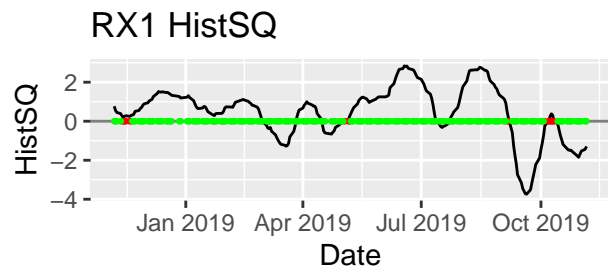
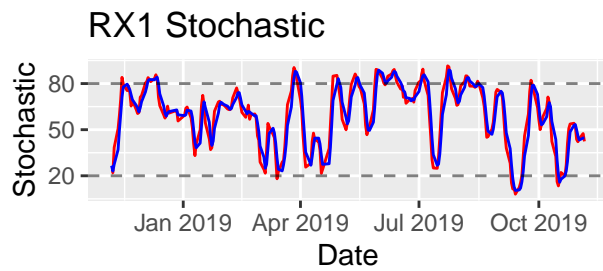
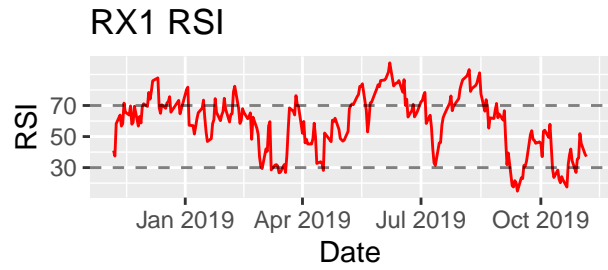
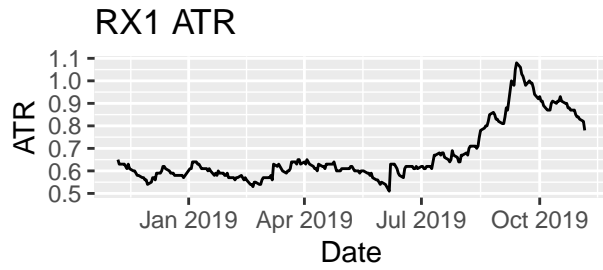
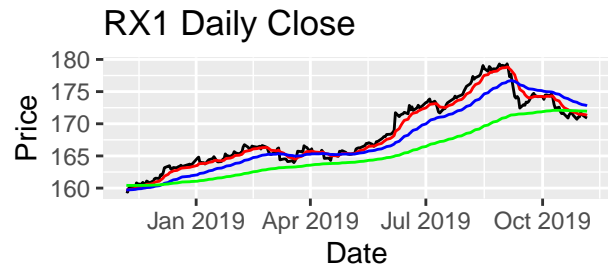
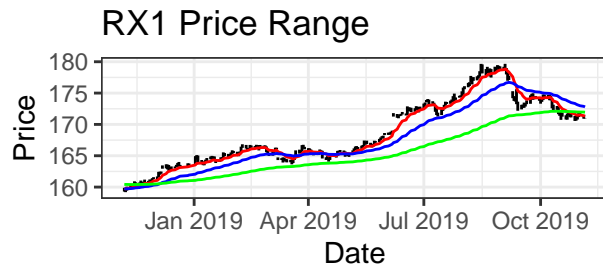


Trading SWAT Notebook

RX1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-10-08	174.24	174.69	173.86	174.67	0.87	0.06	174.35	174.94	172.05	57.89
2019-10-09	174.52	174.56	173.85	174.05	0.87	0.06	174.29	174.90	172.08	43.34
2019-10-10	174.06	174.14	172.57	173.00	0.90	0.06	174.06	174.81	172.09	28.96
2019-10-11	172.67	173.15	172.08	172.39	0.91	0.06	173.75	174.69	172.09	23.65
2019-10-14	172.38	172.94	172.32	172.58	0.90	0.05	173.54	174.59	172.10	28.42
2019-10-15	172.57	172.82	171.63	171.89	0.91	0.05	173.24	174.46	172.10	22.47
2019-10-16	171.72	172.29	171.37	171.58	0.91	0.04	172.94	174.32	172.09	20.24
2019-10-17	171.64	171.93	170.73	171.72	0.93	0.04	172.72	174.19	172.09	24.20
2019-10-18	171.73	171.88	171.24	171.49	0.91	0.04	172.49	174.06	172.08	22.10
2019-10-21	171.45	171.46	170.78	170.89	0.90	0.03	172.20	173.90	172.06	17.48
2019-10-22	170.88	171.73	170.76	171.42	0.90	0.03	172.06	173.78	172.05	32.10
2019-10-23	171.68	171.93	171.44	171.67	0.88	0.02	171.99	173.68	172.05	38.13
2019-10-24	171.55	171.96	171.16	171.83	0.88	0.02	171.96	173.59	172.04	41.97
2019-10-25	171.67	171.80	171.12	171.35	0.87	0.02	171.85	173.48	172.04	34.47
2019-10-28	171.26	171.35	170.56	170.70	0.87	0.02	171.64	173.34	172.02	26.88
2019-10-29	170.68	171.14	170.60	171.04	0.85	0.02	171.53	173.23	172.00	35.54
2019-10-30	171.05	171.36	170.79	171.06	0.84	0.02	171.45	173.13	171.99	36.06
2019-10-31	171.24	172.03	171.17	171.76	0.84	0.02	171.50	173.06	171.99	51.90
2019-11-01	171.84	171.99	171.35	171.42	0.83	0.03	171.49	172.98	171.98	45.51
2019-11-04	171.47	171.47	170.91	170.99	0.82	0.03	171.40	172.88	171.97	38.52
2019-11-05	170.90	170.94	170.89	170.90	0.78	0.04	171.31	172.79	171.95	37.12

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-10-08	173.53	173.85	174.08	174.40	174.63	174.95	175.27	90.68	71.25	64.44	0	0.25
2019-10-09	173.29	173.58	174.12	174.41	174.95	175.24	175.52	21.51	67.74	67.61	0	0.38
2019-10-10	173.04	173.44	173.75	174.15	174.46	174.86	175.27	19.72	56.04	65.01	0	0.31
2019-10-11	170.76	171.67	172.33	173.24	173.90	174.81	175.71	11.74	42.34	55.37	0	0.03
2019-10-14	170.86	171.47	171.93	172.54	173.00	173.61	174.22	19.16	32.56	43.65	1	-0.16
2019-10-15	171.67	171.99	172.29	172.61	172.91	173.23	173.56	8.87	16.20	30.37	1	-0.46
2019-10-16	170.22	170.92	171.41	172.11	172.60	173.30	174.01	7.58	13.42	20.73	1	-0.74
2019-10-17	170.28	170.83	171.20	171.75	172.12	172.67	173.21	40.91	17.65	15.76	1	-0.96
2019-10-18	169.79	170.26	170.99	171.46	172.19	172.66	173.13	34.39	22.18	17.75	1	-1.19
2019-10-21	170.55	170.90	171.19	171.54	171.83	172.18	172.52	7.66	19.88	19.91	1	-1.40
2019-10-22	169.95	170.36	170.63	171.04	171.31	171.72	172.14	44.23	26.95	23.01	1	-1.47
2019-10-23	169.91	170.33	170.88	171.30	171.85	172.27	172.70	78.33	41.10	29.31	1	-1.49
2019-10-24	170.94	171.19	171.43	171.68	171.92	172.17	172.42	89.17	50.76	39.60	1	-1.48
2019-10-25	170.54	170.85	171.34	171.65	172.14	172.45	172.76	49.17	53.71	48.52	1	-1.55
2019-10-28	170.37	170.74	171.05	171.42	171.73	172.10	172.48	10.00	54.18	52.88	1	-1.72
2019-10-29	169.60	170.08	170.39	170.87	171.18	171.66	172.14	34.29	52.19	53.36	1	-1.78
2019-10-30	170.17	170.39	170.71	170.93	171.25	171.47	171.68	35.71	43.67	50.01	1	-1.85
2019-10-31	170.21	170.50	170.78	171.07	171.35	171.64	171.93	81.63	42.16	46.01	1	-1.69
2019-11-01	170.42	170.79	171.28	171.65	172.14	172.51	172.89	58.50	44.03	43.28	1	-1.53
2019-11-04	170.54	170.95	171.18	171.59	171.82	172.23	172.63	27.27	47.48	44.56	1	-1.44
2019-11-05	170.22	170.56	170.78	171.12	171.34	171.68	172.03	8.87	42.40	44.64	1	-1.29

