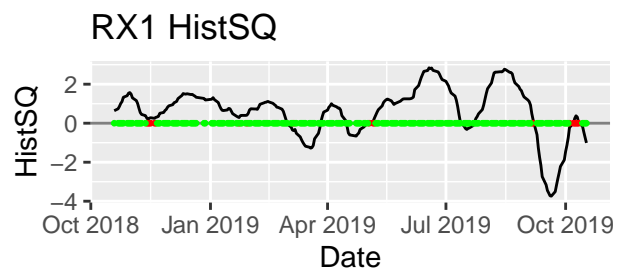
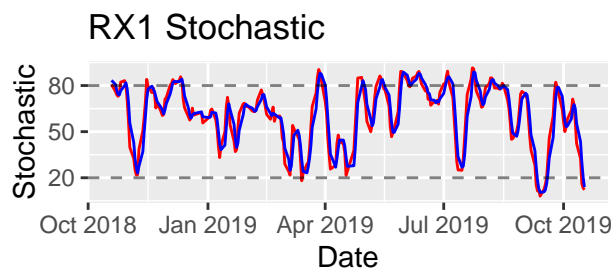
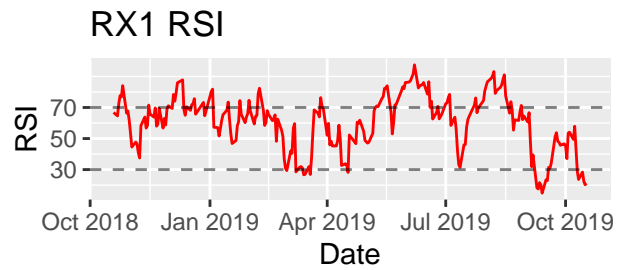
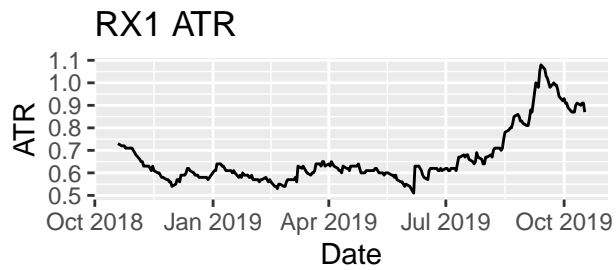
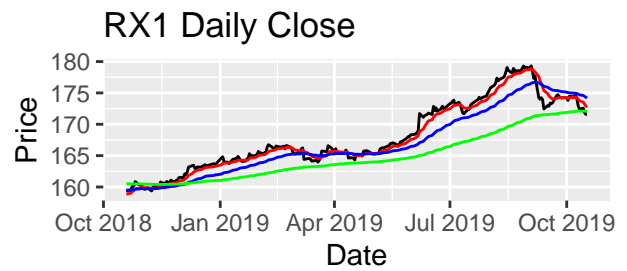
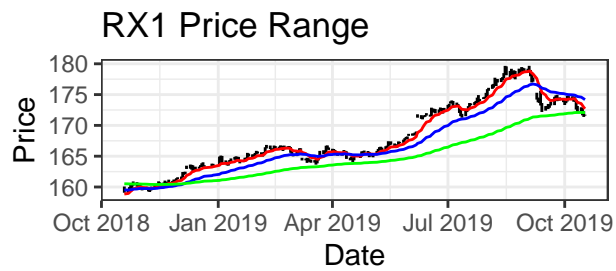


# Trading SWAT Notebook

RX1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
RX1 Comdty	2019-09-19	173.07	173.40	172.86	174.31	1.00	0.09	174.15	175.53	171.61
RX1 Comdty	2019-09-20	173.32	173.84	173.23	173.94	0.98	0.09	174.02	175.43	171.63
RX1 Comdty	2019-09-23	173.60	174.64	173.29	174.45	1.00	0.09	174.12	175.38	171.67
RX1 Comdty	2019-09-24	174.19	174.88	174.03	175.99	0.99	0.09	174.23	175.35	171.71
RX1 Comdty	2019-09-25	174.88	174.97	173.93	175.73	0.99	0.09	174.25	175.30	171.75
RX1 Comdty	2019-09-26	174.11	174.46	174.03	176.01	0.97	0.08	174.26	175.25	171.79
RX1 Comdty	2019-09-27	174.35	174.54	174.05	174.89	0.94	0.08	174.25	175.20	171.82
RX1 Comdty	2019-09-30	174.35	174.36	173.77	175.03	0.92	0.07	174.25	175.16	171.85
RX1 Comdty	2019-10-01	174.23	174.25	173.31	174.95	0.93	0.06	174.24	175.11	171.89
RX1 Comdty	2019-10-02	173.86	174.04	173.60	175.19	0.91	0.06	174.16	175.05	171.91
RX1 Comdty	2019-10-03	173.88	174.78	173.88	174.48	0.91	0.05	174.22	175.02	171.95
RX1 Comdty	2019-10-04	174.53	174.75	174.33	175.68	0.89	0.05	174.27	174.99	171.98
RX1 Comdty	2019-10-07	174.54	174.72	174.17	175.17	0.87	0.06	174.27	174.96	172.01
RX1 Comdty	2019-10-08	174.24	174.69	173.86	175.27	0.87	0.06	174.35	174.94	172.05
RX1 Comdty	2019-10-09	174.52	174.56	173.85	175.52	0.87	0.06	174.29	174.90	172.08
RX1 Comdty	2019-10-10	174.06	174.14	172.57	175.27	0.90	0.06	174.06	174.81	172.09
RX1 Comdty	2019-10-11	172.67	173.15	172.08	175.71	0.91	0.06	173.75	174.69	172.09
RX1 Comdty	2019-10-14	172.38	172.94	172.32	174.22	0.90	0.05	173.54	174.59	172.10
RX1 Comdty	2019-10-15	172.57	172.82	171.63	173.56	0.91	0.05	173.24	174.46	172.10
RX1 Comdty	2019-10-16	171.72	172.29	171.37	174.01	0.91	0.04	172.94	174.32	172.09
RX1 Comdty	2019-10-17	171.64	171.74	171.59	173.21	0.87	0.04	172.70	174.18	172.08

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
RX1 Comdty	173.30	172.02	172.34	172.85	173.17	173.68	174.00	30.87	77.24	32.54	22.79	1
RX1 Comdty	173.47	172.43	172.65	172.97	173.19	173.51	173.73	34.18	74.31	45.89	32.87	1
RX1 Comdty	174.54	172.58	172.90	173.19	173.51	173.80	174.12	51.31	94.97	60.23	46.22	1
RX1 Comdty	174.73	172.32	172.81	173.67	174.16	175.02	175.51	53.80	93.27	74.88	60.33	1
RX1 Comdty	174.36	173.36	173.70	174.21	174.55	175.06	175.40	48.20	71.09	82.18	72.43	1
RX1 Comdty	174.32	172.83	173.38	173.87	174.42	174.91	175.46	47.58	62.64	79.26	78.77	1
RX1 Comdty	174.21	173.65	173.84	174.08	174.27	174.51	174.70	45.68	54.76	75.35	78.93	1
RX1 Comdty	174.25	173.50	173.78	173.99	174.27	174.48	174.76	46.58	40.00	64.35	72.99	1
RX1 Comdty	174.20	173.30	173.54	173.89	174.13	174.48	174.72	45.48	53.61	56.42	65.37	1
RX1 Comdty	173.79	172.65	172.98	173.59	173.92	174.53	174.86	37.07	39.02	50.01	56.93	1
RX1 Comdty	174.46	173.14	173.37	173.58	173.81	174.02	174.25	53.47	78.23	53.13	53.19	1
RX1 Comdty	174.49	173.07	173.47	173.97	174.37	174.87	175.27	54.10	80.27	58.23	53.79	0
RX1 Comdty	174.31	173.88	174.10	174.30	174.52	174.72	174.94	49.45	68.03	63.83	58.40	0
RX1 Comdty	174.67	173.53	173.85	174.08	174.40	174.63	174.95	57.89	90.68	71.25	64.44	0
RX1 Comdty	174.05	173.29	173.58	174.12	174.41	174.95	175.24	43.34	21.51	67.74	67.61	0
RX1 Comdty	173.00	173.04	173.44	173.75	174.15	174.46	174.86	28.96	19.72	56.04	65.01	0
RX1 Comdty	172.39	170.76	171.67	172.33	173.24	173.90	174.81	23.65	11.74	42.34	55.37	0
RX1 Comdty	172.58	170.86	171.47	171.93	172.54	173.00	173.61	28.42	19.16	32.56	43.65	1
RX1 Comdty	171.89	171.67	171.99	172.29	172.61	172.91	173.23	22.47	8.87	16.20	30.37	1
RX1 Comdty	171.58	170.22	170.92	171.41	172.11	172.60	173.30	20.24	7.58	13.42	20.73	1
RX1 Comdty	171.61	170.28	170.83	171.20	171.75	172.12	172.67	21.13	13.48	12.17	13.93	1

