



How To Read Results in the Excel Results File

The UNI-CGE model includes a utility that writes key results into an Excel file named UNI-Results.xlsx. This lesson shows you where to locate the file, its contents, and how to use it to facilitate your analysis.

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1. WHERE IS THE UNI-RESULTS.XLSX FILE?

The "UNI-results.xlsx" file is an Excel file that is included in the suite of files that you downloaded and installed in the directory that you created for this project. After the UNI-CGE model solves successfully, a utility in the model (file RepBase.inc) writes selected results into the Excel file. You can locate and open the file by searching for it in your directory.

2. WHAT IS IN THE UNI-RESULTS .XLSX FILE?

The results file includes selected results from your experiments. Results are organized into worksheets (Figure 1). The worksheets report results for macro variables, GDP, quantities, prices, taxes, production, and factors.

Figure 1. Worksheets in the UNI-Results.xlsx file



Each worksheet displays the data in table formats that facilitate your finding results and exporting them to other apps for presentation. The example in Figure 2 shows a table that displays macro results.

Figure 2. Table of macro results in the UNI-Results.xlsx file

Macroeconomic indicators, base values and percent change from base			
Variable name	Code name	Base	Percent change
Exchange rate (domestic currency/world currency)	EXR1	1.00	-2.20
Foreign savings (in foreign currency units)	FSAV1	831.46	0.00
Government revenue	YG1	2293.73	1.55
Export tax revenue	ETAX1	2.84	5.90
Import tax revenue	MTAX1	23.61	0.26
Commodity sales tax revenue	STAX1	322.82	0.20
Production tax revenue	PTAX1	581.30	1.81
Factor use tax revenue	FTAX1	1342.77	1.78
Household income tax revenue	HTAX1	20.39	1.78
Government savings	GSAV1	35.37	0.00
Government expenditures	EG1	2258.36	1.58
Household income - total over all households	YHTOT	11788.44	1.78
Household consumption expenditure - total over all households	EHTOT	9949.30	1.78
Government consumption as share of total absorption	GOVSHR1	0.15	0.05
Investment as share of total absorption	INVSHR1	0.18	-0.99
Government consumption adjustment factor	GADJ1	1.00	0.59
Investment adjustment factor	IADJ1	1.00	1.43
Marginal (and average) propensity to save (for the single household)	MPS1	0.15	0.00
Household MPS adjustment factor	MPSADJ1	0.00	0.00
Consumer price index	CPI1	1.01	0.00
Producer price index	DPI1	1.00	-0.21
Walras	WALRAS1	0.00	0.00

3. HOW TO OPEN, CLOSE AND SAVE RESULTS FILE

The UNI-CGE model searches for the Excel file in the directory that you have created for this project and writes results into it. After the model is solved, open the file from your directory and view the results.

You do not need to close the Results file before running the model again. But it is a good idea to do so.

*IMPORTANT. Every time the model is run, it will overwrite the Excel results file with new model results. To save results from a scenario, rename the results file to something like “Productivity shock experiment” and save it. You can run repeated experiments and then compare results in your renamed and saved Excel files.