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These files allow to reproduce all results in the paper:
Gouel Christophe (2012), Optimal food price stabilisation policy.
European Economic Review

Figures are drawn in R and calculations are carried out in MATLAB.

DEPENDENCIES
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1) MATLAB
MATLAB programs depend on the following packages, which have to be installed:
 - RECS version 0.1 (https://github.com/christophe-gouel/recs/tree/v0.1)
 - compecon (http://www4.ncsu.edu/~pfackler/compecon/).
 - Path solver for Matlab (http://pages.cs.wisc.edu/~ferris/path.html).
 - MATLAB Statistics Toolbox.

2) R packages:
 - cmrutils.
 - R.matlab.
 - moments.
 - MASS.
 - lmtest.
 - mFilter.
 - itall (http://www.stat.pitt.edu/stoffer/tsa2/Rcode/itall.R)

3) Maxima (http://maxima.sourceforge.net/)
 Maxima is used to assess the properties of the utility function. See the file
 "Optimal.mac".

FILES ORGANISATION

Each file starts with a header line describing its function

MATLAB
 - All.m run all Matlab files
 - mX.m files define equations for model X.
 - runX.m solves and simulates model X.
 - WelfX.m calculates welfare changes in model X.
 - SensiY.m analyses sensitivity to parameters Y.
 - path.opt defines precision of Path solver
 - DecisionRules.m simulates models to extract decision rules
 - Extract2Latex.m extracts parameters in a Latex file
 - LongRun.m generates observations for all models on the asymptotic distribution
 - RiskPremium.m Calculates changes in risk-premium
 - Transition.m generates simulations on the transitional dynamics for all
   models
 - Infinitesums.m calculates terms of infinite sums by converting them into recursive
   equations
 - init_common.m initialises parameters