

Analysis For Eureka

v3-3 part 5

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1 100 cases - part 5

Table 1: The One Hundred Cases to 20171108

No	Inst	Cline	Reached	Reverse	Dir	Why
	RM	-1	2902244	2902404		
	ni	1	2938690	2938797		
	m9	1	2863649	2863732		
	cu	1	2341272	2341350		
	al	-1	2457404	2457500		
	au	-1	3108959	3109100		
	y9	-1	2858031	2858120		
	ag	-1	2711636	2711706		
	bu	1	2752059	2752150		
	v9	-1	2399548	2399614		
	RM	1	2432255	2432400		
	l9	1	3127998	3128051		
	rb	1	3198467	3198582		
	cu	-1	2614443	2614550		
	m9	1	3093426	3093473		
	c9	-1	2644878	2645100		
	p9	-1	2326940	2327050		
	CF	-1	3040373	3040450		
	MA	-1	2560572	2560650		
	jm	-1	2332430	2332521		

2 Detail - part 5

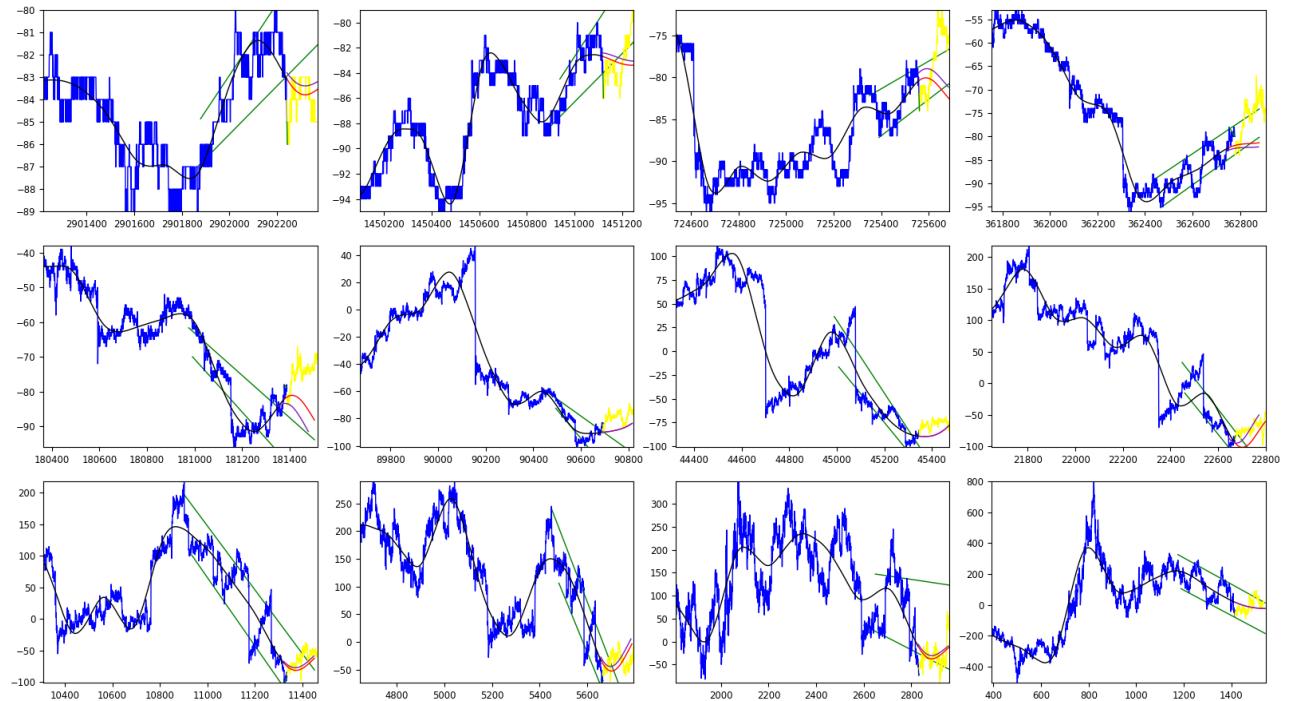
2.1 RM 2902244 2902404

2902244: ptype: 7[0] 3[1] 6[2] 2[3] 6[4] 2[5] 5[6] 7[7,8,9,10] 3[11]

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

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

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

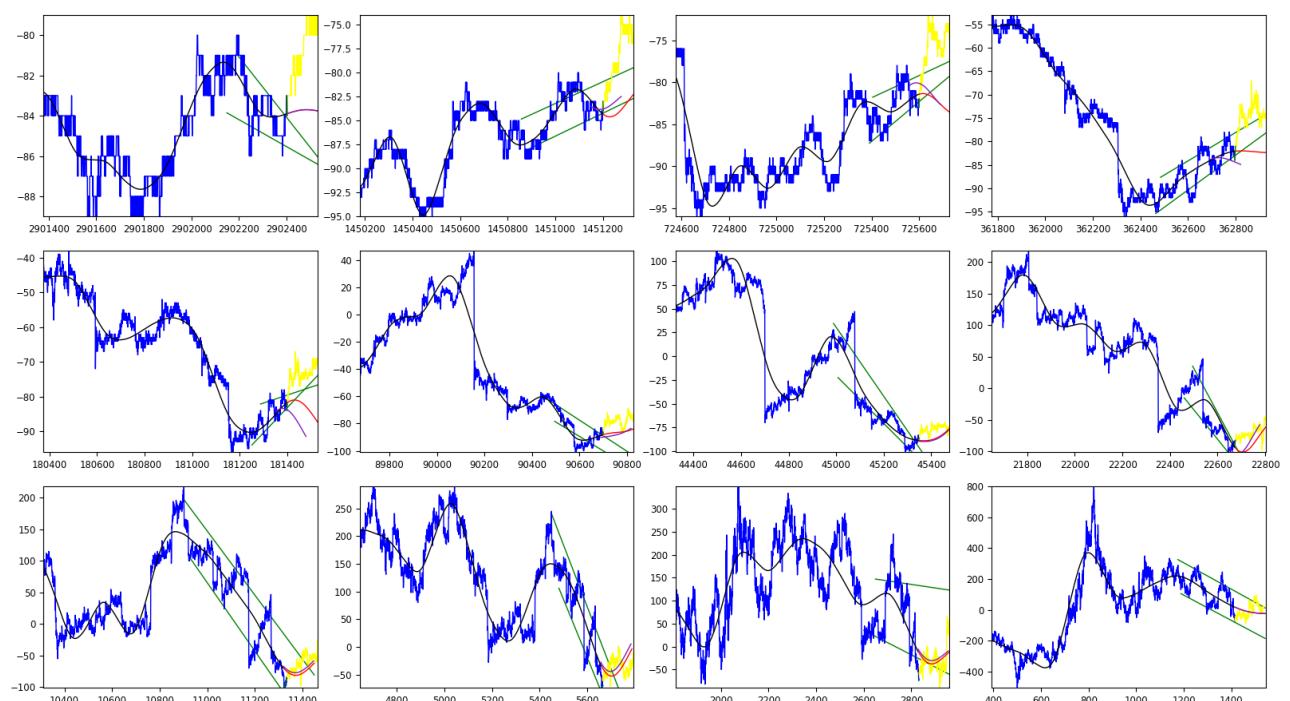


2902404: ptype: 4[0] 7[1] 3[2,3] 6[4] 2[5,6] 7[7,8,9,10] 3[11]

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

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

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



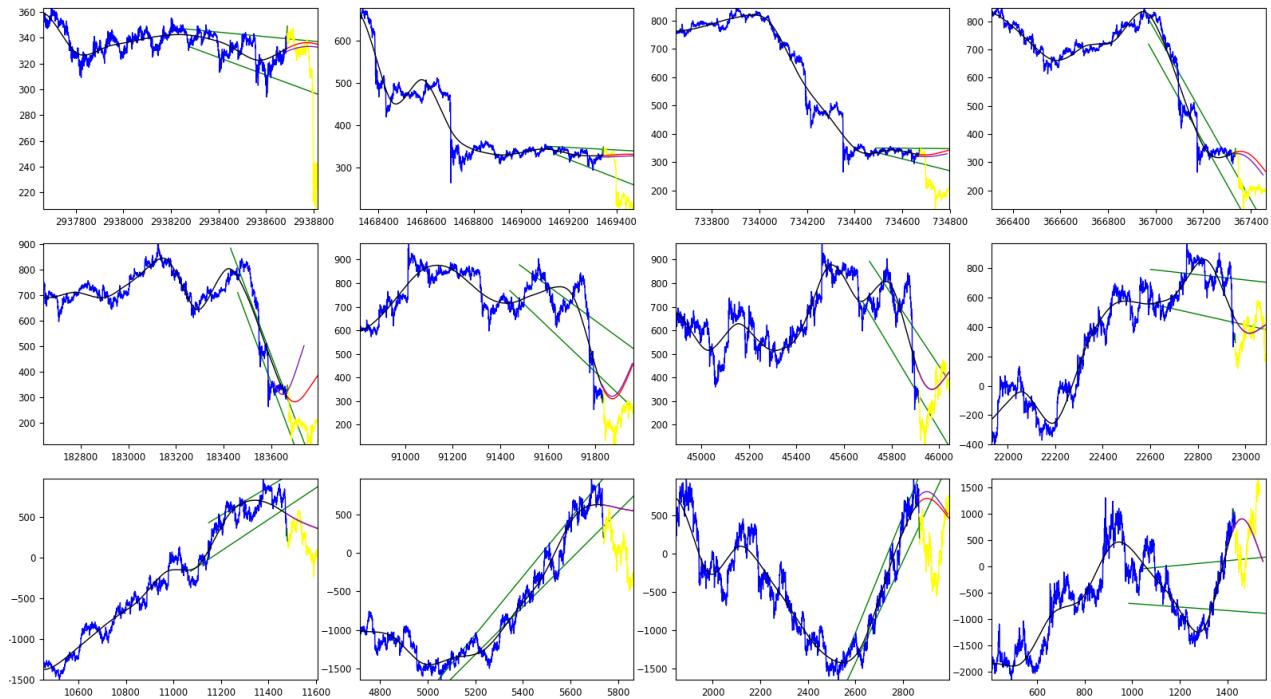
2.2 ni 2938690 2938797

2938690: ptype: 4[0] 2[1] 5[2] 4[3] 7[4,5,6,7] 3[8,9] 6[10,11]

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

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

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

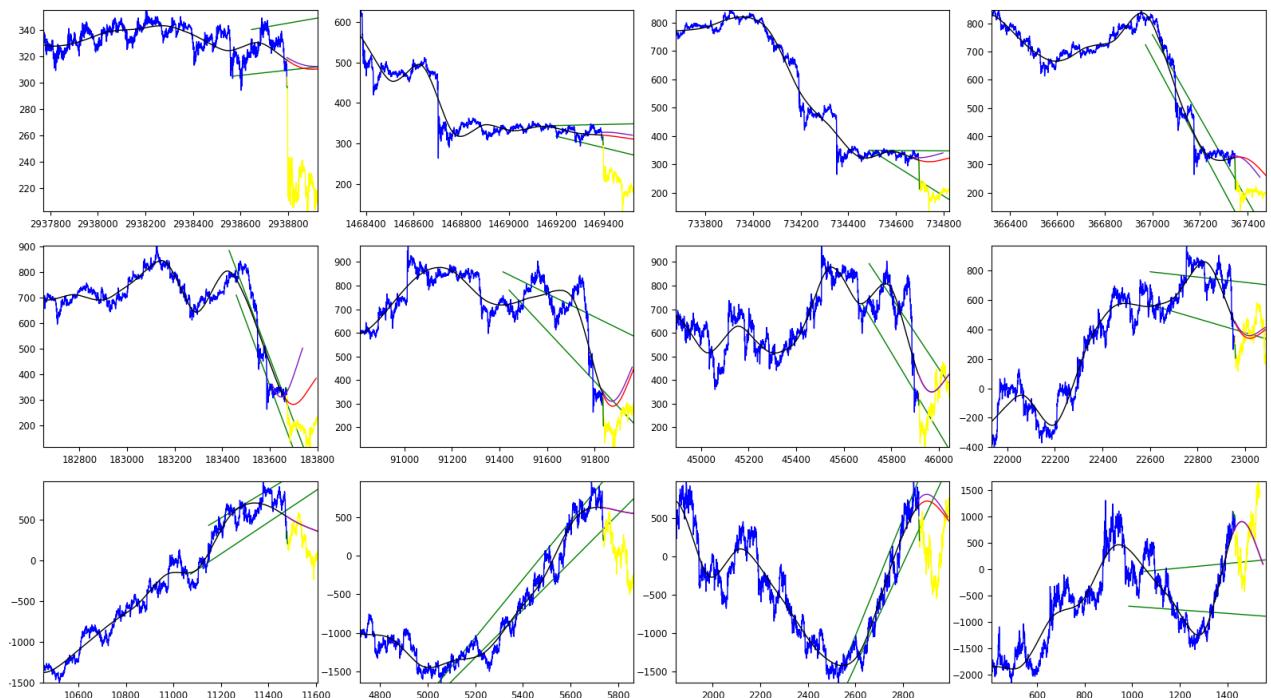


2938797: ptype: 5[0] 3[1] 5[2] 4[3] 7[4,5,6,7] 3[8,9] 6[10,11]

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

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

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



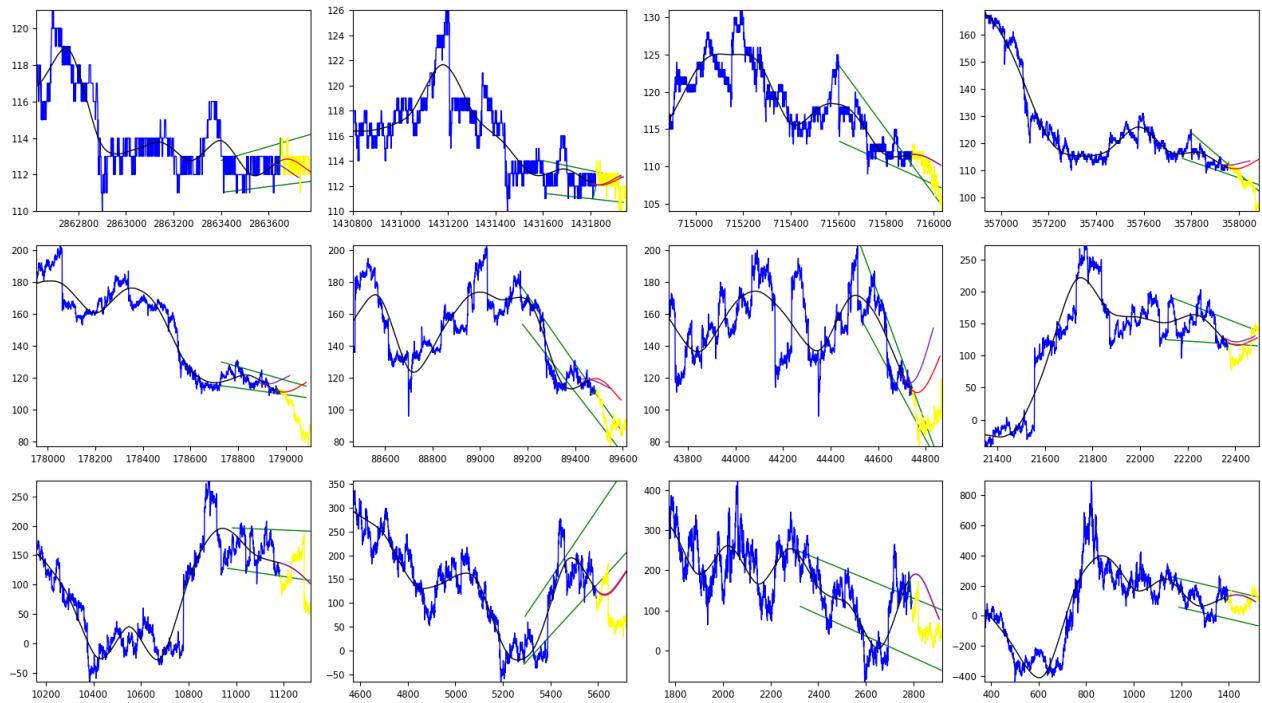
2.3 m9 2863649 2863732

2863649: ptype: 4[0] 5[1] 3[2] 5[3,4] 4[5] 7[6] 5[7] 3[8] 7[9] 6[10] 4[11]

