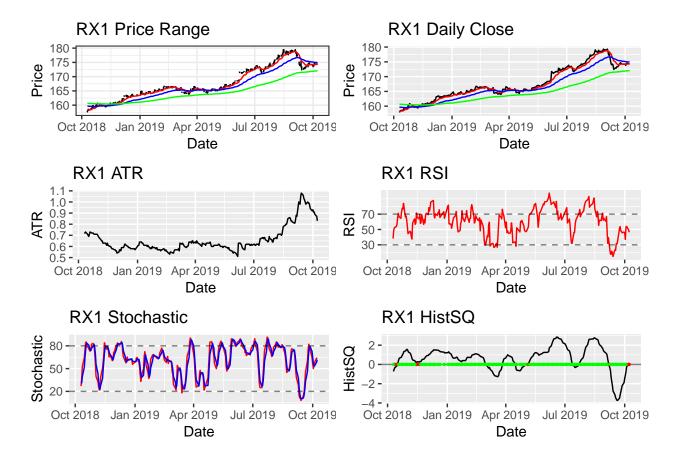
Trading SWAT Notebook

RX1

Date	Open	High	Low	Close	ATR	$\operatorname{sd.ATR}$	EMA10	EMA40	EMA144	RSI
2019-09-10	174.31	174.52	173.75	173.98	0.99	0.06	176.95	176.47	171.43	17.51
2019-09-11	173.80	174.38	173.65	174.24	0.98	0.06	176.46	176.36	171.47	21.61
2019-09-12	174.03	175.62	173.23	173.93	1.05	0.07	176.00	176.24	171.51	20.21
2019-09-13	173.52	173.63	172.18	172.44	1.08	0.08	175.35	176.05	171.52	14.83
2019-09-16	172.51	173.13	172.40	172.98	1.06	0.09	174.92	175.90	171.54	23.45
2019-09-17	172.99	173.16	172.67	172.87	1.03	0.09	174.55	175.76	171.56	22.90
2019-09-18	172.87	173.48	172.65	173.37	1.02	0.09	174.33	175.64	171.58	31.43
2019-09-19	173.07	173.40	172.86	173.30	1.00	0.09	174.15	175.53	171.61	30.87
2019-09-20	173.32	173.84	173.23	173.47	0.98	0.09	174.02	175.43	171.63	34.18
2019-09-23	173.60	174.64	173.29	174.54	1.00	0.09	174.12	175.38	171.67	51.31
2019-09-24	174.19	174.88	174.03	174.73	0.99	0.09	174.23	175.35	171.71	53.80
2019-09-25	174.88	174.97	173.93	174.36	0.99	0.09	174.25	175.30	171.75	48.20
2019-09-26	174.11	174.46	174.03	174.32	0.97	0.08	174.26	175.25	171.79	47.58
2019-09-27	174.35	174.54	174.05	174.21	0.94	0.08	174.25	175.20	171.82	45.68
2019-09-30	174.35	174.36	173.77	174.25	0.92	0.07	174.25	175.16	171.85	46.58
2019-10-01	174.23	174.25	173.31	174.20	0.93	0.06	174.24	175.11	171.89	45.48
2019-10-02	173.86	174.04	173.60	173.79	0.91	0.06	174.16	175.05	171.91	37.07
2019-10-03	173.88	174.78	173.88	174.46	0.91	0.05	174.22	175.02	171.95	53.47
2019-10-04	174.53	174.75	174.33	174.49	0.89	0.05	174.27	174.99	171.98	54.10
2019-10-07	174.54	174.72	174.17	174.31	0.87	0.06	174.27	174.96	172.01	49.45
2019-10-08	174.24	174.24	174.17	174.19	0.83	0.06	174.26	174.92	172.04	46.35

