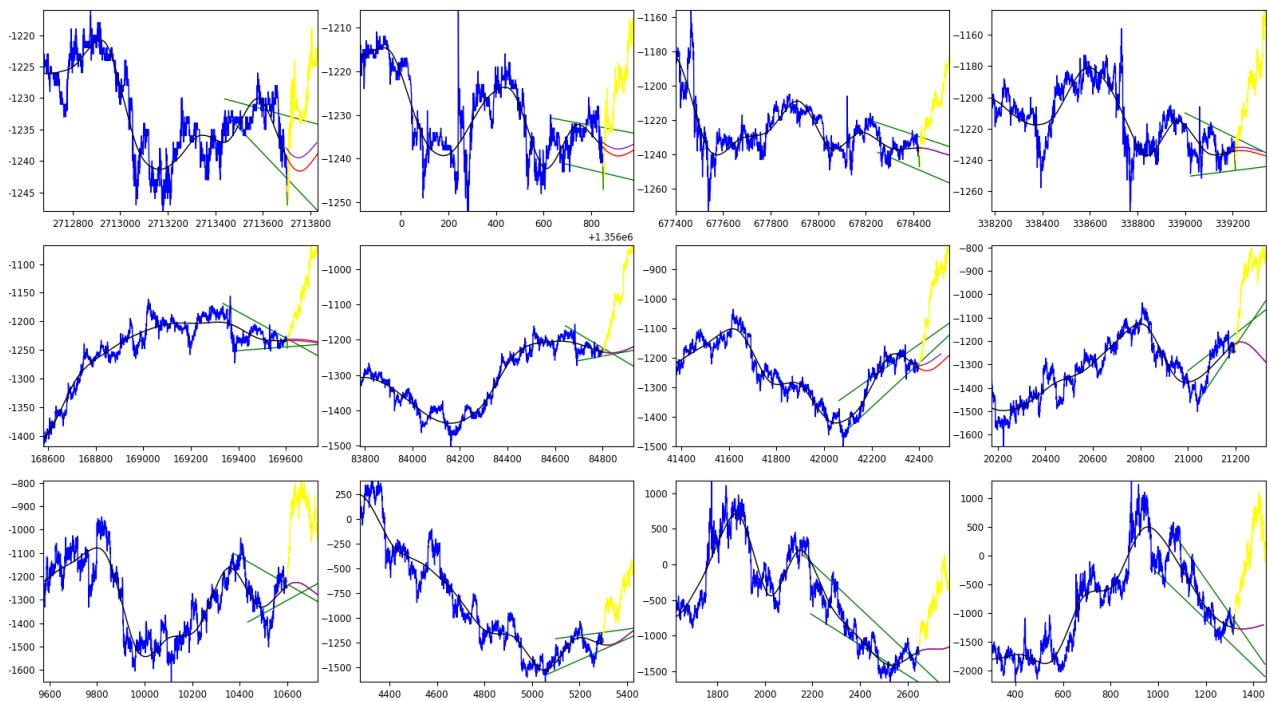
2.2 ni 2713703 2713780

2713703: ptype: 7[0] 5[1] 3[2] 4[3] 3[4] 5[5] 7[6] 6[7,8] 5[9] 2[10] 5[11]

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

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

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

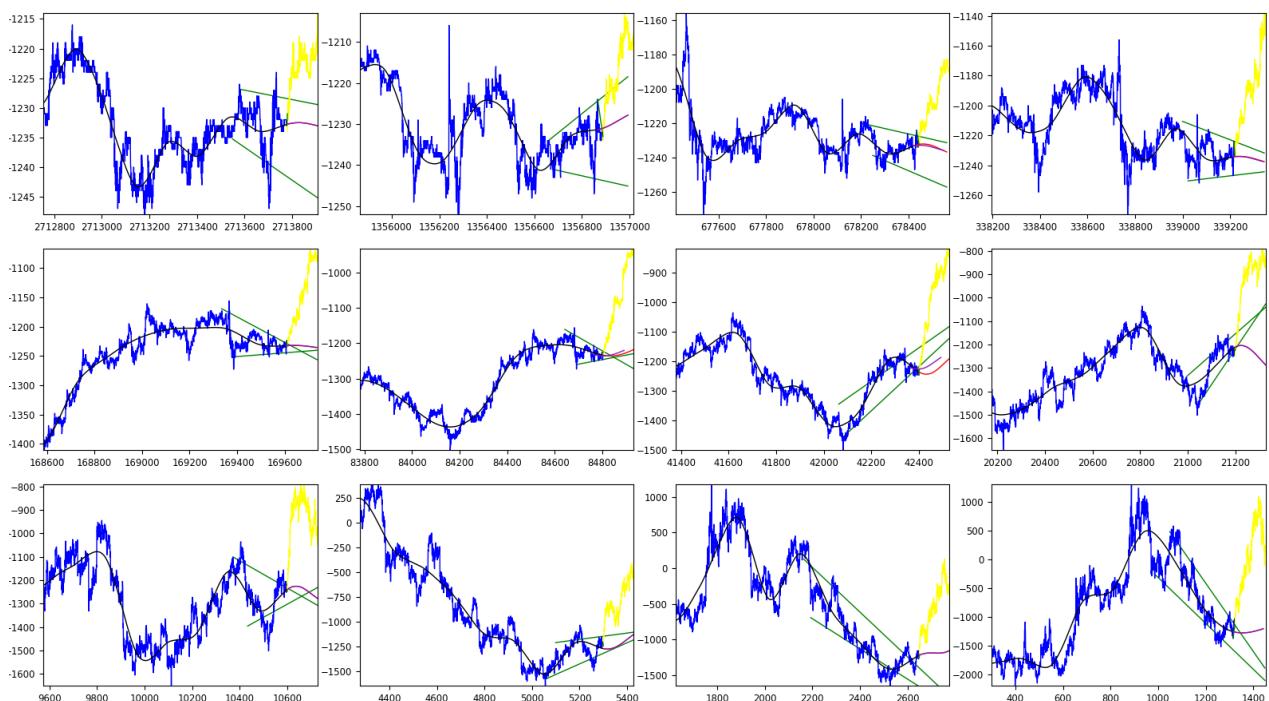


2713780: ptype: 4[0] 2[1] 4[2,3] 3[4] 5[5] 7[6] 6[7,8] 5[9] 2[10] 5[11]

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

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

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



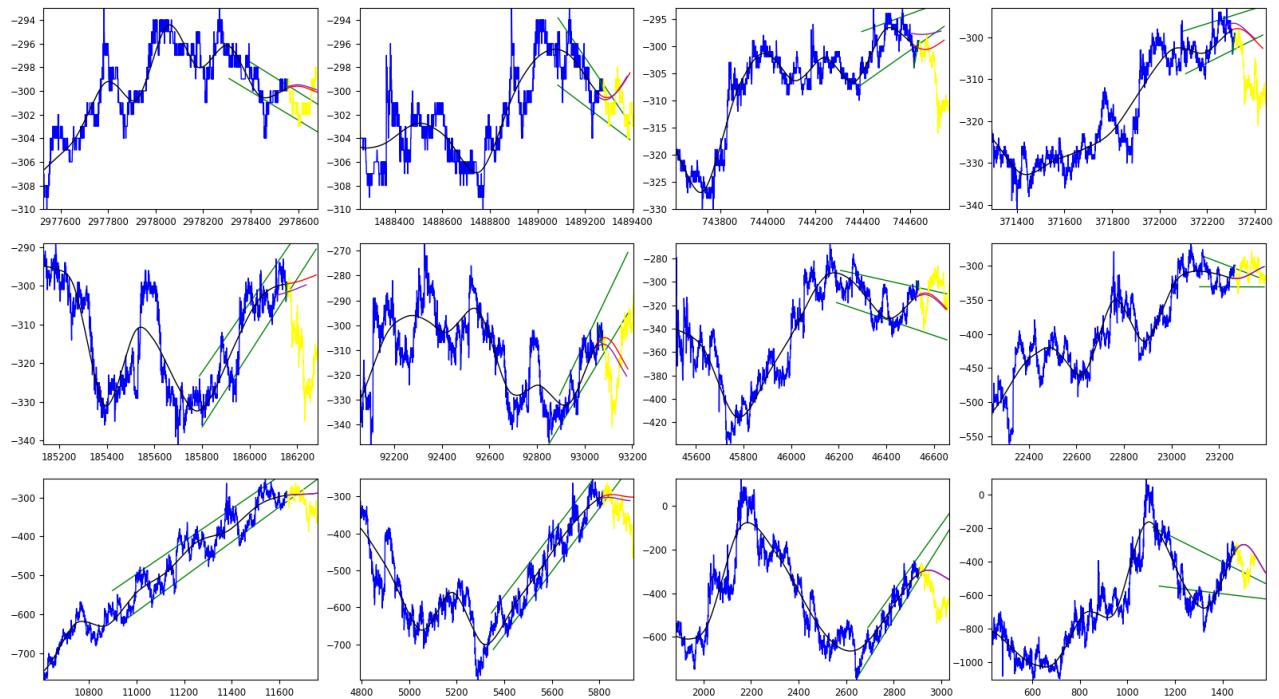
2.3 OI 2978554 2978650

2978554: ptype: 4[0] 7[1,2] 4[3] 2[4] 6[5,6] 2[7,8] 4[9] 6[10,11]

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

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

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

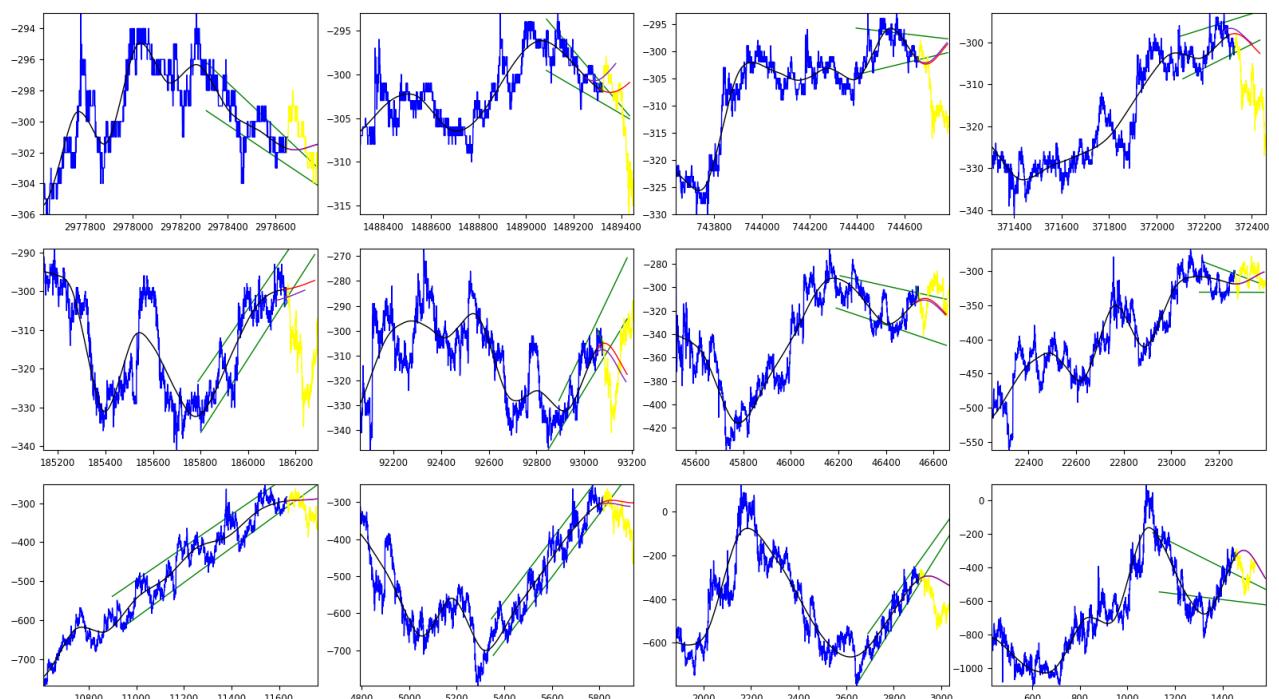


2978650: ptype: 5[0] 7[1,2] 4[3] 2[4] 6[5,6] 2[7,8] 4[9] 6[10,11]

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

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

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



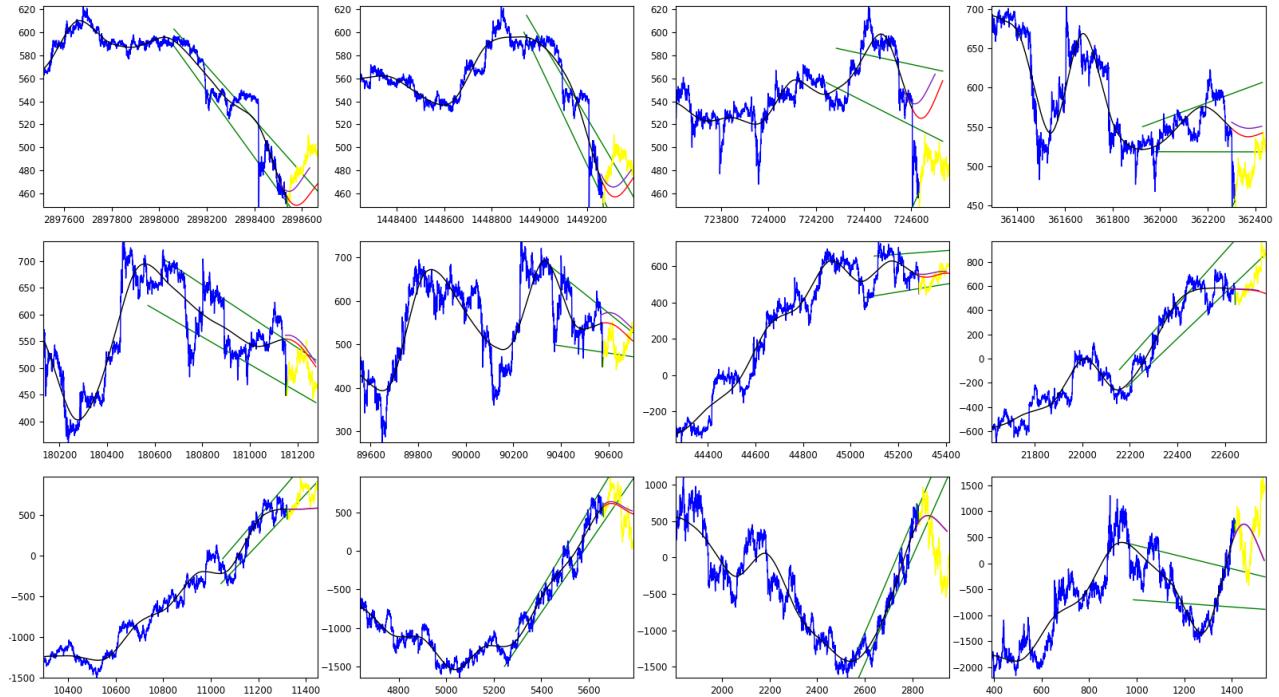
2.4 ni 2898539 2898600

2898539: ptype: 7[0,1,2] 5[3] 3[4,5] 1[6] 3[7] 2[8] 6[9,10,11]

