Workshop on Trade Policy and Trade Indicators

Module 2.7

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The aim of this exercise is to apply three different indicators in one analysis, in order to produce a report.

- Indicators to be calculated:
  - Similarity index
  - Grubel-Lloyd index
  - Reveled comparative advantages
Similarity index

- Reporter: United States
- Partner: all CARICOM members
- Flow: imports
- Year: 2015

\[ SI = \sum_{k=1}^{n} \text{Min} \left[ \frac{M_{US-i}^k}{TM_{US-i}}, \frac{M_{US-j}^k}{TM_{US-j}} \right] \]
Grubel-Lloyd index

- Reporter: Jamaica
- Partner: selected countries
- Flow: exports and imports
- Year: 2015

\[ GLI_{ij} = 1 - \frac{\sum |X_{ij}^k - M^k_{ij}|}{\sum (X_{ij}^k + M^k_{ij})} \]
Revealed comparative advantages

- Reporter: United States
- Partner: Jamaica, the world and selected countries
- Flow: imports
- Year: 2015

\[ IRCA = \frac{M^k_{US-i}}{TM^k_{US-i}} \]