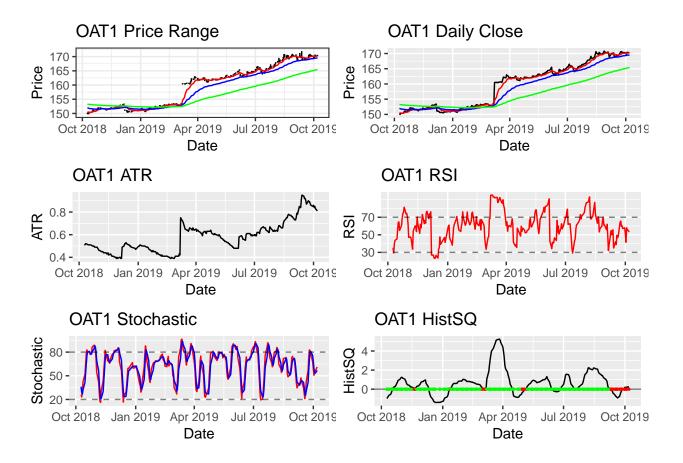
Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-09-10	172.74	173.47	173.85	174.58	174.96	175.69	176.41	4.38	15.38	27.19	1	-1.26
2019-09-11	172.88	173.31	173.65	174.08	174.42	174.85	175.29	11.99	11.38	18.30	1	-1.75
2019-09-12	173.07	173.36	173.80	174.09	174.53	174.82	175.11	15.38	11.94	12.90	1	-2.16
2019-09-13	170.51	171.87	172.90	174.26	175.29	176.65	178.01	7.56	8.05	10.46	1	-2.74
2019-09-16	170.42	171.30	171.87	172.75	173.32	174.20	175.08	23.26	12.51	10.83	1	-3.16
2019-09-17	171.81	172.11	172.54	172.84	173.27	173.57	173.86	20.06	15.65	12.07	1	-3.45
2019-09-18	172.15	172.41	172.64	172.90	173.13	173.39	173.65	34.59	20.17	16.11	1	-3.58
2019-09-19	172.02	172.34	172.85	173.17	173.68	174.00	174.31	77.24	32.54	22.79	1	-3.72
2019-09-20	172.43	172.65	172.97	173.19	173.51	173.73	173.94	74.31	45.89	32.87	1	-3.74
2019-09-23	172.58	172.90	173.19	173.51	173.80	174.12	174.45	94.97	60.23	46.22	1	-3.51
2019-09-24	172.32	172.81	173.67	174.16	175.02	175.51	175.99	93.27	74.88	60.33	1	-3.17
2019-09-25	173.36	173.70	174.21	174.55	175.06	175.40	175.73	71.09	82.18	72.43	1	-2.85
2019-09-26	172.83	173.38	173.87	174.42	174.91	175.46	176.01	62.64	79.26	78.77	1	-2.55
2019-09-27	173.65	173.84	174.08	174.27	174.51	174.70	174.89	54.76	75.35	78.93	1	-2.22
2019-09-30	173.50	173.78	173.99	174.27	174.48	174.76	175.03	40.00	64.35	72.99	1	-1.88
2019-10-01	173.30	173.54	173.89	174.13	174.48	174.72	174.95	53.61	56.42	65.37	1	-1.45
2019-10-02	172.65	172.98	173.59	173.92	174.53	174.86	175.19	39.02	50.01	56.93	1	-1.13
2019-10-03	173.14	173.37	173.58	173.81	174.02	174.25	174.48	78.23	53.13	53.19	1	-0.74
2019-10-04	173.07	173.47	173.97	174.37	174.87	175.27	175.68	80.27	58.23	53.79	0	-0.22
2019-10-07	173.88	174.10	174.30	174.52	174.72	174.94	175.17	68.03	63.83	58.40	0	0.00
2019-10-08	173.53	173.85	174.08	174.40	174.63	174.95	175.27	50.00	63.11	61.72	0	0.16



OAT1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-09-09	171.27	171.29	170.03	170.07	0.85	0.04	169.85	168.59	163.90	54.55
2019-09-10	170.17	170.35	169.65	169.80	0.84	0.04	169.84	168.65	163.98	50.15
2019-09-11	169.72	170.29	169.47	170.17	0.84	0.04	169.90	168.73	164.06	55.01
2019-09-12	169.96	171.95	169.57	170.18	0.91	0.05	169.95	168.80	164.15	55.66
2019-09-13	169.52	169.63	168.58	168.76	0.95	0.06	169.73	168.80	164.21	34.98
2019-09-16	168.94	169.39	168.64	169.20	0.94	0.06	169.64	168.82	164.28	42.09
2019-09-17	169.13	169.33	168.74	168.93	0.92	0.07	169.51	168.82	164.35	38.94
2019-09-18	168.82	169.64	168.82	169.52	0.92	0.07	169.51	168.85	164.42	49.46
2019-09-19	169.40	169.51	168.88	169.37	0.90	0.07	169.48	168.88	164.49	46.63
2019-09-20	169.43	169.58	169.25	169.42	0.87	0.07	169.47	168.91	164.55	47.98
2019-09-23	169.55	170.66	169.25	170.55	0.90	0.07	169.67	168.99	164.64	64.44
2019-09-24	170.31	170.70	170.04	170.64	0.89	0.07	169.85	169.07	164.72	65.71
2019 - 09 - 25	170.67	170.97	170.00	170.36	0.89	0.07	169.94	169.13	164.80	59.56
2019-09-26	170.14	170.58	170.04	170.42	0.87	0.07	170.03	169.19	164.87	60.19
2019-09-27	170.36	170.63	170.06	170.29	0.86	0.06	170.07	169.25	164.95	57.01
2019-09-30	170.35	170.46	169.83	170.31	0.85	0.06	170.12	169.30	165.02	58.06
2019-10-01	169.99	170.21	169.29	170.13	0.86	0.05	170.12	169.34	165.09	51.66
2019-10-02	169.75	170.02	169.54	169.73	0.84	0.04	170.05	169.36	165.16	41.46
2019-10-03	169.86	170.69	169.86	170.41	0.85	0.04	170.11	169.41	165.23	57.94
2019-10-04	170.39	170.67	170.30	170.35	0.83	0.03	170.16	169.46	165.30	56.10
2019-10-07	170.33	170.61	170.15	170.23	0.81	0.04	170.17	169.49	165.37	53.35

