

WTO/ESCAP- 13th ARTNeT Capacity Building Workshop on

“Empirical Trade Analysis: Structural gravity estimation and counterfactuals”

18-21 Dec 2017, Bangkok, Thailand

PROGRAMME

Objectives of the course:

1. Familiarize participants with state-of-the art structural gravity theory and estimation techniques using Stata.
2. Calculation of ad valorem equivalents of trade policy measures.
3. Introduce participants to counterfactual analysis of the welfare effects of trade policy measures based on gravity results.¹

Monday, 18 Dec 2017 – Setting the scene (introduction, definition and tools)

08:30 – 09:00	Registration
09:00 – 09:15	Welcome remarks <ul style="list-style-type: none">• World Trade Organization• ARTNeT/ ESCAP• Group photo
09:15 – 09:30	Introduction <ul style="list-style-type: none">• Introduction to the workshop and its objectives• Introduction of participants
09:30 – 10:30	Session 1 – Introduction to Stata
10:30 – 10:45	<i>Break</i>
10:45 – 12:00	Session 2 – Introduction to Stata (continued)
12:00 – 13:00	Lunch break
13:00 – 14:30	Session 3 – Gravity theory

¹ Software required for the course will be provided by the organizers.

- 14:30 – 14:45 *Break*
- 14:45 – 17:00 Session 4 – Hands-on exercises

Tuesday, 19 Dec 2017 – Gravity Estimation

- 09:00 – 10:30 Session 1 – Gravity estimation
- 10:30 – 10:45 *Break*
- 10:45 – 12:00 Session 2 – Gravity estimation (continued)
- 12:00 – 13:00 Lunch break
- 13:00 – 14:00 Session 3 – Gravity post-estimation: Calculating ad valorem equivalents
- 14:00 – 14:15 *Break*
- 14:15 – 16:00 Session 4 – Hands-on exercises
- 16:00 – 17:00 Presentations of ongoing ARTNeT research or additional exercises (TBC)

Wednesday, 20 Dec 2017 – Quantitative trade modeling

- 09:00 – 10:30 Session 1 – Introduction to quantitative trade modeling and to the Rungtap software
- 10:30 – 10:45 *Break*
- 10:45 – 12:00 Session 2 – Introduction to quantitative trade modeling: theoretical model
- 12:00 – 13:00 Lunch break
- 13:00 – 14:30 Session 3 – Data, parameters, and implementation of shocks. Hands-on exercises
- 14:30 – 14:45 *Break*
- 14:45 – 16:00 Session 4 – Policy shocks, and interpretation of welfare effects. Hands-on exercises
- 16:00 – 17:00 Presentation of ongoing ARTNeT research or additional exercises (TBC)

Thursday, 21 Dec 2017 – Counterfactual exercise

09:00 – 10:30	Session 1 – Mapping gravity results to model the effects of FTAs. Hands-on exercises
10:30 – 10:45	<i>Break</i>
10:45 – 12:00	Session 2 – Work on group exercises
12:00 – 13:00	Lunch break
13:00 – 14:00	Session 3 – Work on group exercises
14:00 – 14:15	<i>Break</i>
14:15 - 16:00	Session 4 – Group presentations
16:00 – 17:00	Presentation of research plans, workshop recap and consolidation, closing ceremony and certificates