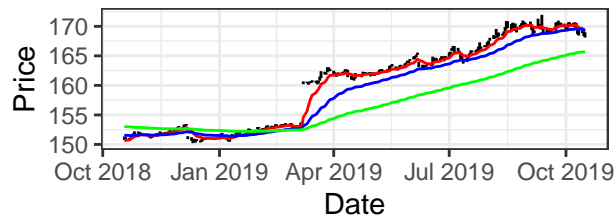


## OAT1

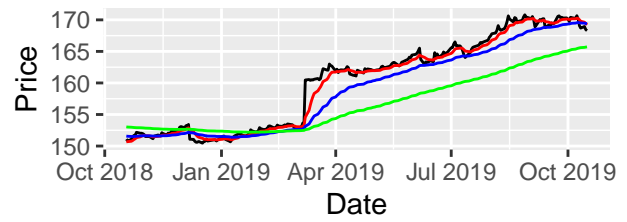
Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
OAT1 Comdty	2019-09-18	168.82	169.64	168.82	169.92	0.92	0.07	169.51	168.85	164.42
OAT1 Comdty	2019-09-19	169.40	169.51	168.88	170.46	0.90	0.07	169.48	168.88	164.49
OAT1 Comdty	2019-09-20	169.43	169.58	169.25	170.14	0.87	0.07	169.47	168.91	164.55
OAT1 Comdty	2019-09-23	169.55	170.66	169.25	169.91	0.90	0.07	169.67	168.99	164.64
OAT1 Comdty	2019-09-24	170.31	170.70	170.04	172.07	0.89	0.07	169.85	169.07	164.72
OAT1 Comdty	2019-09-25	170.67	170.97	170.00	171.36	0.89	0.07	169.94	169.13	164.80
OAT1 Comdty	2019-09-26	170.14	170.58	170.04	171.94	0.87	0.07	170.03	169.19	164.87
OAT1 Comdty	2019-09-27	170.36	170.63	170.06	171.12	0.86	0.06	170.07	169.25	164.95
OAT1 Comdty	2019-09-30	170.35	170.46	169.83	171.20	0.85	0.06	170.12	169.30	165.02
OAT1 Comdty	2019-10-01	169.99	170.21	169.29	171.09	0.86	0.05	170.12	169.34	165.09
OAT1 Comdty	2019-10-02	169.75	170.02	169.54	171.13	0.84	0.04	170.05	169.36	165.16
OAT1 Comdty	2019-10-03	169.86	170.69	169.86	170.50	0.85	0.04	170.11	169.41	165.23
OAT1 Comdty	2019-10-04	170.39	170.67	170.30	171.52	0.83	0.03	170.16	169.46	165.30
OAT1 Comdty	2019-10-07	170.33	170.61	170.15	171.04	0.81	0.04	170.17	169.49	165.37
OAT1 Comdty	2019-10-08	169.92	170.67	169.78	171.07	0.81	0.04	170.26	169.55	165.44
OAT1 Comdty	2019-10-09	170.49	170.59	169.94	171.56	0.81	0.04	170.23	169.58	165.51
OAT1 Comdty	2019-10-10	169.97	170.05	168.69	171.24	0.84	0.04	170.02	169.55	165.56
OAT1 Comdty	2019-10-11	168.84	169.32	168.44	171.41	0.84	0.04	169.78	169.51	165.60
OAT1 Comdty	2019-10-14	169.01	169.24	168.84	170.20	0.82	0.03	169.63	169.48	165.64
OAT1 Comdty	2019-10-15	168.99	169.23	168.34	169.64	0.83	0.03	169.42	169.43	165.68
OAT1 Comdty	2019-10-16	168.45	168.99	168.10	170.12	0.83	0.03	169.21	169.38	165.72

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
OAT1 Comdty	169.52	168.08	168.41	168.67	169.00	169.26	169.59	49.46	27.89	20.95	27.72	0
OAT1 Comdty	169.37	168.19	168.51	169.01	169.33	169.83	170.15	46.63	74.53	27.31	25.23	0
OAT1 Comdty	169.42	168.37	168.62	169.00	169.25	169.63	169.88	47.98	78.00	41.84	30.03	0
OAT1 Comdty	170.55	168.92	169.09	169.25	169.42	169.58	169.75	64.44	94.27	57.02	42.06	0
OAT1 Comdty	170.64	168.24	168.74	169.65	170.15	171.06	171.56	65.71	96.81	74.30	57.72	0
OAT1 Comdty	170.36	169.56	169.80	170.22	170.46	170.88	171.12	59.56	70.81	82.88	71.40	0
OAT1 Comdty	170.42	168.95	169.47	169.92	170.44	170.89	171.41	60.19	68.02	81.58	79.59	0
OAT1 Comdty	170.29	169.57	169.81	170.11	170.35	170.65	170.89	57.01	60.47	78.08	80.85	0
OAT1 Comdty	170.31	169.45	169.76	170.02	170.33	170.59	170.90	58.06	42.11	67.64	75.77	0
OAT1 Comdty	170.13	169.31	169.57	169.94	170.20	170.57	170.83	51.66	50.00	58.28	68.00	0
OAT1 Comdty	169.73	168.62	168.96	169.54	169.88	170.46	170.80	41.46	32.84	50.69	58.87	0
OAT1 Comdty	170.41	169.03	169.28	169.51	169.76	169.99	170.24	57.94	80.00	53.08	54.02	0
OAT1 Comdty	170.35	169.12	169.49	169.95	170.32	170.78	171.15	56.10	75.71	56.13	53.30	0
OAT1 Comdty	170.23	169.84	170.07	170.21	170.44	170.58	170.81	53.35	67.14	61.14	56.78	0
OAT1 Comdty	170.66	169.59	169.87	170.05	170.33	170.51	170.79	62.82	97.39	70.62	62.63	0
OAT1 Comdty	170.11	169.18	169.48	170.07	170.37	170.96	171.26	47.77	36.26	71.30	67.69	0
OAT1 Comdty	169.08	169.19	169.56	169.84	170.21	170.49	170.86	32.03	19.70	59.24	67.05	0
OAT1 Comdty	168.70	167.14	167.91	168.50	169.27	169.86	170.63	27.98	11.66	46.43	58.99	0
OAT1 Comdty	168.95	167.44	167.94	168.32	168.82	169.20	169.70	34.58	22.87	37.58	47.75	1
OAT1 Comdty	168.46	168.38	168.61	168.78	169.01	169.18	169.41	28.78	5.33	19.16	34.39	1
OAT1 Comdty	168.29	167.23	167.79	168.12	168.68	169.01	169.57	26.40	9.74	13.86	23.53	1

