

Graphs Garcia-Cicco and Garcia-Schmidt: "Revisiting the Exchange Rate Pass Through: A General Equilibrium Perspective"

First you need to download all in a folder (call it "Main"). In that folder, create folders called "BaselineModel" and "BigModel" and inside each create folders called "mats".

You need to run the dynare mods of each version first and then use the files mentioned at the bottom of this document to do the graphs.

The different versions are obtained by changing an option at the start of the mod file. When one of the versions is active (number different than zero), all others have to be in zero.

Folders:

%%%%%%%%%	BASILINE MODEL	%%%%%%%%%
0. Models that need to be run to	TNT_May20.mod	Mod file that runs basic model
(save in /BaselineModel/)		Has options for the alternative
versions	TNT_May20_steadystate.m	Steady state of previous
	stoch_simul_para_t.m	Runs the versions that fix the
interest rate for some periods (called from the last part of the mod file when active).		

%%%%%%%%%	BIG MODEL	%%%%%%%%%
Data:	BaseBigTNTMay20.xlsx	RawData
(save in /BigModel/GenerateData/)	create_data_BigTNTMay20.m	Creates data (adjusts seasonally
and does all necessary changes)		Needs the X-13 Toolbox for

Seasonal Filtering (available in File Exchange of Mathworks)

0. Model that needs to be run	TNT_Big_May20.mod	Dynare model to run Big Model
(option at the end to run fixed interest rate version)		
(save in /BigModel/)	TNT_Big_May20_steadystate.m	Steady state of previous
	read_data_May20.m	Needed to read data
create_data_BigTNTJan20.m)	data_to_estim_BigTNTMay20.mat	Data to run model (created by
	TNT_Big_May20_mode_ok.mat	Mode found and saved
interest rate for some periods (called from the last part of the mod file when active).	stoch_simul_para_t.m	Runs the versions that fix the

Tables: (save in /BigModel/) in codes below.	loc.m	Function to find a location. Used
Second Moments	doing_moments.m	Saves the table of moments
calculate moments	table_moments.m	Function used in previous to
<p>%%% BOTH MODELS %%</p> <p>To do the graphs (there is an option for each one that is commented out and needs to be active to do each graph). (Save in principal folder "Main")</p>		
1. Variance Decomposition decomposition	doing_var_decomp.m	Saves the table of the variance
previous.	loc.m	Function to find a location. Used in
2. IRFs: calculations and graphs	doing_irfs.m plots_for_dynare.m	File to graph the irfs Called by previous and does the
3. Conditional ERPTs calculations and graphs	doing_cond_ERPT.m plots_cond_ERPT.m	File to graph the conditional ERPTs Called by previous and does the
4. Unconditional ERPTs: a. UERPT_M: method M	doing_uncond_ERPT_M.m	File to graph unconditional ERPTs given
calculations and graphs	plots_uncond_ERPT_M.m	Called by previous and does the
a. UERPT_PV: method PV	doing_uncond_ERPT_PV.m	File to graph unconditional ERPTs given
calculations and graphs	plots_uncond_ERPT_PV.m	Called by previous and does the