

ARTNeT Interactive Gravity Modeling Database

Dr. Witada Anukoonwattaka

Trade and Investment Division, ESCAP

anukoonwattaka@un.org



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Asia-Pacific Research and Training Network on Trade



Databases

ARTNeT acts as an information repository providing a linkage to international organizations such as the International Trade Centre, UNCTAD, and the WTO, which in turn facilitate researchers' access to trade data and trade analysis tools. ARTNeT also builds trade research capacity through facilitating access to relevant trade and investment related databases. In addition to the ARTNeT Trade Publications Database, ARTNeT supports the development of the trade performance indicators component of the Asia-Pacific Trade and Investment Agreement Database (APTAD).

- [Gravity Modeling Database](#)
- [Trade costs](#)
- [APTAD](#)

Outline

- Background of the initiative
- Possible applications
- Database demonstration

Why did we develop this interface?

- To build trade research capacity , ARTNeT facilitates access to relevant trade and investment related databases and analytical tools.
- The online gravity interface was developed with an aim to make it easier for policy researcher to get started with gravity modeling for trade research

Available online and FREE at
<http://www.unescap.org/tid/artnet/gravity.asp>

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Interactive Gravity Modeling Database

- [Tutorial](#)
- [Login](#)
- [Register](#)

This initiative is designed to more closely integrate the research capacity building and research programme implementation objectives and activities of ARTNeT, particularly under ARTNeT priority Theme 1 (trade, investment and domestic policy coherence for inclusive growth). It includes regional technical research workshops, support for research studies to apply techniques learned, development of related research facilitation tools, and support for dissemination of policy relevant results. [More information on ARTNeT Gravity Modeling Initiative](#)

Data coverage

- Various countries and time periods
- Exports and imports
- GDP, GDP p.c., growth, population
- Geographical, historical , and cultural links
- Cover some trade policy data:
 - Tariffs, trade credits, trade facilitation, logistics, infrastructure
 - Behind the border barriers
 - Aid for trade
- Can include FEs (exporter, importer, time)

Example 1: Basic Regression

- Select “ARTNeT data on trade dataset”
 - Use for general analysis and for calculate trade potential
- Set the dependent (LHS) variable to $\log(\text{exports})$
- Standard independent (RHS) variables
 - Partner and reporter GDP
 - Distance
 - Common official language, geographical contiguity, common colonizer
- Run the regressions and interpret the results

Step 1 Choose a dataset



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ARTNeT Gravity Modeling Datasets

help ?

1. ARTNeT Data on Trade (1994 - 2012)

Summary: (Year: 1994 - 2012) - Basic Gravity Panel Dataset - Recommended use for estimation of TRADE POTENTIALS. (This dataset is prepared by Chorthip Utoktham and Zaw win Aung.)

[Use this data](#)

2. ARTNeT Data on Trade Facilitation (2006)

Summary: Year 2006; include trade facilitaiton and behind-the-border regulatory indicators. (This dataset is prepared by Yoon Duul Chorthip)

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_6552