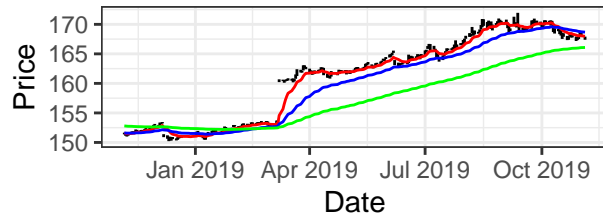


OAT1

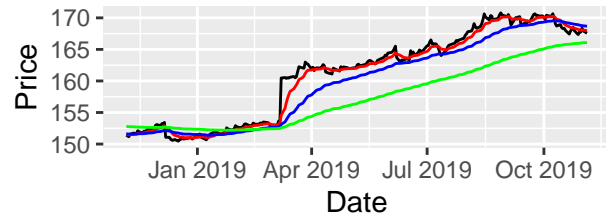
Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-10-07	170.33	170.61	170.15	170.23	0.81	0.04	170.17	169.49	165.37	53.35
2019-10-08	169.92	170.67	169.78	170.66	0.81	0.04	170.26	169.55	165.44	62.82
2019-10-09	170.49	170.59	169.94	170.11	0.81	0.04	170.23	169.58	165.51	47.77
2019-10-10	169.97	170.05	168.69	169.08	0.84	0.04	170.02	169.55	165.55	32.03
2019-10-11	168.84	169.32	168.44	168.70	0.84	0.04	169.78	169.51	165.60	27.98
2019-10-14	169.01	169.24	168.84	168.95	0.82	0.03	169.63	169.48	165.64	34.58
2019-10-15	168.99	169.23	168.34	168.46	0.83	0.03	169.42	169.43	165.68	28.78
2019-10-16	168.45	168.99	168.10	168.29	0.83	0.03	169.21	169.38	165.72	26.40
2019-10-17	168.50	168.56	167.53	168.35	0.84	0.03	169.06	169.33	165.76	29.50
2019-10-18	168.48	168.48	167.90	168.01	0.83	0.03	168.87	169.26	165.79	23.99
2019-10-21	167.92	168.04	167.33	167.43	0.82	0.02	168.60	169.17	165.81	18.91
2019-10-22	167.40	168.01	167.38	167.92	0.81	0.02	168.48	169.11	165.84	33.57
2019-10-23	168.16	168.51	168.04	168.23	0.80	0.02	168.43	169.07	165.87	42.05
2019-10-24	168.07	168.60	167.76	168.50	0.80	0.02	168.45	169.04	165.91	47.36
2019-10-25	168.36	168.44	167.78	167.97	0.80	0.02	168.36	168.99	165.94	38.69
2019-10-28	167.84	167.93	167.18	167.35	0.80	0.02	168.18	168.91	165.96	30.78
2019-10-29	167.35	167.86	167.33	167.76	0.79	0.02	168.10	168.85	165.98	40.42
2019-10-30	167.76	167.98	167.51	167.74	0.77	0.02	168.04	168.80	166.00	39.15
2019-10-31	168.03	168.68	167.99	168.38	0.78	0.02	168.10	168.78	166.04	52.96
2019-11-01	168.37	168.54	167.84	167.92	0.77	0.02	168.07	168.74	166.06	44.38
2019-11-04	167.88	167.92	167.39	167.57	0.76	0.02	167.98	168.68	166.08	39.67

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-10-07	169.84	170.07	170.21	170.44	170.58	170.81	171.04	67.14	61.14	56.78	0	0.26
2019-10-08	169.59	169.87	170.05	170.33	170.51	170.79	171.07	97.39	70.62	62.63	0	0.36
2019-10-09	169.18	169.48	170.07	170.37	170.96	171.26	171.56	36.26	71.30	67.69	0	0.39
2019-10-10	169.19	169.56	169.84	170.21	170.49	170.86	171.24	19.70	59.24	67.05	0	0.27
2019-10-11	167.14	167.91	168.50	169.27	169.86	170.63	171.41	11.66	46.43	58.99	0	-0.02
2019-10-14	167.44	167.94	168.32	168.82	169.20	169.70	170.20	22.87	37.58	47.75	1	-0.22
2019-10-15	168.38	168.61	168.78	169.01	169.18	169.41	169.64	5.33	19.16	34.39	1	-0.51
2019-10-16	167.23	167.79	168.12	168.68	169.01	169.57	170.12	9.74	13.86	23.53	1	-0.75
2019-10-17	167.04	167.57	167.93	168.46	168.82	169.35	169.88	45.81	19.08	17.37	1	-0.95
2019-10-18	166.70	167.12	167.73	168.15	168.76	169.18	169.59	28.07	22.37	18.44	1	-1.18
2019-10-21	167.20	167.55	167.78	168.13	168.36	168.71	169.06	5.26	18.84	20.10	1	-1.37
2019-10-22	166.45	166.89	167.16	167.60	167.87	168.31	168.75	35.54	24.89	22.03	1	-1.43
2019-10-23	166.90	167.14	167.53	167.77	168.16	168.40	168.64	73.17	37.57	27.10	1	-1.41
2019-10-24	167.54	167.79	168.01	168.26	168.48	168.73	168.98	92.13	46.83	36.43	1	-1.32
2019-10-25	167.13	167.45	167.97	168.29	168.81	169.13	169.44	50.39	51.30	45.23	1	-1.32
2019-10-28	167.03	167.40	167.69	168.06	168.35	168.72	169.10	11.97	52.64	50.26	1	-1.40
2019-10-29	166.29	166.74	167.04	167.49	167.79	168.24	168.68	40.85	53.70	52.55	1	-1.40
2019-10-30	166.91	167.12	167.44	167.65	167.97	168.18	168.39	39.44	46.95	51.10	1	-1.41
2019-10-31	167.04	167.27	167.51	167.74	167.98	168.21	168.45	80.00	44.53	48.40	1	-1.23
2019-11-01	167.33	167.66	168.02	168.35	168.71	169.04	169.37	49.33	44.32	45.27	1	-1.13
2019-11-04	166.96	167.40	167.66	168.10	168.36	168.80	169.24	17.78	45.48	44.78	1	-1.09

