

## Notes on the CBOE Volatility Index S&P 500 (VIX) Series Forecast

October 2016

Kara Naccarelli

Moody's Analytics introduced a forecast for the CBOE Volatility Index S&P 500 (VIX).

### Equation Specification

Dependent Variable: FCBOEVIXQ\_US

Method: Least Squares

Date: 09/30/16 Time: 14:14

Sample (adjusted): 1990Q1 2016Q2

Included observations: 106 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.737067	0.472614	14.25490	0.0000
FSPVOL_US	13.32641	0.427234	31.19227	0.0000
R-squared	0.903432	Mean dependent var		19.79262
Adjusted R-squared	0.902503	S.D. dependent var		7.237471
S.E. of regression	2.259863	Akaike info criterion		4.487173
Sum squared resid	531.1261	Schwarz criterion		4.537427
Log likelihood	-235.8202	Hannan-Quinn criter.		4.507541
F-statistic	972.9577	Durbin-Watson stat		1.192452
Prob(F-statistic)	0.000000			

\*Mnemonics referenced in the above equation, e.g. FET, can be defined using the Mnemonic 411 feature on DataBuffet. Please contact [Help@economy.com](mailto:Help@economy.com) for assistance.