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

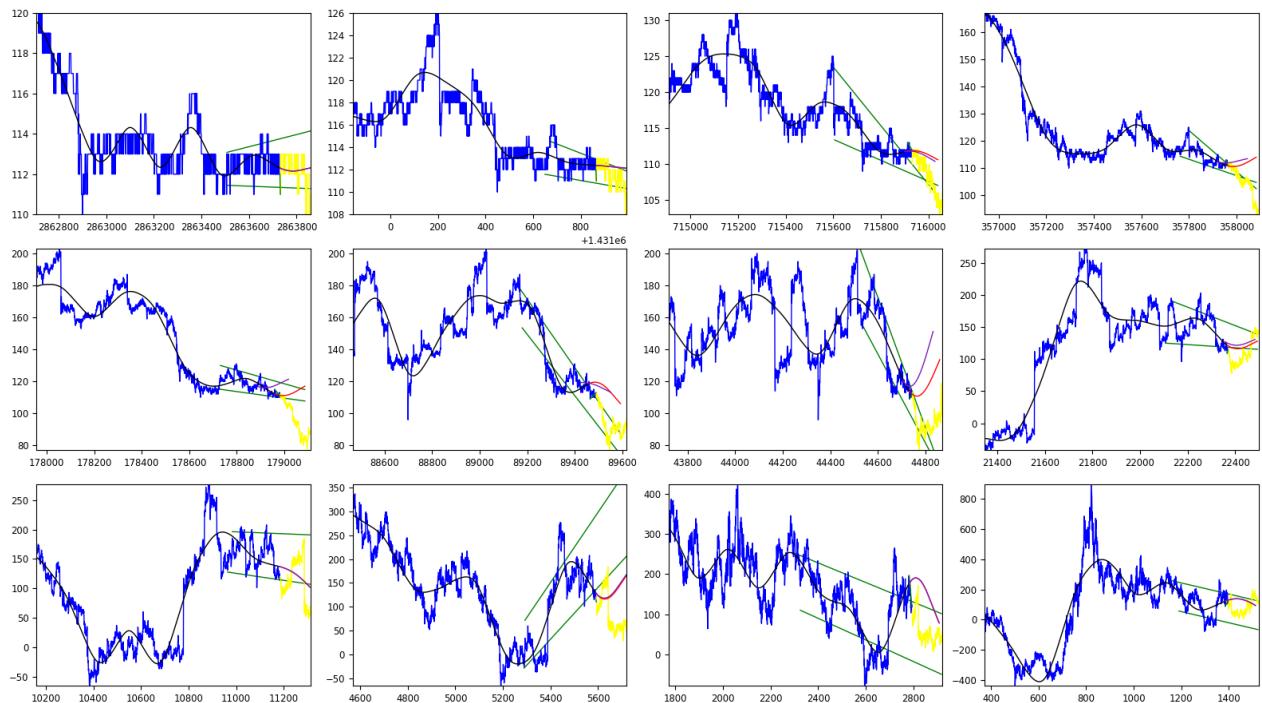


2863732: ptype: 5[0] 3[1] 4[2] 5[3,4] 4[5] 7[6] 5[7] 3[8] 7[9] 6[10] 4[11]

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

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

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



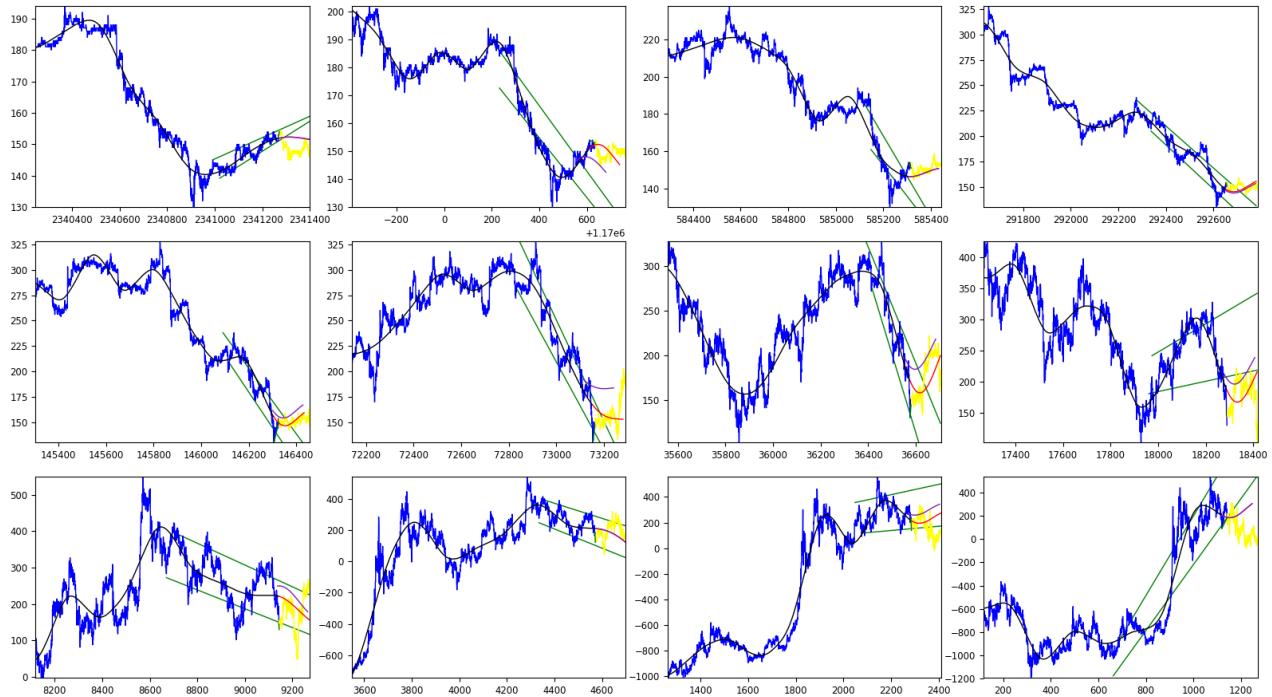
2.4 cu 2341272 2341350

2341272: ptype: 4[0] 6[1] 2[2] 7[3,4] 3[5] 7[6,7] 3[8,9] 7[10] 5[11]

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

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

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

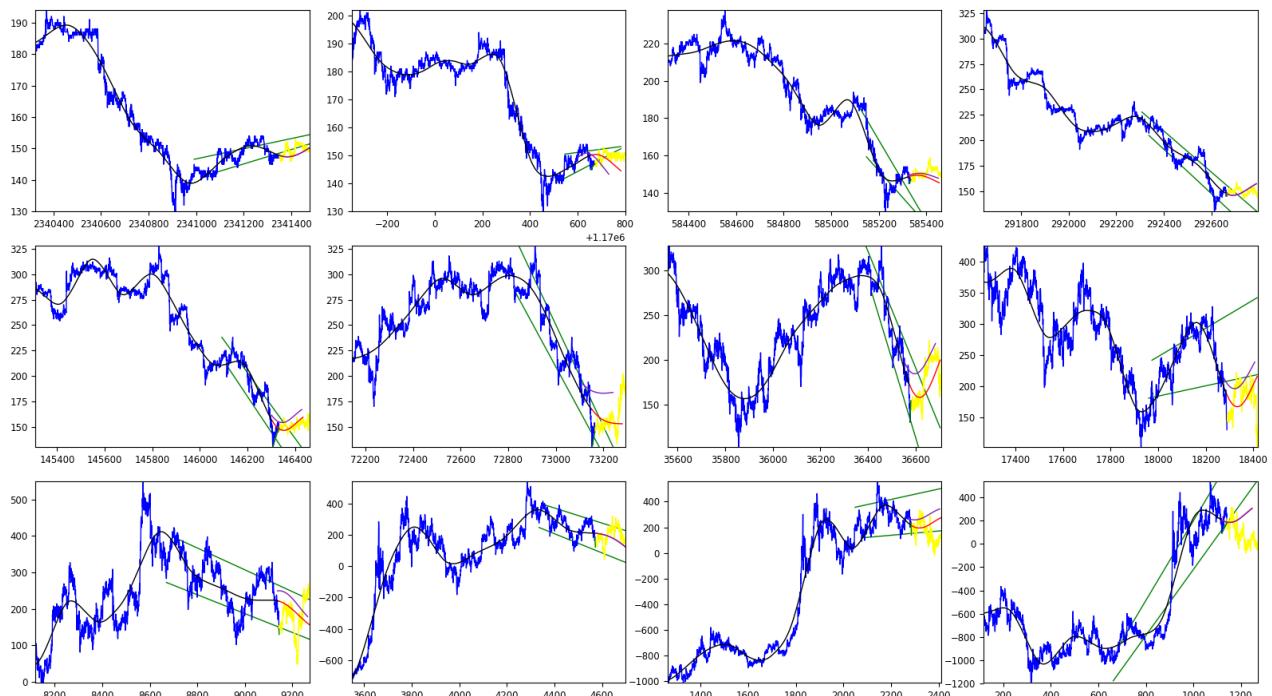


2341350: ptype: 5[0] 4[1,2] 5[3] 7[4] 3[5] 7[6,7] 3[8,9] 7[10] 5[11]

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

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

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



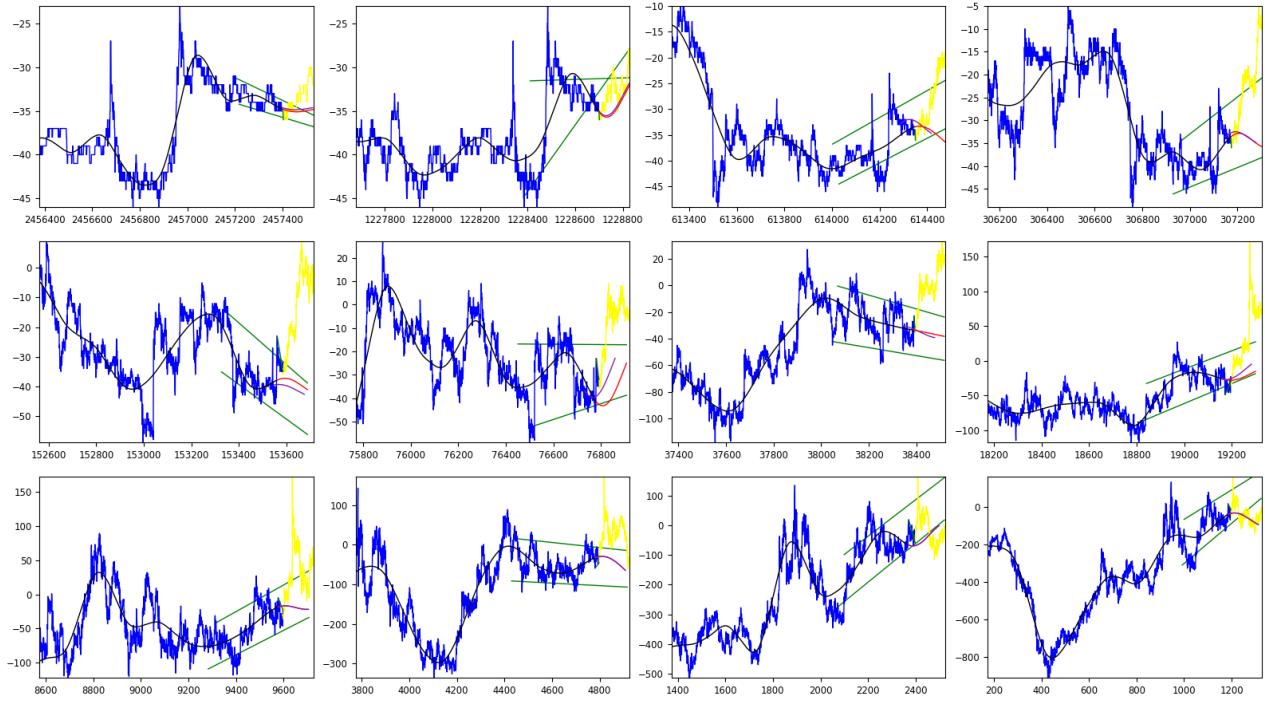
2.5 al 2457404 2457500

2457404: ptype: 5[0] 7[1] 4[2] 6[3] 4[4] 7[5] 3[6] 5[7] 1[8] 4[9] 5[10] 4[11]

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

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

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

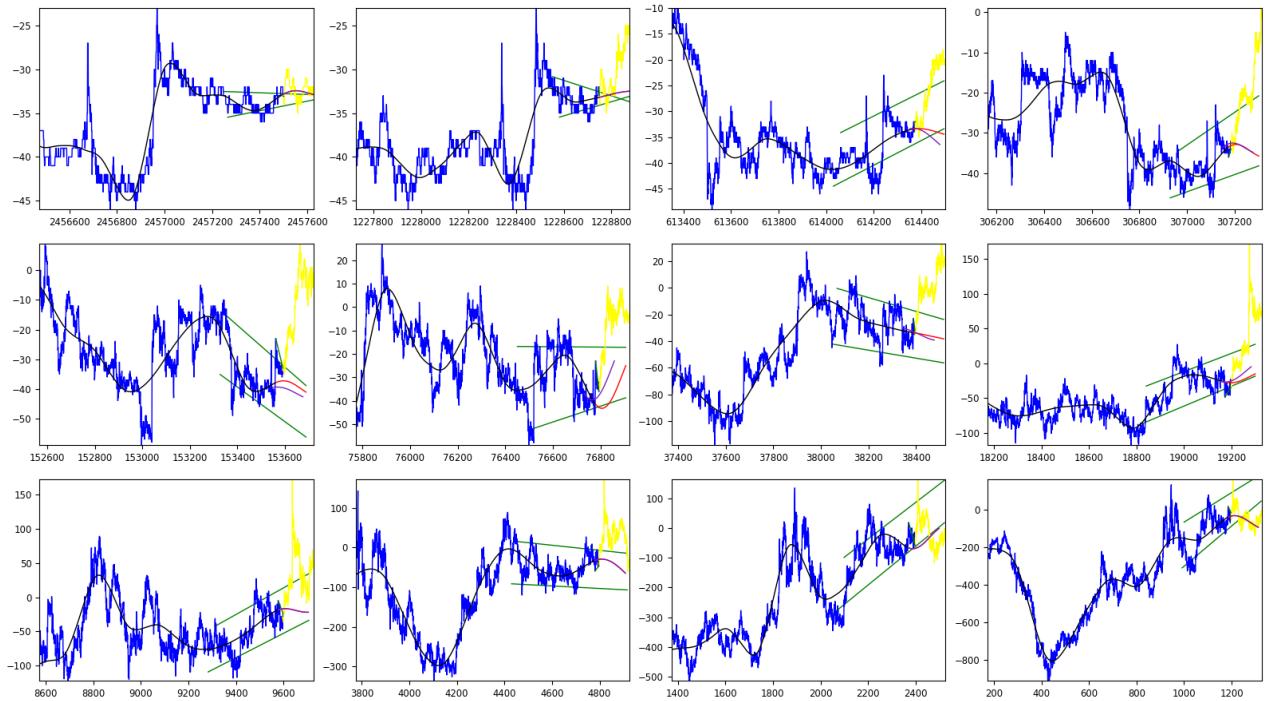


2457500: ptype: 4[0] 2[1] 4[2] 6[3] 4[4] 7[5] 3[6] 5[7] 1[8] 4[9] 5[10] 4[11]