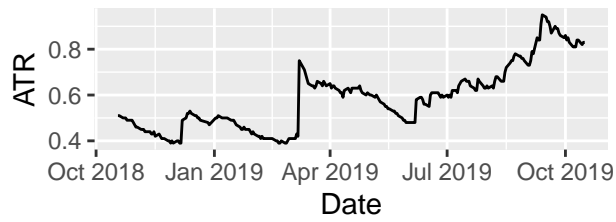
OAT1 Price Range



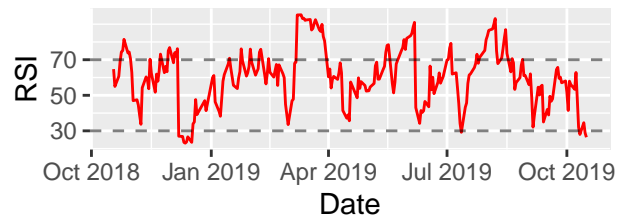
OAT1 Daily Close



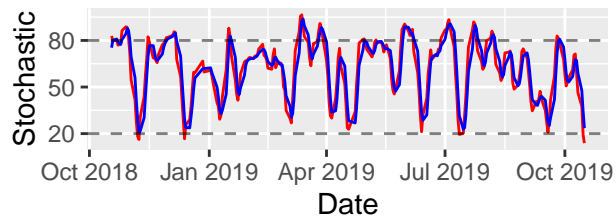
OAT1 ATR



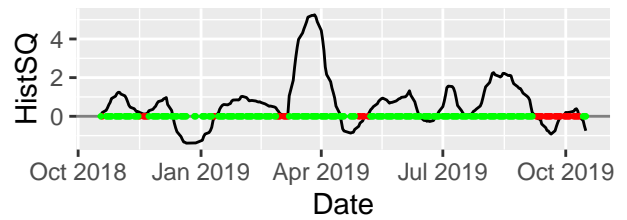
OAT1 RSI



OAT1 Stochastic



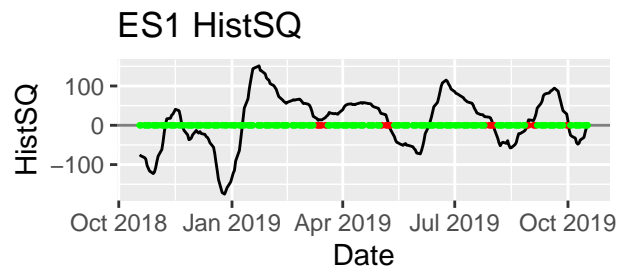
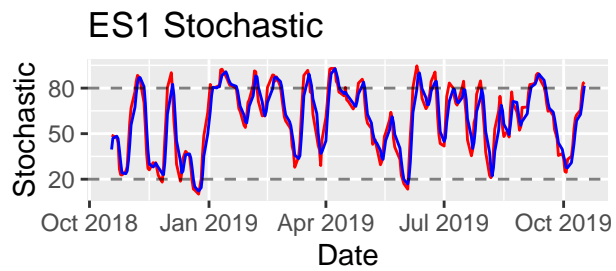
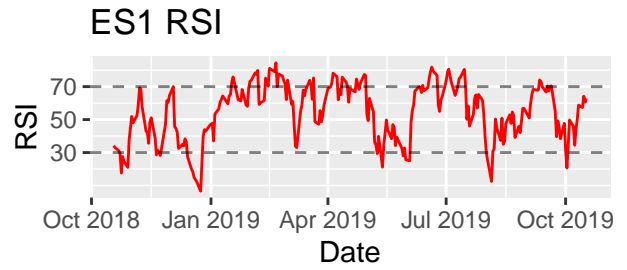
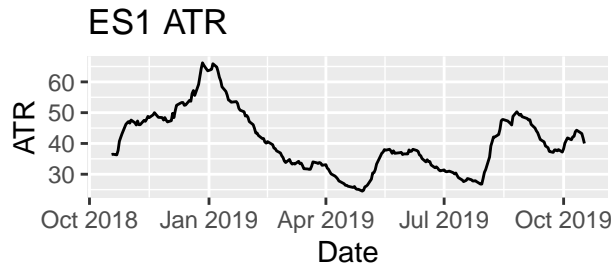
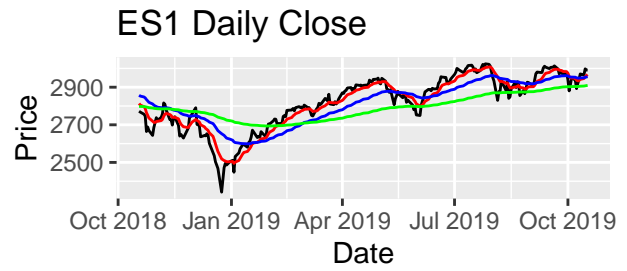
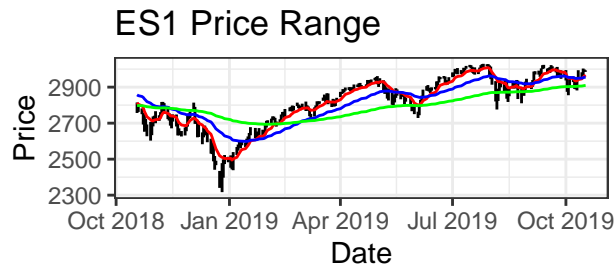
OAT1 HistSQ



ES1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
ES1 Index	2019-09-19	3008.00	3022.25	2988.75	3043.5	38.6	3.7	2991.0	2952.2	2894.1
ES1 Index	2019-09-20	3005.50	3015.50	3001.75	3055.8	37.4	4.1	2995.1	2955.2	2895.7
ES1 Index	2019-09-23	2995.75	3008.25	2982.00	3029.2	37.1	4.3	2995.5	2957.2	2897.1
ES1 Index	2019-09-24	3001.00	3012.25	2958.50	3034.5	37.9	4.3	2990.9	2957.9	2898.1
ES1 Index	2019-09-25	2971.00	2991.75	2953.75	3066.0	37.9	4.2	2990.0	2959.2	2899.3
ES1 Index	2019-09-26	2985.75	2995.00	2964.25	3029.8	37.6	4.1	2988.3	2960.3	2900.4
ES1 Index	2019-09-27	2979.75	2993.00	2946.25	3025.8	38.0	3.9	2983.8	2960.5	2901.3
ES1 Index	2019-09-30	2976.00	2986.25	2964.50	3039.8	37.2	3.7	2982.9	2961.3	2902.4
ES1 Index	2019-10-01	2984.00	2994.50	2937.00	3008.0	38.3	3.5	2974.7	2960.2	2902.9
ES1 Index	2019-10-02	2942.25	2949.00	2874.00	3052.0	40.1	3.1	2957.5	2956.3	2902.6
ES1 Index	2019-10-03	2883.75	2912.50	2855.00	3024.0	41.0	2.7	2949.2	2954.1	2902.7
ES1 Index	2019-10-04	2911.50	2953.25	2896.75	2970.0	41.8	2.3	2949.5	2954.0	2903.4
ES1 Index	2019-10-07	2929.75	2959.50	2928.00	3009.8	41.2	2.1	2947.4	2953.2	2903.8
ES1 Index	2019-10-08	2934.50	2950.00	2890.50	2991.0	42.1	1.9	2937.4	2950.2	2903.7
ES1 Index	2019-10-09	2893.50	2934.25	2888.25	3009.5	42.3	1.8	2934.0	2948.7	2903.9
ES1 Index	2019-10-10	2920.50	2954.00	2881.75	2980.2	43.8	1.9	2935.3	2948.3	2904.4
ES1 Index	2019-10-11	2949.00	2994.00	2941.75	3026.2	44.3	2.1	2941.7	2949.4	2905.3
ES1 Index	2019-10-14	2968.00	2982.50	2953.75	3046.2	43.5	2.3	2946.1	2950.2	2906.1
ES1 Index	2019-10-15	2966.75	3003.25	2966.50	3011.2	43.2	2.4	2955.5	2952.5	2907.4
ES1 Index	2019-10-16	2996.50	2997.75	2984.75	3040.0	41.7	2.4	2962.0	2954.4	2908.6
ES1 Index	2019-10-17	2992.25	2992.75	2985.75	3010.8	40.0	2.4	2967.3	2956.2	2909.7

