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SUTB

A tool to reconcile double-entry tables

Practical training workshop

ECLAC, December 2, 2021

ECLAC - UNSD



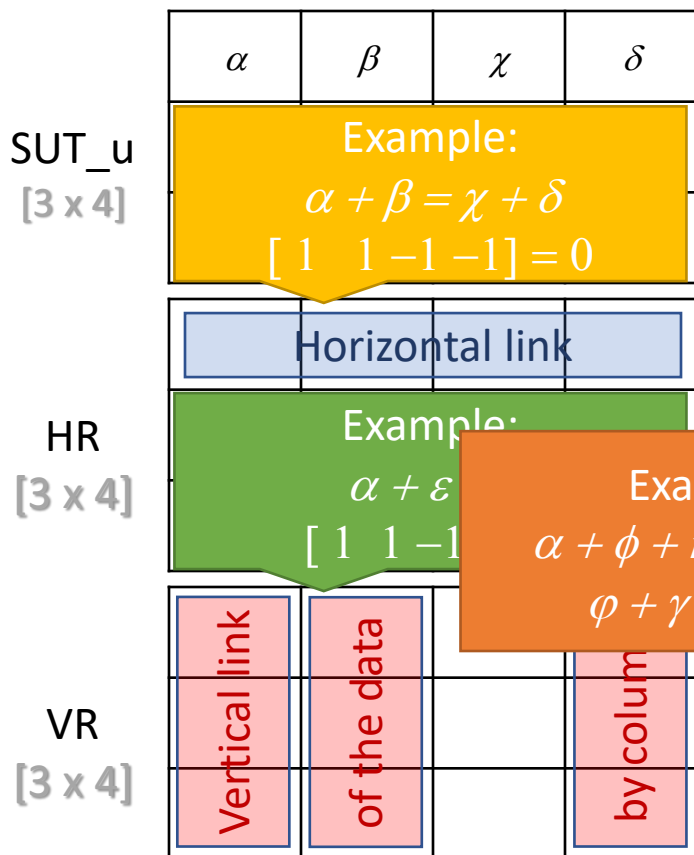
The formula: SUTB

(**S**upply and **U**se **T**able **B**alancing)

- This application is an extension to the solution proposed to reconcile double-entry tables with marginal totals as restrictions (RAS-type)
- It requires 5 variables:
 1. Unbalanced table (SUT original);
 2. Horizontal basic restrictions [clustered] (supply – use balance)
 3. Vertical basic restrictions [clustered] (known totals – off-settings)
 4. Reliability Coefficients. Relative adjustability to the initial estimates (between 0 – 100[no adjustment])
 5. Additional restrictions [individual] (require an explicit value as a constraint). This variable is optional



• = SUTB(SUT_u, HR, VR, RC, AdR [optional])



Example:
 $\alpha + \phi + \kappa = \Xi$, and
 $\varphi + \gamma + \delta = \Psi$

	50	30	25	90
RC [3 x 4]	90	20	100	0
	70	85	40	15

Example:
 γ : No adjustment
 η : Higher relative adjustment

	0	0	1	0	
	0	0	0	1	Ψ
	0	0	1	0	
	0	1	0	0	



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Let's see the SUT example in Excel