

Read Me—Integrated Consumption and Poverty Estimates for the Labor Market Panel Surveys

Version 1.0

Overview

These data are an extension of the Labor Market Panel Surveys (LMPSs), providing consumption estimates for households included in the LMPSs. Per capita consumption is modeled based on contemporaneous Household Income, Expenditure, and Consumption Surveys (HIECSs) and overlapping variables for each country and round. As well as predicted consumption from the underlying models, 100 iterations of the imputation that recover the original variance are provided. Consumption can also be compared to poverty lines to estimate the incidence of poverty. To get correct estimates of poverty and inequality statistics or any other outcomes related to consumption, it is necessary to bootstrap across the 100 iterations.

Data are designed to be merged with the Integrated Labor Market Panel Survey (ILMPS) data also available from the ERF data portal. Estimates are included for Egypt's 1998, 2006, and 2012 rounds, along with the Jordan 2010 and Tunisia 2014 LMPSs.

For further details, see “Estimating Poverty and Inequality in the Absence of Consumption Data: An Application to the Middle East and North Africa” by Caroline Krafft, Ragui Assaad, Hanan Nazier, Racha Ramadan, and Atiyeh Vahidmanesh.

Sample

The sample is households from the Egypt 1998, 2006, 2012, Jordan 2010, and Tunisia 2014 rounds of the LMPSs. However, when missing data on one or more variables precluded inclusion of a household in the consumption model, it was excluded from the data.

Variables

“round” identifies the survey year to which the data corresponds (1998, 2006, 2012 for Egypt, 2010 for Jordan, 2014 for Tunisia).

“hhid” is the unique identifier for a household, which can be merged with the Integrated LMPS data.

“yhat” is the predicted consumption *without* the original variance being recovered (in annual, 2012 PPP international dollar terms)

“yhat_#” (where # is 001-100) is a predicted consumption iteration, *with* the original variance in consumption being incorporated.

“povline” is the poverty line in 2012 PPP for each country and year. In Egypt and Tunisia poverty lines are region specific.