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

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

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



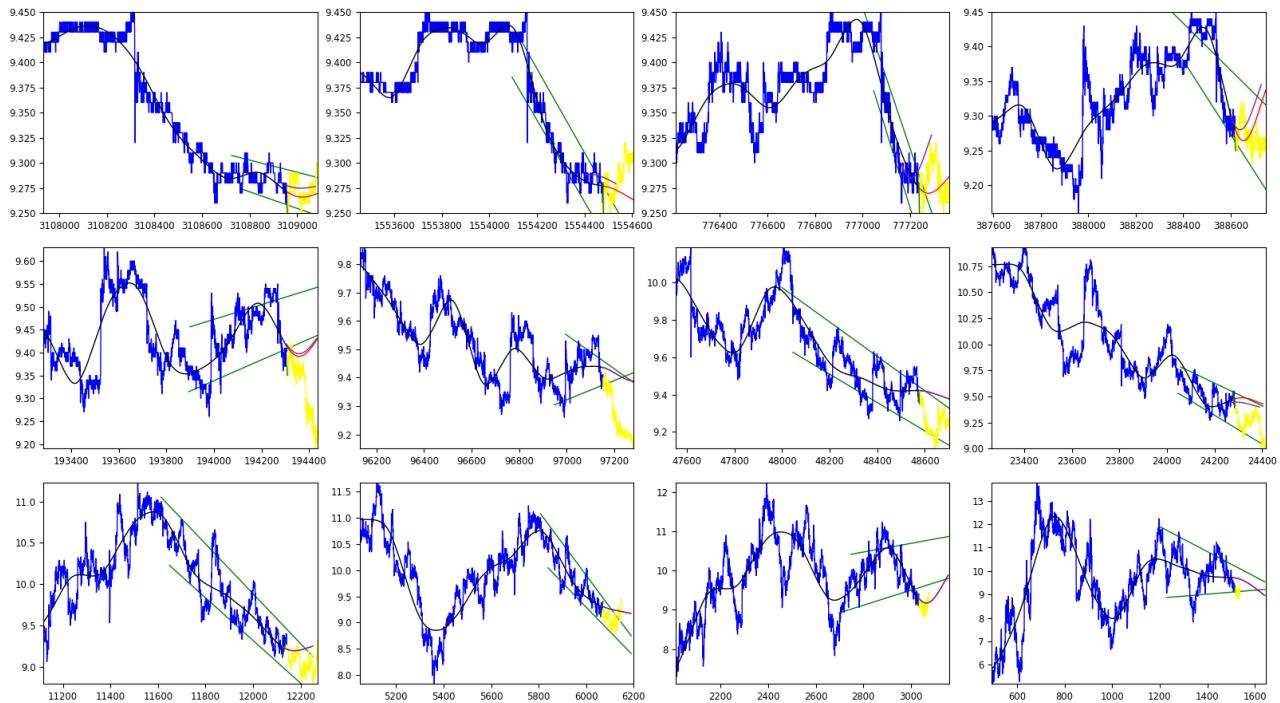
2.6 au 3108959 3109100

3108959: ptype: 5[0] 3[1] 7[2,3,4] 3[5,6] 4[7] 5[8] 3[9] 7[10] 3[11]

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

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

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

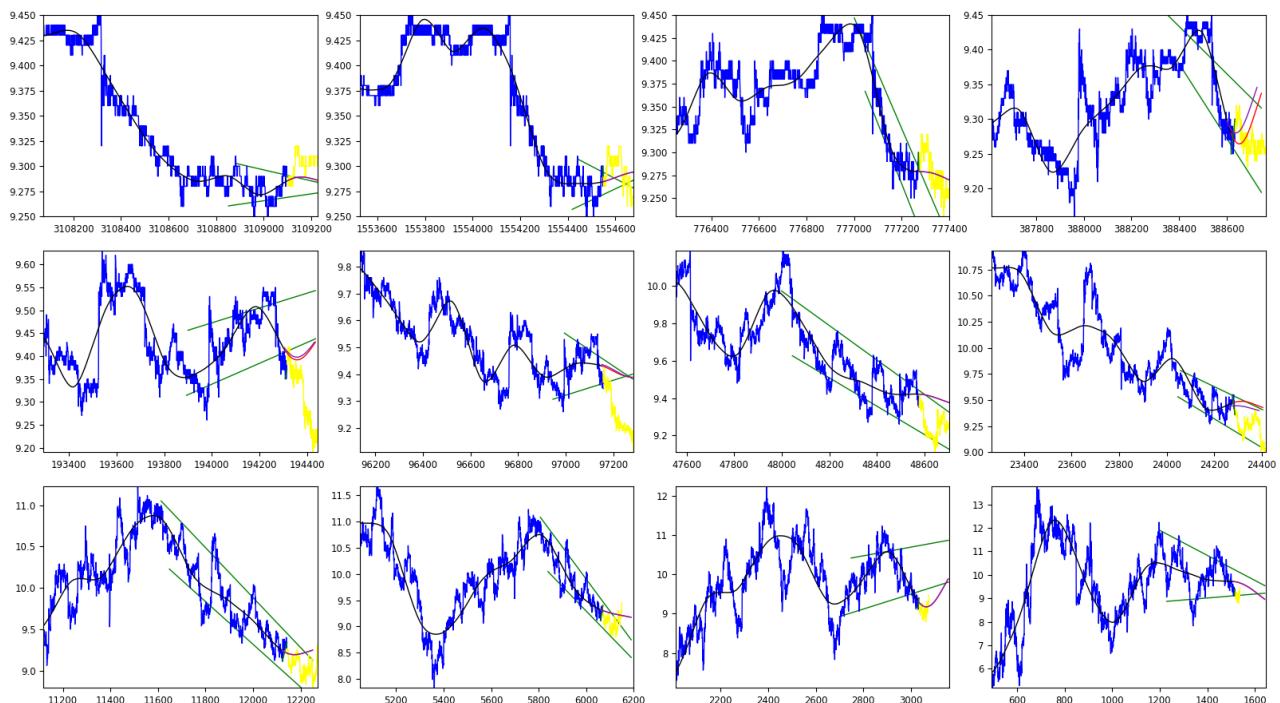


3109100: ptype: 4[0] 2[1] 3[2] 7[3,4] 3[5,6] 4[7] 5[8] 3[9] 7[10] 3[11]

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

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

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



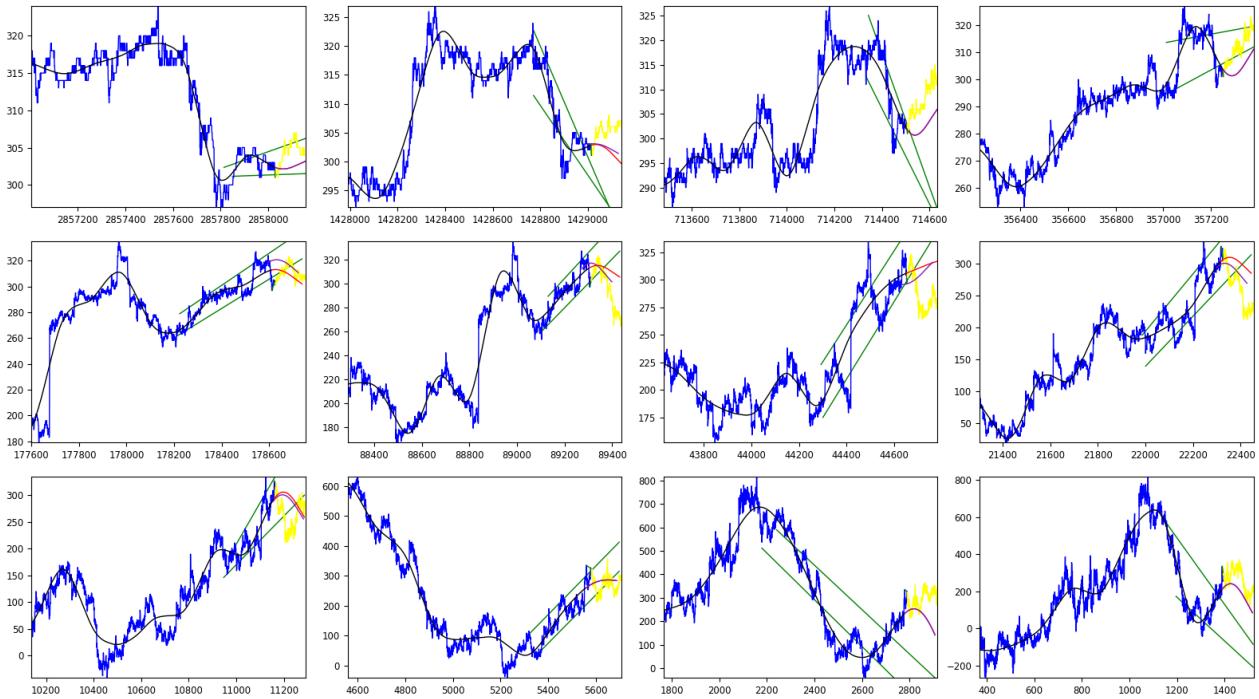
2.7 y9 2858031 2858120

2858031: ptype: 5[0] 4[1] 7[2,3] 4[4] 6[5] 2[6] 6[7,8] 4[9] 6[10,11]

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

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

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

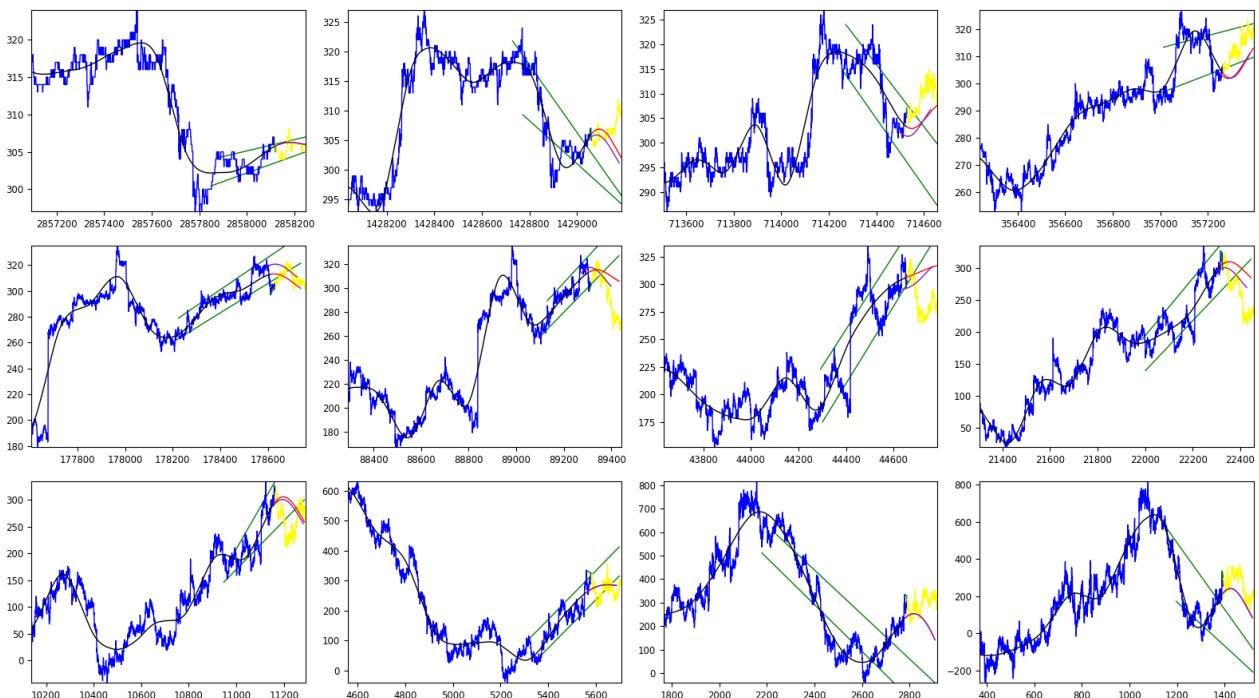


2858120: ptype: 4[0] 6[1] 7[2,3] 4[4] 6[5] 2[6] 6[7,8] 4[9] 6[10,11]