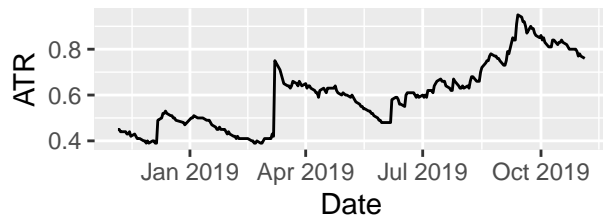
OAT1 Price Range



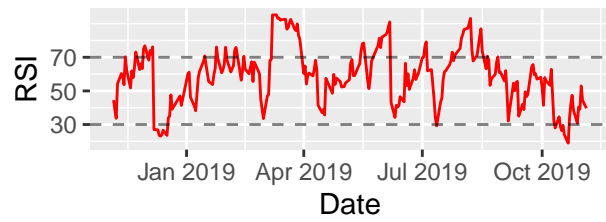
OAT1 Daily Close



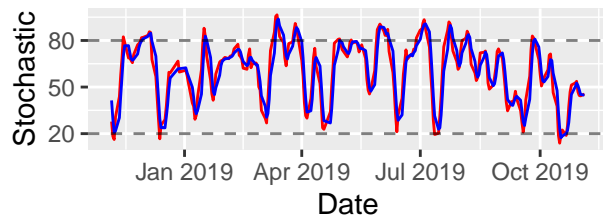
OAT1 ATR



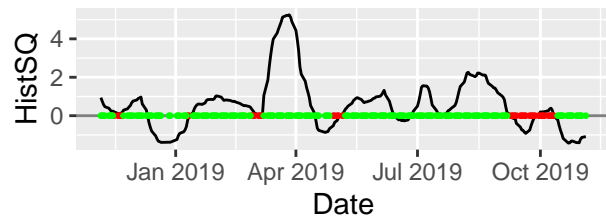
OAT1 RSI



OAT1 Stochastic



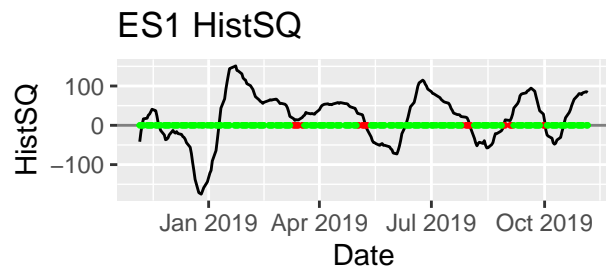
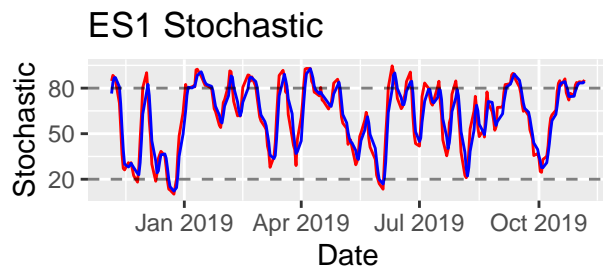
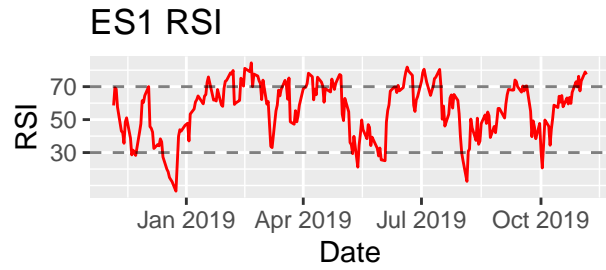
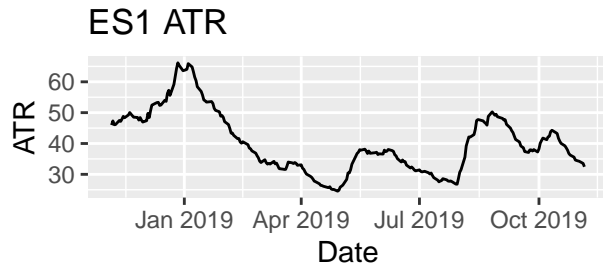
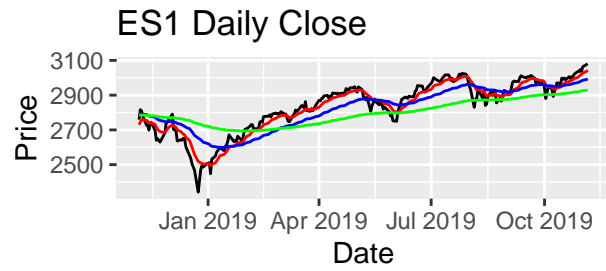
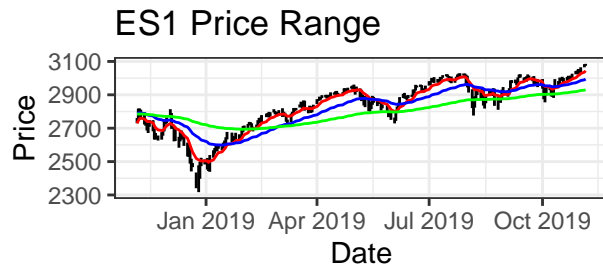
OAT1 HistSQ



ES1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-10-08	2934.50	2950.00	2890.50	2892.50	42.15	1.89	2937.38	2950.21	2903.67	34.45
2019-10-09	2893.50	2934.25	2888.25	2919.00	42.34	1.79	2934.04	2948.69	2903.88	44.24
2019-10-10	2920.50	2954.00	2881.75	2941.00	43.84	1.92	2935.30	2948.31	2904.39	50.65
2019-10-11	2949.00	2994.00	2941.75	2970.75	44.29	2.14	2941.75	2949.41	2905.31	58.77
2019-10-14	2968.00	2982.50	2953.75	2965.50	43.52	2.28	2946.07	2950.19	2906.14	57.34
2019-10-15	2966.75	3003.25	2966.50	2997.75	43.23	2.38	2955.46	2952.51	2907.40	64.19
2019-10-16	2996.50	2997.75	2984.75	2991.50	41.72	2.38	2962.02	2954.41	2908.56	60.58
2019-10-17	2992.25	3008.00	2985.25	2998.00	40.77	2.36	2968.56	2956.54	2909.80	64.61
2019-10-18	2997.75	3001.25	2975.00	2988.25	40.04	2.26	2972.14	2958.09	2910.88	57.78
2019-10-21	2984.75	3007.50	2983.75	3006.50	39.23	2.15	2978.39	2960.45	2912.20	63.16
2019-10-22	3006.50	3014.25	2988.25	2994.50	38.57	2.12	2981.32	2962.11	2913.33	59.49
2019-10-23	2992.00	3006.00	2982.00	3005.75	37.84	2.12	2985.76	2964.24	2914.61	63.46
2019-10-24	3006.00	3015.25	2998.75	3004.25	36.77	2.18	2989.12	2966.19	2915.84	59.81
2019-10-25	3003.75	3026.50	3000.00	3020.25	36.26	2.31	2994.78	2968.83	2917.28	66.53
2019-10-28	3023.00	3042.75	3022.75	3036.25	35.57	2.45	3002.32	2972.12	2918.93	72.99
2019-10-29	3038.25	3046.25	3029.50	3035.75	34.63	2.71	3008.40	2975.22	2920.54	69.83
2019-10-30	3036.50	3055.00	3023.25	3047.75	34.49	2.97	3015.55	2978.76	2922.29	76.28
2019-10-31	3051.75	3052.00	3020.25	3035.75	34.35	3.19	3019.23	2981.54	2923.86	67.40
2019-11-01	3036.00	3065.00	3033.00	3063.25	34.23	3.35	3027.23	2985.52	2925.78	73.37
2019-11-04	3064.75	3083.75	3064.75	3075.75	33.54	3.52	3036.05	2989.93	2927.85	78.92
2019-11-05	3076.75	3085.75	3074.00	3080.25	32.45	3.69	3044.09	2994.33	2929.95	77.39