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

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

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

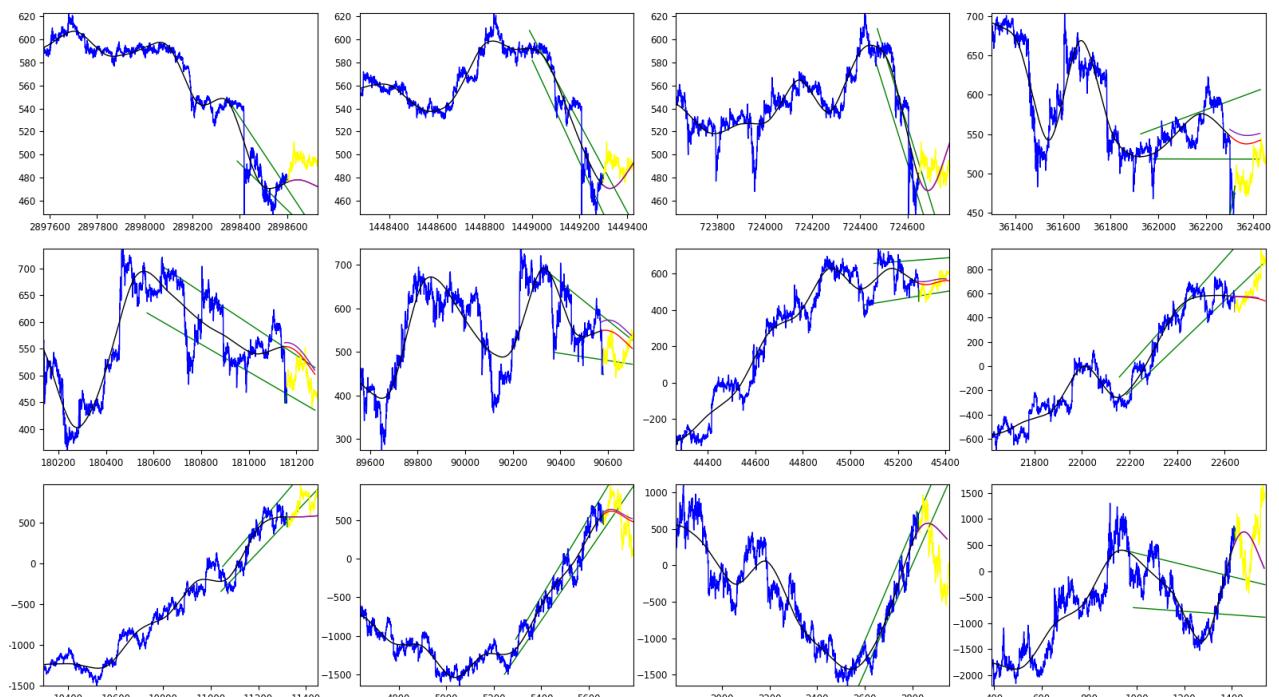


2898600: ptype: 4[0] 7[1,2] 5[3] 3[4,5] 1[6] 3[7] 2[8] 6[9,10,11]

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

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

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



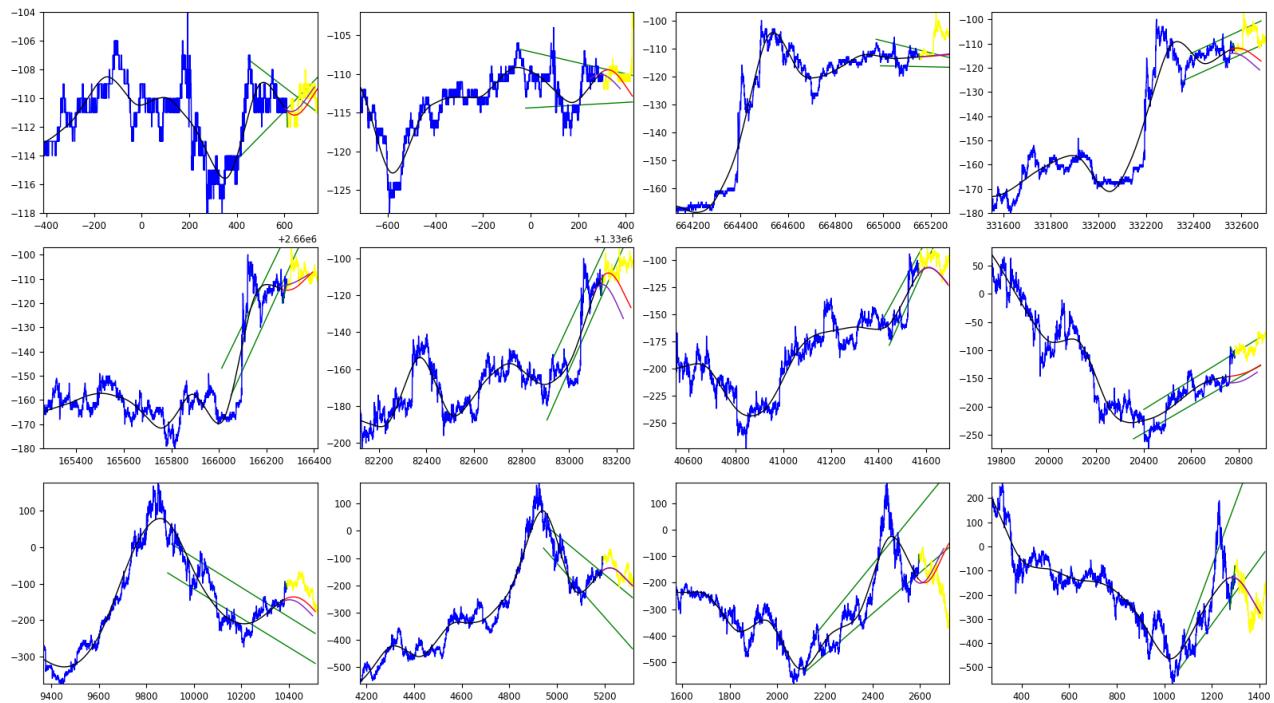
2.5 v9 2660613 2660700

2660613: ptype: 7[0] 6[1] 2[2] 4[3] 5[4] 6[5,6] 2[7] 4[8] 6[9] 7[10] 3[11]

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

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

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

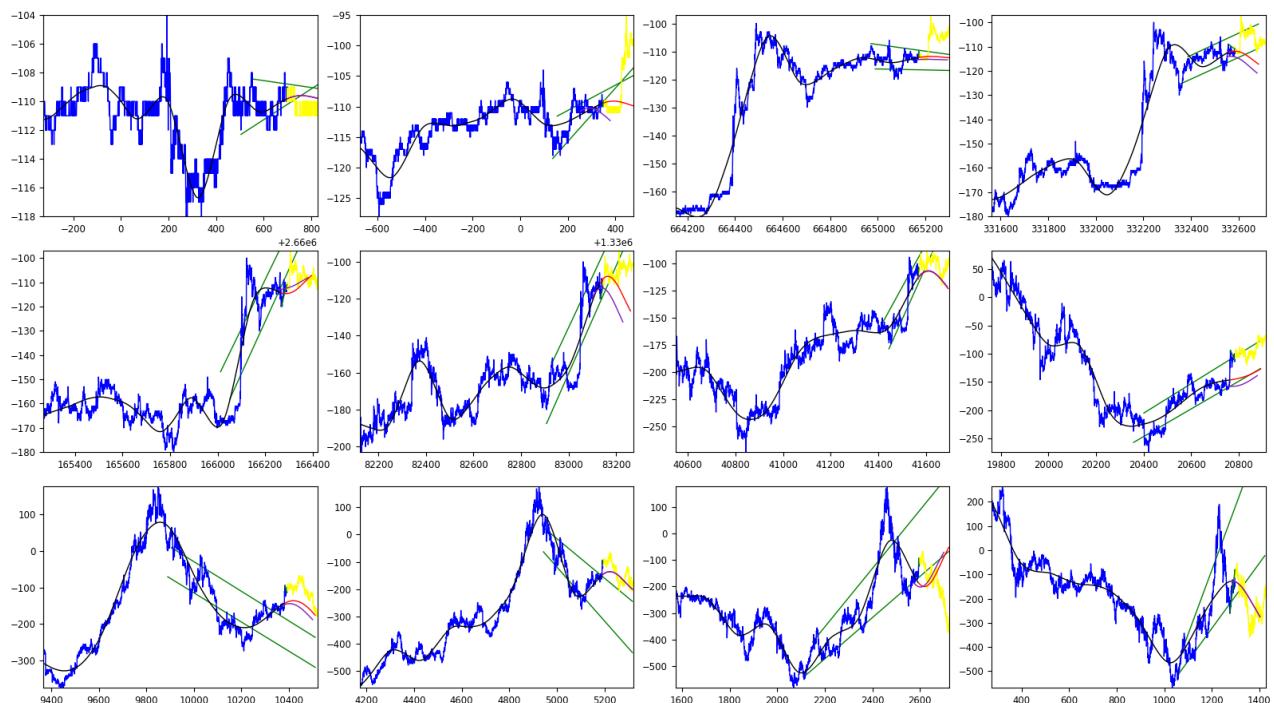


2660700: ptype: 4[0,1,2,3] 5[4] 6[5,6] 2[7] 4[8] 6[9] 7[10] 3[11]

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

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

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



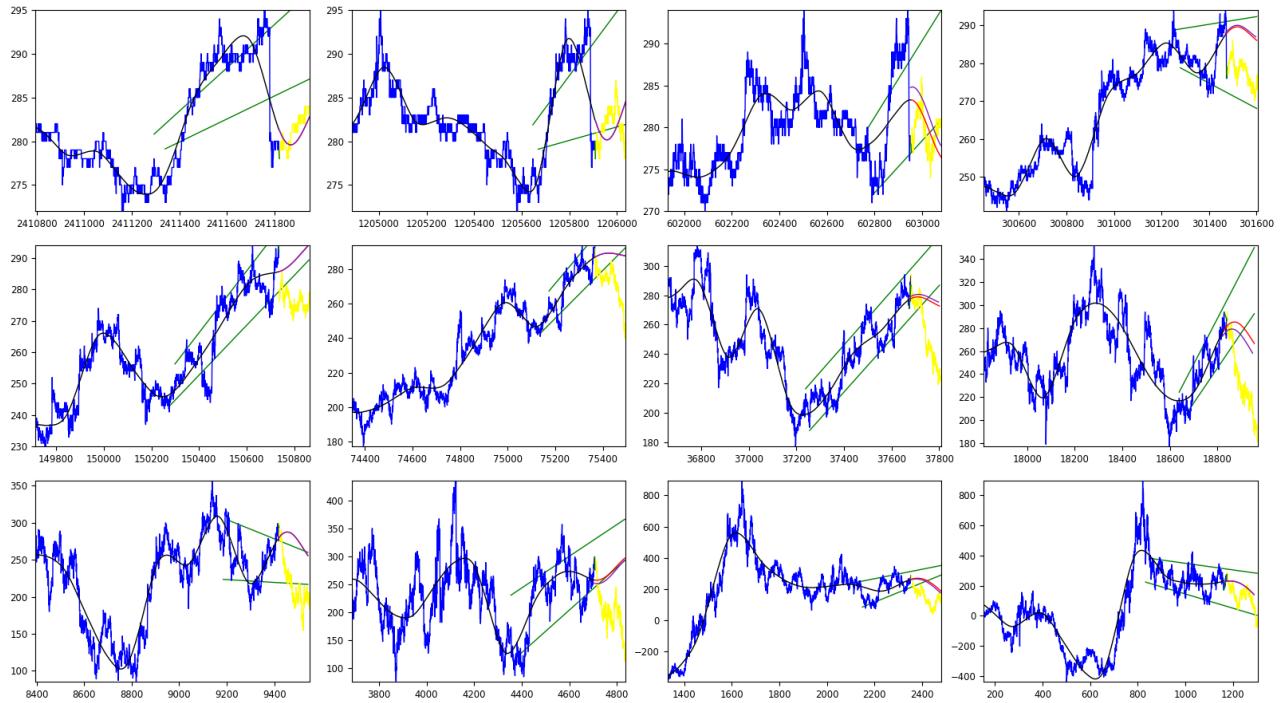
2.6 m9 2411820 2411927

2411820: ptype: 7[0,1] 3[2] 6[3] 2[4] 4[5,6] 6[7,8] 2[9] 4[10,11]

