

GTAP 10 Data Base with domestic margins

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The GTAP version 10 Data Base introduce a number of innovations that includes nomenclature changes, increase in number of sectors (from 57 to 65), introduction of a ‘MAKE’ matrix for commodity demand and supply, explicit treatment of investment as final demand (i.e., no longer part of production activities) and nomenclature changes.

Version 10 also includes a special release: a GTAP Data Base with the explicit representation of domestic trade and transport margins (hereafter, domestic margins).

This paper provides an overview of the GTAP Data Base version 10, with a specific focus on nomenclature changes and domestic margins. The paper is divided into four sections. The first section provides an overview of nomenclature and valuation changes introduced in the new standard GTAPv7 model (Corong *et al.* 2017)—i.e., from Agents/Markets/World to Supplier/Basic/Purchaser prices. The second section exposes the methodology employed to extract domestic margin information from country-level Supply-Use and Input-Output tables, and how they were used to explicitly account for user- and commodity-specific domestic margin flows in the GTAP Data Base. The third section details the extensions made to the GTAPv7 model, to explicitly account for price wedges associated with domestic margin services—i.e., price wedges between domestic producers and users, as well as between international and domestic markets. The final section presents the suite of programs to manipulate and contribute supply-use and input-output data, with domestic margins information, to the GTAP Center.