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

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

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



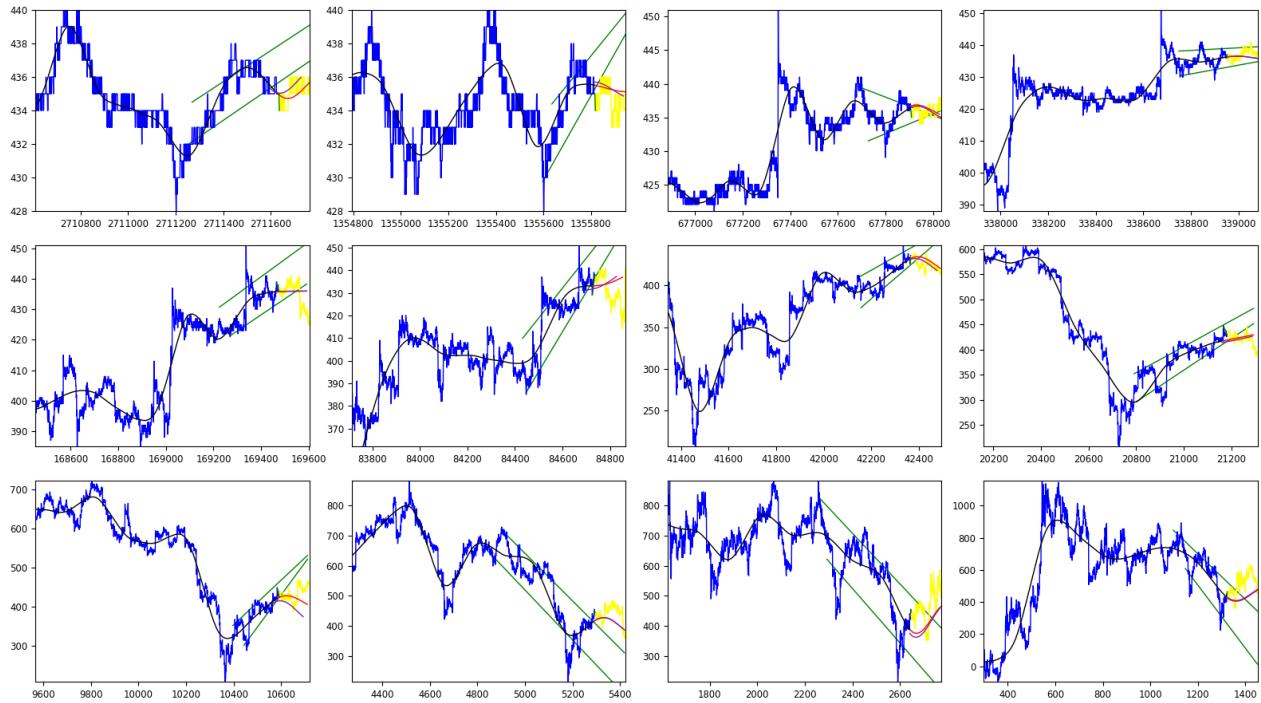
2.8 ag 2711636 2711706

2711636: ptype: 7[0] 3[1] 4[2,3] 1[4] 2[5] 4[6] 2[7] 4[8] 6[9] 7[10,11]

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

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

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

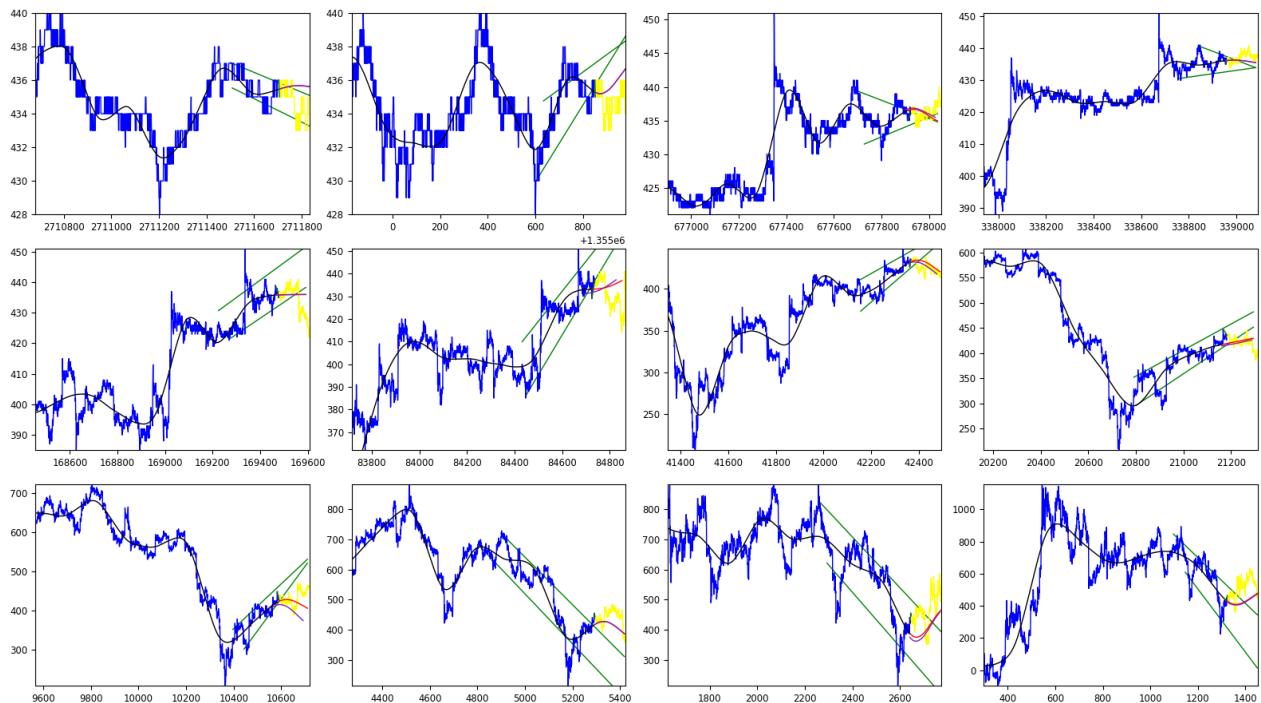


2711706: ptype: 4[0] 5[1] 4[2] 3[3] 1[4] 2[5] 4[6] 2[7] 4[8] 6[9] 7[10,11]

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

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

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



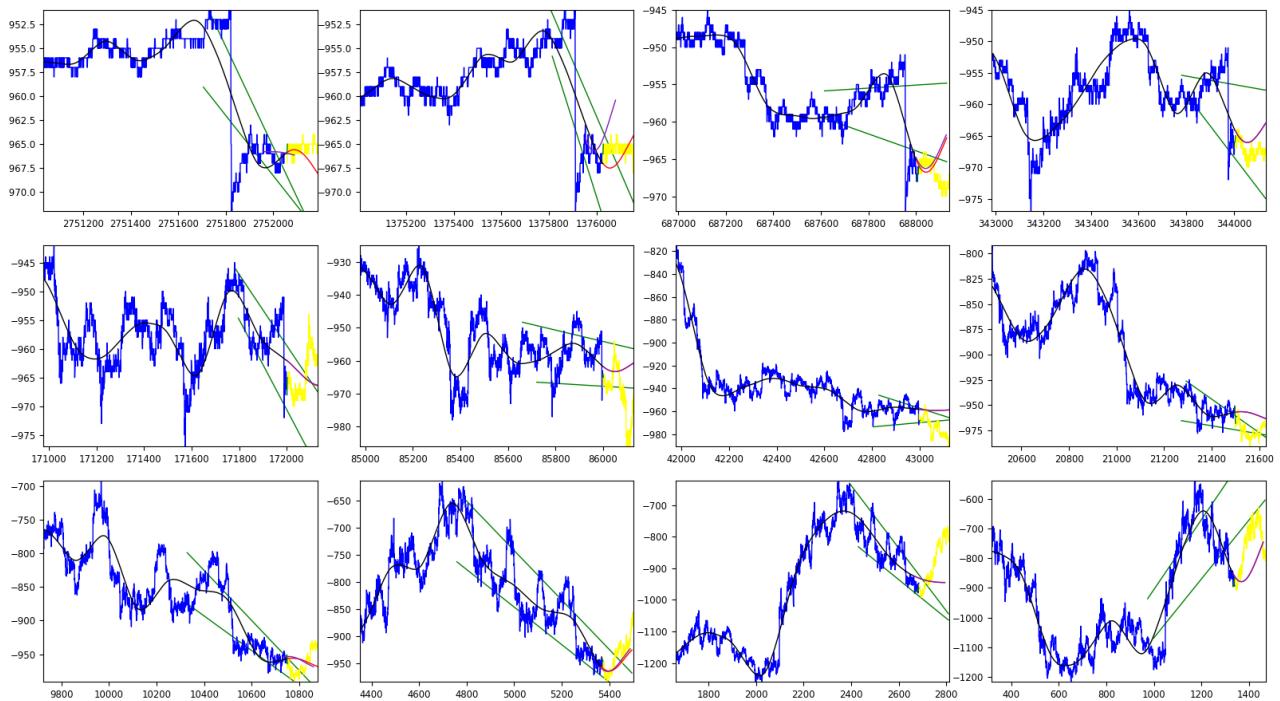
2.9 bu 2752059 2752150

2752059: ptype: 6[0] 7[1,2,3] 3[4] 7[5] 1[6] 4[7,8] 7[9] 3[10] 7[11]

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

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

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

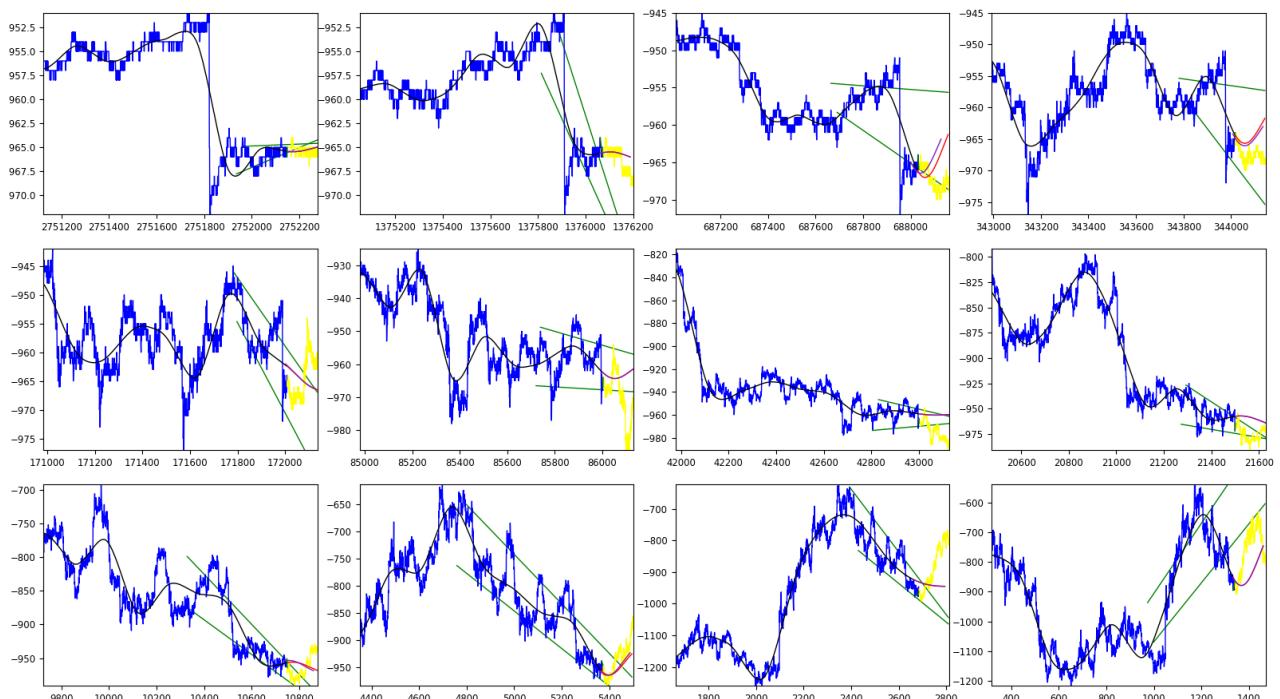


2752150: ptype: 5[0] 4[1] 7[2,3] 3[4] 7[5] 3[6] 4[7,8] 7[9] 3[10] 7[11]

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

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

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



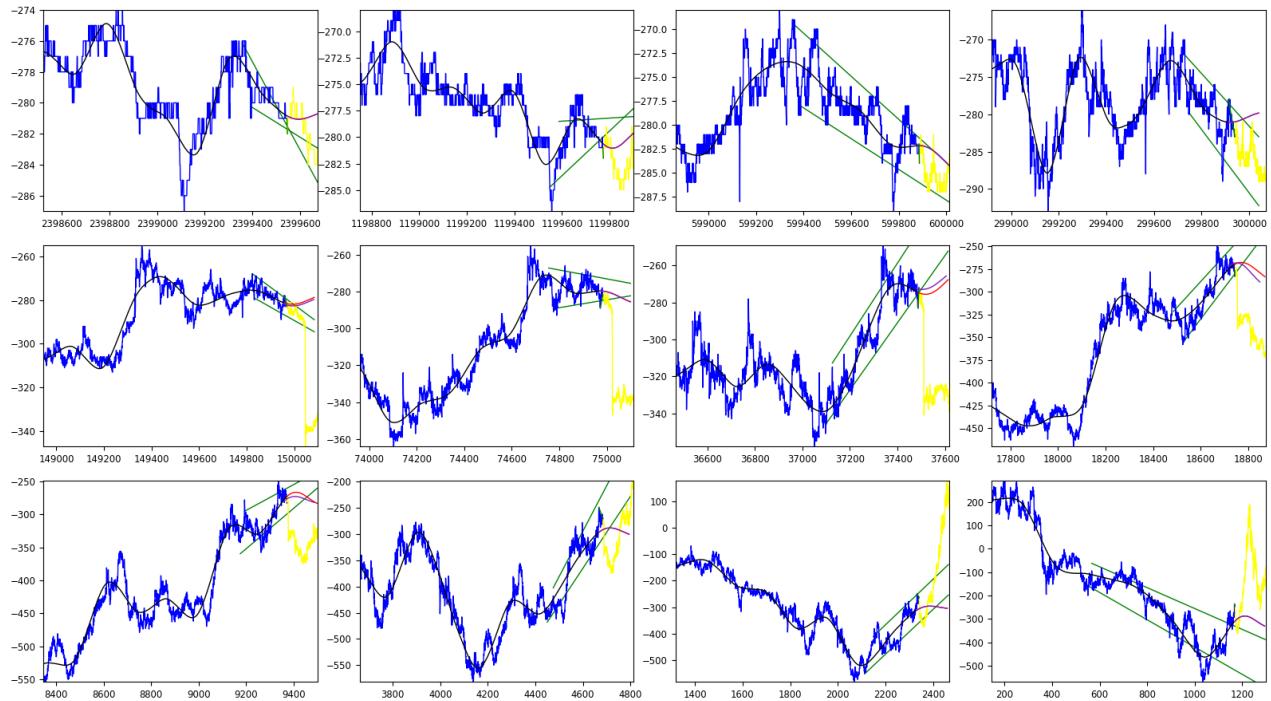
2.10 v9 2399548 2399614

2399548: ptype: 5[0] 7[1] 3[2] 2[3] 5[4] 3[5] 5[6] 4[7] 6[8] 4[9,10] 6[11]