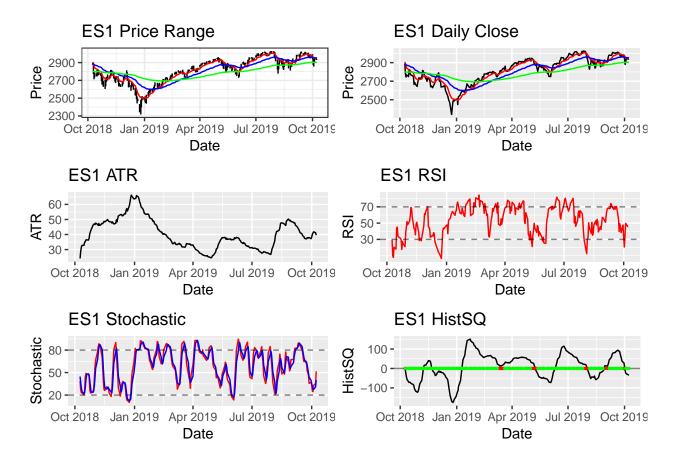
Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-09-09	168.46	168.66	168.91	169.11	169.36	169.56	169.76	56.74	40.68	38.51	0	0.03
2019-09-10	168.38	169.20	169.64	170.46	170.90	171.72	172.55	47.16	39.14	38.16	0	-0.12
2019-09-11	168.82	169.23	169.52	169.93	170.22	170.63	171.05	60.28	42.36	40.73	0	-0.14
2019-09-12	168.84	169.16	169.66	169.98	170.48	170.80	171.11	42.72	47.30	42.93	0	-0.13
2019-09-13	166.80	168.19	169.18	170.57	171.56	172.95	174.33	5.34	42.45	44.04	0	-0.40
2019-09-16	167.30	167.94	168.35	168.99	169.40	170.04	170.68	18.40	34.78	41.51	0	-0.59
2019-09-17	168.01	168.33	168.76	169.08	169.51	169.83	170.14	10.39	27.43	34.88	0	-0.74
2019-09-18	168.08	168.41	168.67	169.00	169.26	169.59	169.92	27.89	20.95	27.72	0	-0.76
2019-09-19	168.19	168.51	169.01	169.33	169.83	170.15	170.46	74.53	27.31	25.23	0	-0.86
2019-09-20	168.37	168.62	169.00	169.25	169.63	169.88	170.14	78.00	41.84	30.03	0	-0.92
2019-09-23	168.92	169.09	169.25	169.42	169.58	169.75	169.91	94.27	57.02	42.06	0	-0.75
2019-09-24	168.24	168.74	169.65	170.15	171.06	171.56	172.07	96.81	74.30	57.72	0	-0.52
2019-09-25	169.56	169.80	170.22	170.46	170.88	171.12	171.36	70.81	82.88	71.40	0	-0.32
2019-09-26	168.95	169.47	169.92	170.44	170.89	171.41	171.94	68.02	81.58	79.59	0	-0.16
2019-09-27	169.57	169.81	170.11	170.35	170.65	170.89	171.12	60.47	78.08	80.85	0	-0.03
2019-09-30	169.45	169.76	170.02	170.33	170.59	170.90	171.20	42.11	67.64	75.77	0	0.09
2019-10-01	169.31	169.57	169.94	170.20	170.57	170.83	171.09	50.00	58.28	68.00	0	0.20
2019-10-02	168.62	168.96	169.54	169.88	170.46	170.80	171.13	32.84	50.69	58.87	0	0.19
2019-10-03	169.03	169.28	169.51	169.76	169.99	170.24	170.50	80.00	53.08	54.02	0	0.20
2019-10-04	169.12	169.49	169.95	170.32	170.78	171.15	171.52	75.71	56.13	53.30	0	0.21
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



ES1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-09-10	2979.25	2985.00	2957.25	2978.50	44.1	1.6	2947.1	2929.9	2882.7	67.97
2019-09-11	2979.00	3004.25	2972.00	3002.00	43.5	1.7	2957.1	2933.5	2884.3	74.04
2019-09-12	3003.00	3021.75	3001.00	3011.75	42.4	2.0	2967.0	2937.3	2886.1	73.15
2019-09-13	3010.00	3023.75	3003.50	3006.50	41.3	2.4	2974.2	2940.7	2887.8	70.01
2019-09-16	2993.50	3003.25	2981.25	2999.00	40.5	2.7	2978.7	2943.5	2889.3	66.69
2019-09-17	3001.75	3006.50	2991.50	3005.50	39.2	3.1	2983.6	2946.5	2890.9	70.39
2019-09-18	3006.00	3011.00	2978.50	3006.25	38.9	3.4	2987.7	2949.4	2892.5	67.35
2019-09-19	3008.00	3022.25	2988.75	3006.00	38.6	3.7	2991.0	2952.2	2894.1	70.24
2019-09-20	3005.50	3015.50	3001.75	3013.61	37.4	4.1	2995.1	2955.2	2895.7	70.44
2019-09-23	2995.75	3008.25	2982.00	2997.00	37.1	4.3	2995.5	2957.2	2897.1	55.08
2019-09-24	3001.00	3012.25	2958.50	2970.25	37.9	4.3	2990.9	2957.9	2898.1	39.62
2019-09-25	2971.00	2991.75	2953.75	2986.25	37.9	4.2	2990.0	2959.2	2899.3	49.24
2019-09-26	2985.75	2995.00	2964.25	2980.50	37.6	4.1	2988.3	2960.3	2900.4	45.40
2019-09-27	2979.75	2993.00	2946.25	2963.75	38.0	3.9	2983.8	2960.5	2901.3	38.41
2019-09-30	2976.00	2986.25	2964.50	2978.50	37.2	3.7	2982.9	2961.3	2902.4	47.68
2019-10-01	2984.00	2994.50	2937.00	2937.75	38.3	3.5	2974.7	2960.2	2902.9	31.31
2019-10-02	2942.25	2949.00	2874.00	2880.50	40.1	3.1	2957.5	2956.3	2902.6	20.67
2019-10-03	2883.75	2912.50	2855.00	2911.75	41.0	2.7	2949.2	2954.1	2902.7	34.64
2019-10-04	2911.50	2953.25	2896.75	2951.00	41.8	2.3	2949.5	2954.0	2903.4	49.77
2019-10-07	2929.75	2959.50	2928.00	2937.50	41.2	2.1	2947.4	2953.2	2903.8	45.92
2019-10-08	2934.50	2942.75	2933.75	2942.75	39.6	1.8	2946.5	2952.7	2904.4	45.97