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-10-08	2892.33	2910.17	2923.83	2941.67	2955.33	2973.17	2991.00	35.89	41.98	36.68	1	-44.60
2019-10-09	2812.50	2851.50	2872.00	2911.00	2931.50	2970.50	3009.50	61.24	53.15	43.40	1	-47.99
2019-10-10	2847.42	2867.83	2893.42	2913.83	2939.42	2959.83	2980.25	76.21	60.26	51.80	1	-45.59
2019-10-11	2824.92	2853.33	2897.17	2925.58	2969.42	2997.83	3026.25	79.29	62.35	58.59	1	-37.50
2019-10-14	2891.42	2916.58	2943.67	2968.83	2995.92	3021.08	3046.25	74.61	65.45	62.69	1	-30.86
2019-10-15	2923.25	2938.50	2952.00	2967.25	2980.75	2996.00	3011.25	95.47	77.36	68.39	1	-17.65
2019-10-16	2938.33	2952.42	2975.08	2989.17	3011.83	3025.92	3040.00	90.33	83.18	75.33	1	-5.84
2019-10-17	2971.92	2978.33	2984.92	2991.33	2997.92	3004.33	3010.75	84.91	84.92	81.82	1	7.23
2019-10-18	2963.42	2974.33	2986.17	2997.08	3008.92	3019.83	3030.75	63.59	81.78	83.29	1	19.15
2019-10-21	2948.83	2961.92	2975.08	2988.17	3001.33	3014.42	3027.50	96.39	86.14	84.28	1	32.74
2019-10-22	2967.25	2975.50	2991.00	2999.25	3014.75	3023.00	3031.25	49.68	76.98	81.63	1	40.02
2019-10-23	2957.75	2973.00	2983.75	2999.00	3009.75	3025.00	3040.25	78.34	74.58	79.23	1	50.23
2019-10-24	2965.83	2973.92	2989.83	2997.92	3013.83	3021.92	3030.00	72.67	72.14	74.57	1	58.35
2019-10-25	2980.42	2989.58	2996.92	3006.08	3013.42	3022.58	3031.75	85.96	76.61	74.44	1	66.15
2019-10-28	2978.17	2989.08	3004.67	3015.58	3031.17	3042.08	3053.00	89.30	75.19	74.64	1	76.26
2019-10-29	3005.08	3013.92	3025.08	3033.92	3045.08	3053.92	3062.75	83.66	81.99	77.93	1	80.65
2019-10-30	3011.33	3020.42	3028.08	3037.17	3044.83	3053.92	3063.00	87.11	83.74	80.30	1	80.44
2019-10-31	2997.25	3010.25	3029.00	3042.00	3060.75	3073.75	3086.75	65.00	82.20	82.64	1	78.14
2019-11-01	2988.25	3004.25	3020.00	3036.00	3051.75	3067.75	3083.75	96.09	84.23	83.39	1	82.62
2019-11-04	3010.50	3021.75	3042.50	3053.75	3074.50	3085.75	3097.00	87.40	83.85	83.43	1	85.67
2019-11-05	3046.75	3055.75	3065.75	3074.75	3084.75	3093.75	3102.75	91.60	85.44	84.51	1	83.41

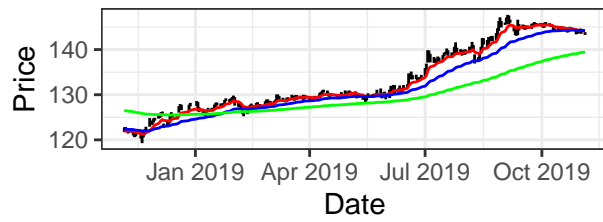


IK1

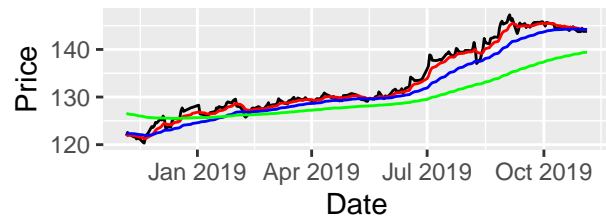
Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-10-07	145.50	145.83	145.26	145.37	1.08	0.15	145.45	144.01	137.82	49.32
2019-10-08	145.20	145.58	145.06	145.43	1.05	0.16	145.45	144.08	137.92	50.63
2019-10-09	145.42	145.50	145.00	145.19	1.02	0.17	145.40	144.13	138.02	45.16
2019-10-10	145.03	145.18	144.04	144.20	1.03	0.17	145.18	144.14	138.11	29.72
2019-10-11	144.20	144.67	144.08	144.38	1.01	0.16	145.04	144.15	138.19	34.47
2019-10-14	144.70	144.91	144.40	144.71	0.98	0.16	144.98	144.18	138.28	42.75
2019-10-15	144.77	145.03	144.22	144.37	0.97	0.15	144.87	144.19	138.37	37.12
2019-10-16	144.52	145.14	144.38	144.66	0.96	0.14	144.83	144.21	138.46	44.41
2019-10-17	144.46	145.06	144.36	144.92	0.95	0.14	144.85	144.24	138.54	50.43
2019-10-18	144.77	145.06	144.55	144.65	0.93	0.13	144.81	144.26	138.63	44.58
2019-10-21	144.63	144.72	143.77	143.97	0.93	0.12	144.66	144.25	138.70	33.26
2019-10-22	143.88	144.99	143.87	144.72	0.94	0.11	144.67	144.27	138.79	49.70
2019-10-23	144.86	145.04	144.21	144.43	0.93	0.10	144.63	144.28	138.86	44.73
2019-10-24	144.31	144.91	144.17	144.79	0.92	0.09	144.66	144.31	138.94	51.72
2019-10-25	144.65	144.79	144.20	144.34	0.91	0.08	144.60	144.31	139.02	43.66
2019-10-28	144.00	144.13	143.37	143.71	0.91	0.08	144.44	144.28	139.08	34.81
2019-10-29	143.52	143.94	143.52	143.89	0.89	0.07	144.34	144.26	139.15	38.94
2019-10-30	143.84	143.90	143.58	143.72	0.86	0.07	144.22	144.23	139.21	36.40
2019-10-31	144.12	144.64	144.04	144.47	0.86	0.07	144.27	144.24	139.29	52.38
2019-11-01	144.55	144.61	143.50	143.80	0.87	0.06	144.18	144.22	139.35	41.51
2019-11-04	143.62	143.86	143.25	143.81	0.86	0.06	144.12	144.20	139.41	41.72

