Predictive Regression

Table 1: Predictive regression for the First period (17.8.2014-15.5.2016)

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	-0.7122	0.2486	-2.87	0.0053
‘log(svi)‘	-0.0148	0.0291	-0.51	0.6134
log_sp500_returns	0.6040	0.4362	1.38	0.1699
‘log(vix)‘	-0.0133	0.0414	-0.32	0.7491
‘log(volume)‘	0.0562	0.0215	2.61	0.0107
volatility	-0.0321	0.0228	-1.40	0.1639
‘log(epuix)‘	0.0216	0.0318	0.68	0.4989
Observations	90			
R^2	0.134			
Adjusted R^2	0.071			
Residual Std. Error	0.060 (df = 83)			
F Statistic	2.141* (df = 6; 83)			
Note:	*p<0.1			

Table 2: Predictive regression for the Second period (15.5.2016- 1.1.2017)

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	-3.4349	1.0118	-3.39	0.0022
‘log(svi)‘	0.0702	0.0651	1.08	0.2907
log_sp500_returns	1.6673	1.1137	1.50	0.1464
‘log(vix)‘	0.0283	0.0835	0.34	0.7372
‘log(volume)‘	0.2706	0.0784	3.45	0.0019
volatility	-0.1446	0.0641	-2.26	0.0328
‘log(epuix)‘	-0.0272	0.0283	-0.96	0.3466
Observations	33			
R^2	0.388			
Adjusted R^2	0.247			
Residual Std. Error	0.050 (df = 26)			
F Statistic	2.746** (df = 6; 26)			
Note:	**p<0.05			

Table 3: Predictive regression for the Third period (1.1.2017-3.6.2017)

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	2.2973	1.4296	1.61	0.1304
‘log(svi)‘	0.1307	0.0623	2.10	0.0546
log_sp500_returns	-3.3177	2.3912	-1.39	0.1870
‘log(vix)‘	-0.5637	0.2071	-2.72	0.0165
‘log(volume)‘	-0.0747	0.1297	-0.58	0.5737
volatility	-0.1861	0.0516	-3.61	0.0028
‘log(epuix)‘	-0.0390	0.1210	-0.32	0.7517
Observations	21			
R^2	0.721			
Adjusted R^2	0.602			
Residual Std. Error	0.057 (df = 14)			
F Statistic	6.032^{***} (df = 6; 14)			
Note:	***p<0.01			