



Standard GTAP Model v7 Quick Reference Card

Important Innovations

Make matrix

- The new standard model has the capability of having a non-diagonal ‘make’ matrix. Among other things, this implies that there is no longer a one-to-one correspondence between activities and commodities.
- Possibility for each activity to produce more than one commodity, and for commodities to be the aggregation of output by one or more activities.
- MAKES: multi-production (‘make’) matrix at supply prices
- MAKEB: multi-production (‘make’) matrix at basic prices

Investment

- Investment expenditures (or the formation of capital) were extracted from ‘production’ activities. Thus variables such as QFD no longer have a ‘CGDS’ activity, which is now included as a separate final demand account with names such as QID.

Model Extensions

- | | |
|--------------|--------------|
| • GTAP-IRTS | • GTAP-E |
| • GTAP-HET | • GMig2 |
| • GDyn | • GTAP-SC |
| • GTAP-AGR | • GTAP-M |
| • GTAP-POV | • GTAP-AEZ |
| • MyGTAP | • GTAP-Bio |
| • GTAP-PE-GE | • GTAP-Power |

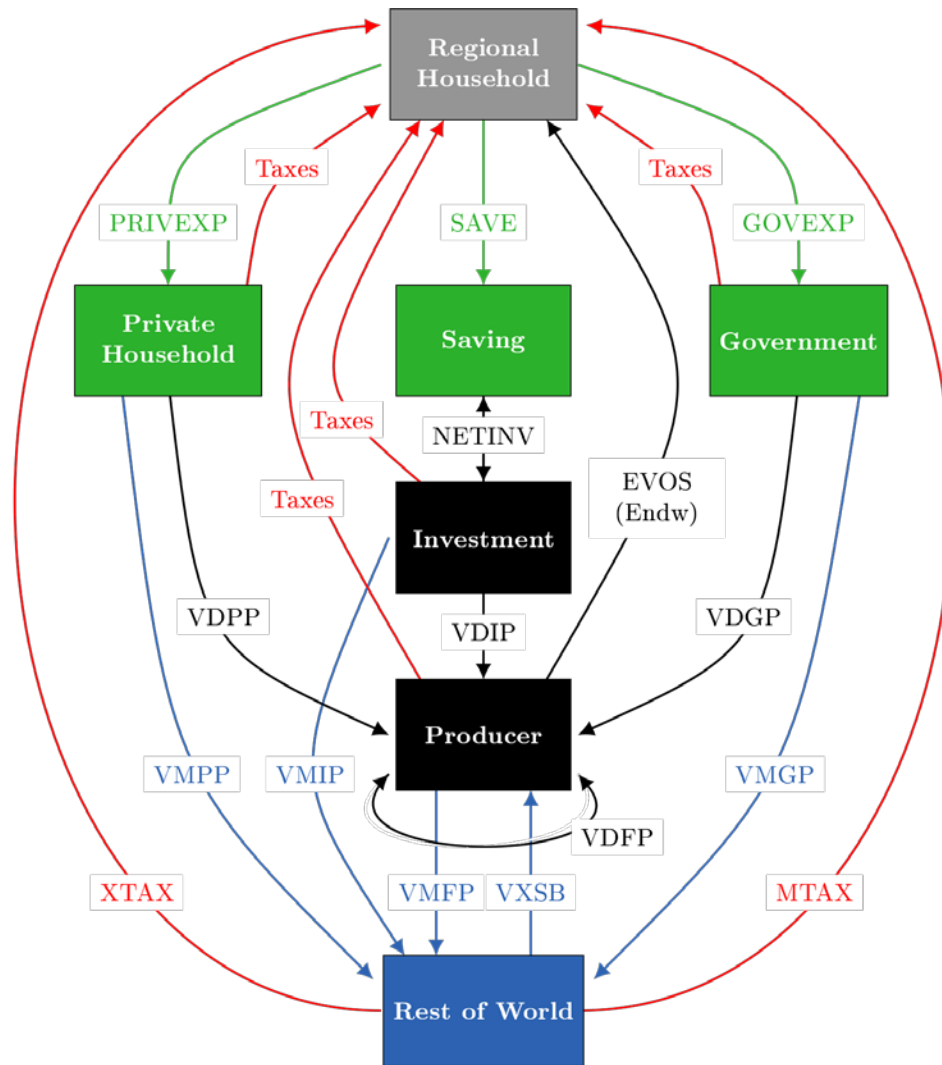
Coding Conventions

Sets and Indices

REG	Regions	r
COMM	Commodities	c
MARG	Margin Commodities	m
NMRG	Non-margin commodities	n
ACTS	Activities	a
ENDW	Endowments	e
DEMD	Commodities & endowments	d
ENDWS	Sluggish endowment	e
ENDWM	Mobile endowment	e
ENDWC	Capital endowment	e
ENDWF	Sector-specific endowment	e
ENDWMS	Mobile & sluggish endowments	e

Prices (ending in)

P	Producer prices (e.g., VDFP: domestic purchases, by firms, at producer prices)
B	Basic prices (e.g., VDFB: domestic purchases, by firms, at basic prices)
S	Supply prices (e.g., EVOS: primary factor sales, at supply (post-income tax) prices)
VCIF	CIF prices (e.g., Imports, at CIF prices)
VFOB	FOB prices (e.g., non-margin exports, at FOB prices)



Agents

Households, Firms, Government, Investment

VDPP	domestic purchases, <u>by households</u> , at producer prices
VDFP	domestic purchases, <u>by firms</u> , at producer prices
VDGP	domestic purchases, <u>by government</u> , at producer prices
VDIP	domestic purchases, <u>by investment</u> , at producer prices

Key Parameters

ESBD	Armington CES domestic/imported allocation
ESBM	Armington CES for regional allocation of imports
ESBT	CES between primary factors and intermediate inputs
ESBV	CES between primary factors in production
ETRE	CET between sectors for sluggish primary factors
INCP	CDE expansion parameter
SUBP	CDE substitution parameter