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-10-07	144.80	145.15	145.39	145.74	145.98	146.33	146.69	42.52	45.55	49.25	0	0.41
2019-10-08	144.57	144.92	145.14	145.49	145.71	146.06	146.40	47.24	46.88	47.55	0	0.31
2019-10-09	144.61	144.84	145.13	145.36	145.65	145.88	146.10	24.79	50.53	47.65	0	0.21
2019-10-10	144.46	144.73	144.96	145.23	145.46	145.73	146.00	7.77	36.91	44.77	0	0.05
2019-10-11	142.63	143.33	143.77	144.47	144.91	145.61	146.32	18.99	28.26	38.57	0	-0.10
2019-10-14	143.49	143.79	144.08	144.38	144.67	144.97	145.26	43.51	28.46	31.21	0	-0.13
2019-10-15	143.93	144.16	144.44	144.67	144.95	145.18	145.42	22.60	23.53	26.75	0	-0.31
2019-10-16	143.24	143.73	144.05	144.54	144.86	145.35	145.84	54.39	29.45	27.15	0	-0.38
2019-10-17	143.55	143.97	144.31	144.73	145.07	145.49	145.90	79.25	43.75	32.24	0	-0.41
2019-10-18	143.80	144.08	144.50	144.78	145.20	145.48	145.76	46.74	49.30	40.83	0	-0.51
2019-10-21	143.94	144.24	144.45	144.75	144.96	145.26	145.57	14.60	43.51	45.52	0	-0.65
2019-10-22	142.64	143.20	143.59	144.15	144.54	145.10	145.67	69.34	52.86	48.56	0	-0.63
2019-10-23	142.94	143.41	144.06	144.53	145.18	145.65	146.11	51.16	52.22	49.53	0	-0.65
2019-10-24	143.25	143.73	144.08	144.56	144.91	145.39	145.87	79.07	52.18	52.42	0	-0.59
2019-10-25	143.60	143.88	144.34	144.62	145.08	145.36	145.65	44.88	51.81	52.07	0	-0.61
2019-10-28	143.51	143.85	144.10	144.44	144.69	145.03	145.38	20.36	52.96	52.32	0	-0.69
2019-10-29	142.58	142.98	143.34	143.74	144.10	144.50	144.89	31.14	45.32	50.03	0	-0.75
2019-10-30	143.21	143.36	143.63	143.78	144.05	144.20	144.36	22.73	39.64	45.97	0	-0.87
2019-10-31	143.25	143.41	143.57	143.73	143.89	144.05	144.22	77.46	39.31	41.42	0	-0.74
2019-11-01	143.53	143.78	144.13	144.38	144.73	144.98	145.24	33.86	37.11	38.69	0	-0.71
2019-11-04	142.22	142.86	143.33	143.97	144.44	145.08	145.72	40.29	41.10	39.17	0	-0.67

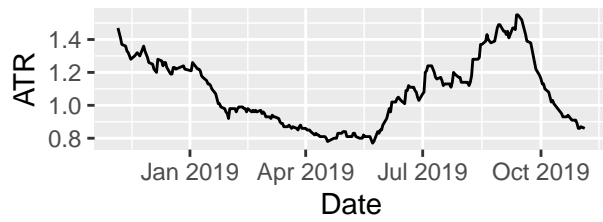
IK1 Price Range



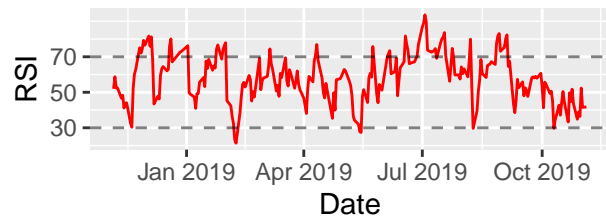
IK1 Daily Close



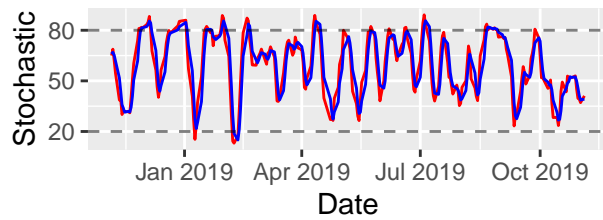
IK1 ATR



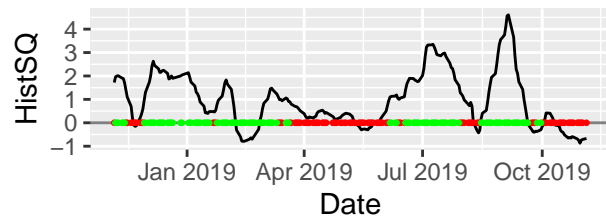
IK1 RSI



IK1 Stochastic



IK1 HistSQ

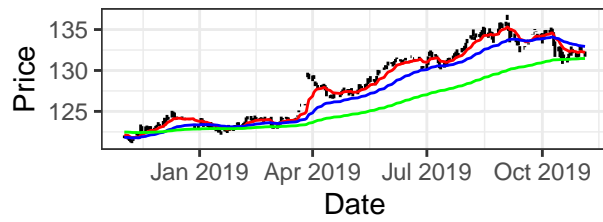


G 1

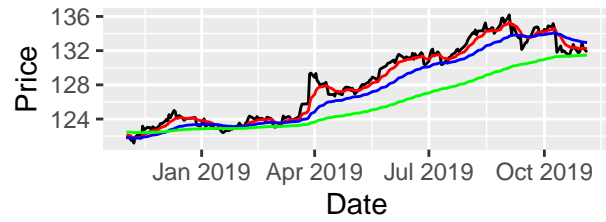
Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-10-07	134.80	134.95	134.61	134.76	0.64	0.05	134.45	134.01	131.16	59.08
2019-10-08	134.62	135.24	134.51	135.17	0.65	0.05	134.58	134.07	131.22	66.61
2019-10-09	135.01	135.10	134.50	134.62	0.65	0.05	134.59	134.09	131.27	52.53
2019-10-10	134.50	134.67	132.99	133.62	0.70	0.04	134.41	134.07	131.30	35.73
2019-10-11	133.20	133.55	131.66	131.80	0.76	0.04	133.94	133.96	131.30	21.32
2019-10-14	132.48	132.90	132.34	132.54	0.78	0.04	133.68	133.89	131.32	33.75
2019-10-15	132.52	132.95	131.64	131.86	0.81	0.05	133.35	133.79	131.33	29.02
2019-10-16	132.12	132.84	131.47	132.01	0.84	0.06	133.11	133.70	131.34	31.75
2019-10-17	132.18	132.28	130.80	131.92	0.87	0.07	132.89	133.62	131.35	30.71
2019-10-18	131.82	131.95	131.43	131.75	0.85	0.08	132.68	133.53	131.35	29.30
2019-10-21	131.62	131.62	130.98	131.39	0.85	0.08	132.45	133.42	131.35	25.64
2019-10-22	131.40	132.03	131.34	131.97	0.84	0.09	132.36	133.35	131.36	38.73
2019-10-23	132.33	132.48	131.95	132.18	0.82	0.09	132.33	133.29	131.37	42.81
2019-10-24	132.19	132.93	131.80	132.73	0.84	0.09	132.40	133.27	131.39	53.23
2019-10-25	132.45	132.64	132.10	132.36	0.83	0.08	132.39	133.22	131.40	47.11
2019-10-28	132.12	132.31	131.61	131.76	0.82	0.08	132.28	133.15	131.41	37.71
2019-10-29	131.78	132.13	131.58	131.83	0.81	0.08	132.20	133.09	131.42	39.10
2019-10-30	131.79	132.26	131.66	132.19	0.80	0.08	132.20	133.04	131.43	47.37
2019-10-31	132.52	133.01	132.44	132.84	0.80	0.07	132.31	133.03	131.45	58.61
2019-11-01	132.69	132.92	132.26	132.30	0.79	0.07	132.31	133.00	131.46	48.71
2019-11-04	132.24	132.32	131.68	131.83	0.79	0.06	132.22	132.94	131.46	40.95

