Stock Module

Bruno Caetano Vidigal

Food and Agriculture Organization of the United Nations

Abstract

This vignette provides analysis for Cereals, Pulses and Sugar.

1. Data

The data was pulled from the domain **faostat_one** and dataset **FS1_SUA_UPD** between **2005** and **2012** for all the countries.
We are interested in **Cereals**, **Pulses** and **Sugar**. The measuredElementFS pulled are:

measuredElementFS	label
51	Production (Mt)
61	Imports (Mt)
71	Variation Intial Exstenc (Mt)
91	Exports (Mt)

We are using the .csv file from the **Feed Module** called **class**. This file has information for **income** by **country**. After combine the table from the **SWS** and the **class.csv** we get this dataset.

```
##                  GroupName    group timePointYears production  imports  exports
## 1: Upper middle income cereals           2005  740354761 69787236 19901588
## 2: Upper middle income cereals           2006  772743444 72648853 23292095
## 3: Upper middle income cereals           2007  781641186 75532734 32635808
## 4: Upper middle income cereals           2008  823159004 81410552 25158225
## 5: Upper middle income cereals           2009  832326215 81421063 29542831
##    deltaStocks     trade
## 1:     4111709 49885648
## 2:    -8826218 49356758
## 3:    -1194396 42896926
## 4:   -19205871 56252327
## 5:   -22158269 51878232
```

2. Data Visualization