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

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

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

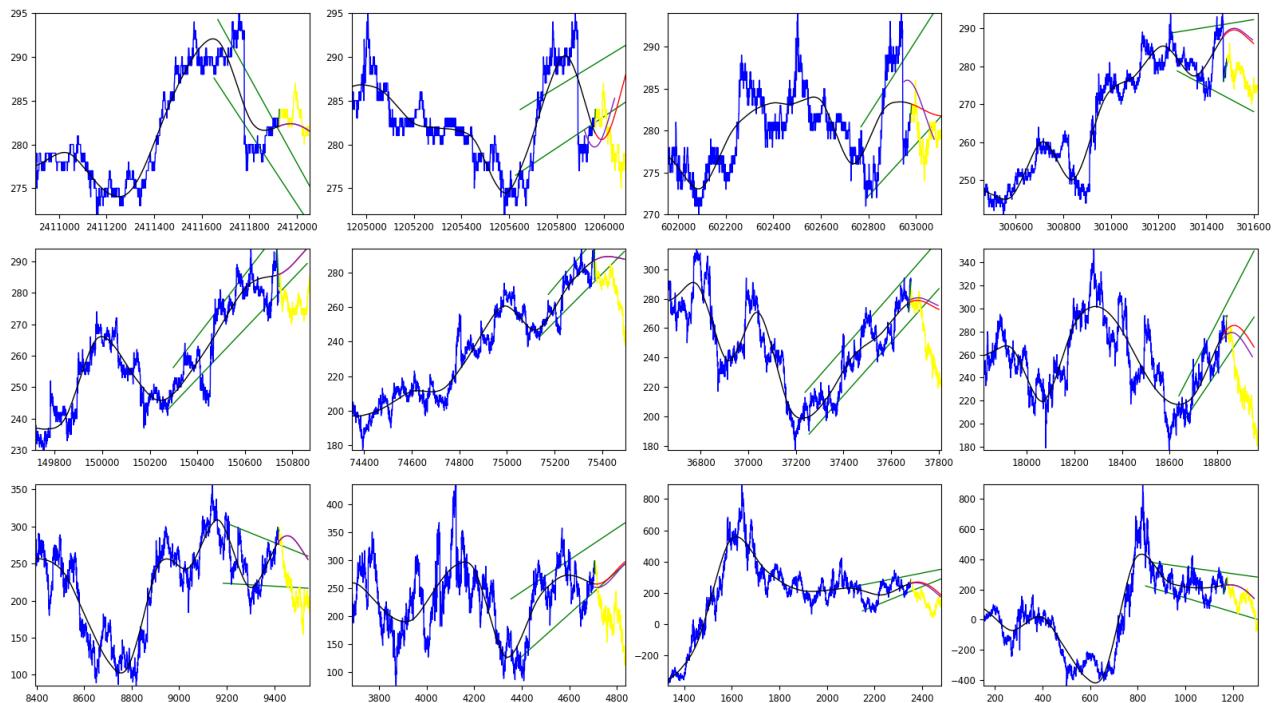


2411927: ptype: 4[0] 7[1] 3[2] 6[3] 2[4] 4[5,6] 6[7,8] 2[9] 4[10,11]

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

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

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



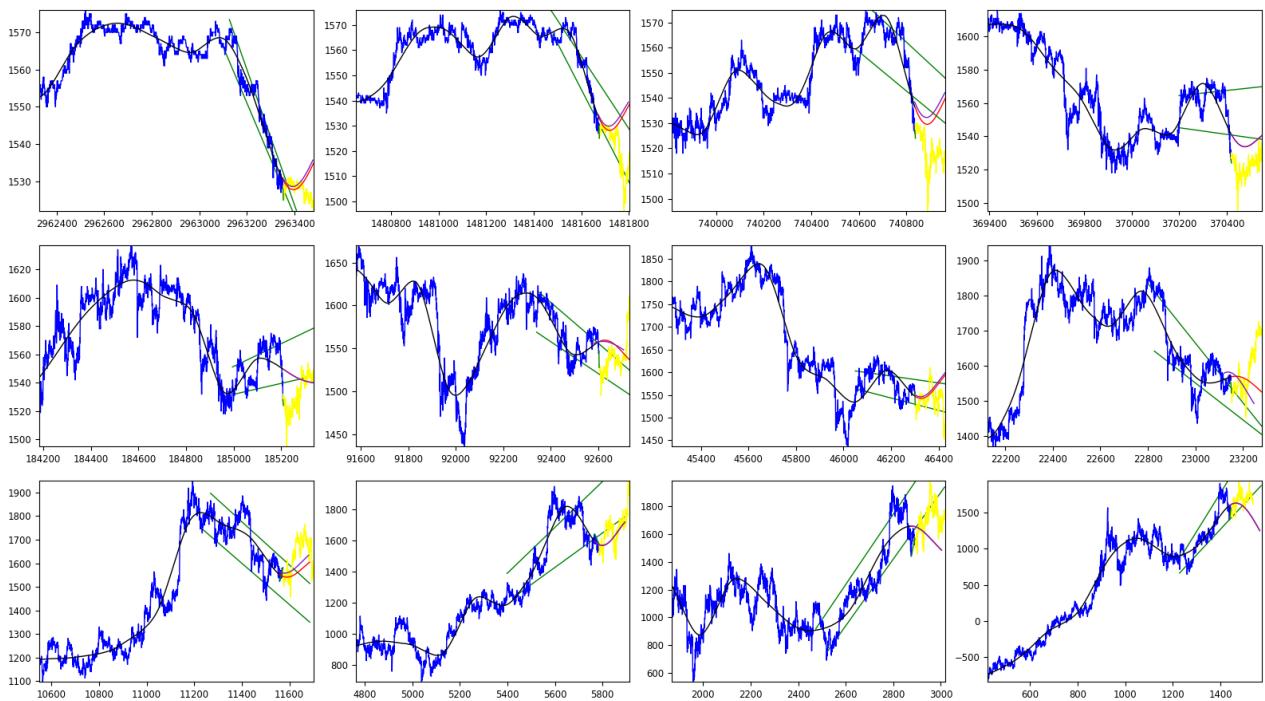
2.7 zn 2963353 2963492

2963353: ptype: 7[0,1,2,3] 3[4] 4[5] 7[6] 4[7] 7[8,9] 3[10] 6[11]

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

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

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

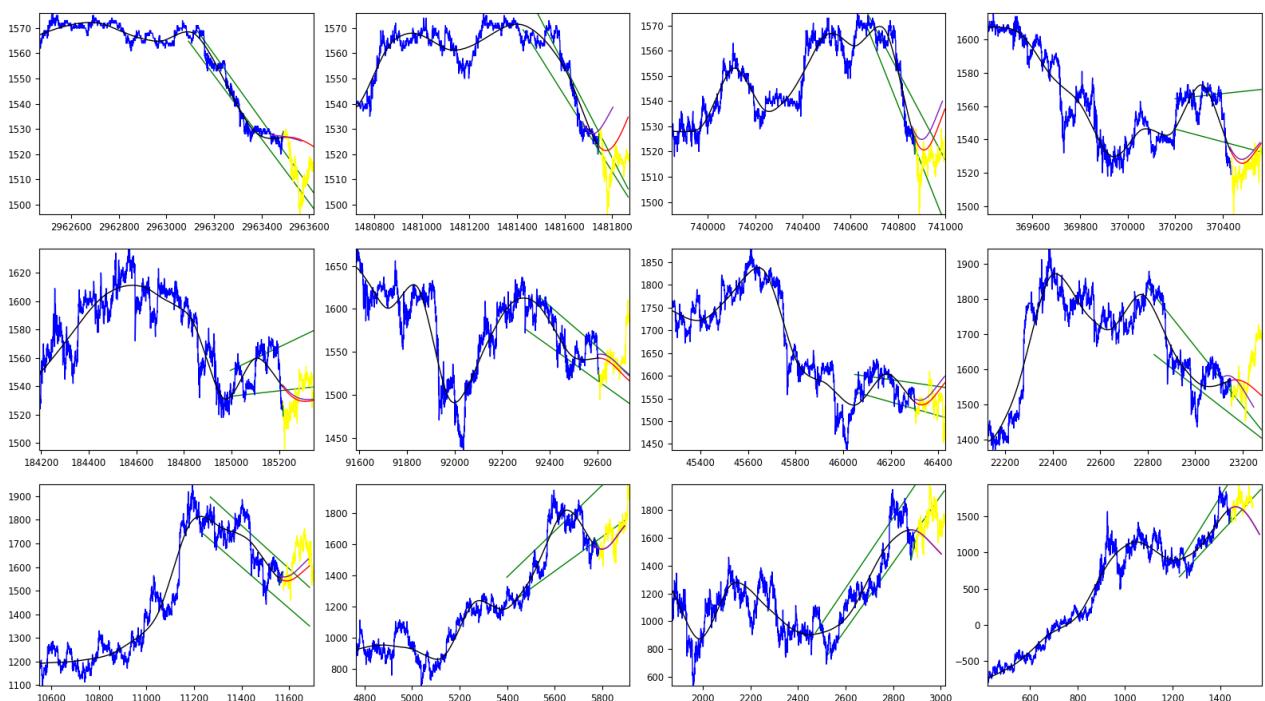


2963492: ptype: 4[0] 7[1,2,3] 5[4] 3[5] 7[6] 4[7] 7[8,9] 3[10] 6[11]

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

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

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



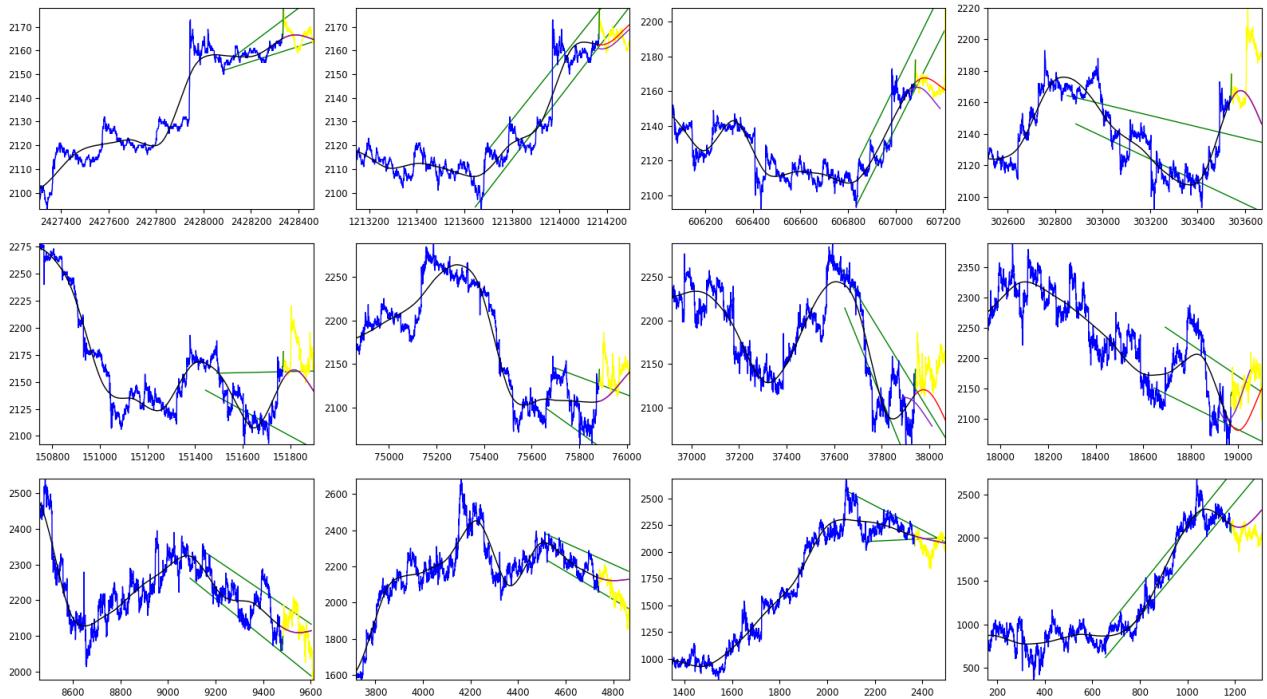
2.8 SR 2428336 2428513

2428336: ptype: 4[0] 2[1] 6[2,3,4] 2[5] 6[6] 7[7] 5[8,9] 3[10] 7[11]

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

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

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

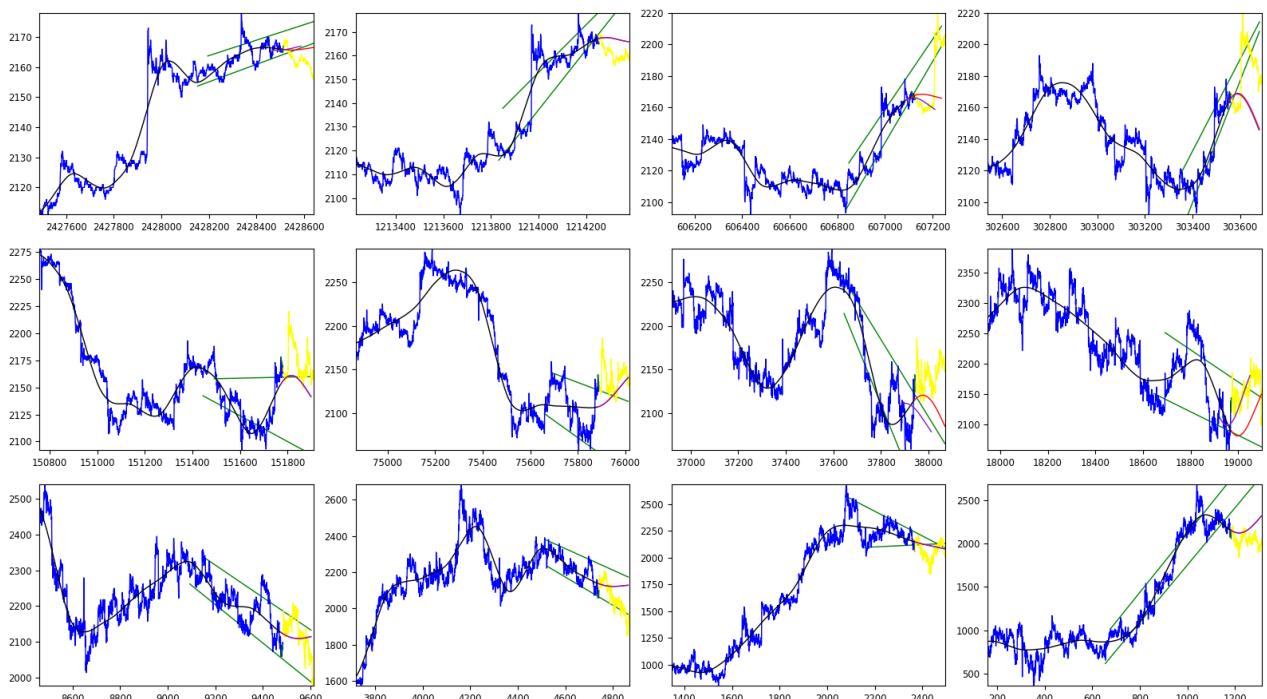


2428513: ptype: 5[0] 4[1,2] 6[3,4] 2[5] 6[6] 7[7] 5[8,9] 3[10] 7[11]