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-10-07	134.23	134.39	134.64	134.80	135.05	135.21	135.36	88.48	76.94	65.34	1	0.95
2019-10-08	134.26	134.43	134.60	134.77	134.94	135.11	135.29	95.10	82.32	75.32	1	1.11
2019-10-09	133.98	134.24	134.71	134.97	135.44	135.70	135.97	33.33	76.52	78.59	1	1.15
2019-10-10	133.78	134.14	134.38	134.74	134.98	135.34	135.70	28.00	68.38	75.74	1	0.98
2019-10-11	131.17	132.08	132.85	133.76	134.53	135.44	136.35	3.91	49.77	64.89	1	0.41
2019-10-14	129.23	130.45	131.12	132.34	133.01	134.23	135.44	24.58	36.99	51.71	1	0.07
2019-10-15	131.73	132.03	132.29	132.59	132.85	133.15	133.46	6.36	19.24	35.33	1	-0.37
2019-10-16	130.04	130.84	131.35	132.15	132.66	133.46	134.26	16.87	15.95	24.06	1	-0.70
2019-10-17	130.00	130.74	131.37	132.11	132.74	133.48	134.21	40.73	18.49	17.89	1	-0.98
2019-10-18	129.57	130.19	131.05	131.67	132.53	133.15	133.76	44.19	26.55	20.33	1	-1.26
2019-10-21	130.95	131.19	131.47	131.71	131.99	132.23	132.47	27.44	27.12	24.05	1	-1.47
2019-10-22	130.40	130.69	131.04	131.33	131.68	131.97	132.26	57.35	37.32	30.33	1	-1.54
2019-10-23	130.84	131.09	131.53	131.78	132.22	132.47	132.72	82.14	50.37	38.27	1	-1.53
2019-10-24	131.40	131.67	131.93	132.20	132.46	132.73	133.01	89.74	60.17	49.29	1	-1.42
2019-10-25	130.91	131.36	132.04	132.49	133.17	133.62	134.06	70.77	65.49	58.68	1	-1.42
2019-10-28	131.55	131.83	132.09	132.37	132.63	132.91	133.18	26.42	65.28	63.65	1	-1.50
2019-10-29	130.78	131.19	131.48	131.89	132.18	132.59	133.01	18.52	57.52	62.76	1	-1.50
2019-10-30	131.01	131.30	131.56	131.85	132.11	132.40	132.68	45.19	50.13	57.64	1	-1.42
2019-10-31	131.21	131.44	131.81	132.04	132.41	132.64	132.86	88.11	49.80	52.48	1	-1.19
2019-11-01	131.95	132.19	132.52	132.76	133.09	133.33	133.58	50.35	45.72	48.55	1	-1.00
2019-11-04	131.41	131.83	132.07	132.49	132.73	133.15	133.58	17.48	43.93	46.48	1	-0.89

