`README.m` – Description of files.

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`setMyPath.m` - Set important paths

- USER must specify the path to the appropriate version of IRIS.

`readDefinitions.m` - Stores important settings.

- `version` - A string that identifies version of current results (eg. April16).
- `country` - A 2-letter code identifying the country.
- various date ranges - Date ranges for estimation, smoothing and forecasting.

Models/GPMPlus_`country`.model – The model

- A text file containing the model written in IRIS's model code language

`readModel.m` - Reads the model code, assigns parameters and creates an IRIS model object.

- Reads model defined in Models/GPMPlus_`country`.model.
- USER must define values of calibrated parameters here.
- Saves model object in the current directory as `model.mat`.

`readData.m` - Creates historical database of measurement variables (observables).

- Constructs foreign observables based on a GPM6 projection and USER-SUPPLIED TRADE MATRIX.
- Loads domestic observables from the GPM database.
- Saves constructed data as an IRIS database object under `data.mat`.

`estimateParams.m` - Estimates (some) parameters using regularized maximum likelihood.

- USER must declare priors in the `E` structure.
- `model.mat` is estimated using `data.mat`.
- Smooths estimated model using `data.mat`.
- Results are stored in Results/|version|/estimation.mat.

`printEstimationReport.m` - Creates a detailed report of the estimation and smoothing results.

- Stored in Results/|version|/GPM_`country`_EstimationReport.pdf.
- Relies on the IRIS `report` object and LaTeX.
- Generated using various ad-hoc routines stored in Functions/ directory.

`runForecast.m` - Generates a conditional forecast based on USER-defined scenarios.

- Scenario name is defined in the `scenario` variable.
- Scenario is defined as a set of tunes to model variables/shocks, and it is declared as a `plan`.
- Uses the estimated model and smoothed history (as an initial condition) found in Results/|version|/estimation.mat.
- The forecast results are stored in Results/|version|/GPM_country_forecast_scenario.pdf.

`printForecastReport.m` - Creates a detailed report of the forecast(s).

- USER must specify `version` and `scenario` of the set of results she wants reported.
- Can report a single scenario, defined by the string passed to `shock`
- If a non-empty string is passed to `control`, then the two scenarios are reported in shock-minus-control fashion.
- Report is stored in Results/|version| folder under GPM_country_forecast_shock.pdf or GPM_country_forecast_shock_vs_control.pdf
- Forecast results augmented with more reporting variables are stored in the same location as GPM_country_forecast_q_shock.csv (and possibly GPM_country_forecast_q_control.csv).
- Forecast results at an annual frequency are stored in the same format with _a replacing _q in the file names.