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

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

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



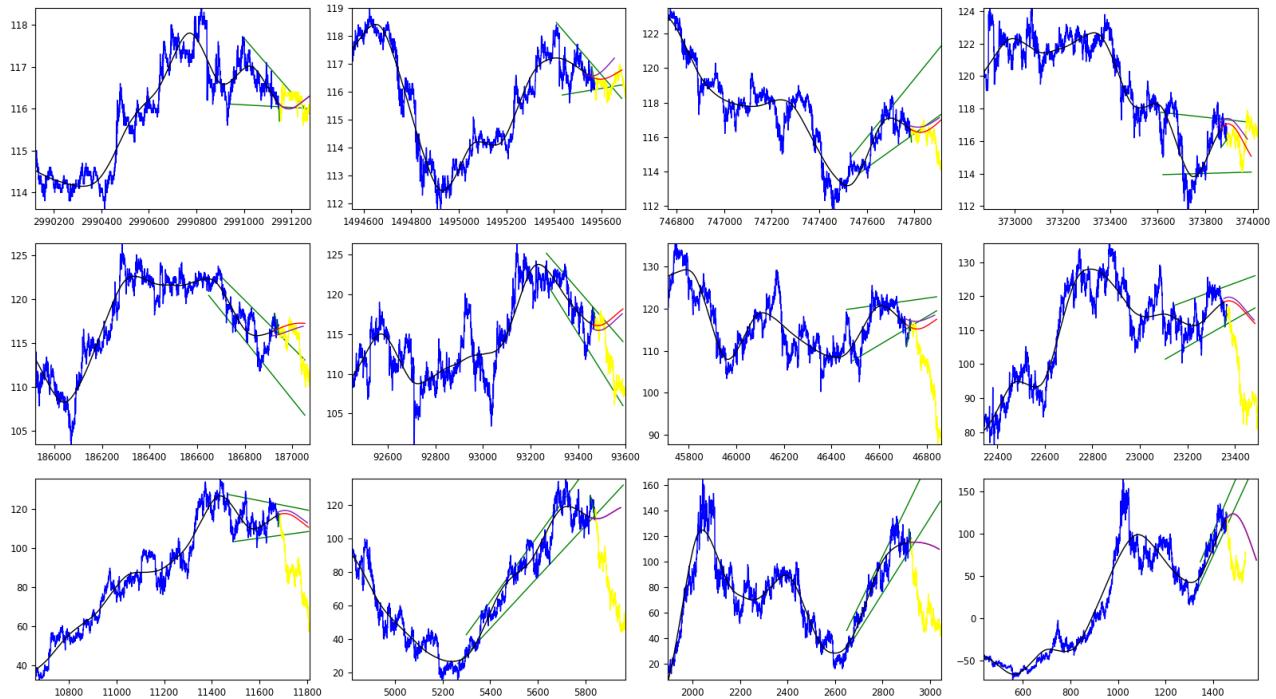
2.9 jm 2991149 2991290

2991149: ptype: 7[0] 5[1,2] 6[3] 2[4] 5[5] 7[6] 4[7,8] 5[9] 3[10] 6[11]

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

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

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

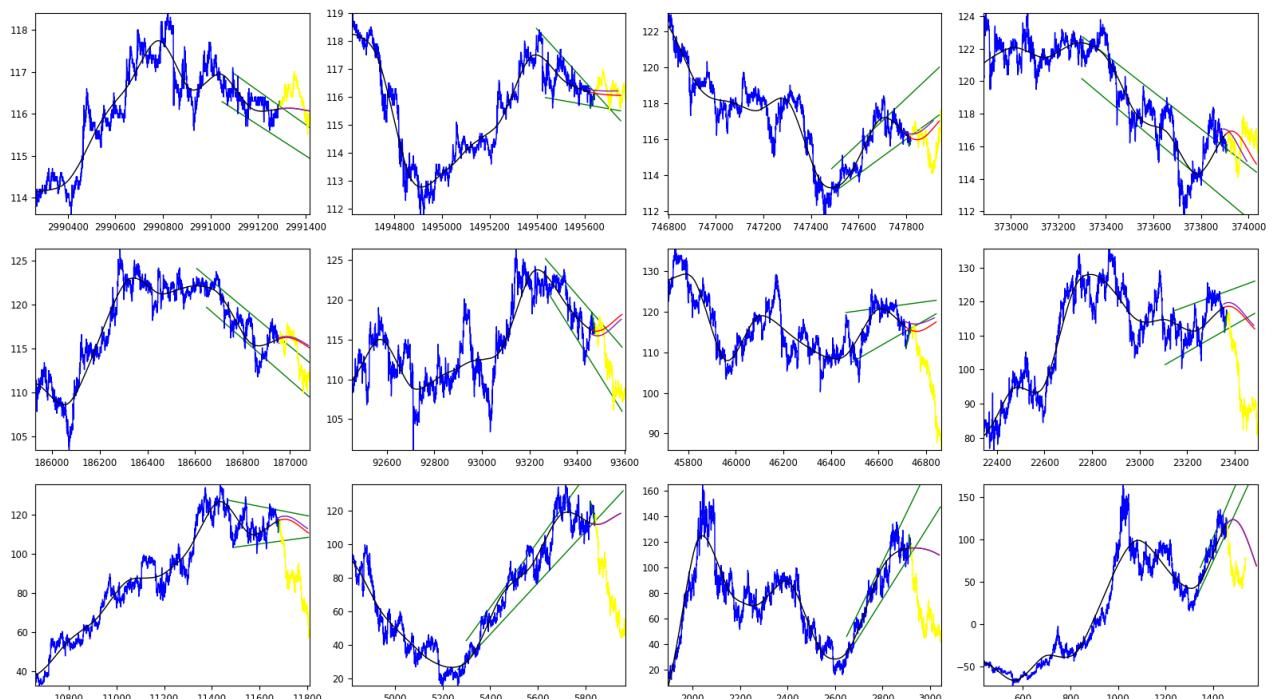


2991290: ptype: 4[0] 3[1] 7[2] 6[3] 4[4] 5[5] 7[6] 4[7,8] 5[9] 3[10] 6[11]

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

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

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



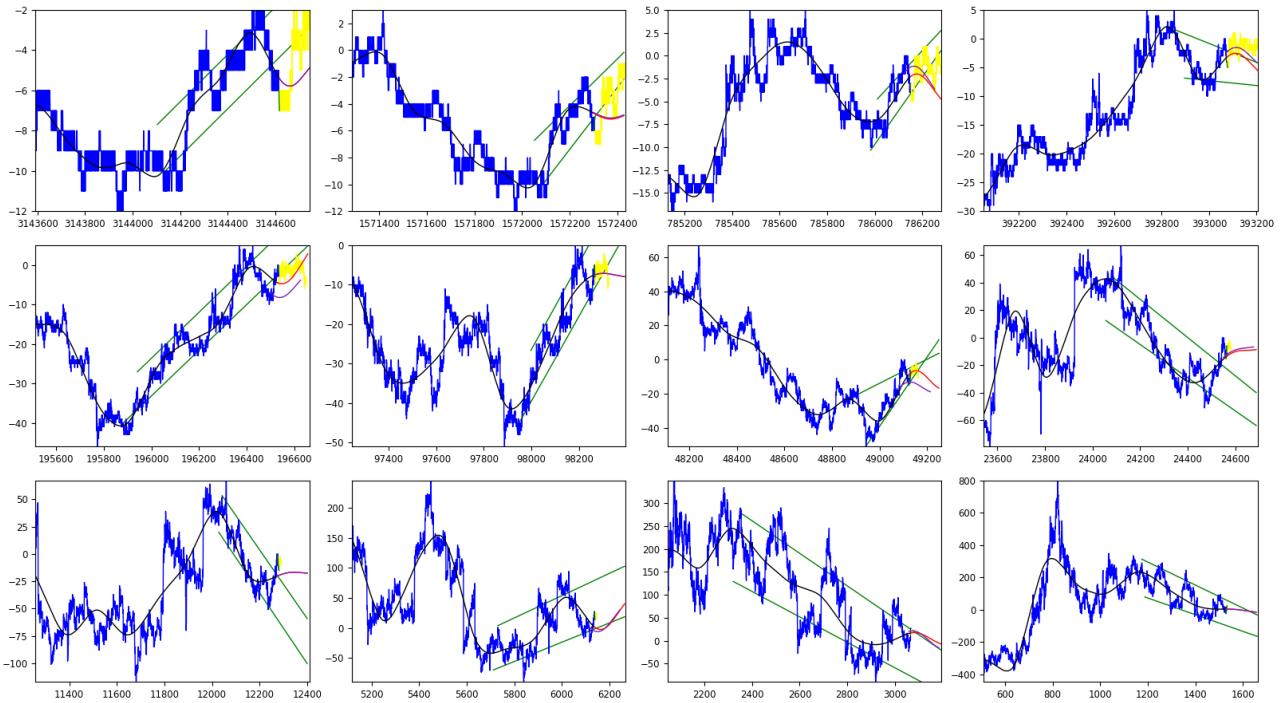
2.10 RM 3144617 3144716

3144617: ptype: 7[0] 5[1] 6[2,3] 5[4] 4[5] 6[6] 2[7] 4[8] 7[9] 3[10,11]

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

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

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

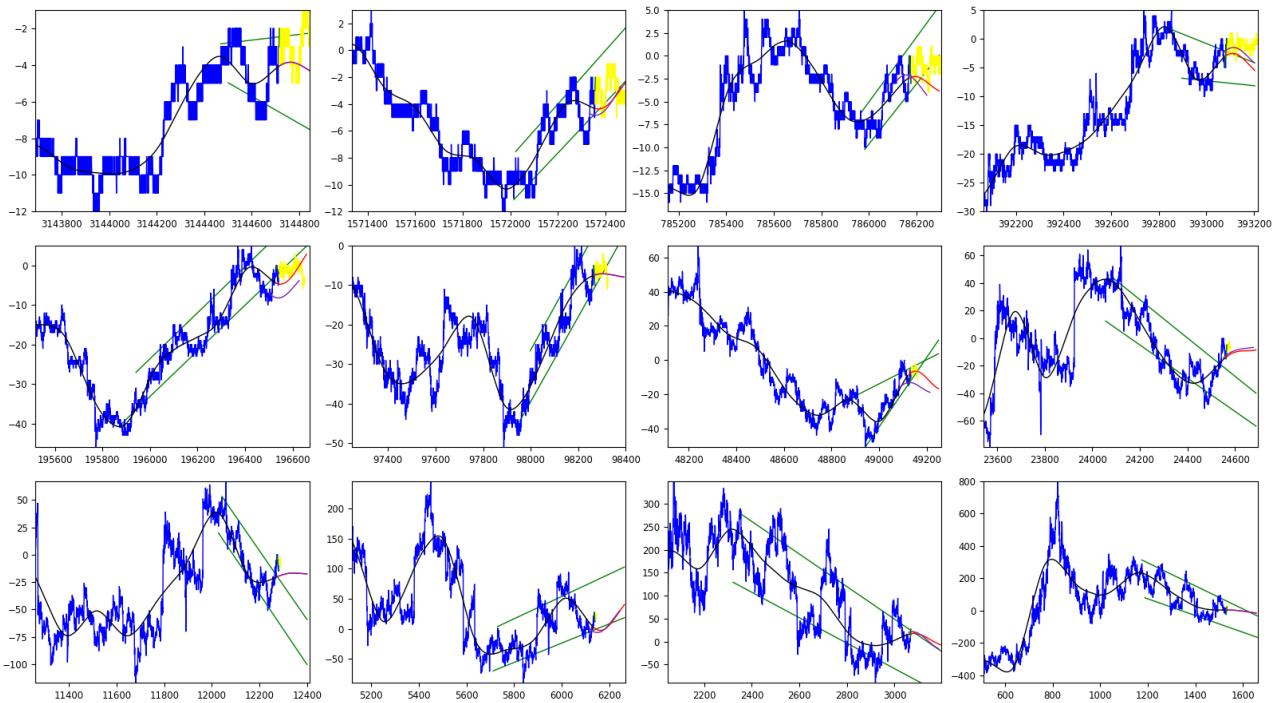


3144716: ptype: 6[0] 2[1] 4[2] 6[3] 5[4] 4[5] 6[6] 2[7] 4[8] 7[9] 3[10,11]

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

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

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



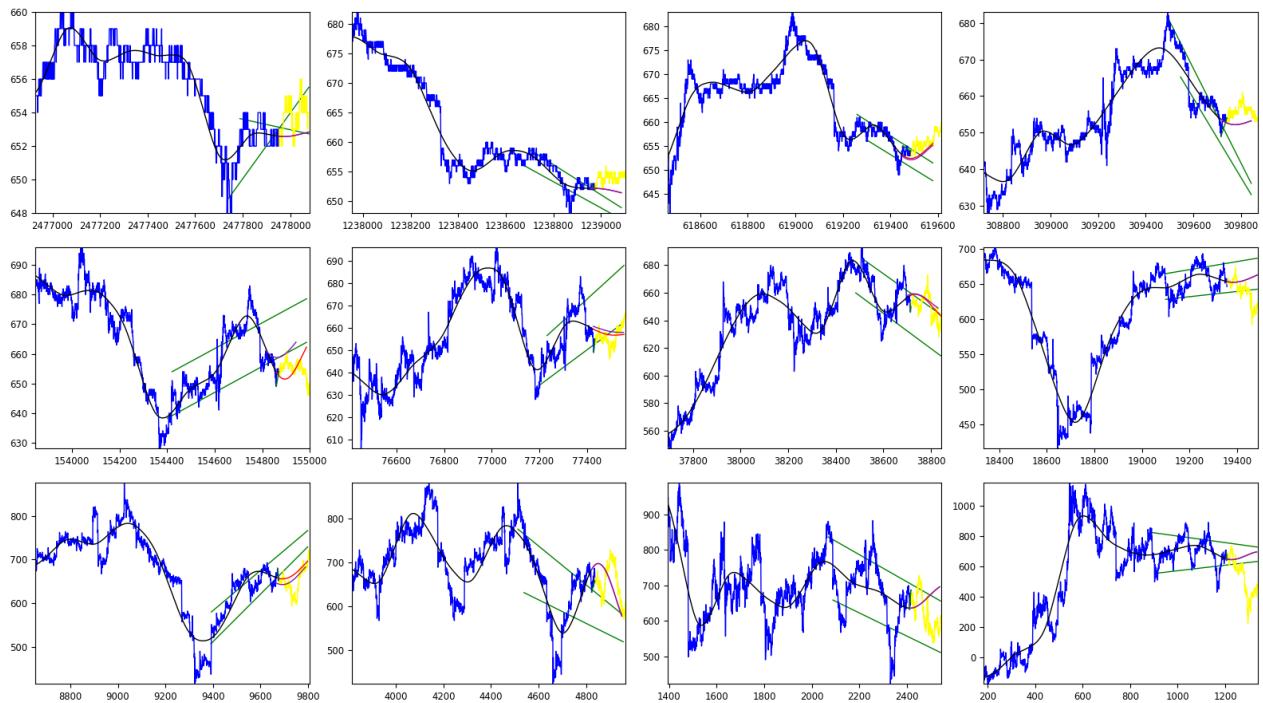
2.11 ag 2477954 2478050

2477954: ptype: 5[0] 3[1] 7[2] 5[3] 7[4] 5[5] 4[6] 5[7,8] 6[9] 2[10] 5[11]