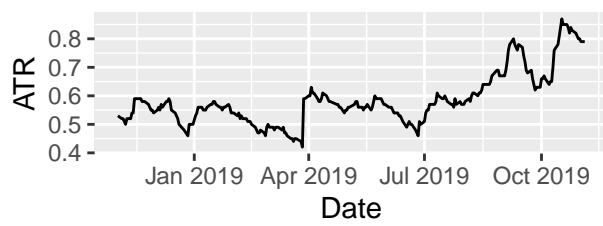
G1 Price Range



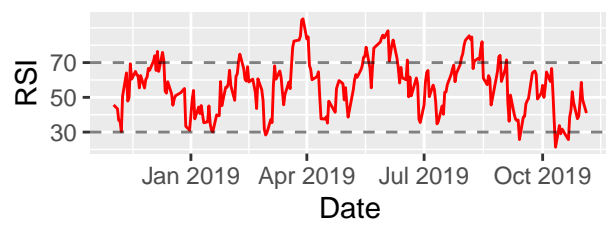
G1 Daily Close



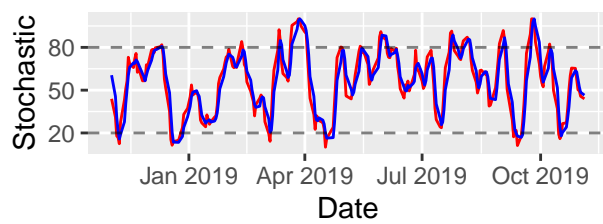
G1 ATR



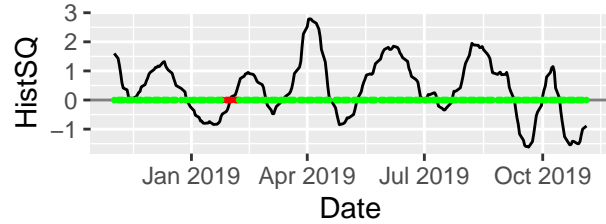
G1 RSI



G1 Stochastic



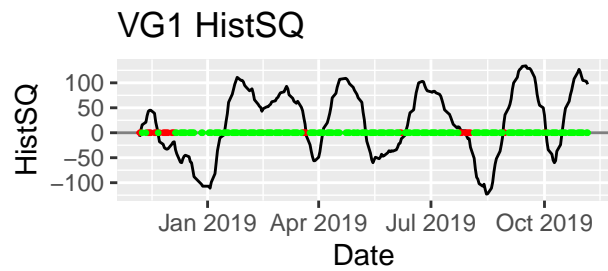
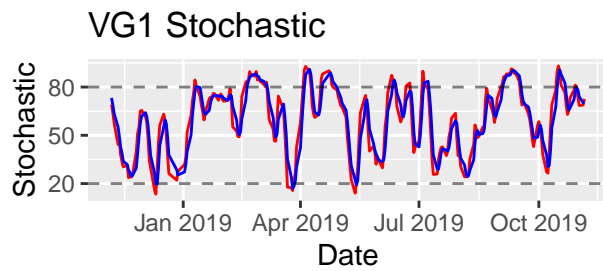
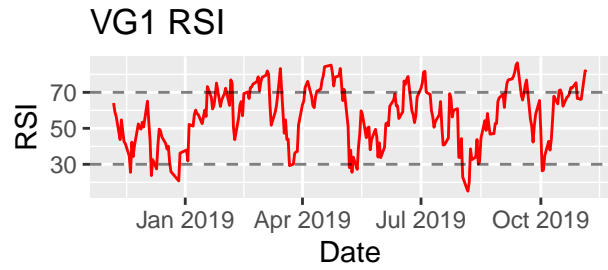
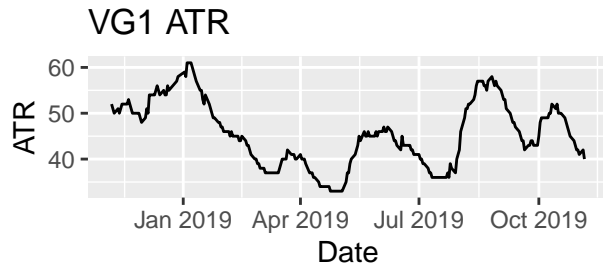
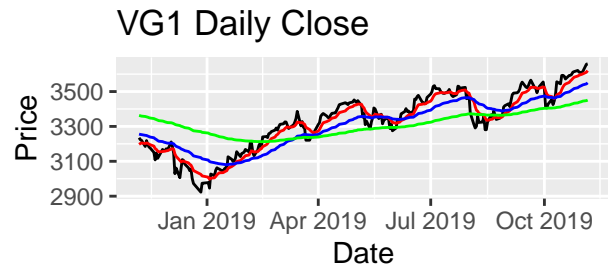
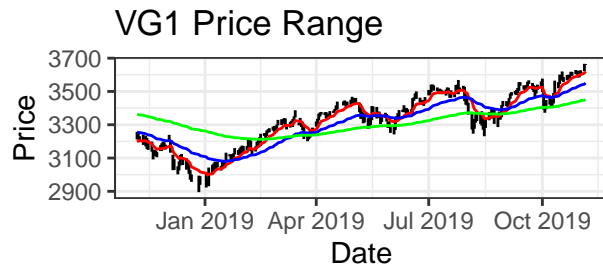
G1 HistSQ



VG1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-10-08	3454	3470	3411	3425	49	2	3463	3464	3406	37.87
2019-10-09	3421	3469	3414	3447	50	2	3460	3463	3406	43.68
2019-10-10	3444	3490	3428	3485	50	3	3464	3464	3407	54.68
2019-10-11	3482	3565	3478	3556	52	3	3481	3469	3409	67.85
2019-10-14	3548	3556	3519	3544	51	3	3493	3472	3411	63.57
2019-10-15	3546	3601	3545	3592	52	3	3511	3478	3414	70.96
2019-10-16	3590	3600	3576	3593	50	3	3526	3484	3416	71.38
2019-10-17	3582	3620	3565	3588	50	3	3537	3489	3418	69.42
2019-10-18	3581	3587	3557	3572	50	3	3543	3493	3421	62.29
2019-10-21	3577	3599	3567	3592	49	3	3552	3498	3423	67.28
2019-10-22	3593	3600	3574	3593	48	3	3560	3502	3425	67.73
2019-10-23	3567	3601	3564	3598	47	3	3567	3507	3428	69.44
2019-10-24	3604	3618	3596	3611	46	2	3575	3512	3430	72.63
2019-10-25	3608	3618	3594	3614	45	2	3582	3517	3433	72.37
2019-10-28	3620	3629	3605	3621	44	2	3589	3522	3435	75.34
2019-10-29	3624	3624	3601	3611	43	2	3593	3527	3438	66.57
2019-10-30	3615	3622	3583	3610	42	3	3596	3531	3440	66.61
2019-10-31	3622	3625	3586	3609	42	3	3598	3534	3442	66.16
2019-11-01	3610	3627	3601	3614	41	3	3601	3538	3445	66.15
2019-11-04	3627	3666	3622	3657	42	4	3611	3544	3448	82.02
2019-11-05	3663	3664	3659	3659	40	4	3620	3550	3451	81.57

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-10-08	3380	3400	3428	3448	3476	3496	3517	38.97	26.50	30.59	1	-55
2019-10-09	3342	3376	3401	3435	3460	3494	3529	76.53	39.98	31.23	1	-60
2019-10-10	3363	3388	3418	3443	3473	3498	3524	94.85	55.63	40.70	1	-56
2019-10-11	3383	3406	3445	3468	3507	3530	3552	94.16	69.00	54.87	1	-37
2019-10-14	3414	3446	3501	3533	3588	3620	3652	86.36	78.17	67.60	1	-24
2019-10-15	3486	3503	3523	3540	3560	3577	3593	95.19	89.42	78.86	1	-4
2019-10-16	3502	3523	3558	3579	3614	3635	3657	95.38	93.19	86.93	1	15
2019-10-17	3555	3566	3579	3590	3603	3614	3624	77.46	89.71	90.77	1	34
2019-10-18	3507	3536	3562	3591	3617	3646	3675	52.48	81.37	88.09	1	49
2019-10-21	3527	3542	3557	3572	3587	3602	3617	62.67	76.63	82.57	1	63
2019-10-22	3541	3554	3573	3586	3605	3618	3631	57.14	69.03	75.68	1	76
2019-10-23	3552	3563	3578	3589	3604	3615	3626	65.08	62.97	69.54	1	85
2019-10-24	3537	3551	3574	3588	3611	3625	3638	88.52	65.18	65.72	1	97
2019-10-25	3577	3586	3599	3608	3621	3630	3640	92.59	73.20	67.11	1	108
2019-10-28	3575	3585	3599	3609	3623	3633	3642	87.69	78.21	72.20	1	121
2019-10-29	3584	3594	3608	3618	3632	3642	3653	72.31	81.24	77.55	1	127
2019-10-30	3577	3589	3600	3612	3623	3635	3647	58.70	79.96	79.80	1	122
2019-10-31	3549	3566	3588	3605	3627	3644	3661	56.52	73.56	78.25	1	113
2019-11-01	3549	3568	3588	3607	3627	3646	3664	67.39	68.52	74.02	1	105
2019-11-04	3575	3588	3601	3614	3627	3640	3653	89.16	68.81	70.30	1	103
2019-11-05	3587	3604	3631	3648	3675	3692	3710	91.57	72.67	70.00	1	97