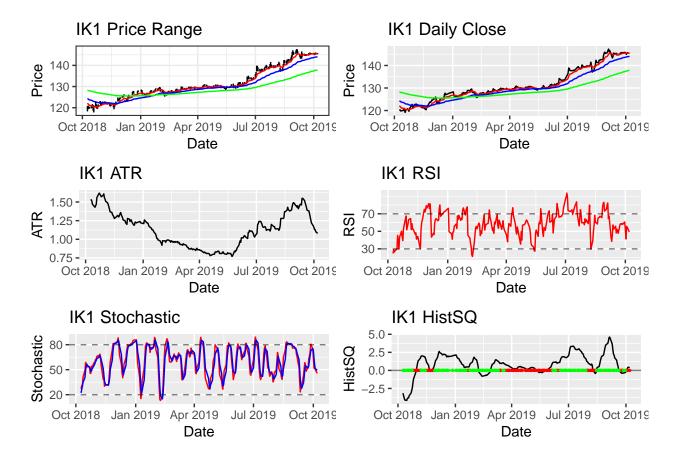
Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	$_{ m SQ}$	histSQ
2019-09-10	2946.0	2957.8	2968.0	2979.8	2990.0	3001.8	3013.5	85.47	88.70	84.74	1	61.6
2019-09-11	2934.4	2945.8	2962.2	2973.6	2989.9	3001.3	3012.8	96.68	89.73	87.16	1	74.9
2019-09-12	2949.0	2960.5	2981.2	2992.8	3013.5	3025.0	3036.5	84.50	89.23	89.22	1	79.0
2019-09-13	2980.5	2990.8	3001.2	3011.5	3022.0	3032.2	3042.5	74.06	85.56	88.17	1	80.4
2019-09-16	2978.5	2991.0	2998.8	3011.2	3019.0	3031.5	3044.0	62.78	80.70	85.16	1	82.5
2019-09-17	2963.8	2972.5	2985.8	2994.5	3007.8	3016.5	3025.2	64.73	76.55	80.94	1	87.5
2019-09-18	2980.8	2986.2	2995.8	3001.2	3010.8	3016.2	3021.5	61.33	69.48	75.58	1	88.9
2019-09-19	2953.7	2966.1	2986.2	2998.6	3018.7	3031.1	3043.5	60.77	64.74	70.26	1	91.9
2019-09-20	2955.6	2972.2	2989.1	3005.7	3022.6	3039.2	3055.8	80.25	65.97	66.73	1	94.5
2019-09-23	2991.3	2996.5	3005.1	3010.3	3018.8	3024.0	3029.2	42.29	61.87	64.19	1	86.8
2019-09-24	2957.0	2969.5	2983.2	2995.8	3009.5	3022.0	3034.5	18.43	52.61	60.15	1	73.6
2019-09-25	2894.7	2926.6	2948.4	2980.3	3002.2	3034.1	3066.0	47.45	49.84	54.78	1	61.4
2019-09-26	2924.8	2939.2	2962.8	2977.2	3000.8	3015.2	3029.8	43.32	46.35	49.60	1	48.7
2019-09-27	2934.1	2949.2	2964.8	2979.9	2995.6	3010.7	3025.8	26.52	35.60	43.93	1	37.0
2019-09-30	2895.6	2920.9	2942.3	2967.7	2989.1	3014.4	3039.8	48.86	36.92	39.62	0	28.6
2019-10-01	2944.8	2954.7	2966.6	2976.4	2988.3	2998.2	3008.0	1.29	33.49	35.33	0	10.9
2019-10-02	2860.8	2898.9	2918.3	2956.4	2975.8	3013.9	3052.0	5.37	25.07	31.83	0	-12.4
2019-10-03	2778.3	2826.2	2853.3	2901.2	2928.3	2976.2	3024.0	40.68	24.54	27.70	1	-24.7
2019-10-04	2816.2	2835.6	2873.7	2893.1	2931.2	2950.6	2970.0	68.82	33.01	27.54	1	-27.7
2019-10-07	2857.6	2877.2	2914.1	2933.7	2970.6	2990.2	3009.8	59.14	35.06	30.87	1	-32.7
2019-10-08	2892.3	2910.2	2923.8	2941.7	2955.3	2973.2	2991.0	83.97	51.60	39.89	1	-35.7