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

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

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

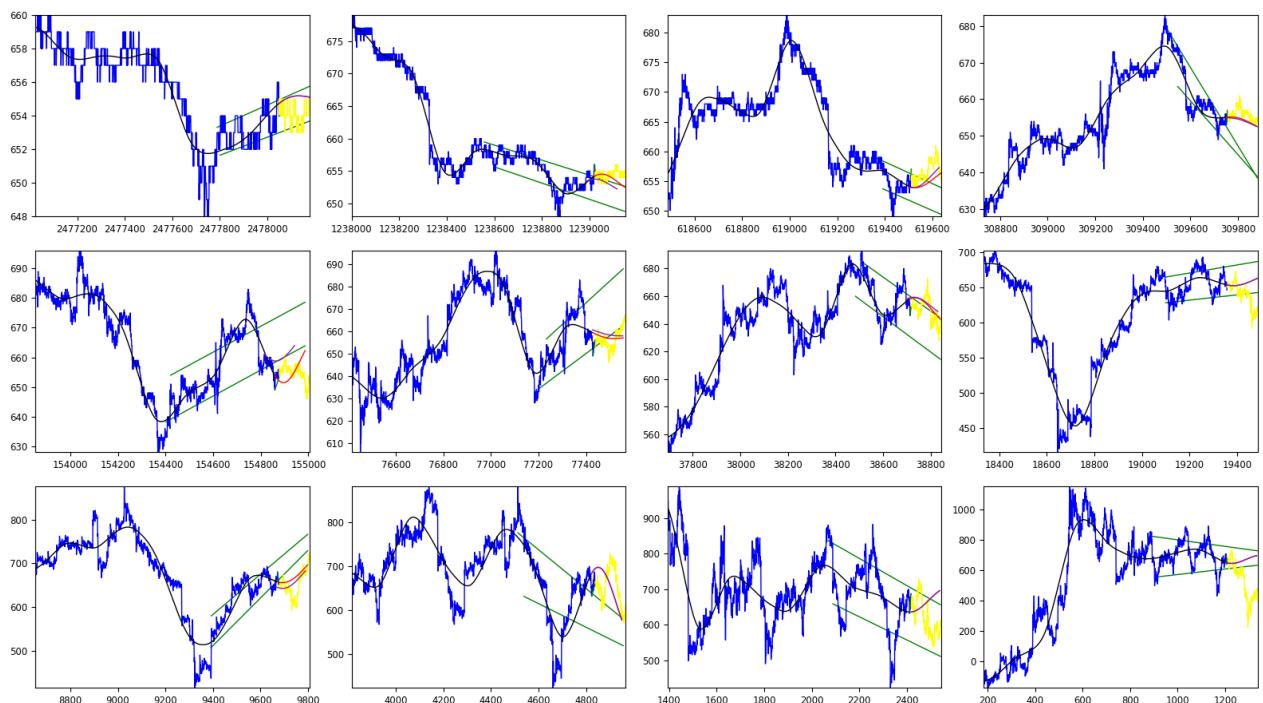


2478050: ptype: 4[0,1] 5[2] 3[3] 7[4] 5[5] 4[6] 5[7,8] 6[9] 2[10] 5[11]

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

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

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



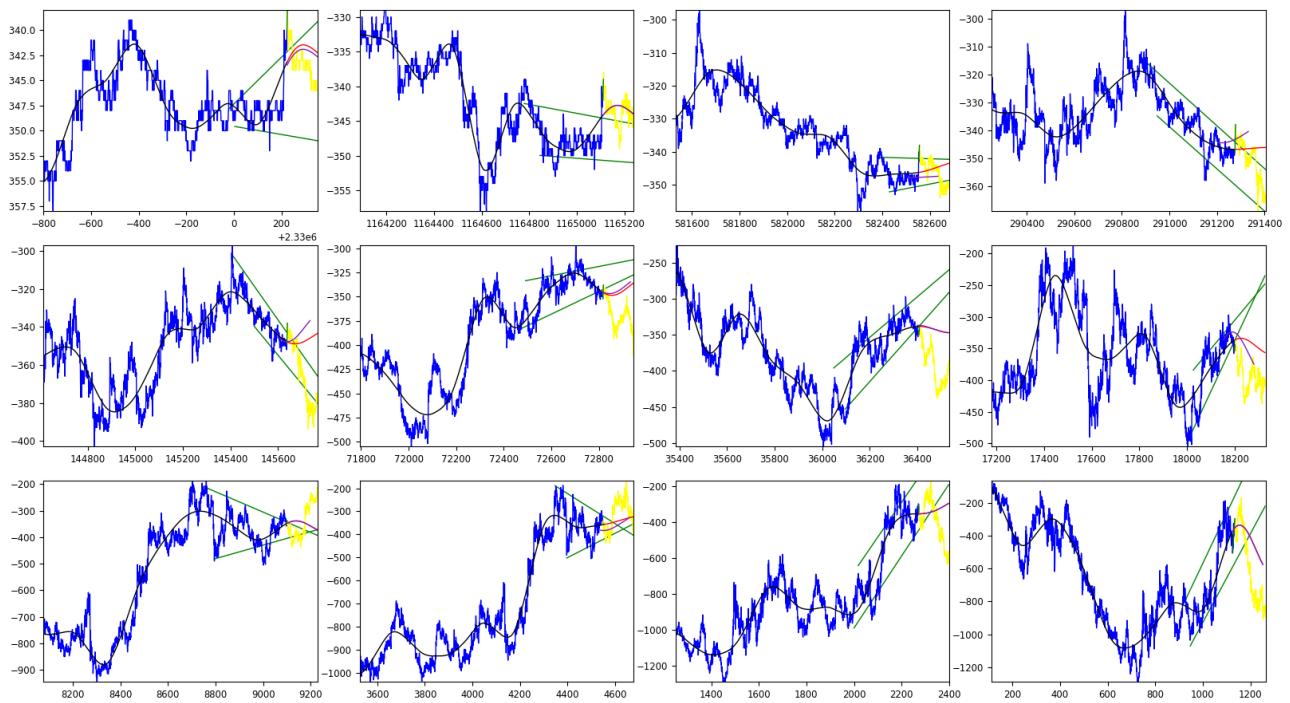
2.12 a9 2330225 2330350

2330225: ptype: 6[0,1] 2[2,3] 5[4] 7[5] 3[6] 4[7,8] 2[9,10] 6[11]

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

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

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

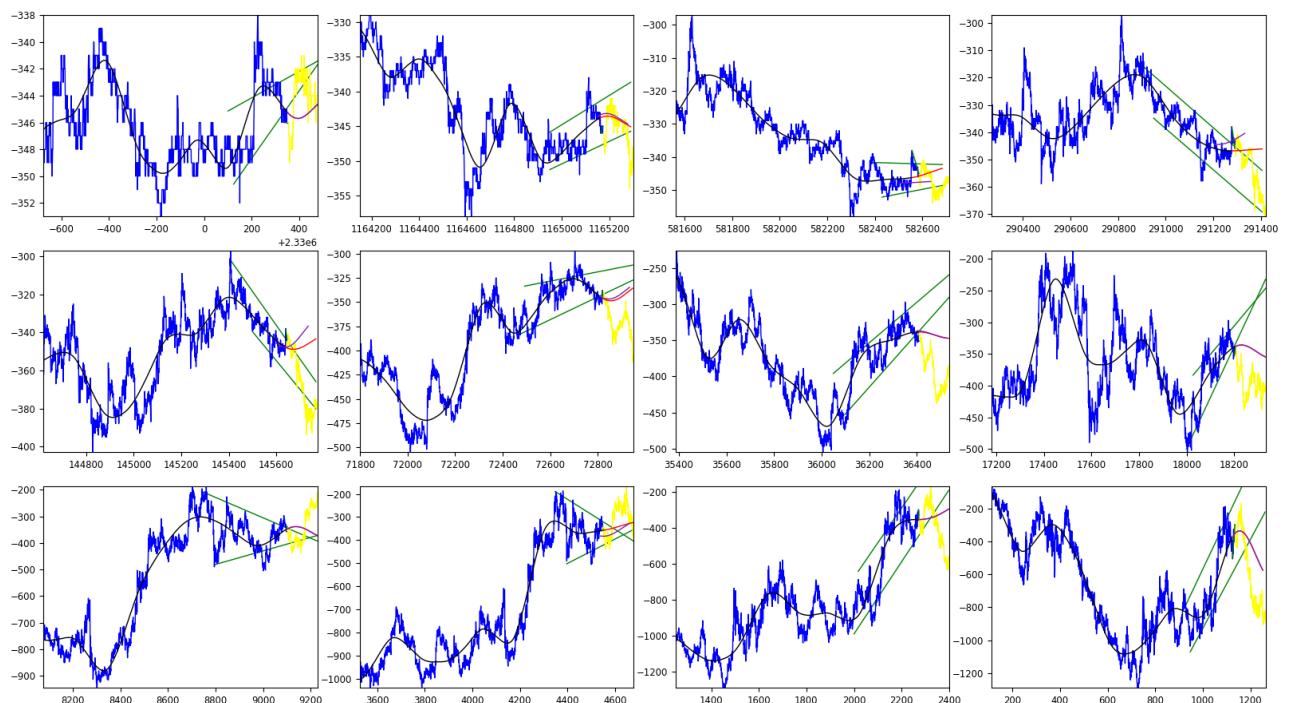


2330350: ptype: 7[0] 4[1] 2[2,3] 5[4] 7[5] 3[6] 4[7,8] 2[9,10] 6[11]

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

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

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



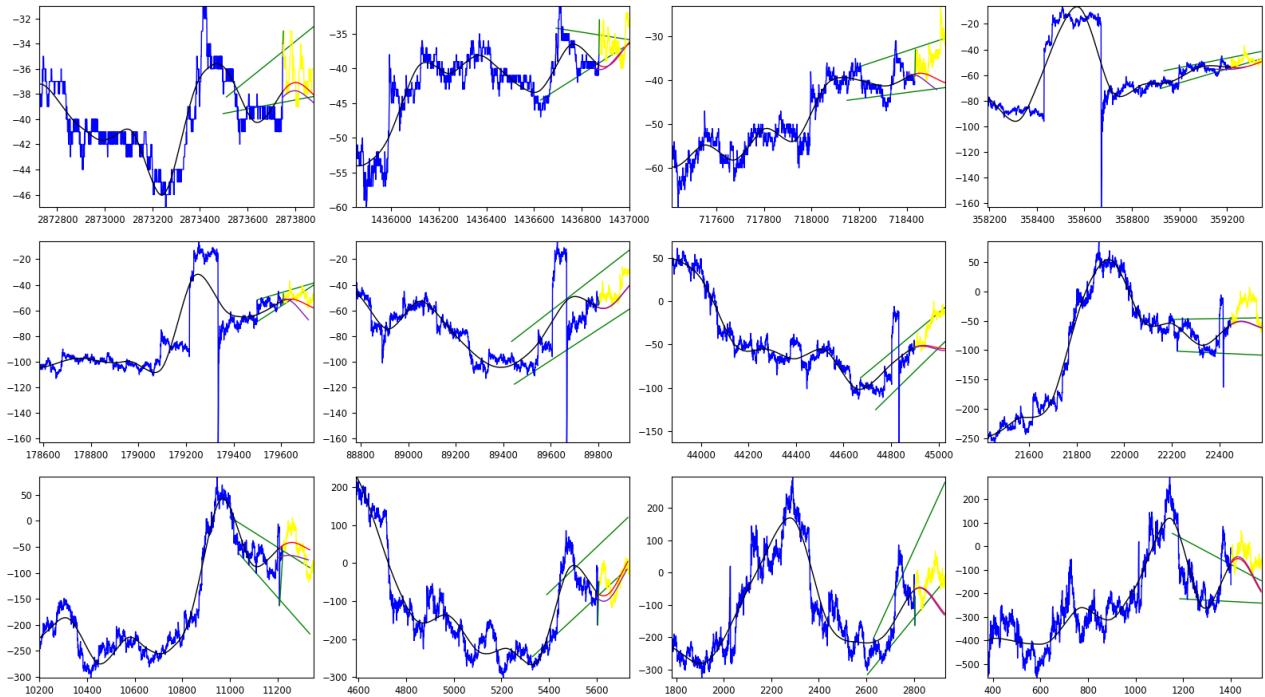
2.13 TA 2873751 2873904

2873751: ptype: 6[0] 7[1] 4[2] 2[3] 4[4] 5[5] 4[6,7,8] 7[9] 6[10,11]