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
ES1 Index	3006.00	2953.7	2966.1	2986.2	2998.6	3018.7	3031.1	70.24	60.77	64.74	70.26	1
ES1 Index	3013.61	2955.6	2972.2	2989.1	3005.7	3022.6	3039.2	70.44	80.25	65.97	66.73	1
ES1 Index	2997.00	2991.3	2996.5	3005.1	3010.3	3018.8	3024.0	55.08	42.29	61.87	64.19	1
ES1 Index	2970.25	2957.0	2969.5	2983.2	2995.8	3009.5	3022.0	39.62	18.43	52.61	60.15	1
ES1 Index	2986.25	2894.7	2926.6	2948.4	2980.3	3002.2	3034.1	49.24	47.45	49.84	54.78	1
ES1 Index	2980.50	2924.8	2939.2	2962.8	2977.2	3000.8	3015.2	45.40	43.32	46.35	49.60	1
ES1 Index	2963.75	2934.1	2949.2	2964.8	2979.9	2995.6	3010.7	38.41	26.52	35.60	43.93	1
ES1 Index	2978.50	2895.6	2920.9	2942.3	2967.7	2989.1	3014.4	47.68	48.86	36.92	39.62	0
ES1 Index	2937.75	2944.8	2954.7	2966.6	2976.4	2988.3	2998.2	31.31	1.29	33.49	35.33	0
ES1 Index	2880.50	2860.8	2898.9	2918.3	2956.4	2975.8	3013.9	20.67	5.37	25.07	31.83	0
ES1 Index	2911.75	2778.3	2826.2	2853.3	2901.2	2928.3	2976.2	34.64	40.68	24.54	27.70	1
ES1 Index	2951.00	2816.2	2835.6	2873.7	2893.1	2931.2	2950.6	49.77	68.82	33.01	27.54	1
ES1 Index	2937.50	2857.6	2877.2	2914.1	2933.7	2970.6	2990.2	45.92	59.14	35.06	30.87	1
ES1 Index	2892.50	2892.3	2910.2	2923.8	2941.7	2955.3	2973.2	34.45	35.89	41.98	36.68	1
ES1 Index	2919.00	2812.5	2851.5	2872.0	2911.0	2931.5	2970.5	44.24	61.24	53.15	43.40	1
ES1 Index	2941.00	2847.4	2867.8	2893.4	2913.8	2939.4	2959.8	50.65	76.21	60.26	51.80	1
ES1 Index	2970.75	2824.9	2853.3	2897.2	2925.6	2969.4	2997.8	58.77	79.29	62.35	58.59	1
ES1 Index	2965.50	2891.4	2916.6	2943.7	2968.8	2995.9	3021.1	57.34	74.61	65.45	62.69	1
ES1 Index	2997.75	2923.2	2938.5	2952.0	2967.2	2980.8	2996.0	64.19	95.47	77.36	68.39	1
ES1 Index	2991.50	2938.3	2952.4	2975.1	2989.2	3011.8	3025.9	60.58	90.33	83.18	75.33	1
ES1 Index	2991.00	2971.9	2978.3	2984.9	2991.3	2997.9	3004.3	62.86	80.08	83.96	81.50	1

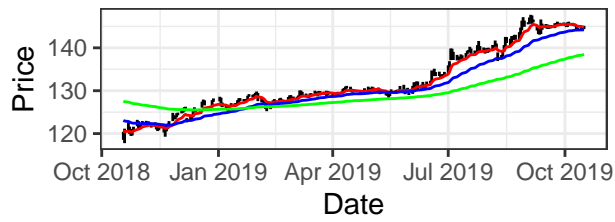


IK1

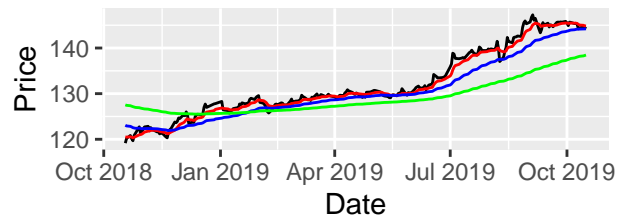
	Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
IK1 Comdty	2019-09-18	144.42	145.36	144.42	146.40	1.46	0.05	144.97	142.68	136.31	
IK1 Comdty	2019-09-19	145.22	145.25	144.54	146.30	1.43	0.04	144.97	142.79	136.43	
IK1 Comdty	2019-09-20	145.18	145.33	144.55	145.96	1.39	0.04	144.91	142.88	136.54	
IK1 Comdty	2019-09-23	144.59	145.73	144.59	146.11	1.38	0.04	145.04	143.01	136.66	
IK1 Comdty	2019-09-24	145.45	145.77	145.32	146.87	1.34	0.05	145.16	143.14	136.79	
IK1 Comdty	2019-09-25	145.66	146.11	145.39	146.22	1.30	0.06	145.25	143.27	136.91	
IK1 Comdty	2019-09-26	145.49	145.79	145.45	146.83	1.26	0.07	145.33	143.39	137.03	
IK1 Comdty	2019-09-27	145.79	145.84	145.40	146.13	1.22	0.08	145.40	143.50	137.15	
IK1 Comdty	2019-09-30	145.80	145.90	145.38	146.28	1.18	0.10	145.48	143.61	137.27	
IK1 Comdty	2019-10-01	145.55	145.82	145.10	146.42	1.16	0.11	145.48	143.70	137.38	
IK1 Comdty	2019-10-02	145.19	145.39	144.83	146.54	1.13	0.12	145.38	143.76	137.49	
IK1 Comdty	2019-10-03	144.90	145.95	144.89	145.95	1.13	0.13	145.43	143.86	137.60	
IK1 Comdty	2019-10-04	145.69	146.10	145.51	147.01	1.10	0.14	145.47	143.94	137.71	
IK1 Comdty	2019-10-07	145.50	145.83	145.26	146.69	1.08	0.15	145.45	144.01	137.82	
IK1 Comdty	2019-10-08	145.20	145.58	145.06	146.40	1.05	0.16	145.45	144.08	137.92	
IK1 Comdty	2019-10-09	145.42	145.50	145.00	146.10	1.02	0.17	145.40	144.13	138.02	
IK1 Comdty	2019-10-10	145.03	145.18	144.04	146.00	1.03	0.17	145.18	144.14	138.11	
IK1 Comdty	2019-10-11	144.20	144.67	144.08	146.32	1.01	0.16	145.04	144.15	138.19	
IK1 Comdty	2019-10-14	144.70	144.91	144.40	145.26	0.98	0.16	144.98	144.18	138.28	
IK1 Comdty	2019-10-15	144.77	145.03	144.22	145.42	0.97	0.15	144.87	144.19	138.37	
IK1 Comdty	2019-10-16	144.52	145.14	144.38	145.84	0.96	0.14	144.83	144.21	138.46	

	Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
IK1 Comdty	145.10	143.25	143.84	144.23	144.82	145.21	145.80	52.54	55.59	58.46	51.33	1	
IK1 Comdty	144.97	143.62	144.02	144.56	144.96	145.50	145.90	51.16	53.15	54.97	55.08	1	
IK1 Comdty	144.66	143.88	144.21	144.59	144.92	145.30	145.63	47.67	21.05	48.10	53.84	1	
IK1 Comdty	145.63	143.58	144.07	144.36	144.85	145.14	145.63	58.09	92.37	53.13	52.07	0	
IK1 Comdty	145.69	143.76	144.18	144.90	145.32	146.04	146.46	58.69	94.07	63.25	54.83	0	
IK1 Comdty	145.65	144.97	145.14	145.42	145.59	145.87	146.04	58.05	70.70	66.27	60.88	0	
IK1 Comdty	145.72	144.60	145.00	145.32	145.72	146.04	146.44	58.96	75.00	70.64	66.72	0	
IK1 Comdty	145.67	145.18	145.31	145.52	145.65	145.86	145.99	57.91	71.05	80.64	72.52	1	
IK1 Comdty	145.84	144.99	145.20	145.43	145.64	145.87	146.08	60.69	65.82	75.33	75.54	1	
IK1 Comdty	145.51	144.99	145.19	145.51	145.71	146.03	146.23	52.80	40.59	64.63	73.53	0	
IK1 Comdty	144.90	144.41	144.76	145.13	145.48	145.85	146.20	41.23	6.54	51.80	63.92	0	
IK1 Comdty	145.68	144.13	144.48	144.69	145.04	145.25	145.60	55.71	75.89	51.98	56.14	0	
IK1 Comdty	145.62	144.00	144.45	145.06	145.51	146.12	146.57	54.50	62.20	50.21	51.33	0	
IK1 Comdty	145.37	144.80	145.15	145.39	145.74	145.98	146.33	49.32	42.52	45.55	49.25	0	
IK1 Comdty	145.43	144.57	144.92	145.14	145.49	145.71	146.06	50.63	47.24	46.88	47.55	0	
IK1 Comdty	145.19	144.61	144.84	145.13	145.36	145.65	145.88	45.16	24.79	50.53	47.65	0	
IK1 Comdty	144.20	144.46	144.73	144.96	145.23	145.46	145.73	29.72	7.77	36.91	44.77	0	
IK1 Comdty	144.38	142.63	143.33	143.77	144.47	144.91	145.61	34.47	18.99	28.26	38.57	0	
IK1 Comdty	144.71	143.49	143.79	144.08	144.38	144.67	144.97	42.75	43.51	28.46	31.21	0	
IK1 Comdty	144.37	143.93	144.16	144.44	144.67	144.95	145.18	37.12	22.60	23.53	26.75	0	
IK1 Comdty	144.66	143.24	143.73	144.05	144.54	144.86	145.35	44.41	54.39	29.45	27.15	0	

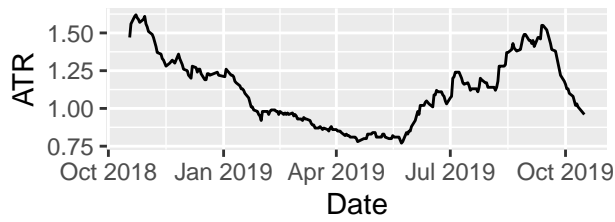
IK1 Price Range



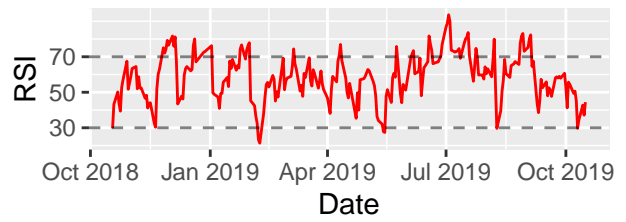
IK1 Daily Close



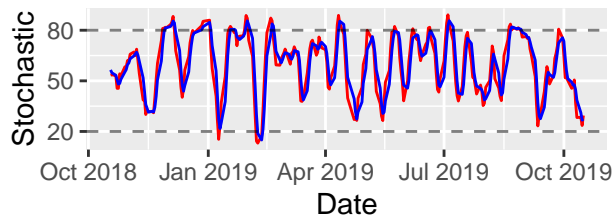
IK1 ATR



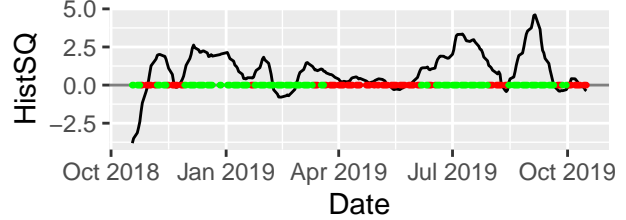
IK1 RSI



IK1 Stochastic



IK1 HistSQ



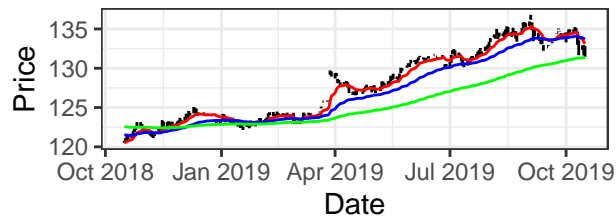


G 1

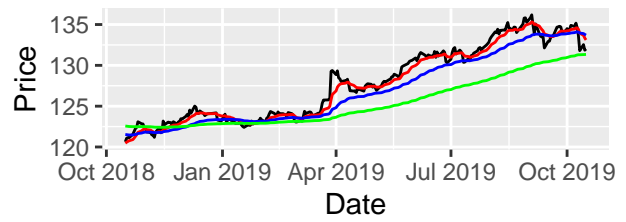
	Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
G 1 Comdty	2019-09-18	133.37	133.37	133.34	133.09	0.72	0.05	133.52	133.62	130.52	
G 1 Comdty	2019-09-19	133.60	133.60	133.60	133.40	0.69	0.04	133.53	133.62	130.56	
G 1 Comdty	2019-09-20	133.18	133.32	133.18	133.60	0.68	0.04	133.54	133.62	130.60	
G 1 Comdty	2019-09-23	134.46	134.46	134.41	133.46	0.69	0.04	133.75	133.67	130.66	
G 1 Comdty	2019-09-24	134.55	134.55	134.55	134.51	0.66	0.04	133.93	133.72	130.72	
G 1 Comdty	2019-09-25	135.05	135.06	134.95	134.55	0.64	0.05	134.08	133.77	130.77	
G 1 Comdty	2019-09-26	134.76	134.76	134.69	135.17	0.62	0.05	134.20	133.82	130.83	
G 1 Comdty	2019-09-27	133.75	134.48	133.75	134.83	0.63	0.05	134.18	133.83	130.87	
G 1 Comdty	2019-09-30	133.90	134.50	133.90	135.21	0.63	0.06	134.19	133.85	130.92	
G 1 Comdty	2019-10-01	134.11	134.56	133.30	135.10	0.66	0.06	134.24	133.88	130.97	
G 1 Comdty	2019-10-02	134.09	134.33	133.81	135.82	0.66	0.06	134.24	133.90	131.01	
G 1 Comdty	2019-10-03	134.43	134.93	134.31	134.85	0.67	0.06	134.27	133.92	131.06	
G 1 Comdty	2019-10-04	134.61	134.95	134.54	135.55	0.66	0.05	134.39	133.97	131.11	
G 1 Comdty	2019-10-07	134.80	134.95	134.61	135.36	0.64	0.05	134.45	134.01	131.16	
G 1 Comdty	2019-10-08	134.62	135.24	134.51	135.29	0.65	0.05	134.58	134.07	131.22	
G 1 Comdty	2019-10-09	135.01	135.10	134.50	135.97	0.65	0.05	134.59	134.09	131.27	
G 1 Comdty	2019-10-10	134.50	134.67	132.99	135.70	0.70	0.04	134.41	134.07	131.30	
G 1 Comdty	2019-10-11	133.20	133.55	131.66	136.35	0.76	0.04	133.94	133.96	131.30	
G 1 Comdty	2019-10-14	132.48	132.90	132.34	135.44	0.78	0.04	133.68	133.89	131.32	
G 1 Comdty	2019-10-15	132.52	132.95	131.64	133.46	0.81	0.05	133.35	133.79	131.33	
G 1 Comdty	2019-10-16	132.12	132.84	131.47	134.26	0.84	0.06	133.11	133.70	131.34	

	Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
G 1 Comdty	133.42	132.76	132.81	132.88	132.93	133.00	133.05	46.20	83.22	39.46	28.08	1	
G 1 Comdty	133.56	133.35	133.35	133.38	133.38	133.41	133.41	48.08	97.08	54.74	40.38	1	
G 1 Comdty	133.61	133.57	133.59	133.57	133.59	133.57	133.59	49.26	100.00	75.84	56.68	1	
G 1 Comdty	134.68	133.28	133.23	133.42	133.37	133.56	133.51	63.87	100.00	89.23	73.27	1	
G 1 Comdty	134.72	134.52	134.47	134.57	134.52	134.62	134.57	64.73	100.00	100.00	88.85	1	
G 1 Comdty	134.79	134.66	134.61	134.66	134.61	134.66	134.61	65.15	85.64	100.00	97.57	1	
G 1 Comdty	134.71	134.70	134.82	134.81	134.93	134.92	135.04	63.31	81.38	98.84	100.00	1	
G 1 Comdty	134.08	134.61	134.65	134.68	134.72	134.75	134.79	49.01	25.19	83.66	94.83	1	
G 1 Comdty	134.24	133.00	133.37	133.73	134.10	134.46	134.83	52.47	37.40	68.41	83.64	1	
G 1 Comdty	134.50	133.33	133.61	133.93	134.21	134.53	134.81	56.89	68.18	59.56	70.54	1	
G 1 Comdty	134.21	132.42	132.86	133.68	134.12	134.94	135.38	49.96	62.33	54.90	60.95	1	
G 1 Comdty	134.42	133.38	133.60	133.90	134.12	134.42	134.64	55.62	68.71	52.36	55.61	1	
G 1 Comdty	134.90	133.56	133.93	134.18	134.55	134.80	135.17	64.60	96.97	66.72	57.99	1	
G 1 Comdty	134.76	134.23	134.39	134.64	134.80	135.05	135.21	59.08	88.48	76.94	65.34	1	
G 1 Comdty	135.17	134.26	134.43	134.60	134.77	134.94	135.11	66.61	95.10	82.32	75.32	1	
G 1 Comdty	134.62	133.98	134.24	134.71	134.97	135.44	135.70	52.53	33.33	76.52	78.59	1	
G 1 Comdty	133.62	133.78	134.14	134.38	134.74	134.98	135.34	35.73	28.00	68.38	75.74	1	
G 1 Comdty	131.80	131.17	132.08	132.85	133.76	134.53	135.44	21.32	3.91	49.77	64.89	1	
G 1 Comdty	132.54	129.23	130.45	131.12	132.34	133.01	134.23	33.75	24.58	36.99	51.71	1	
G 1 Comdty	131.86	131.73	132.03	132.29	132.59	132.85	133.15	29.02	6.36	19.24	35.33	1	
G 1 Comdty	132.01	130.04	130.84	131.35	132.15	132.66	133.46	31.75	16.87	15.95	24.06	1	