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

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

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

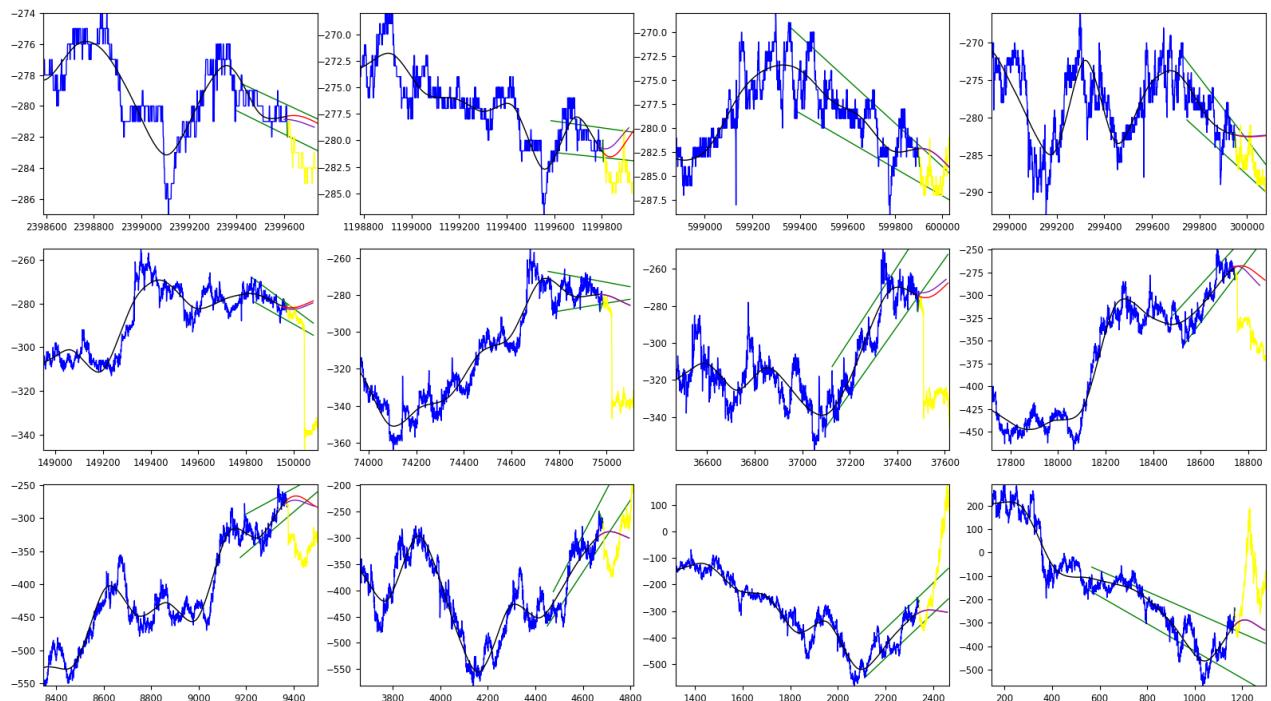


2399614: ptype: 4[0] 7[1] 3[2] 5[3,4] 3[5] 5[6] 4[7] 6[8] 4[9,10] 6[11]

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



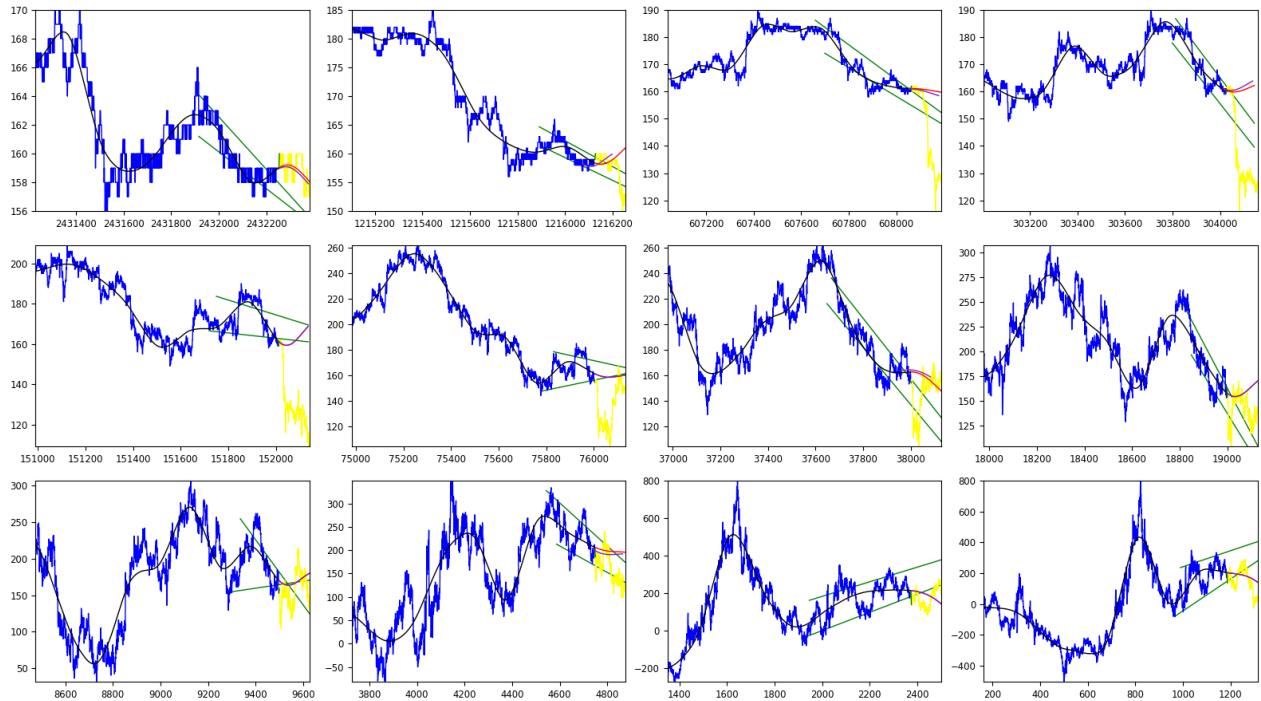
2.11 RM 2432255 2432400

2432255: ptype: 6[0] 5[1] 3[2] 7[3,4] 5[5] 3[6] 7[7,8] 3[9,10,11]

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

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

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

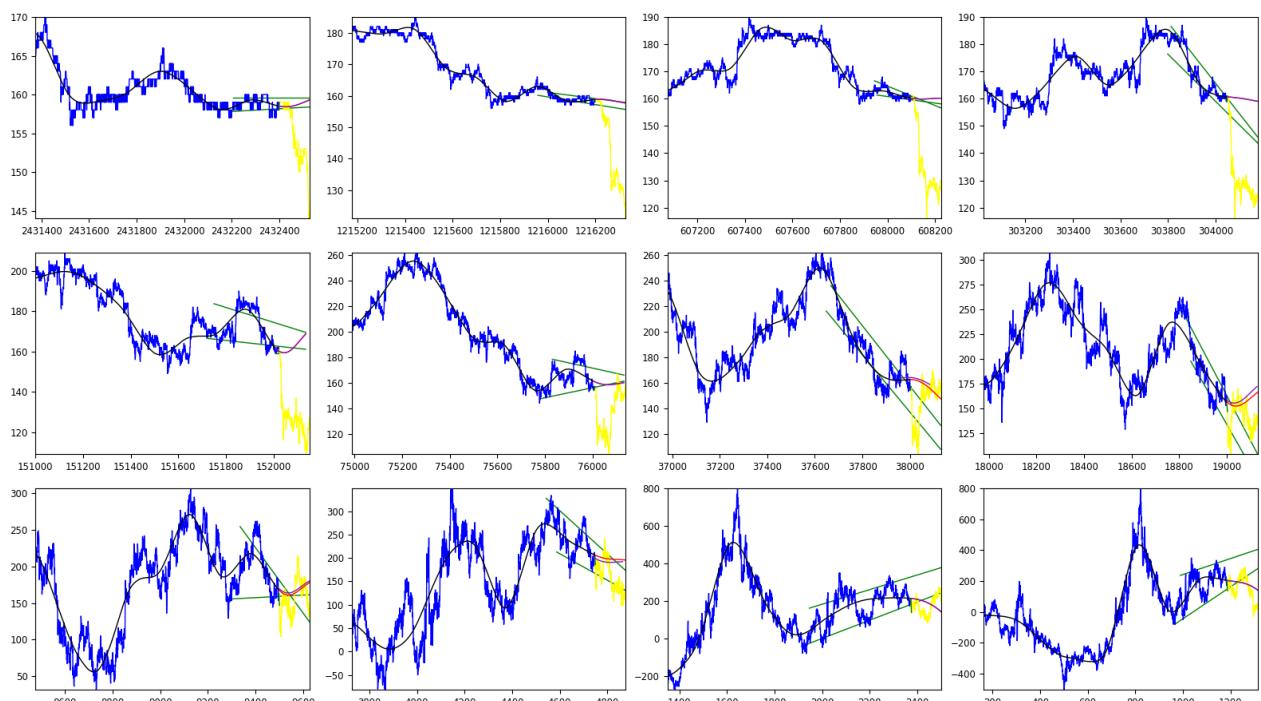


2432400: ptype: 5[0] 4[1] 5[2] 3[3] 7[4] 5[5] 3[6] 7[7,8] 3[9,10,11]

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

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

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



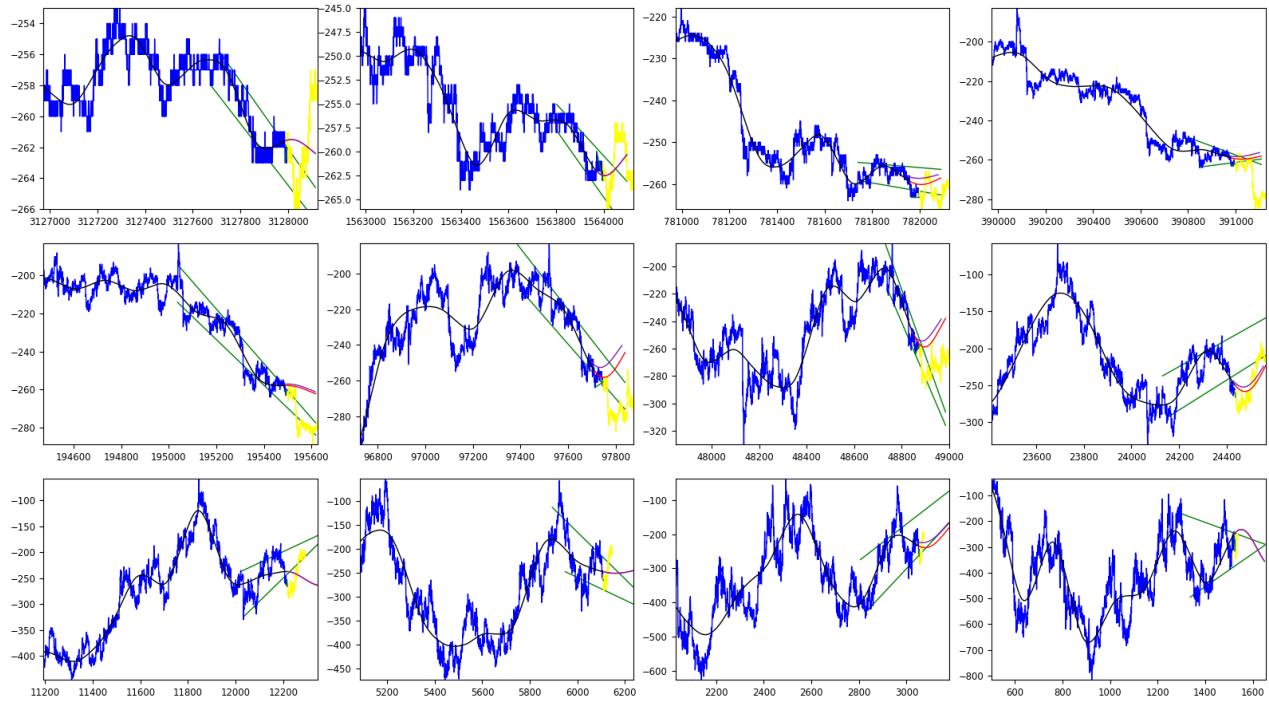
2.12 19 3127998 3128051

3127998: ptype: 4[0] 7[1] 5[2,3] 3[4] 7[5,6,7] 3[8] 5[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] 0[9] -1[10] 0[11]

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

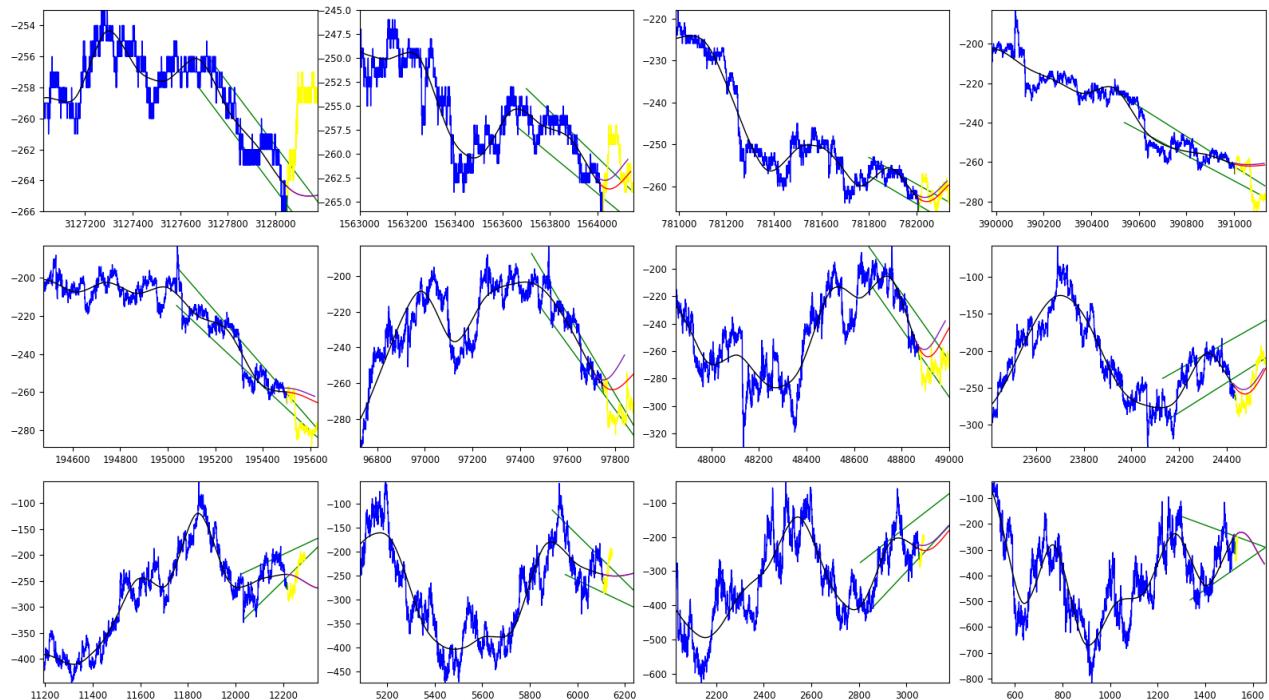


3128051: ptype: 5[0] 7[1,2] 5[3] 3[4] 7[5,6,7] 3[8] 5[9,10] 6[11]