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

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

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

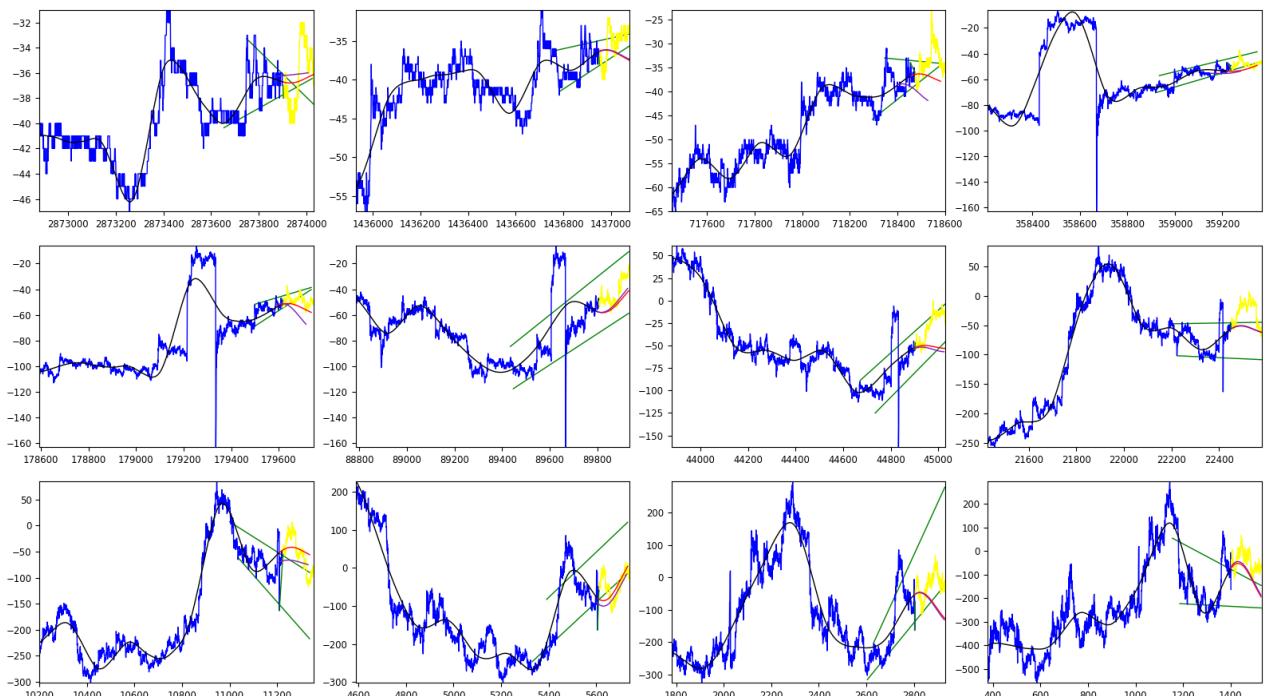


2873904: ptype: 5[0] 4[1,2] 2[3] 4[4] 5[5] 4[6,7,8] 7[9] 6[10,11]

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

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

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



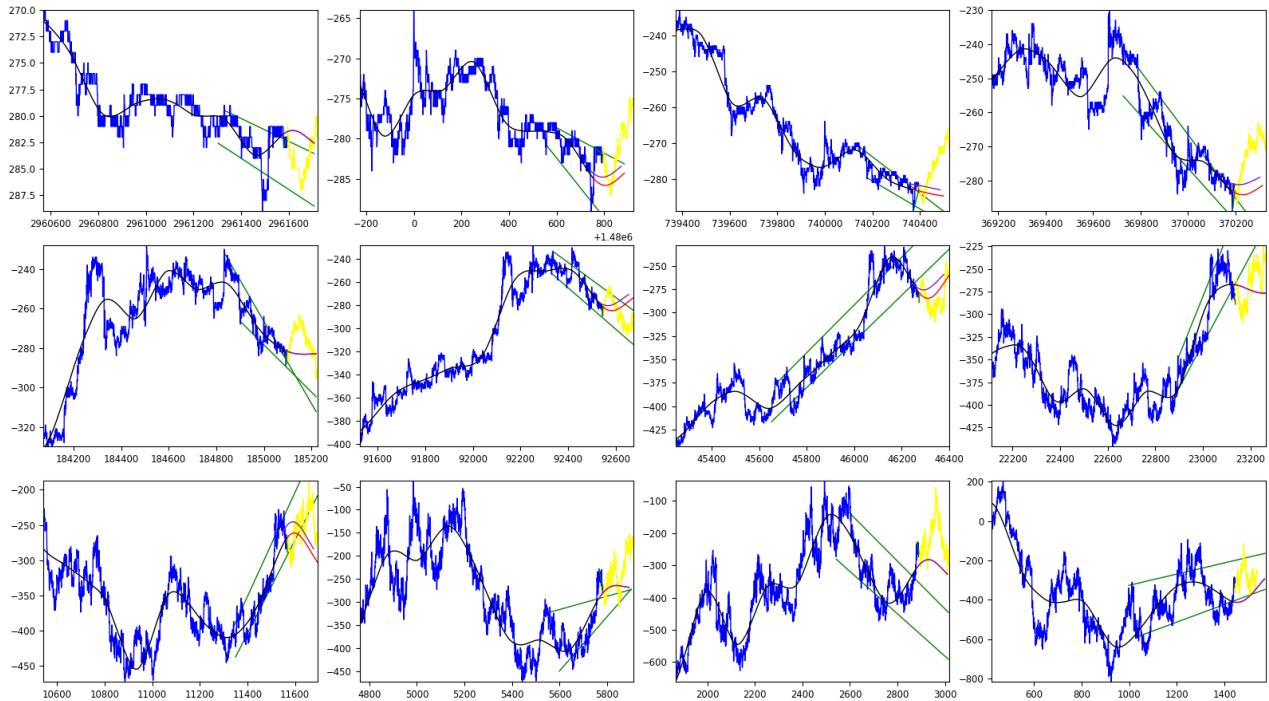
2.14 19 2961595 2961653

2961595: ptype: 6[0] 7[1] 3[2] 7[3] 3[4] 7[5,6] 3[7] 6[8] 4[9] 6[10] 2[11]

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

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

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

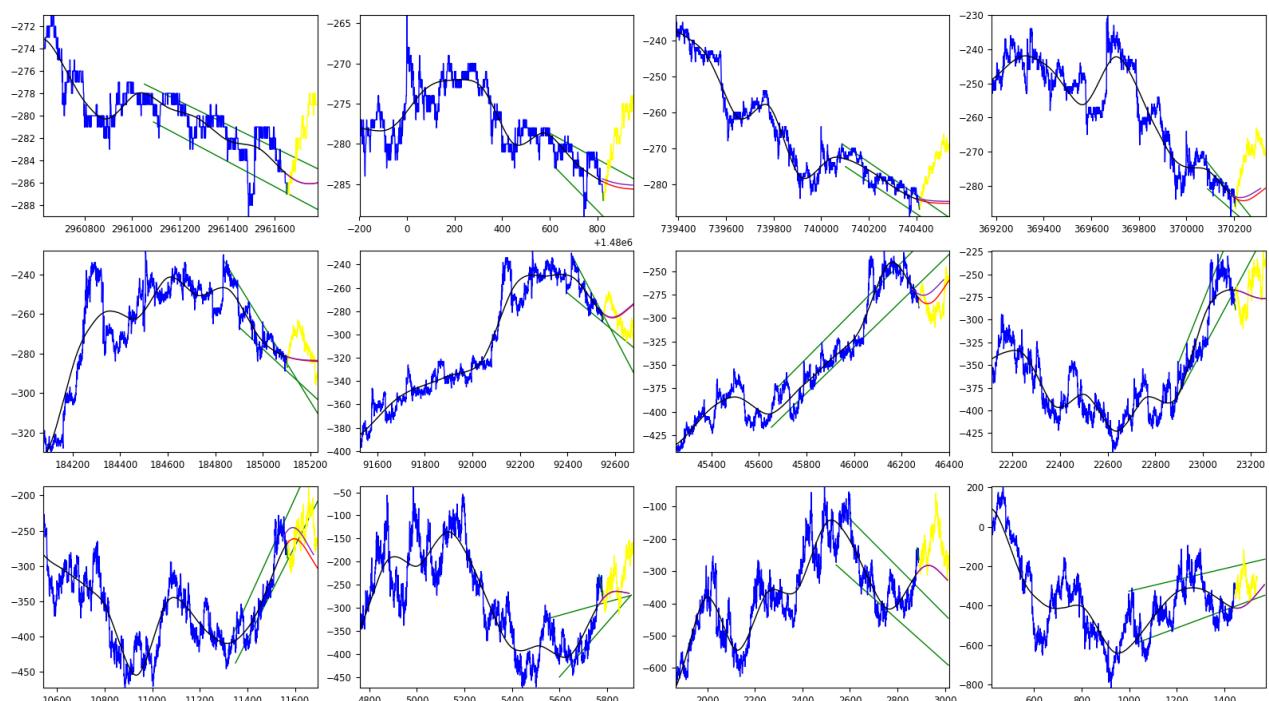


2961653: ptype: 5[0] 3[1,2] 7[3] 3[4] 7[5,6] 3[7] 6[8] 4[9] 6[10] 2[11]

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

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

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



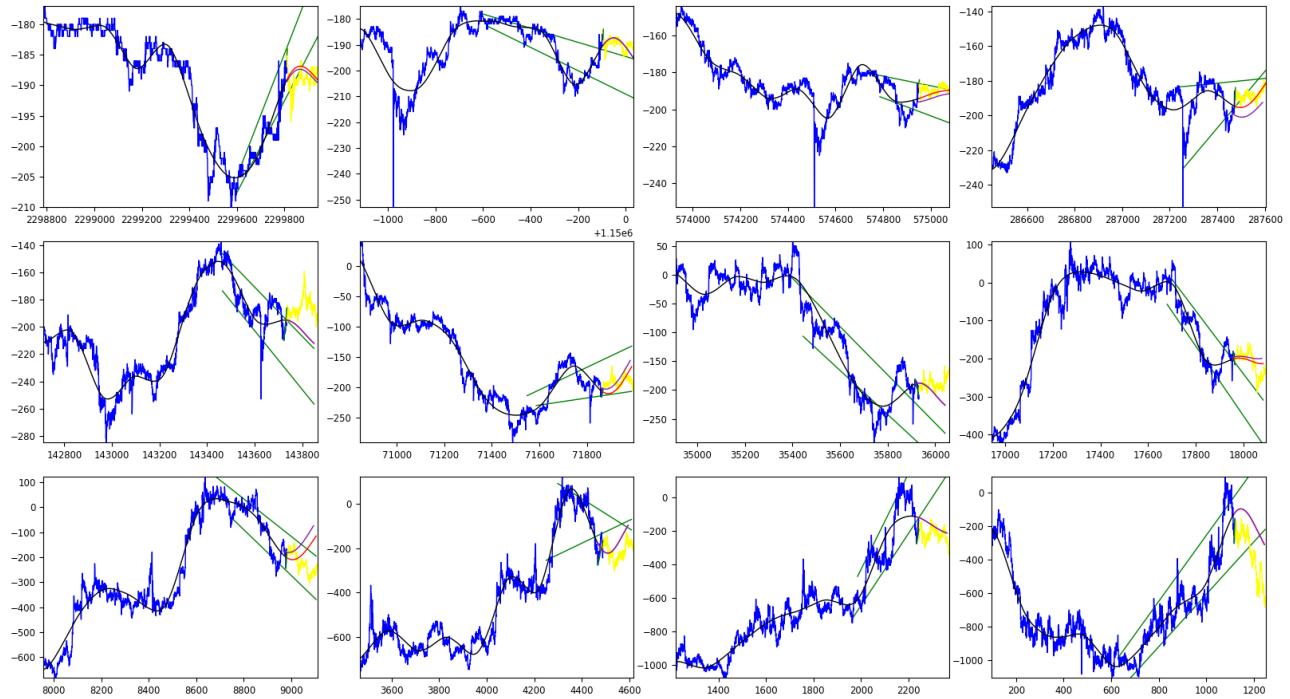
2.15 OI 2299812 2299950

2299812: ptype: 6[0,1] 2[2] 5[3] 3[4] 7[5] 4[6] 1[7] 7[8,9] 3[10] 6[11]

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

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

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

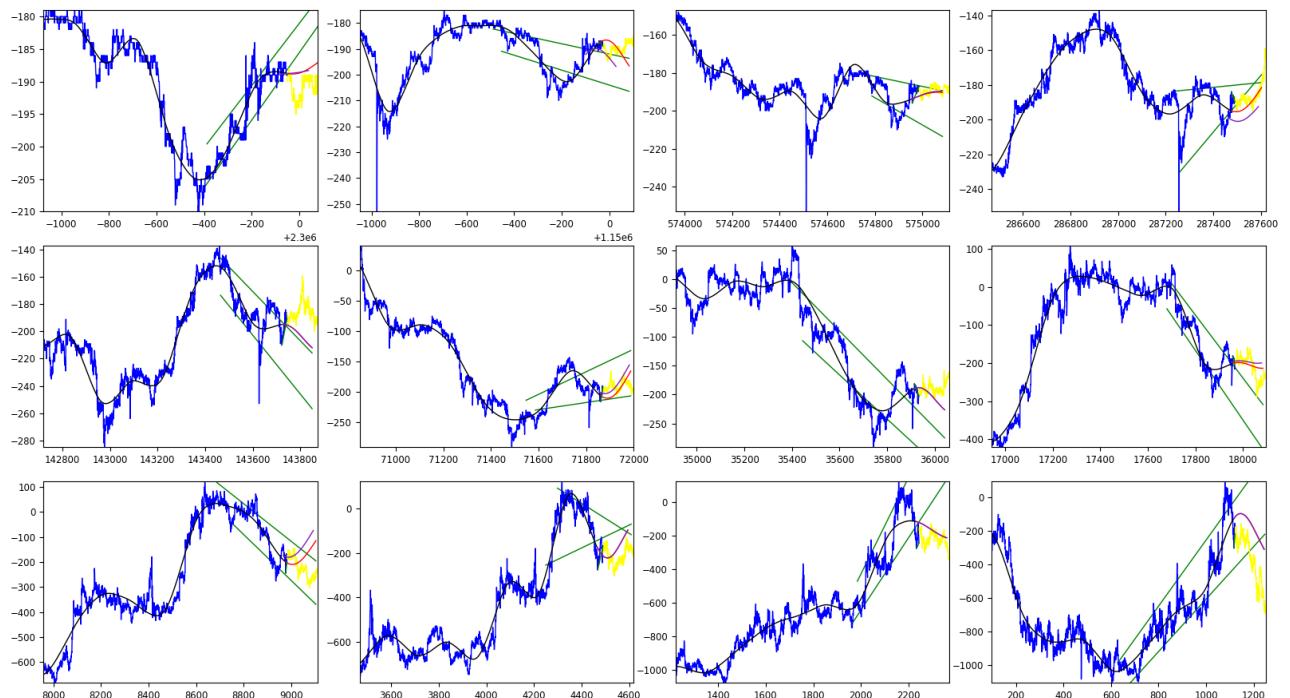


2299950: ptype: 5[0] 6[1] 2[2] 5[3] 3[4] 7[5] 4[6] 1[7] 7[8,9] 3[10] 6[11]