IK1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-09-09	144.96	145.07	144.04	144.08	1.47	0.06	145.23	141.79	135.44	43.39
2019-09-10	144.22	144.63	143.20	143.34	1.47	0.05	144.89	141.87	135.55	38.52
2019-09-11	143.71	144.34	143.07	144.07	1.46	0.04	144.74	141.98	135.67	45.55
2019-09-12	144.25	146.61	143.21	145.57	1.55	0.04	144.89	142.15	135.81	57.27
2019-09-13	144.76	145.64	144.21	145.03	1.55	0.05	144.91	142.29	135.93	52.52
2019-09-16	145.00	145.56	144.59	145.45	1.52	0.05	145.01	142.45	136.06	55.84
2019-09-17	145.20	145.42	144.44	144.61	1.49	0.05	144.94	142.55	136.18	48.01
2019-09-18	144.42	145.36	144.42	145.10	1.46	0.05	144.97	142.68	136.31	52.54
2019-09-19	145.22	145.25	144.54	144.97	1.43	0.04	144.97	142.79	136.43	51.16
2019-09-20	145.18	145.33	144.55	144.66	1.39	0.04	144.91	142.88	136.54	47.67
2019-09-23	144.59	145.73	144.59	145.63	1.38	0.04	145.04	143.01	136.66	58.09
2019-09-24	145.45	145.77	145.32	145.69	1.34	0.05	145.16	143.14	136.79	58.69
2019-09-25	145.66	146.11	145.39	145.65	1.30	0.06	145.25	143.27	136.91	58.05
2019-09-26	145.49	145.79	145.45	145.72	1.26	0.07	145.33	143.39	137.03	58.96
2019-09-27	145.79	145.84	145.40	145.67	1.22	0.08	145.40	143.50	137.15	57.91
2019-09-30	145.80	145.90	145.38	145.84	1.18	0.10	145.48	143.61	137.27	60.69
2019-10-01	145.55	145.82	145.10	145.51	1.16	0.11	145.48	143.70	137.39	52.80
2019-10-02	145.19	145.39	144.83	144.90	1.13	0.12	145.38	143.76	137.49	41.23
2019-10-03	144.90	145.95	144.89	145.68	1.13	0.13	145.43	143.86	137.60	55.71
2019-10-04	145.69	146.10	145.51	145.62	1.10	0.14	145.47	143.94	137.71	54.50
2019-10-07	145.50	145.83	145.26	145.37	1.08	0.15	145.45	144.01	137.82	49.32

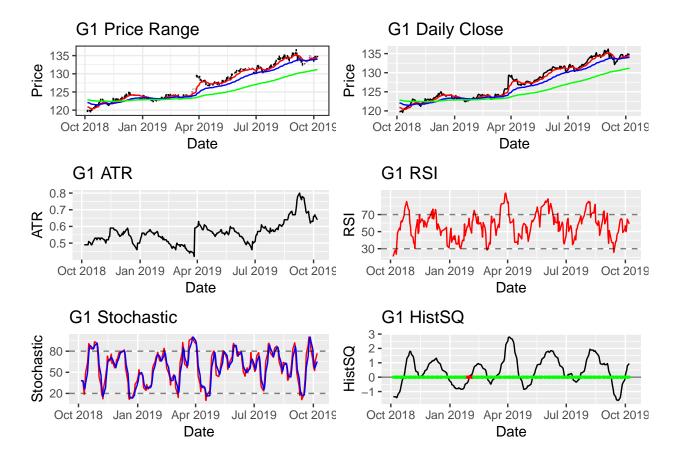
Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-09-09	145.48	145.73	146.12	146.37	146.76	147.01	147.25	1.09	52.47	62.27	1	3.66
2019-09-10	142.69	143.37	143.72	144.40	144.75	145.43	146.10	3.11	35.83	51.25	1	2.87
2019-09-11	141.39	142.29	142.82	143.72	144.25	145.15	146.06	22.32	23.29	37.20	1	2.28
2019-09-12	142.04	142.56	143.31	143.83	144.58	145.10	145.61	70.62	28.85	29.32	1	2.11
2019-09-13	140.25	141.73	143.65	145.13	147.05	148.53	150.01	55.37	30.50	27.55	1	1.75
2019-09-16	142.85	143.53	144.28	144.96	145.71	146.39	147.07	67.23	43.73	34.36	1	1.42
2019-09-17	143.87	144.23	144.84	145.20	145.81	146.17	146.53	43.50	51.81	42.01	1	0.99
2019-09-18	143.25	143.84	144.23	144.82	145.21	145.80	146.40	55.59	58.46	51.33	1	0.66
2019-09-19	143.62	144.02	144.56	144.96	145.50	145.90	146.30	53.15	54.97	55.08	1	0.31
2019-09-20	143.88	144.21	144.59	144.92	145.30	145.63	145.96	21.05	48.10	53.84	1	-0.06
2019-09-23	143.58	144.07	144.36	144.85	145.14	145.63	146.11	92.37	53.13	52.07	0	-0.30
2019-09-24	143.76	144.18	144.90	145.32	146.04	146.46	146.87	94.07	63.25	54.83	0	-0.39
2019-09-25	144.97	145.14	145.42	145.59	145.87	146.04	146.22	70.70	66.27	60.88	0	-0.40
2019-09-26	144.60	145.00	145.32	145.72	146.04	146.44	146.83	75.00	70.64	66.72	0	-0.36
2019-09-27	145.18	145.31	145.52	145.65	145.86	145.99	146.13	71.05	80.64	72.52	1	-0.37
2019-09-30	144.99	145.20	145.43	145.64	145.87	146.08	146.28	65.82	75.33	75.54	1	-0.30
2019-10-01	144.99	145.19	145.51	145.71	146.03	146.23	146.42	40.59	64.63	73.53	0	-0.16
2019-10-02	144.41	144.76	145.13	145.48	145.85	146.20	146.54	6.54	51.80	63.92	0	-0.06
2019-10-03	144.13	144.48	144.69	145.04	145.25	145.60	145.95	75.89	51.98	56.14	0	0.16
2019-10-04	144.00	144.45	145.06	145.51	146.12	146.57	147.01	62.20	50.21	51.33	0	0.42
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