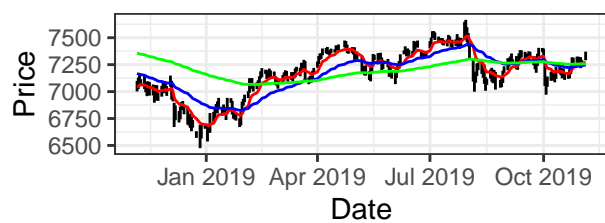


Z 1

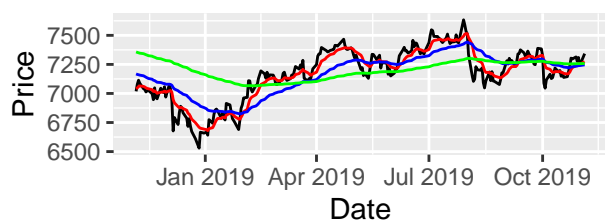
Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-10-07	7129.0	7184.5	7100.0	7165.0	100.4	4.2	7208.2	7262.1	7268.2	42.17
2019-10-08	7158.5	7195.0	7104.0	7128.0	99.9	4.1	7193.6	7255.6	7266.3	38.37
2019-10-09	7105.5	7166.0	7105.5	7135.0	97.9	4.1	7183.0	7249.7	7264.5	39.61
2019-10-10	7115.0	7188.5	7086.0	7173.0	98.2	4.1	7181.2	7246.0	7263.2	46.17
2019-10-11	7137.0	7229.0	7117.5	7218.5	98.8	4.1	7188.0	7244.6	7262.6	53.27
2019-10-14	7217.0	7233.5	7168.0	7185.0	97.2	4.1	7187.4	7241.7	7261.5	47.86
2019-10-15	7211.5	7219.0	7150.5	7197.5	95.7	4.1	7189.3	7239.6	7260.6	50.12
2019-10-16	7181.5	7194.0	7123.0	7148.0	94.7	4.1	7181.8	7235.1	7259.1	41.86
2019-10-17	7143.0	7215.5	7134.5	7174.5	94.0	4.0	7180.4	7232.1	7257.9	47.29
2019-10-18	7163.5	7174.5	7108.5	7138.0	92.6	3.8	7172.7	7227.5	7256.2	41.15
2019-10-21	7131.5	7175.0	7119.0	7144.5	90.8	3.7	7167.6	7223.5	7254.7	42.61
2019-10-22	7150.5	7208.0	7122.5	7189.5	90.5	3.8	7171.6	7221.8	7253.8	52.73
2019-10-23	7180.0	7242.5	7162.5	7239.0	90.0	3.9	7183.8	7222.7	7253.6	61.46
2019-10-24	7244.0	7318.0	7226.0	7304.0	90.1	4.0	7205.7	7226.6	7254.3	69.91
2019-10-25	7292.0	7314.5	7255.5	7296.5	88.5	4.2	7222.2	7230.0	7254.9	67.83
2019-10-28	7307.5	7324.5	7268.0	7314.5	86.9	4.5	7239.0	7234.2	7255.7	70.23
2019-10-29	7324.0	7324.0	7240.5	7276.5	86.7	4.7	7245.8	7236.2	7256.0	59.43
2019-10-30	7273.5	7319.0	7252.5	7309.5	85.7	4.9	7257.4	7239.8	7256.7	64.84
2019-10-31	7318.5	7318.5	7217.0	7246.0	86.5	4.9	7255.3	7240.1	7256.6	49.74
2019-11-01	7248.0	7291.0	7238.5	7266.0	84.8	4.9	7257.3	7241.4	7256.7	53.74
2019-11-04	7300.5	7370.5	7290.5	7342.5	85.8	4.7	7272.8	7246.3	7257.9	65.87

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-10-07	6966.0	7005.5	7061.0	7100.5	7156.0	7195.5	7235.0	45.44	34.21	44.11	1	-80.7
2019-10-08	7030.7	7065.3	7115.2	7149.8	7199.7	7234.3	7269.0	48.24	30.94	36.11	1	-99.5
2019-10-09	6998.7	7051.3	7089.7	7142.3	7180.7	7233.3	7286.0	73.27	43.56	36.23	1	-107.7
2019-10-10	7044.5	7075.0	7105.0	7135.5	7165.5	7196.0	7226.5	85.33	57.18	43.89	1	-106.4
2019-10-11	7007.3	7046.7	7109.8	7149.2	7212.3	7251.7	7291.0	92.66	68.99	56.57	1	-92.2
2019-10-14	7036.2	7076.8	7147.7	7188.3	7259.2	7299.8	7340.5	67.12	73.32	66.50	1	-85.2
2019-10-15	7092.0	7130.0	7157.5	7195.5	7223.0	7261.0	7299.0	75.59	78.80	73.70	1	-77.1
2019-10-16	7090.5	7120.5	7159.0	7189.0	7227.5	7257.5	7287.5	42.03	72.55	74.89	1	-76.6
2019-10-17	7045.0	7084.0	7116.0	7155.0	7187.0	7226.0	7265.0	49.14	65.31	72.22	1	-65.0
2019-10-18	7053.2	7093.8	7134.2	7174.8	7215.2	7255.8	7296.5	23.60	51.50	63.12	1	-60.3
2019-10-21	7040.2	7074.3	7106.2	7140.3	7172.2	7206.3	7240.5	32.58	44.59	53.80	1	-57.0
2019-10-22	7061.3	7090.2	7117.3	7146.2	7173.3	7202.2	7231.0	75.70	44.61	46.90	1	-48.0
2019-10-23	7053.2	7087.8	7138.7	7173.3	7224.2	7258.8	7293.5	97.39	55.68	48.29	1	-31.4
2019-10-24	7106.8	7134.7	7186.8	7214.7	7266.8	7294.7	7322.5	93.32	64.52	54.94	1	0.1
2019-10-25	7155.3	7190.7	7247.3	7282.7	7339.3	7374.7	7410.0	89.20	77.64	65.94	1	34.3
2019-10-28	7204.2	7229.8	7263.2	7288.8	7322.2	7347.8	7373.5	95.05	90.13	77.43	1	70.4
2019-10-29	7223.7	7245.8	7280.2	7302.3	7336.7	7358.8	7381.0	70.37	89.06	85.61	1	96.1
2019-10-30	7153.2	7196.8	7236.7	7280.3	7320.2	7363.8	7407.5	84.77	86.54	88.58	1	106.8
2019-10-31	7201.8	7227.2	7268.3	7293.7	7334.8	7360.2	7385.5	26.98	73.27	82.96	0	96.9
2019-11-01	7101.0	7159.0	7202.5	7260.5	7304.0	7362.0	7420.0	45.58	64.55	74.79	0	93.4
2019-11-04	7186.8	7212.7	7239.3	7265.2	7291.8	7317.7	7343.5	81.76	61.89	66.57	1	104.2

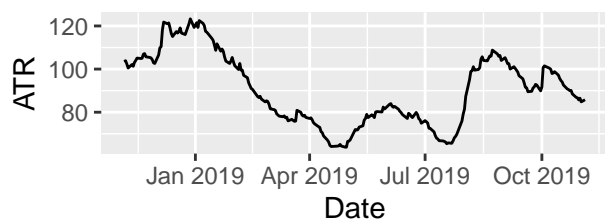
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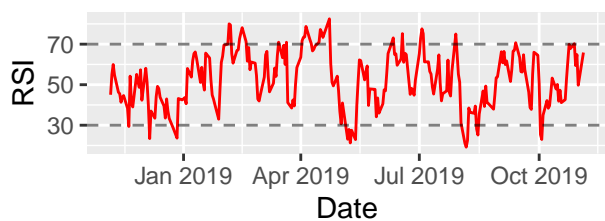
Z1 Daily Close



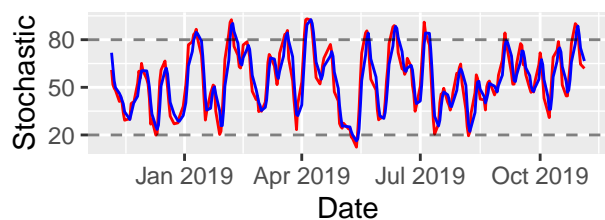
Z1 ATR



Z1 RSI



Z1 Stochastic



Z1 HistSQ