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

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

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



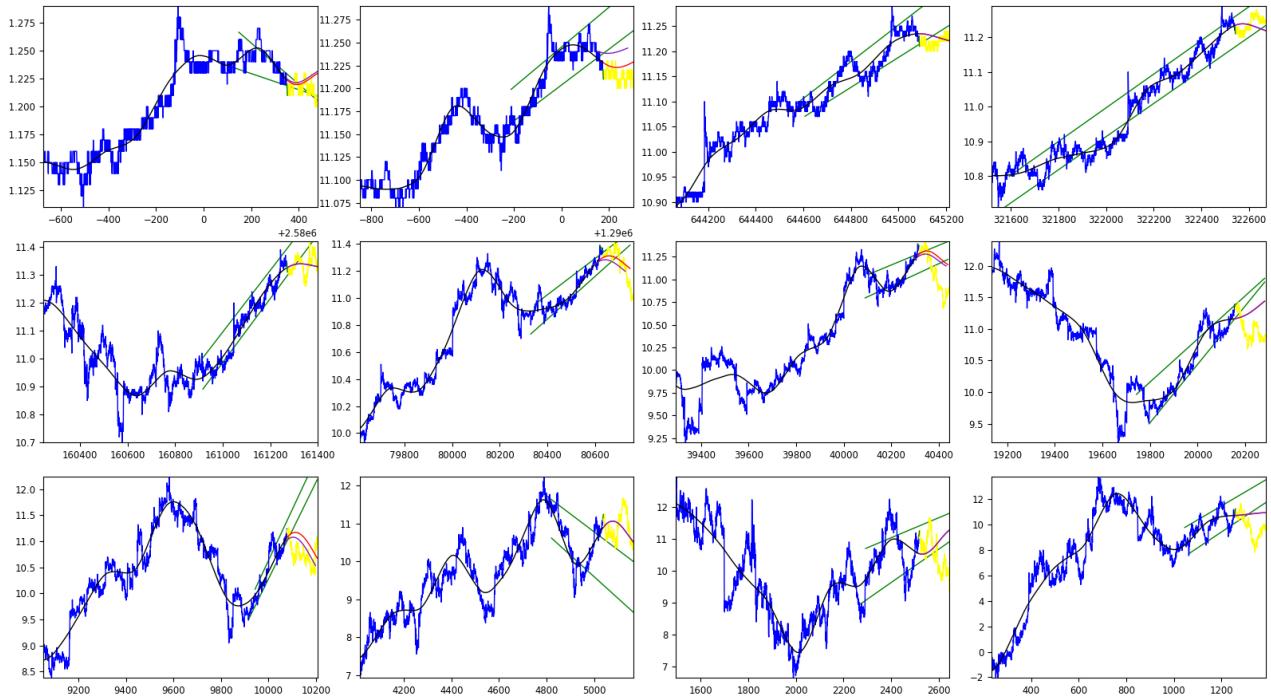
2.16 au 2580352 2580530

2580352: ptype: 7[0] 5[1] 3[2] 4[3,4] 6[5,6] 2[7] 6[8,9] 2[10,11]

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

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

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

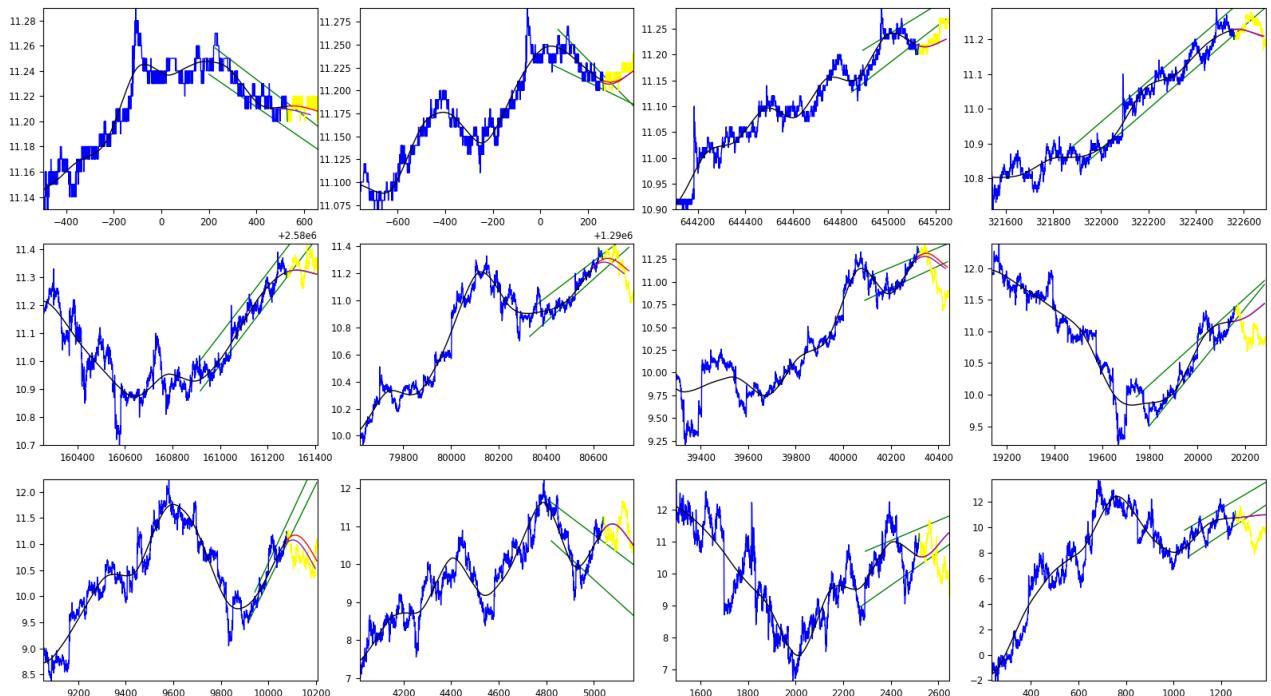


2580530: ptype: 4[0] 5[1,2] 4[3,4] 6[5,6] 2[7] 6[8,9] 2[10,11]

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

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

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



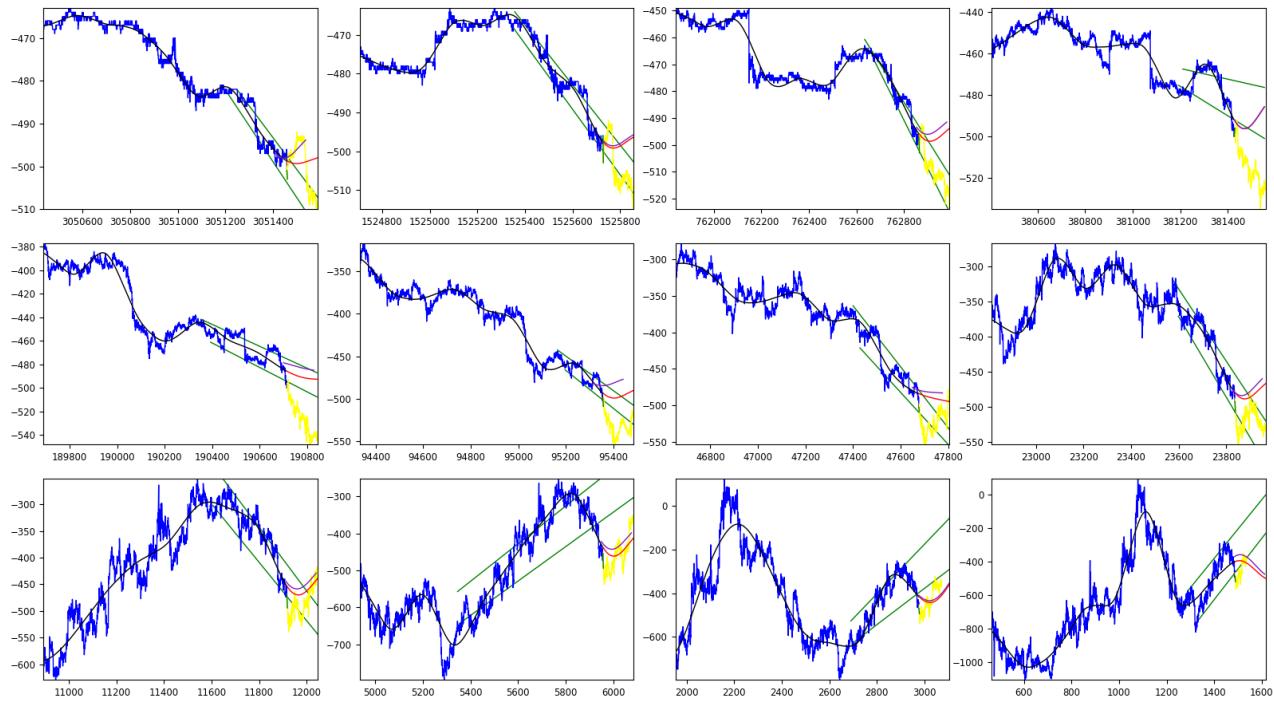
2.17 OI 3051461 3051494

3051461: ptype: 5[0] 7[1,2,3] 3[4] 7[5] 3[6] 7[7,8,9,10] 4[11]

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

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

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

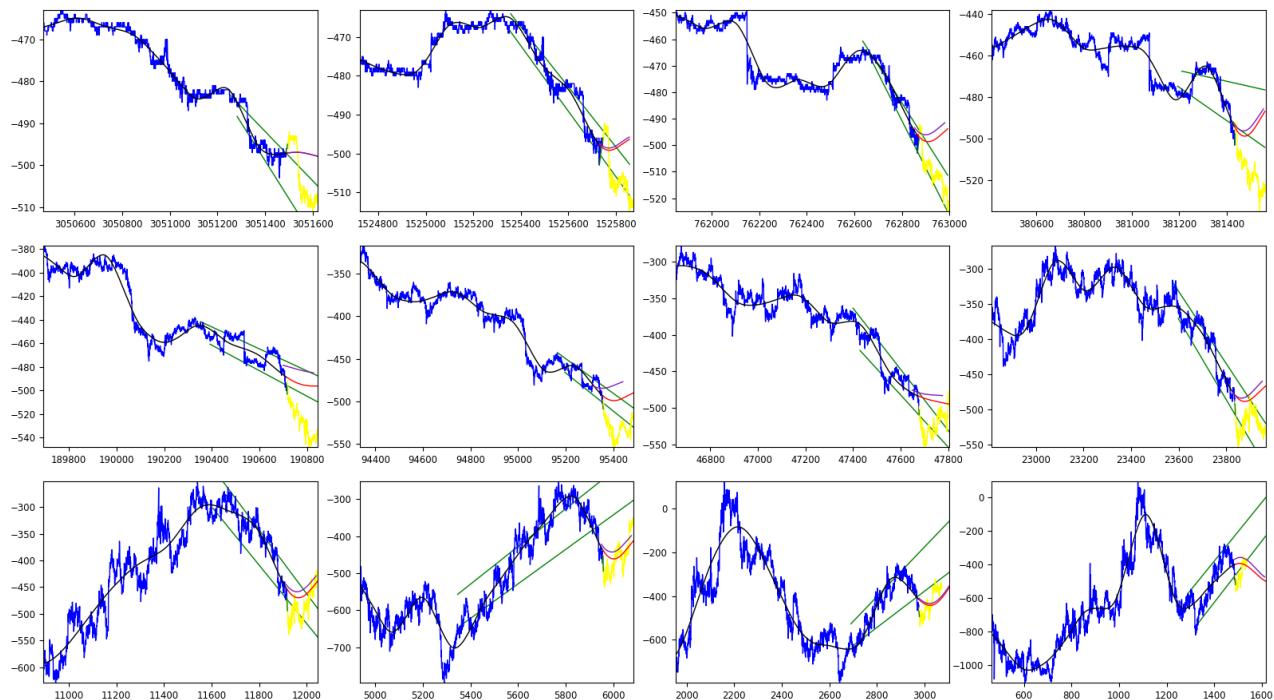


3051494: ptype: 4[0] 7[1,2,3] 3[4] 7[5] 3[6] 7[7,8,9,10] 4[11]

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

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

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



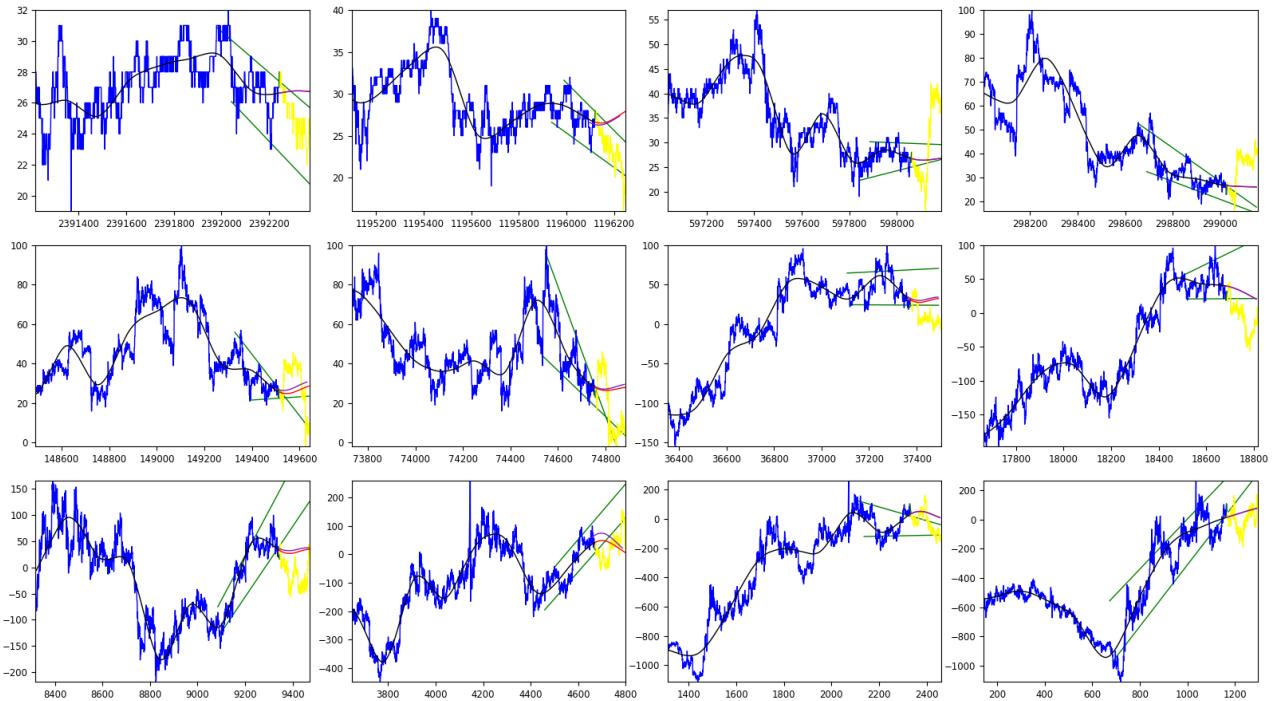
2.18 CF 2392244 2392350

2392244: ptype: 4[0] 5[1,2] 1[3] 5[4,5,6] 3[7] 5[8] 4[9,10] 2[11]