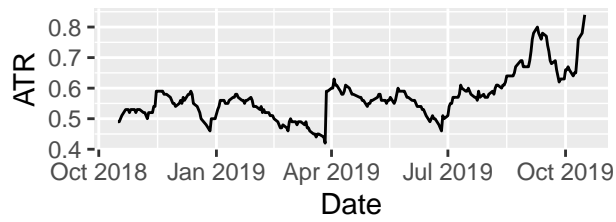
G1 Price Range



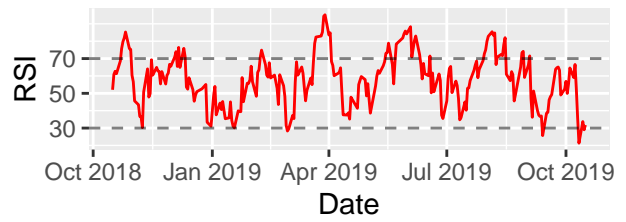
G1 Daily Close



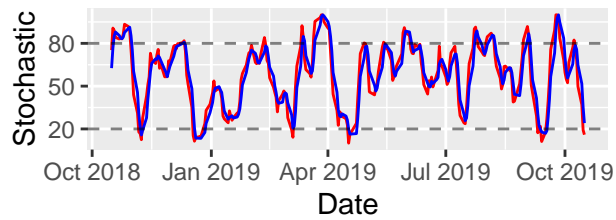
G1 ATR



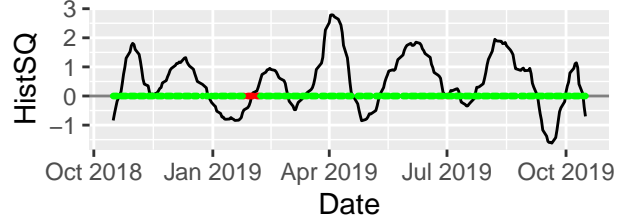
G1 RSI



G1 Stochastic



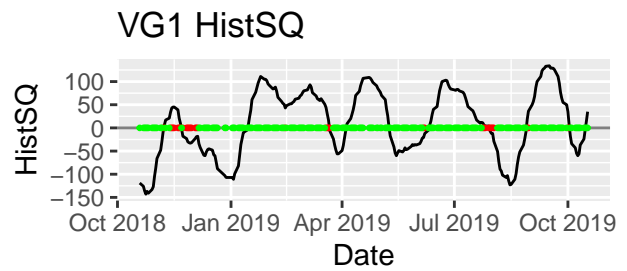
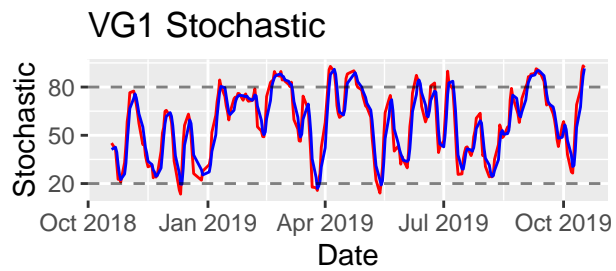
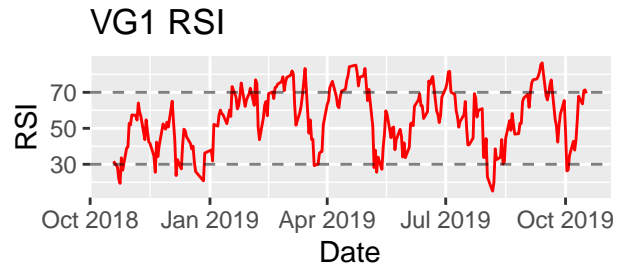
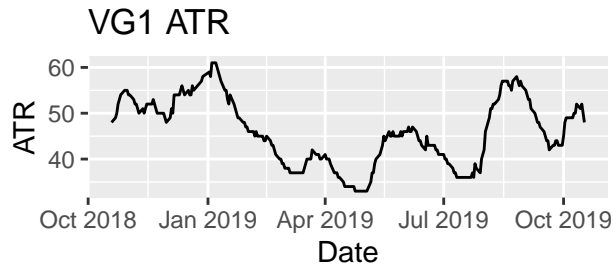
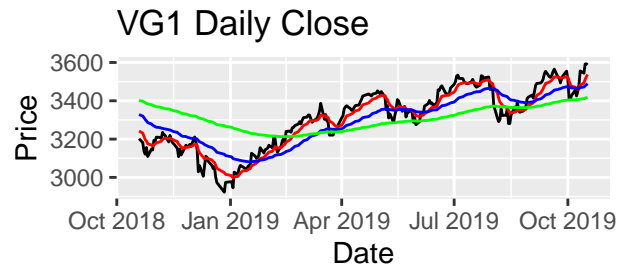
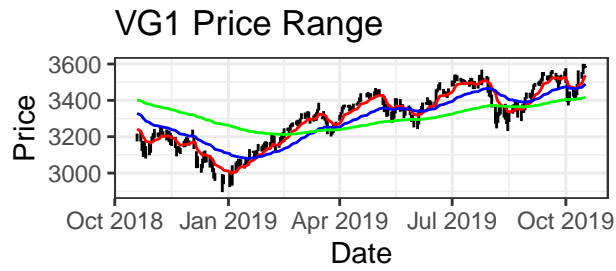
G1 HistSQ



VG1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
VG1 Index	2019-09-19	3535	3559	3523	3560	44	5	3516	3450	3390
VG1 Index	2019-09-20	3545	3567	3545	3595	42	5	3525	3456	3392
VG1 Index	2019-09-23	3549	3551	3510	3589	43	5	3524	3459	3394
VG1 Index	2019-09-24	3536	3538	3497	3592	43	5	3523	3462	3396
VG1 Index	2019-09-25	3508	3515	3464	3579	44	5	3518	3463	3397
VG1 Index	2019-09-26	3498	3532	3488	3566	44	4	3518	3466	3399
VG1 Index	2019-09-27	3530	3541	3509	3576	43	4	3520	3469	3401
VG1 Index	2019-09-30	3524	3560	3523	3573	43	4	3526	3473	3403
VG1 Index	2019-10-01	3557	3577	3496	3597	45	3	3524	3475	3404
VG1 Index	2019-10-02	3506	3508	3391	3658	48	3	3503	3472	3404
VG1 Index	2019-10-03	3404	3422	3372	3625	49	3	3485	3469	3404
VG1 Index	2019-10-04	3420	3449	3393	3472	49	2	3475	3467	3405
VG1 Index	2019-10-07	3440	3469	3421	3505	49	2	3471	3466	3405
VG1 Index	2019-10-08	3454	3470	3411	3517	49	2	3463	3464	3406
VG1 Index	2019-10-09	3421	3469	3414	3529	50	2	3460	3463	3406
VG1 Index	2019-10-10	3444	3490	3428	3524	50	3	3464	3464	3407
VG1 Index	2019-10-11	3482	3565	3478	3552	52	3	3481	3469	3409
VG1 Index	2019-10-14	3548	3556	3519	3652	51	3	3493	3472	3411
VG1 Index	2019-10-15	3546	3601	3545	3593	52	3	3511	3478	3414
VG1 Index	2019-10-16	3590	3600	3576	3657	50	3	3526	3484	3416
VG1 Index	2019-10-17	3582	3589	3580	3624	48	3	3537	3489	3418

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
VG1 Index	3552.00	3500	3509	3521	3530	3542	3551	74.03	86.79	69.85	71.27	1
VG1 Index	3565.17	3494	3509	3530	3545	3566	3581	76.87	97.00	69.76	69.46	1
VG1 Index	3524.00	3529	3537	3551	3559	3573	3581	55.06	29.51	63.35	67.65	1
VG1 Index	3518.00	3465	3487	3506	3528	3547	3569	51.28	30.00	59.81	64.31	1
VG1 Index	3493.00	3456	3477	3497	3518	3538	3559	42.33	28.16	54.29	59.15	1
VG1 Index	3517.00	3415	3440	3466	3491	3517	3542	51.71	51.46	47.22	53.78	1
VG1 Index	3530.00	3449	3468	3493	3512	3537	3556	57.86	75.86	43.00	48.17	1
VG1 Index	3555.00	3480	3495	3512	3527	3544	3559	65.46	94.79	56.05	48.76	1
VG1 Index	3512.00	3495	3509	3532	3546	3569	3583	47.76	42.48	58.55	52.53	0
VG1 Index	3408.00	3399	3447	3480	3528	3561	3609	26.34	9.14	54.75	56.45	0
VG1 Index	3406.00	3246	3319	3363	3436	3480	3553	26.79	16.59	47.77	53.69	1
VG1 Index	3428.00	3328	3350	3378	3400	3428	3450	34.81	27.32	38.06	46.86	1
VG1 Index	3455.00	3342	3367	3398	3423	3454	3479	42.77	40.49	27.20	37.68	1
VG1 Index	3425.00	3380	3400	3428	3448	3476	3496	37.87	38.97	26.50	30.59	1
VG1 Index	3447.00	3342	3376	3401	3435	3460	3494	43.68	76.53	39.98	31.23	1
VG1 Index	3485.00	3363	3388	3418	3443	3473	3498	54.68	94.85	55.63	40.70	1
VG1 Index	3556.00	3383	3406	3445	3468	3507	3530	67.85	94.16	69.00	54.87	1
VG1 Index	3544.00	3414	3446	3501	3533	3588	3620	63.57	86.36	78.17	67.60	1
VG1 Index	3592.00	3486	3503	3523	3540	3560	3577	70.96	95.19	89.42	78.86	1
VG1 Index	3593.00	3502	3523	3558	3579	3614	3635	71.38	95.38	93.19	86.93	1
VG1 Index	3588.00	3555	3566	3579	3590	3603	3614	69.42	89.43	92.10	91.57	1