G 1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-09-09	134.52	134.52	133.97	133.89	0.80	0.05	134.81	133.82	130.25	40.05
2019-09-10	133.75	133.75	133.46	133.57	0.78	0.05	134.59	133.81	130.30	37.44
2019-09-11	133.07	133.51	133.06	133.48	0.77	0.06	134.39	133.80	130.34	36.66
2019-09-12	133.64	133.66	133.08	133.48	0.76	0.05	134.22	133.78	130.39	36.96
2019-09-13	132.97	132.97	132.23	132.13	0.78	0.05	133.84	133.70	130.41	25.68
2019-09-16	132.71	132.71	132.71	132.94	0.77	0.05	133.68	133.66	130.45	38.61
2019-09-17	132.94	132.97	132.85	132.96	0.74	0.05	133.55	133.63	130.48	39.01
2019-09-18	133.37	133.37	133.34	133.42	0.72	0.05	133.52	133.62	130.52	46.20
2019-09-19	133.60	133.60	133.60	133.56	0.69	0.04	133.53	133.62	130.56	48.08
2019-09-20	133.18	133.32	133.18	133.61	0.68	0.04	133.54	133.62	130.60	49.26
2019-09-23	134.46	134.46	134.41	134.68	0.69	0.04	133.75	133.67	130.66	63.87
2019-09-24	134.55	134.55	134.55	134.72	0.66	0.04	133.93	133.72	130.72	64.73
2019 - 09 - 25	135.05	135.06	134.95	134.79	0.64	0.05	134.08	133.77	130.77	65.15
2019-09-26	134.76	134.76	134.69	134.71	0.62	0.05	134.20	133.82	130.83	63.31
2019-09-27	133.75	134.48	133.75	134.08	0.63	0.05	134.18	133.83	130.87	49.01
2019-09-30	133.90	134.50	133.90	134.24	0.63	0.06	134.19	133.85	130.92	52.47
2019-10-01	134.11	134.56	133.30	134.50	0.66	0.06	134.24	133.88	130.97	56.89
2019-10-02	134.09	134.33	133.81	134.21	0.66	0.06	134.24	133.90	131.01	49.96
2019-10-03	134.43	134.93	134.31	134.42	0.67	0.06	134.27	133.92	131.06	55.62
2019-10-04	134.61	134.95	134.54	134.90	0.66	0.05	134.39	133.97	131.11	64.60
2019-10-07	134.80	134.95	134.61	134.76	0.64	0.05	134.45	134.01	131.16	59.08

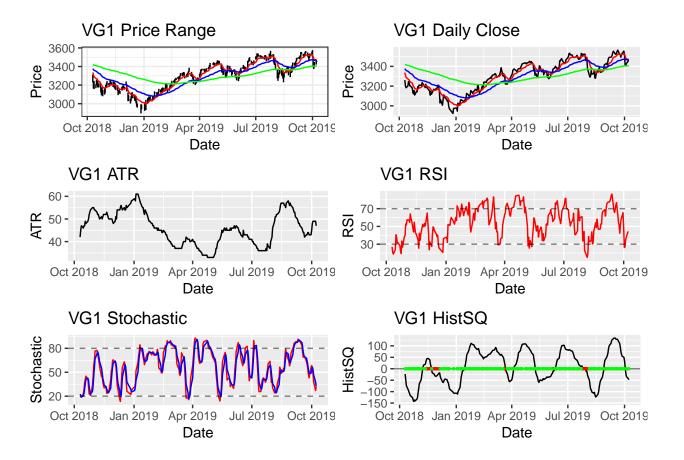
Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	$_{ m SQ}$	histSQ
2019-09-09	133.42	133.75	134.42	134.75	135.42	135.75	136.09	13.39	29.19	41.61	1	0.00
2019-09-10	133.18	133.58	133.73	134.13	134.28	134.68	135.07	5.39	17.28	30.54	1	-0.32
2019-09-11	133.15	133.30	133.44	133.59	133.73	133.88	134.04	20.69	20.40	22.29	1	-0.61
2019-09-12	132.74	132.90	133.19	133.35	133.64	133.80	133.96	20.69	21.80	19.82	1	-0.83
2019-09-13	132.57	132.83	133.15	133.41	133.73	133.99	134.24	0.00	11.16	17.78	1	-1.17
2019-09-16	131.18	131.70	131.92	132.44	132.66	133.18	133.71	46.71	17.82	16.93	1	-1.38
2019-09-17	132.86	132.79	132.86	132.79	132.86	132.79	132.71	51.05	26.95	18.65	1	-1.56
2019-09-18	132.76	132.81	132.88	132.93	133.00	133.05	133.09	83.22	39.46	28.08	1	-1.60
2019-09-19	133.35	133.35	133.38	133.38	133.41	133.41	133.40	97.08	54.74	40.38	1	-1.59
2019-09-20	133.57	133.59	133.57	133.59	133.57	133.59	133.60	100.00	75.84	56.68	1	-1.62
2019-09-23	133.28	133.23	133.42	133.37	133.56	133.51	133.46	100.00	89.23	73.27	1	-1.43
2019-09-24	134.52	134.47	134.57	134.52	134.62	134.57	134.51	100.00	100.00	88.85	1	-1.17
2019-09-25	134.66	134.61	134.66	134.61	134.66	134.61	134.55	85.64	100.00	97.57	1	-0.85
2019-09-26	134.70	134.82	134.81	134.93	134.92	135.04	135.17	81.38	98.84	100.00	1	-0.54
2019-09-27	134.61	134.65	134.68	134.72	134.75	134.79	134.83	25.19	83.66	94.83	1	-0.41
2019-09-30	133.00	133.37	133.73	134.10	134.46	134.83	135.21	37.40	68.41	83.64	1	-0.19
2019-10-01	133.33	133.61	133.93	134.21	134.53	134.81	135.10	68.18	59.56	70.54	1	0.14
2019-10-02	132.42	132.86	133.68	134.12	134.94	135.38	135.82	62.33	54.90	60.95	1	0.34
2019-10-03	133.38	133.60	133.90	134.12	134.42	134.64	134.85	68.71	52.36	55.61	1	0.48
2019-10-04	133.56	133.93	134.18	134.55	134.80	135.17	135.55	96.97	66.72	57.99	1	0.79
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