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

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

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



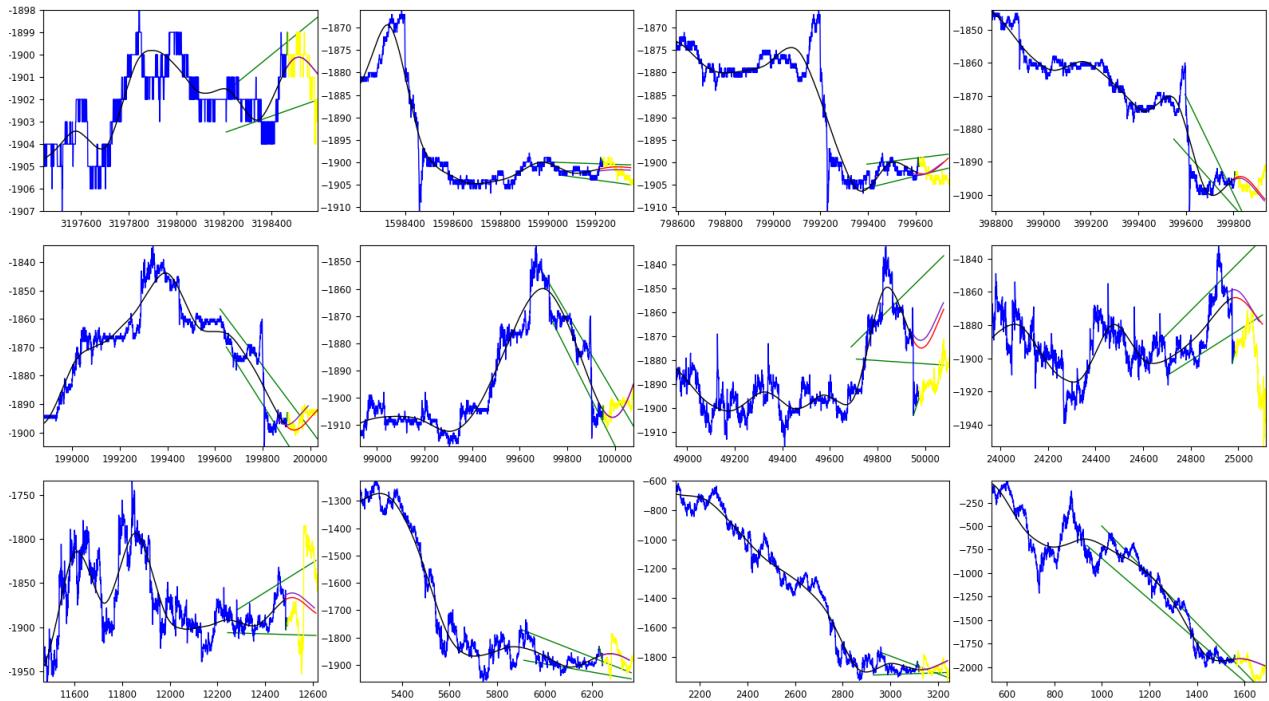
2.13 rb 3198467 3198582

3198467: ptype: 6[0] 4[1] 5[2] 6[3] 7[4,5,6] 3[7] 4[8,9] 5[10] 4[11]

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

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

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

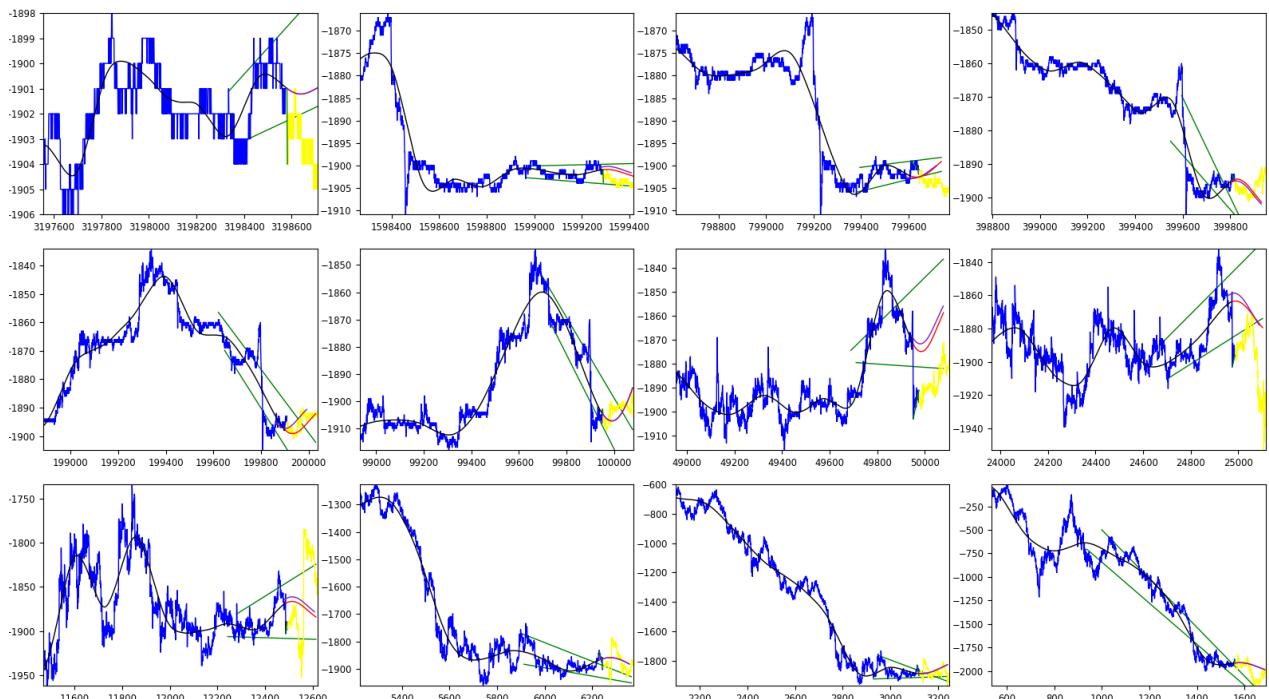


3198582: ptype: 5[0] 3[1] 5[2] 6[3] 7[4,5,6] 3[7] 4[8,9] 5[10] 4[11]

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

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

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



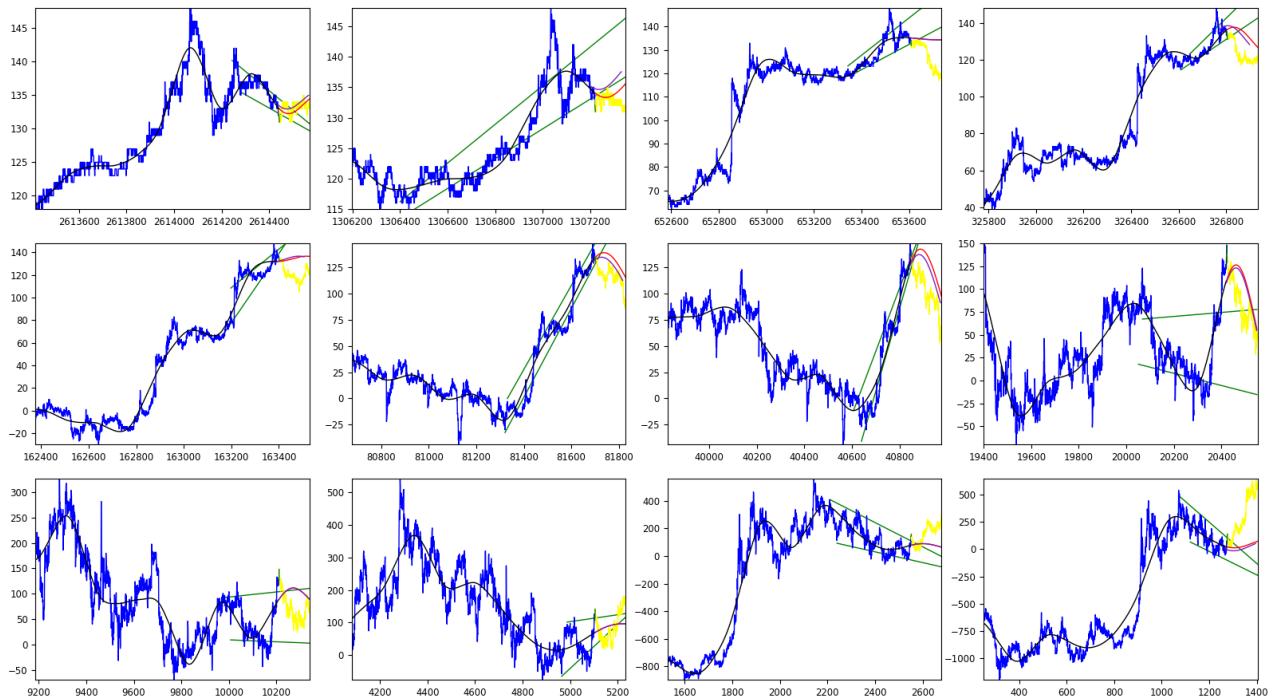
2.14 cu 2614443 2614550

2614443: ptype: 7[0,1] 3[2] 6[3] 2[4] 6[5,6,7,8] 2[9] 4[10] 5[11]

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

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

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

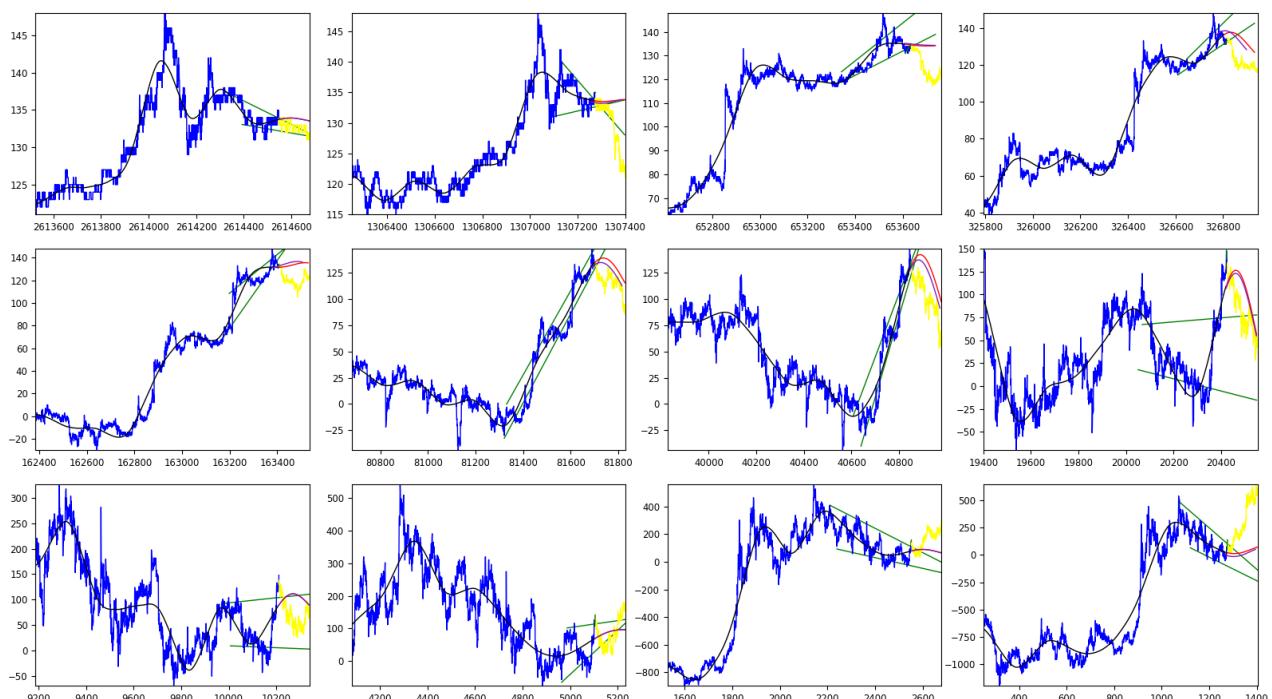


2614550: ptype: 4[0] 5[1] 3[2] 6[3] 2[4] 6[5,6,7,8] 2[9] 4[10] 5[11]

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

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

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



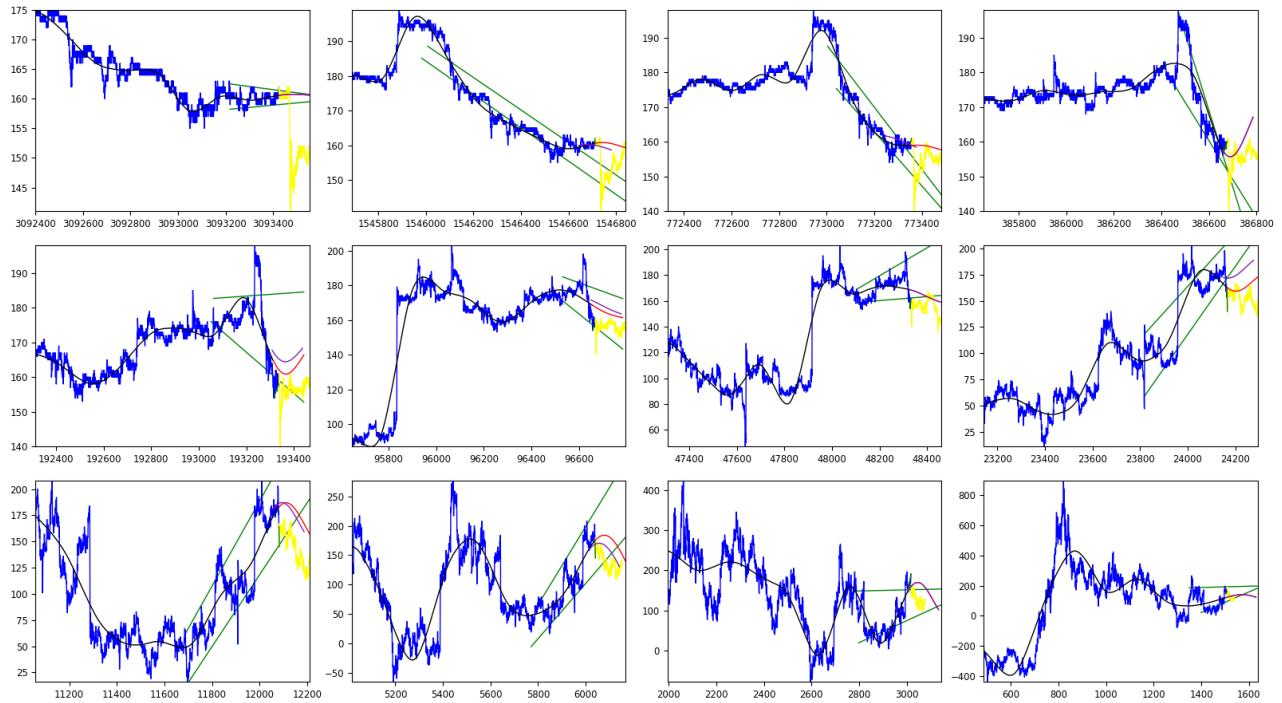
2.15 m9 3093426 3093473

3093426: ptype: 4[0,1] 3[2] 7[3,4] 3[5,6] 7[7] 6[8,9,10] 4[11]