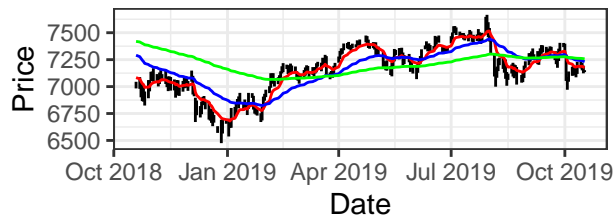


Z 1

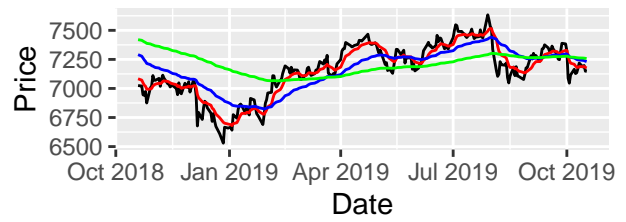
Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
Z 1 Index	2019-09-19	7307.0	7373.5	7287.5	7404.0	91.3	4.9	7318.0	7284.8	7272.7
Z 1 Index	2019-09-20	7332.0	7368.5	7312.5	7459.5	89.5	5.3	7321.8	7287.4	7273.6
Z 1 Index	2019-09-23	7315.5	7326.0	7245.5	7424.5	89.7	5.4	7316.6	7287.7	7273.8
Z 1 Index	2019-09-24	7325.5	7327.0	7208.0	7406.5	91.2	5.4	7304.9	7286.0	7273.6
Z 1 Index	2019-09-25	7238.0	7277.0	7174.5	7446.0	91.8	5.3	7294.5	7284.1	7273.2
Z 1 Index	2019-09-26	7272.0	7352.0	7237.5	7379.5	92.9	5.0	7299.0	7285.8	7273.8
Z 1 Index	2019-09-27	7337.0	7406.0	7321.0	7466.5	92.6	4.9	7315.3	7290.8	7275.4
Z 1 Index	2019-09-30	7373.5	7405.0	7366.0	7491.0	89.9	4.7	7327.7	7295.4	7276.9
Z 1 Index	2019-10-01	7391.0	7398.5	7273.0	7444.0	91.7	4.3	7327.0	7296.8	7277.6
Z 1 Index	2019-10-02	7288.5	7297.0	7052.5	7524.0	100.7	4.2	7283.7	7286.6	7274.9
Z 1 Index	2019-10-03	7074.0	7088.5	6970.5	7541.5	101.5	4.1	7240.4	7274.8	7271.8
Z 1 Index	2019-10-04	7085.0	7140.0	7045.0	7206.5	101.2	4.2	7217.8	7267.1	7269.6
Z 1 Index	2019-10-07	7129.0	7184.5	7100.0	7235.0	100.4	4.2	7208.2	7262.1	7268.2
Z 1 Index	2019-10-08	7158.5	7195.0	7104.0	7269.0	99.9	4.1	7193.6	7255.6	7266.3
Z 1 Index	2019-10-09	7105.5	7166.0	7105.5	7286.0	97.9	4.1	7183.0	7249.7	7264.5
Z 1 Index	2019-10-10	7115.0	7188.5	7086.0	7226.5	98.2	4.1	7181.2	7246.0	7263.2
Z 1 Index	2019-10-11	7137.0	7229.0	7117.5	7291.0	98.8	4.1	7188.0	7244.6	7262.6
Z 1 Index	2019-10-14	7217.0	7233.5	7168.0	7340.5	97.2	4.1	7187.4	7241.7	7261.5
Z 1 Index	2019-10-15	7211.5	7219.0	7150.5	7299.0	95.7	4.1	7189.3	7239.6	7260.6
Z 1 Index	2019-10-16	7181.5	7194.0	7123.0	7287.5	94.7	4.1	7181.8	7235.1	7259.1
Z 1 Index	2019-10-17	7143.0	7152.0	7134.5	7265.0	90.8	4.1	7176.1	7231.0	7257.6

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
Z 1 Index	7364.5	7242.7	7270.8	7295.2	7323.3	7347.7	7375.8	64.76	81.05	64.89	68.50	1
Z 1 Index	7339.0	7224.2	7255.8	7310.2	7341.8	7396.2	7427.8	57.45	59.88	57.91	62.33	1
Z 1 Index	7293.0	7255.5	7284.0	7311.5	7340.0	7367.5	7396.0	46.33	37.11	49.32	57.37	1
Z 1 Index	7252.5	7169.8	7207.7	7250.3	7288.2	7330.8	7368.7	38.75	26.89	46.82	51.35	0
Z 1 Index	7247.5	7079.0	7143.5	7198.0	7262.5	7317.0	7381.5	37.79	36.68	48.32	48.16	0
Z 1 Index	7319.5	7086.5	7130.5	7189.0	7233.0	7291.5	7335.5	55.31	74.74	47.06	47.40	0
Z 1 Index	7388.5	7139.5	7188.5	7254.0	7303.0	7368.5	7417.5	66.02	92.44	53.57	49.65	0
Z 1 Index	7383.5	7252.7	7286.8	7337.7	7371.8	7422.7	7456.8	64.54	90.28	64.21	54.95	0
Z 1 Index	7324.0	7325.7	7345.8	7364.7	7384.8	7403.7	7423.8	50.76	64.58	71.75	63.18	0
Z 1 Index	7088.5	7139.7	7206.3	7265.2	7331.8	7390.7	7457.3	25.37	10.18	66.45	67.47	0
Z 1 Index	7045.5	6750.5	6901.5	6995.0	7146.0	7239.5	7390.5	22.97	17.22	54.94	64.38	1
Z 1 Index	7116.5	6863.2	6916.8	6981.2	7034.8	7099.2	7152.8	34.98	33.60	43.17	54.85	1
Z 1 Index	7165.0	6966.0	7005.5	7061.0	7100.5	7156.0	7195.5	42.17	45.44	34.21	44.11	1
Z 1 Index	7128.0	7030.7	7065.3	7115.2	7149.8	7199.7	7234.3	38.37	48.24	30.94	36.11	1
Z 1 Index	7135.0	6998.7	7051.3	7089.7	7142.3	7180.7	7233.3	39.61	73.27	43.56	36.23	1
Z 1 Index	7173.0	7044.5	7075.0	7105.0	7135.5	7165.5	7196.0	46.17	85.33	57.18	43.89	1
Z 1 Index	7218.5	7007.3	7046.7	7109.8	7149.2	7212.3	7251.7	53.27	92.66	68.99	56.57	1
Z 1 Index	7185.0	7036.2	7076.8	7147.7	7188.3	7259.2	7299.8	47.86	67.12	73.32	66.50	1
Z 1 Index	7197.5	7092.0	7130.0	7157.5	7195.5	7223.0	7261.0	50.12	75.59	78.80	73.70	1
Z 1 Index	7148.0	7090.5	7120.5	7159.0	7189.0	7227.5	7257.5	41.86	42.03	72.55	74.89	1
Z 1 Index	7150.5	7045.0	7084.0	7116.0	7155.0	7187.0	7226.0	42.47	28.45	61.17	70.84	1

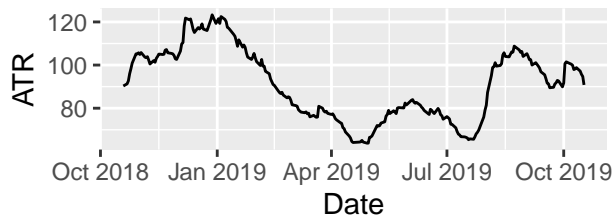
Z1 Price Range



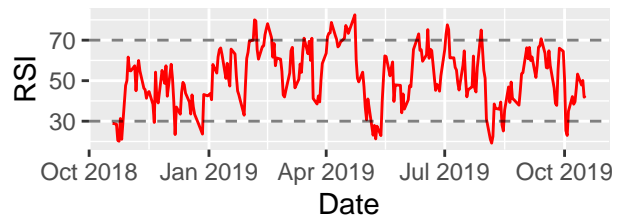
Z1 Daily Close



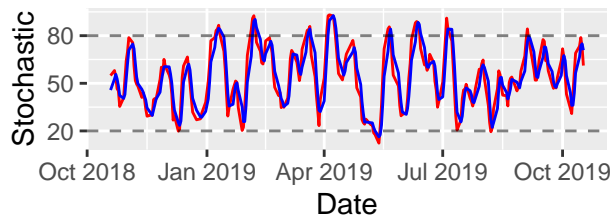
Z1 ATR



Z1 RSI



Z1 Stochastic



Z1 HistSQ