VG1

Date	Open	High	Low	Close	ATR	$\operatorname{sd.ATR}$	EMA10	EMA40	EMA144	RSI
2019-09-10	3496	3509	3478	3499.00	49	2	3451	3414	3375	78.92
2019-09-11	3491	3521	3491	3513.00	48	3	3463	3419	3377	81.35
2019-09-12	3530	3556	3504	3541.00	48	3	3477	3425	3379	85.33
2019-09-13	3541	3556	3534	3554.00	47	3	3491	3431	3382	86.41
2019-09-16	3532	3537	3511	3526.00	46	4	3497	3436	3384	68.35
2019-09-17	3521	3527	3506	3522.00	45	4	3502	3440	3386	65.75
2019-09-18	3524	3539	3518	3533.00	44	4	3507	3445	3388	69.14
2019-09-19	3535	3559	3523	3552.00	44	5	3516	3450	3390	74.03
2019-09-20	3545	3567	3545	3565.17	42	5	3525	3456	3392	76.87
2019-09-23	3549	3551	3510	3524.00	43	5	3524	3459	3394	55.06
2019-09-24	3536	3538	3497	3518.00	43	5	3523	3462	3396	51.28
2019-09-25	3508	3515	3464	3493.00	44	5	3518	3463	3397	42.33
2019-09-26	3498	3532	3488	3517.00	44	4	3518	3466	3399	51.71
2019-09-27	3530	3541	3509	3530.00	43	4	3520	3469	3401	57.86
2019-09-30	3524	3560	3523	3555.00	43	4	3526	3473	3403	65.46
2019-10-01	3557	3577	3496	3512.00	45	3	3524	3475	3404	47.76
2019-10-02	3506	3508	3391	3408.00	48	3	3503	3472	3404	26.34
2019-10-03	3404	3422	3372	3406.00	49	3	3485	3469	3404	26.79
2019-10-04	3420	3449	3393	3428.00	49	2	3475	3467	3405	34.81
2019-10-07	3440	3469	3421	3455.00	49	2	3471	3466	3405	42.77
2019-10-08	3454	3461	3454	3460.00	47	2	3469	3466	3406	44.43

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	SQ	histSQ
2019-09-10	3461	3472	3482	3493	3503	3514	3524	89.13	91.38	89.27	1	123
2019-09-11	3451	3464	3482	3495	3513	3526	3540	87.69	90.83	90.19	1	127
2019-09-12	3466	3478	3496	3508	3526	3538	3551	81.48	88.55	90.25	1	129
2019-09-13	3459	3482	3511	3534	3563	3586	3608	97.44	89.13	89.50	1	133
2019-09-16	3518	3526	3540	3548	3562	3570	3578	61.54	83.46	87.05	1	134
2019-09-17	3486	3499	3512	3525	3538	3551	3563	47.69	75.17	82.58	1	129
2019-09-18	3489	3497	3510	3518	3531	3539	3548	55.77	68.78	75.80	1	129
2019-09-19	3500	3509	3521	3530	3542	3551	3560	86.79	69.85	71.27	1	129
2019-09-20	3494	3509	3530	3545	3566	3581	3595	97.00	69.76	69.46	1	126
2019-09-23	3529	3537	3551	3559	3573	3581	3589	29.51	63.35	67.65	1	111
2019-09-24	3465	3487	3506	3528	3547	3569	3592	30.00	59.81	64.31	1	97
2019-09-25	3456	3477	3497	3518	3538	3559	3579	28.16	54.29	59.15	1	77
2019-09-26	3415	3440	3466	3491	3517	3542	3566	51.46	47.22	53.78	1	64
2019-09-27	3449	3468	3493	3512	3537	3556	3576	75.86	43.00	48.17	1	55
2019-09-30	3480	3495	3512	3527	3544	3559	3573	94.79	56.05	48.76	1	50
2019-10-01	3495	3509	3532	3546	3569	3583	3597	42.48	58.55	52.53	0	35
2019-10-02	3399	3447	3480	3528	3561	3609	3658	9.14	54.75	56.45	0	6
2019-10-03	3246	3319	3363	3436	3480	3553	3625	16.59	47.77	53.69	1	-18
2019-10-04	3328	3350	3378	3400	3428	3450	3472	27.32	38.06	46.86	1	-34
2019-10-07	3342	3367	3398	3423	3454	3479	3505	40.49	27.20	37.68	1	-43
2019-10-08	3380	3400	3428	3448	3476	3496	3517	64.71	31.65	32.30	1	-48