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

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

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

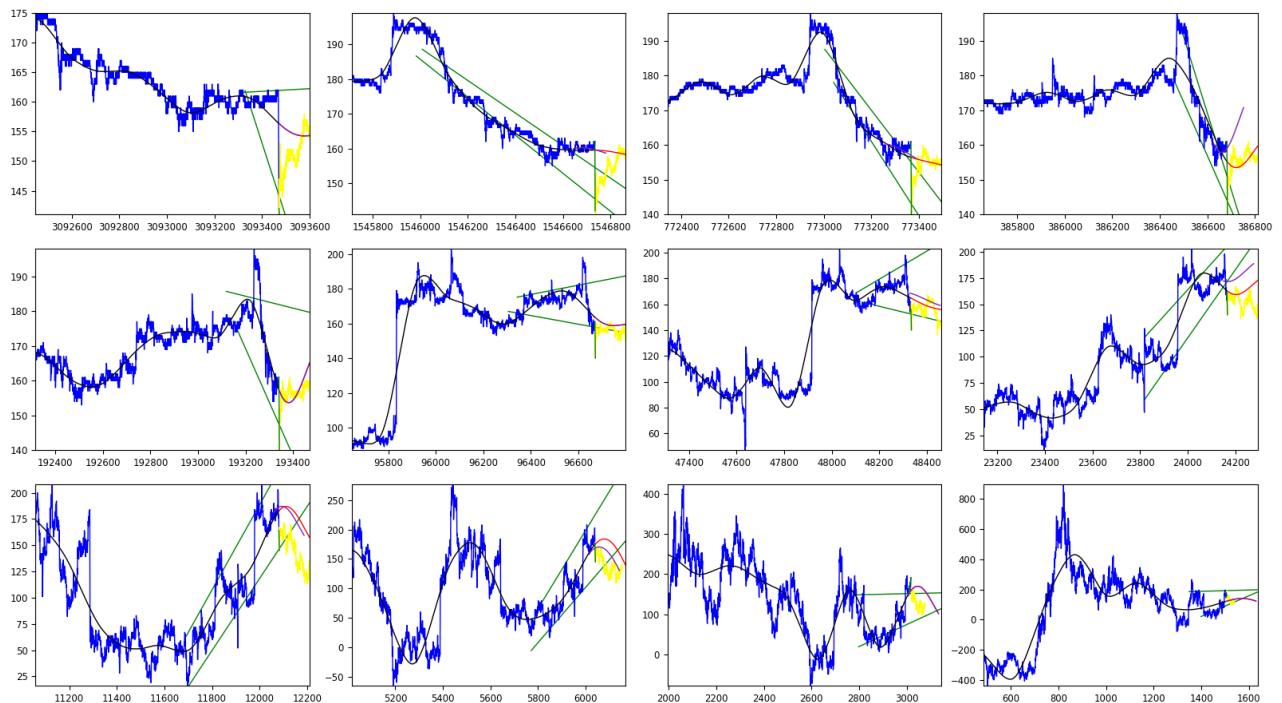


3093473: ptype: 5[0] 3[1,2] 7[3,4] 5[5] 3[6] 7[7] 6[8,9,10] 4[11]

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[9,10,11]

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



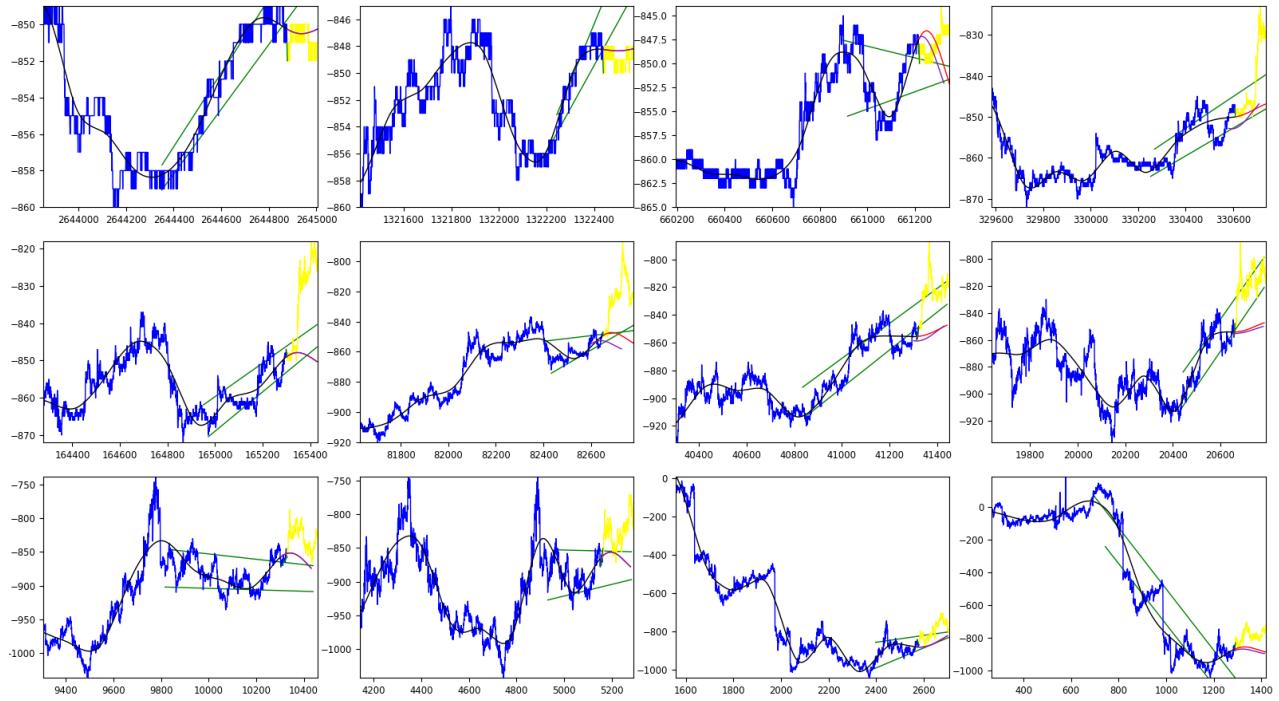
2.16 c9 2644878 2645100

2644878: ptype: 5[0,1] 6[2] 2[3] 6[4,5] 2[6,7] 6[8,9] 2[10] 4[11]

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

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

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

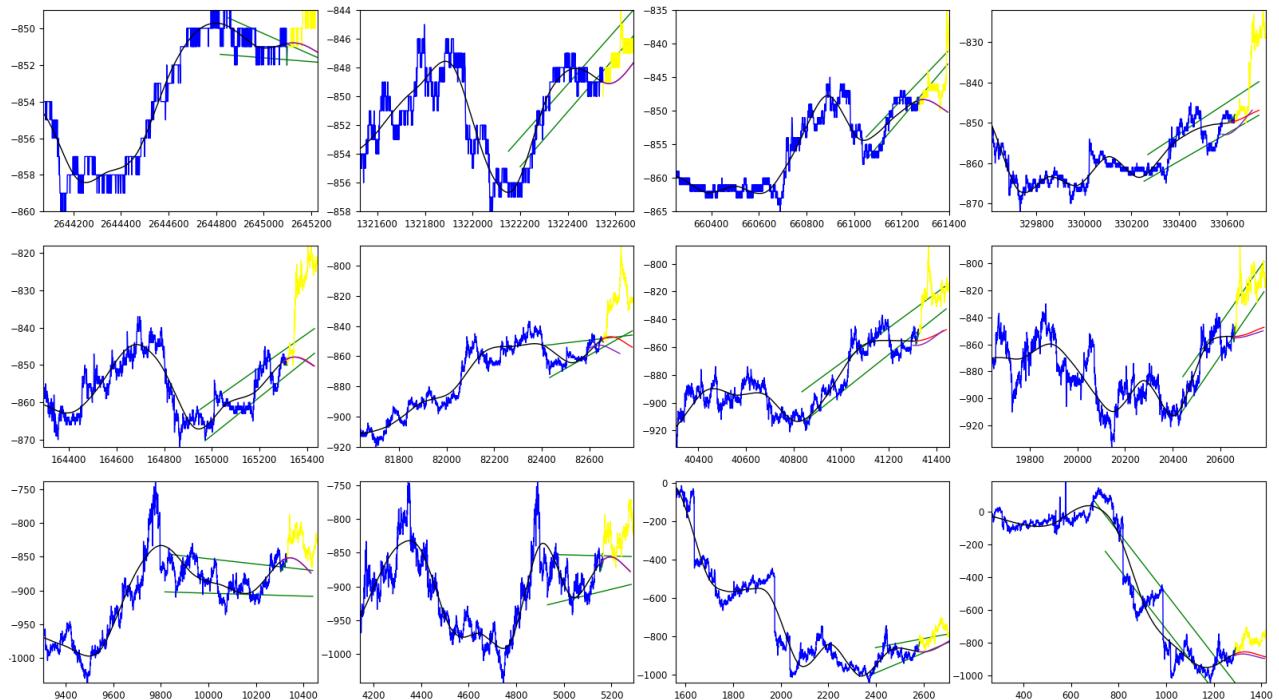


2645100: ptype: 4[0] 5[1] 4[2] 2[3] 6[4,5] 2[6,7] 6[8,9] 2[10] 4[11]

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

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

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



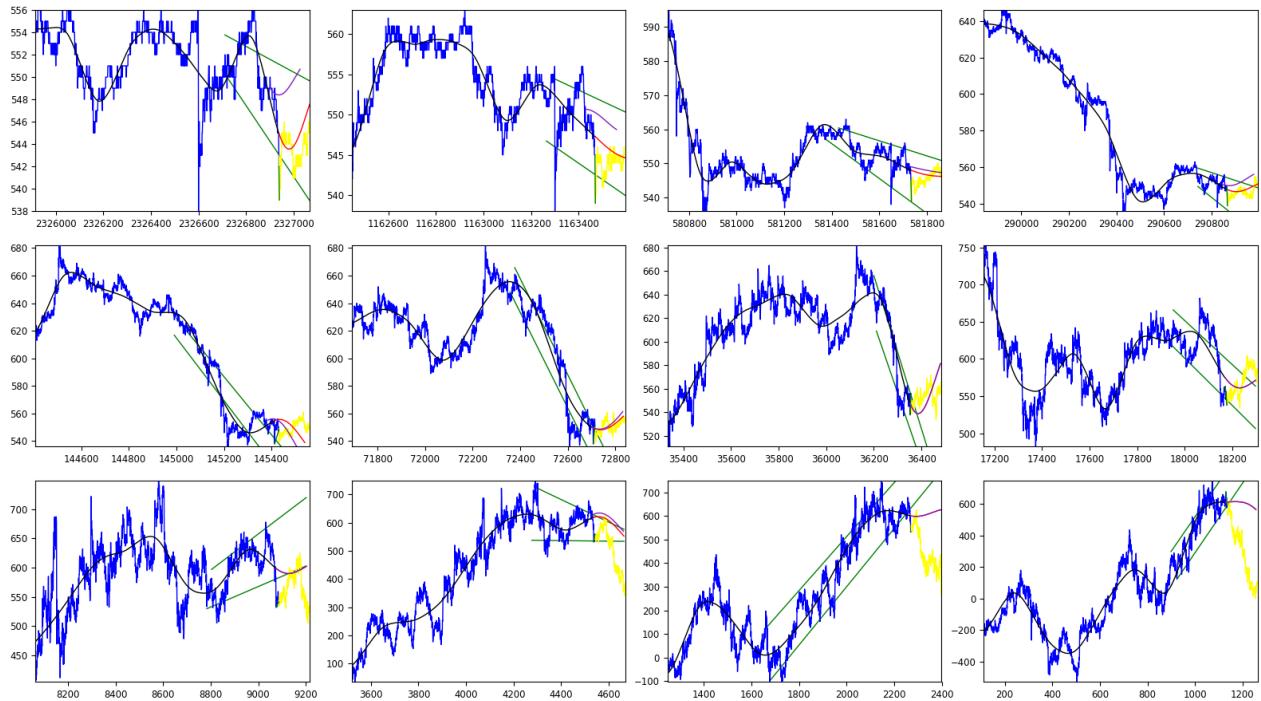
2.17 p9 2326940 2327050

2326940: ptype: 7[0] 3[1,2] 5[3] 4[4] 5[5] 7[6,7] 5[8] 4[9] 5[10] 3[11]

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

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

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

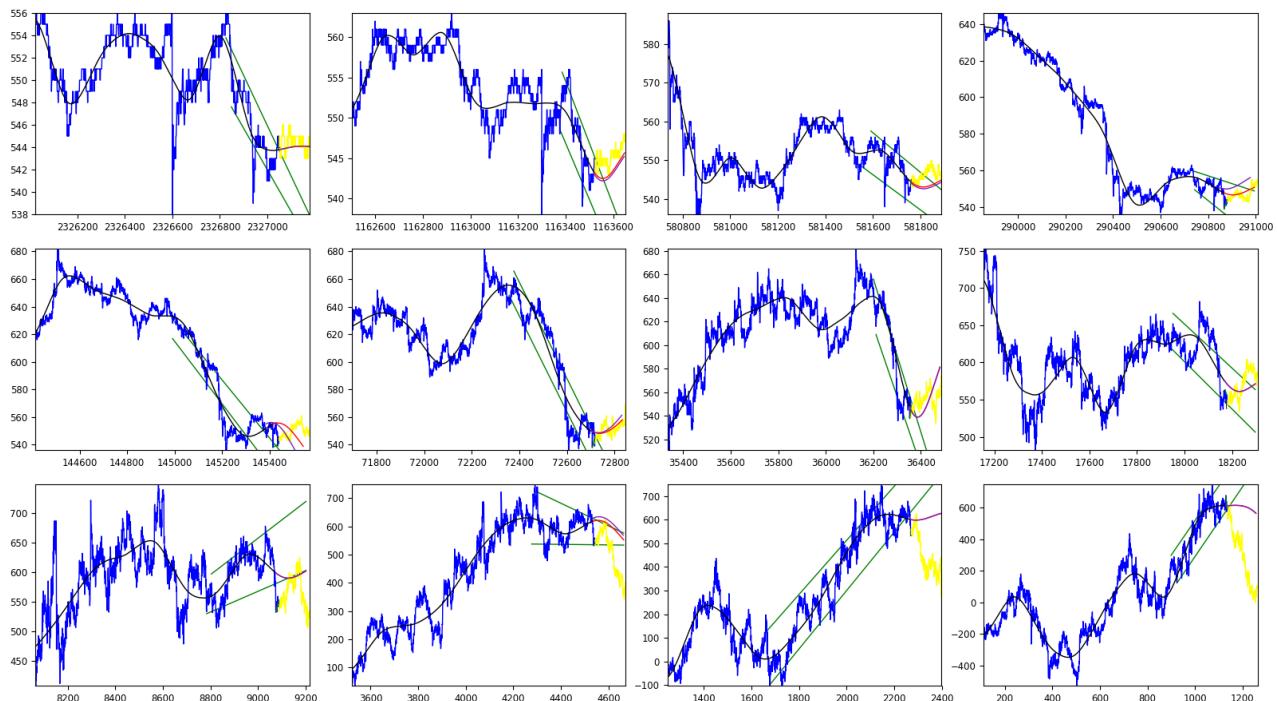


2327050: ptype: 4[0] 7[1] 5[2,3] 4[4] 5[5] 7[6,7] 5[8] 4[9] 5[10] 3[11]