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

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

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

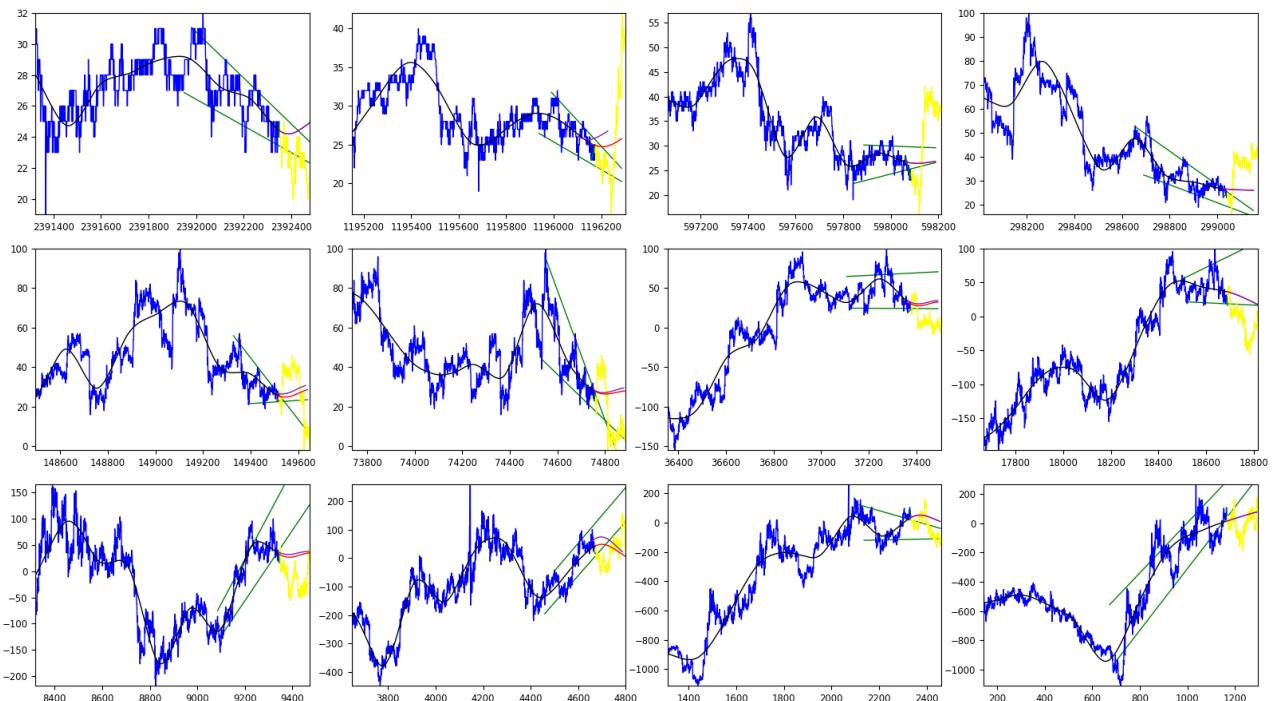


2392350: ptype: 7[0,1] 5[2] 1[3] 5[4,5,6] 3[7] 5[8] 4[9,10] 2[11]

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

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

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



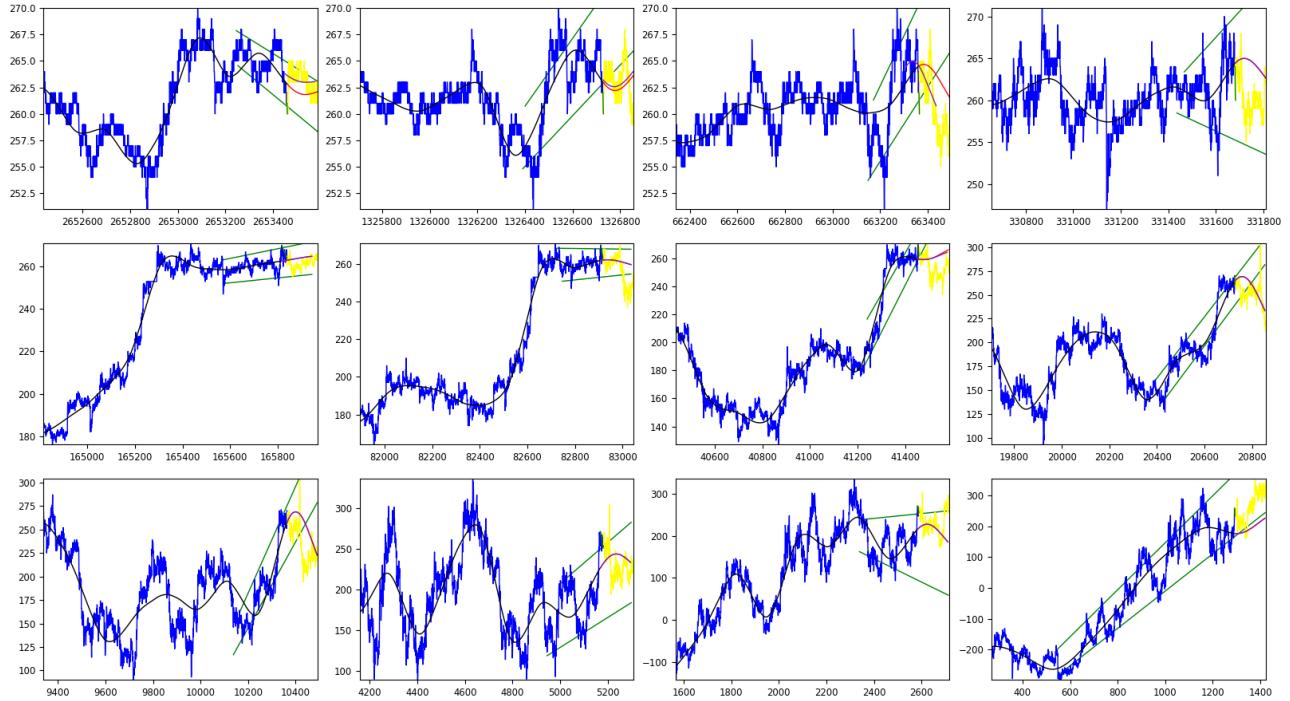
2.19 FG 2653461 2653638

2653461: ptype: 5[0] 7[1] 6[2,3] 2[4] 4[5] 5[6] 6[7,8,9,10] 2[11]

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

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

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

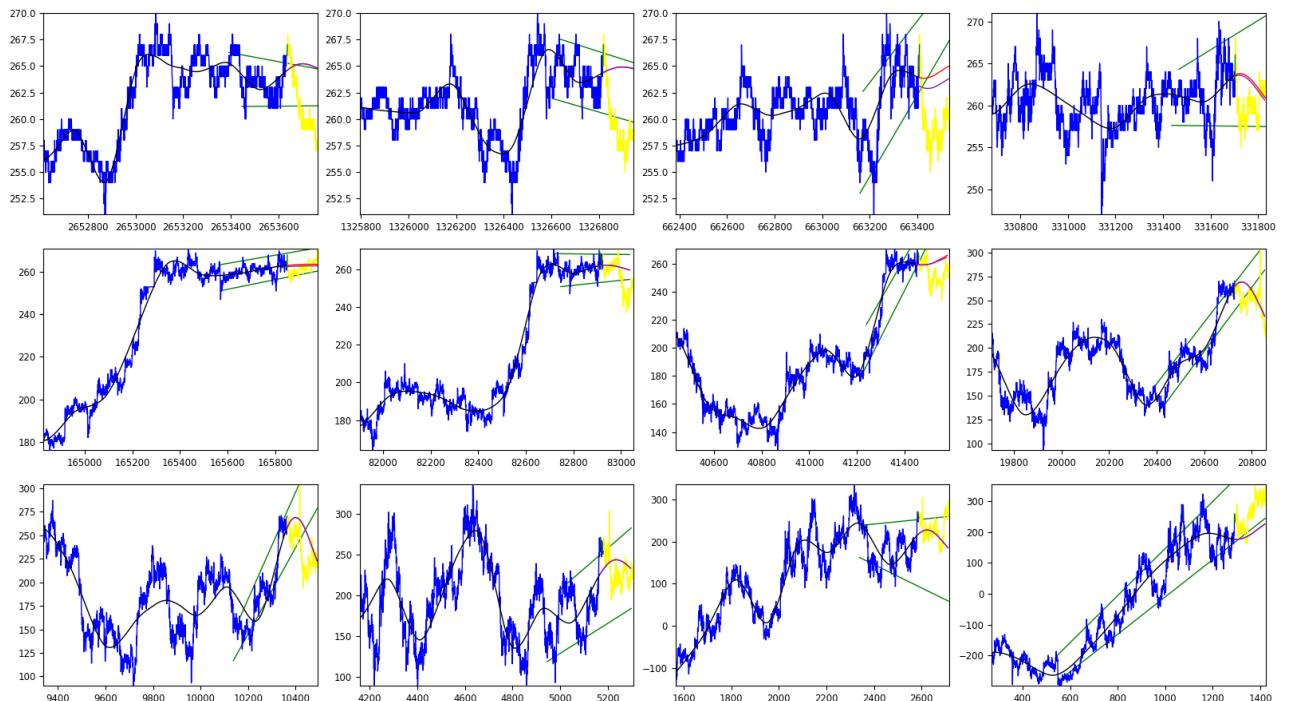


2653638: ptype: 4[0,1] 5[2] 4[3] 1[4] 4[5] 5[6] 6[7,8,9,10] 2[11]

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

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

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



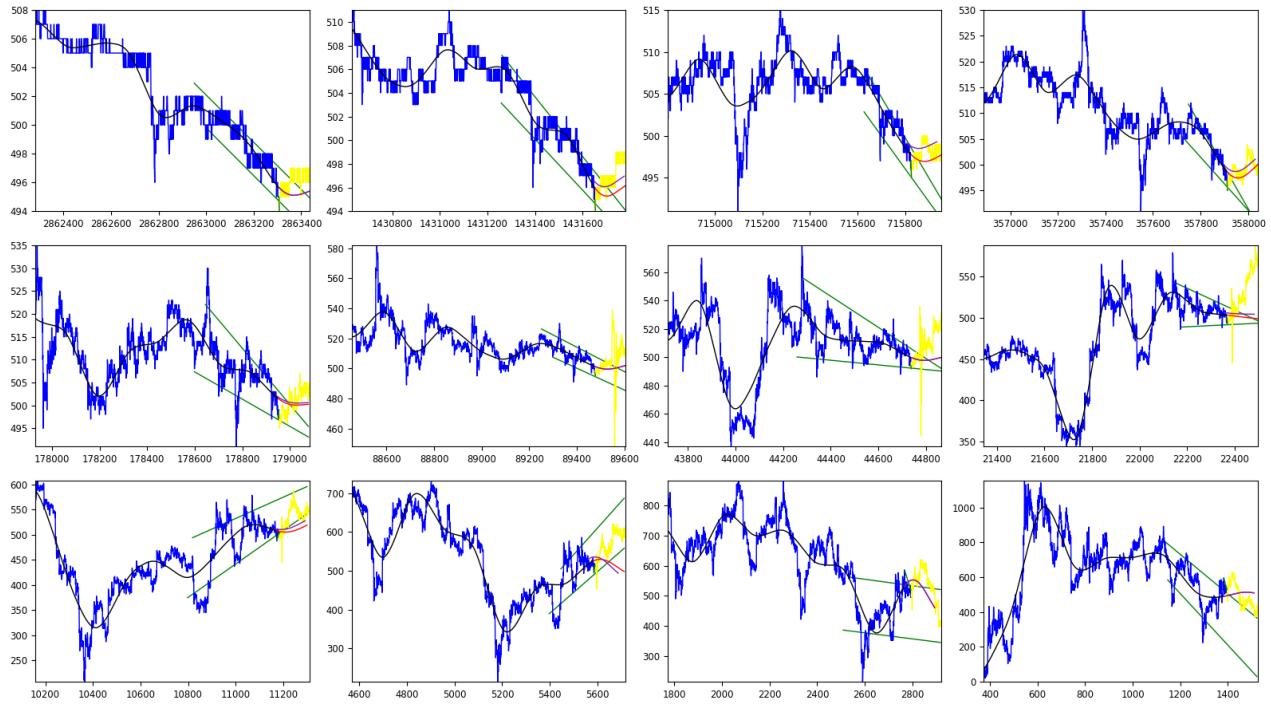
2.20 ag 2863308 2863398

2863308: ptype: 5[0] 7[1] 5[2] 7[3] 5[4,5,6] 3[7] 5[8] 4[9] 6[10] 4[11]

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

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

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



2863398: ptype: 4[0] 7[1] 5[2] 7[3] 5[4,5,6] 3[7] 5[8] 4[9] 6[10] 4[11]

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

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

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