Z 1

Date	Open	High	Low	Close	ATR	sd.ATR	EMA10	EMA40	EMA144	RSI
2019-09-10	7246.0	7287.5	7202.0	7270.5	100.3	2.3	7238.4	7259.8	7265.3	57.51
2019-09-11	7283.0	7355.0	7277.0	7340.0	99.5	2.4	7256.9	7263.7	7266.4	66.60
2019-09-12	7382.5	7385.0	7304.5	7344.0	98.6	2.6	7272.7	7267.7	7267.4	66.99
2019-09-13	7370.5	7382.5	7318.0	7375.5	96.9	3.0	7291.4	7272.9	7268.9	70.71
2019-09-16	7307.0	7368.5	7306.5	7348.5	95.5	3.4	7301.8	7276.6	7270.0	63.49
2019-09-17	7338.0	7351.5	7292.5	7319.5	93.7	3.9	7305.0	7278.7	7270.7	56.44
2019-09-18	7315.5	7351.5	7299.0	7319.5	91.6	4.5	7307.7	7280.7	7271.4	56.23
2019-09-19	7307.0	7373.5	7287.5	7364.5	91.3	4.9	7318.0	7284.8	7272.7	64.76
2019-09-20	7332.0	7368.5	7312.5	7339.0	89.5	5.3	7321.8	7287.4	7273.6	57.45
2019-09-23	7315.5	7326.0	7245.5	7293.0	89.7	5.4	7316.6	7287.7	7273.9	46.33
2019-09-24	7325.5	7327.0	7208.0	7252.5	91.2	5.4	7304.9	7286.0	7273.6	38.75
2019-09-25	7238.0	7277.0	7174.5	7247.5	91.8	5.3	7294.5	7284.1	7273.2	37.79
2019-09-26	7272.0	7352.0	7237.5	7319.5	92.9	5.0	7299.0	7285.8	7273.8	55.31
2019-09-27	7337.0	7406.0	7321.0	7388.5	92.6	4.9	7315.3	7290.8	7275.4	66.02
2019-09-30	7373.5	7405.0	7366.0	7383.5	89.9	4.7	7327.7	7295.4	7276.9	64.54
2019-10-01	7391.0	7398.5	7273.0	7324.0	91.7	4.3	7327.0	7296.8	7277.6	50.76
2019-10-02	7288.5	7297.0	7052.5	7088.5	100.7	4.2	7283.7	7286.6	7274.9	25.37
2019-10-03	7074.0	7088.5	6970.5	7045.5	101.5	4.1	7240.4	7274.8	7271.8	22.97
2019-10-04	7085.0	7140.0	7045.0	7116.5	101.2	4.2	7217.8	7267.1	7269.6	34.98
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	7174.0	7154.5	7174.0	96.3	4.0	7202.0	7257.8	7266.9	43.53

Date	S3	S2	S1	Pivot	R1	R2	R3	fastK	fastD	slowD	$_{ m SQ}$	histSQ
2019-09-10	7062.3	7135.2	7183.8	7256.7	7305.3	7378.2	7451.0	45.07	52.02	61.36	1	98.7
2019-09-11	7133.7	7167.8	7219.2	7253.3	7304.7	7338.8	7373.0	90.20	52.01	54.26	1	131.3
2019-09-12	7215.0	7246.0	7293.0	7324.0	7371.0	7402.0	7433.0	77.60	56.92	53.65	1	147.3
2019-09-13	7223.5	7264.0	7304.0	7344.5	7384.5	7425.0	7465.5	94.81	64.89	57.94	1	159.3
2019-09-16	7270.3	7294.2	7334.8	7358.7	7399.3	7423.2	7447.0	80.05	77.54	66.45	1	166.4
2019-09-17	7251.8	7279.2	7313.8	7341.2	7375.8	7403.2	7430.5	39.35	76.40	72.94	1	171.6
2019-09-18	7231.8	7262.2	7290.8	7321.2	7349.8	7380.2	7410.5	29.19	64.20	72.72	1	166.9
2019-09-19	7242.7	7270.8	7295.2	7323.3	7347.7	7375.8	7404.0	81.05	64.89	68.50	1	174.2
2019-09-20	7224.2	7255.8	7310.2	7341.8	7396.2	7427.8	7459.5	59.88	57.91	62.33	1	165.8
2019-09-23	7255.5	7284.0	7311.5	7340.0	7367.5	7396.0	7424.5	37.11	49.32	57.37	1	144.4
2019-09-24	7169.8	7207.7	7250.3	7288.2	7330.8	7368.7	7406.5	26.89	46.82	51.35	0	110.6
2019-09-25	7079.0	7143.5	7198.0	7262.5	7317.0	7381.5	7446.0	36.68	48.32	48.16	0	78.1
2019-09-26	7086.5	7130.5	7189.0	7233.0	7291.5	7335.5	7379.5	74.74	47.06	47.40	0	59.8
2019-09-27	7139.5	7188.5	7254.0	7303.0	7368.5	7417.5	7466.5	92.44	53.57	49.65	0	54.1
2019-09-30	7252.7	7286.8	7337.7	7371.8	7422.7	7456.8	7491.0	90.28	64.21	54.95	0	57.9
2019-10-01	7325.7	7345.8	7364.7	7384.8	7403.7	7423.8	7444.0	64.58	71.75	63.18	0	47.7
2019-10-02	7139.7	7206.3	7265.2	7331.8	7390.7	7457.3	7524.0	10.18	66.45	67.47	0	5.9
2019-10-03	6750.5	6901.5	6995.0	7146.0	7239.5	7390.5	7541.5	17.22	54.94	64.38	1	-38.1
2019-10-04	6863.2	6916.8	6981.2	7034.8	7099.2	7152.8	7206.5	33.60	43.17	54.85	1	-63.0
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	62.33	33.76	37.05	1	-91.4