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

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

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



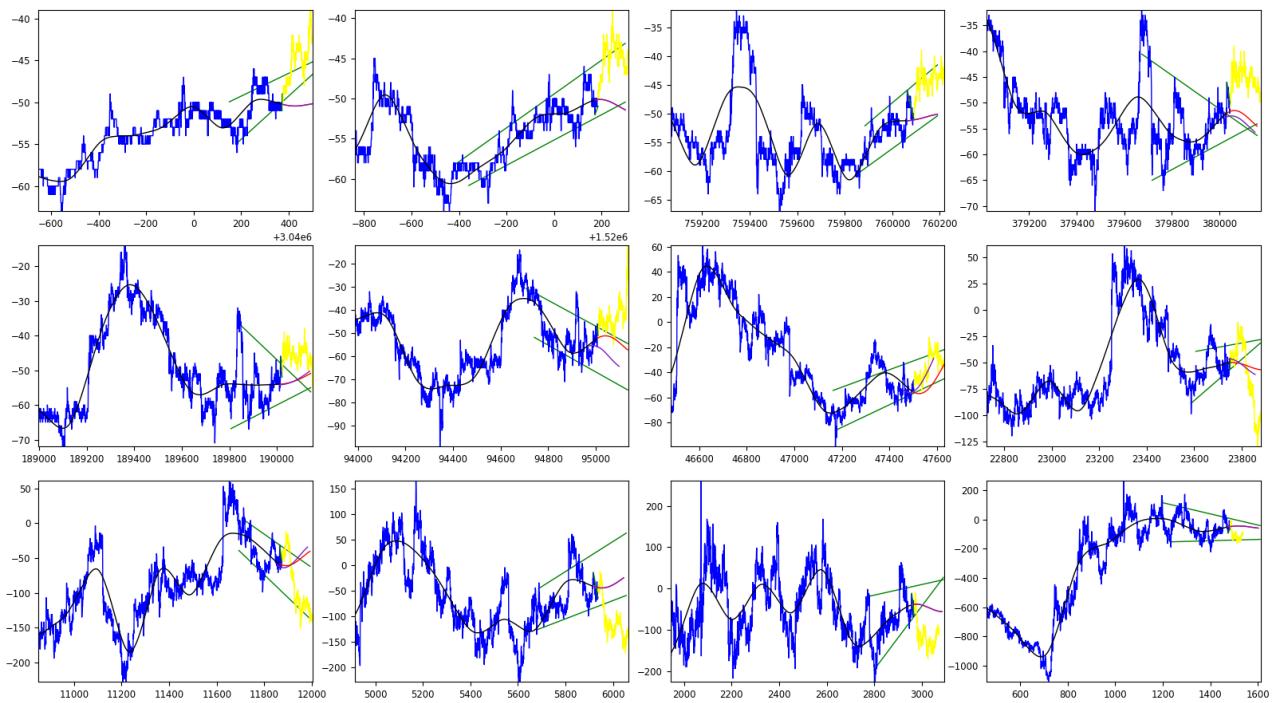
2.18 CF 3040373 3040450

3040373: ptype: 5[0] 4[1] 2[2] 6[3] 2[4] 6[5] 5[6] 3[7] 5[8,9] 4[10,11]

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

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

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

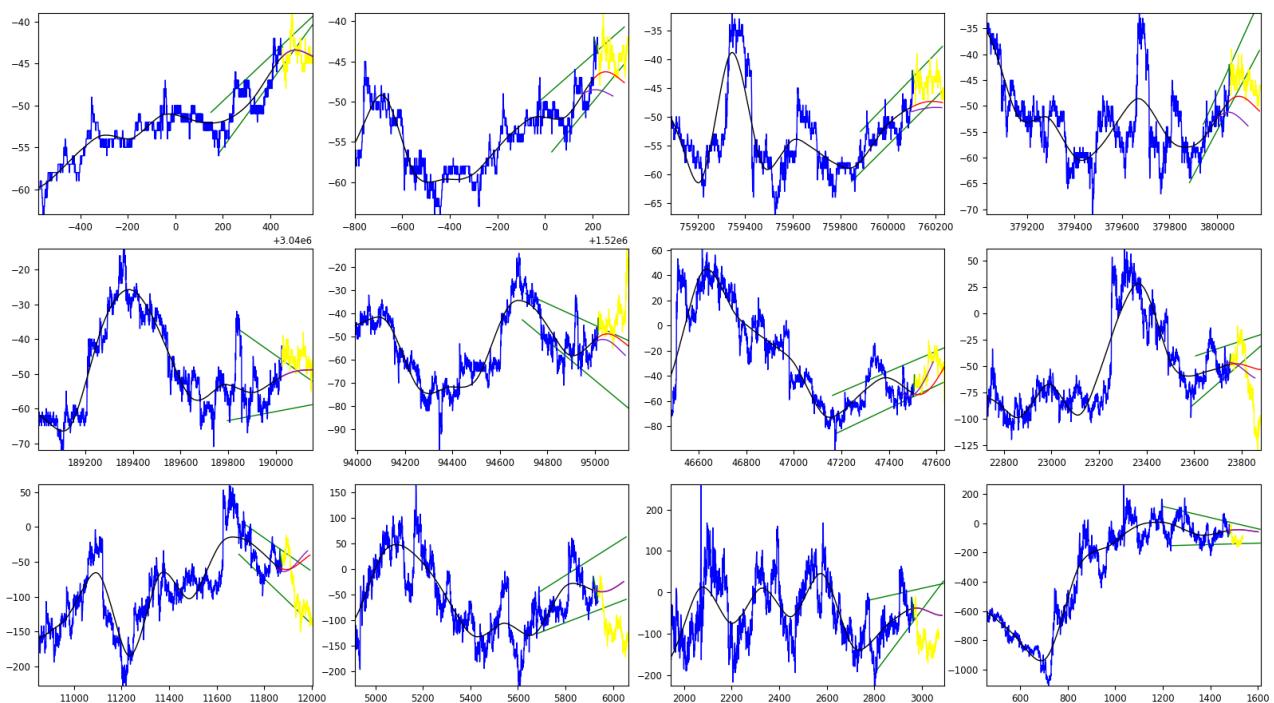


3040450: ptype: 4[0] 6[1] 4[2] 6[3] 2[4] 6[5] 5[6] 4[7] 5[8,9] 4[10,11]

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

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

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



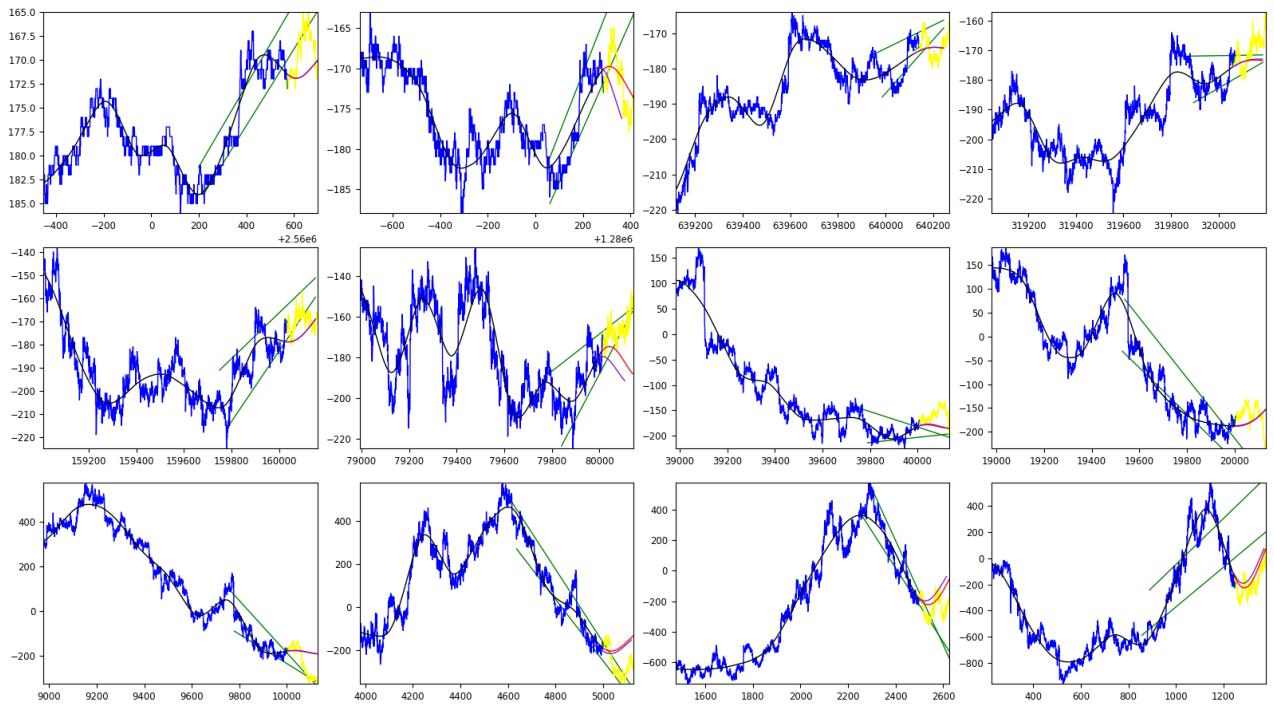
2.19 MA 2560572 2560650

2560572: ptype: 7[0] 6[1] 4[2] 2[3,4] 6[5] 4[6] 2[7] 4[8] 7[9,10,11]

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

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

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

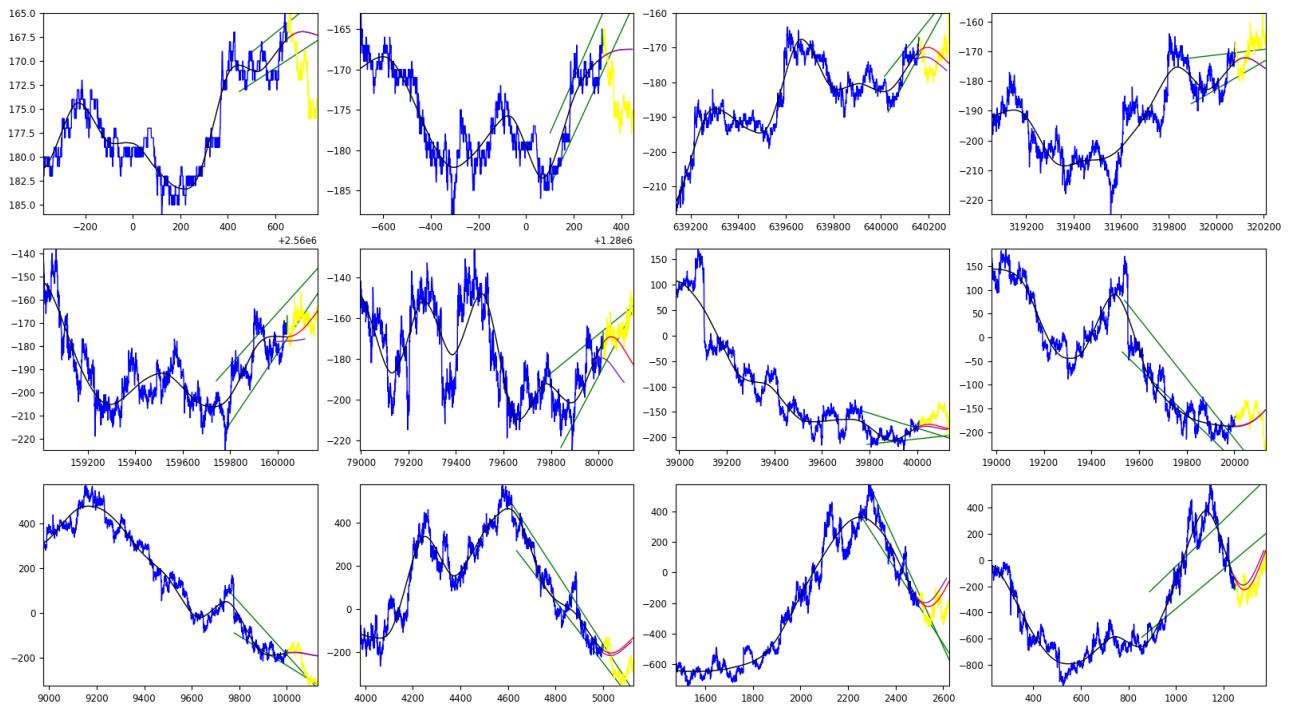


2560650: ptype: 4[0] 2[1] 6[2,3] 2[4] 6[5] 4[6] 2[7] 4[8] 7[9,10,11]

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

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

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



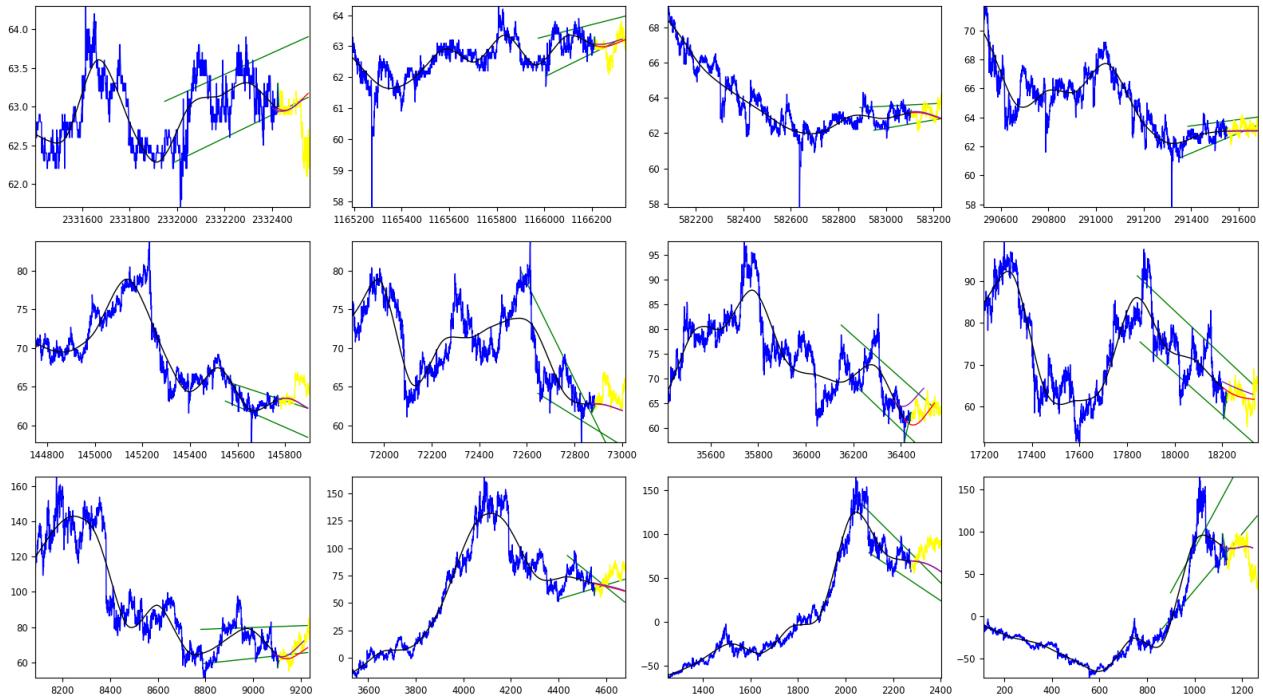
2.20 jm 2332430 2332521

2332430: ptype: 5[0,1] 4[2] 1[3] 4[4] 3[5] 7[6] 3[7] 7[8] 3[9,10,11]

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

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

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



2332521: ptype: 4[0] 5[1] 4[2] 1[3] 4[4] 3[5] 7[6] 3[7] 7[8] 3[9,10,11]

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

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

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

