

Global time lags in socio-economic development

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Changes in version 1.2

- Post-print of the analysis paper published in *Social Indicators Research* was added (with supplement). Therefore, the paper and supplement should be referred to for the methodological description.

Changes in version 1.1

- An error was discovered and corrected in data underlying the CO₂ emissions index for Vietnam for 1920–1954. The index and time lags for all countries and country groups was recalculated.
- Common name of Côte d'Ivoire was changed to Ivory Coast for consistency with other common country names.

1. Introduction

The dataset provides time lags for 156 developing countries, 9 “aggregate countries” representing defunct states, and 42 country groups in two variants: with population-weighted indicators per country or median value of indicators at country levels.

When using the following contents, please cite:

Paprotny, D. (2020) Convergence between developed and developing countries: a centennial perspective. *Social Indicators Research*, doi:10.1007/s11205-020-02488-4

2. Contents

The dataset contains the following files:

- Global_time_lags.xlsx – an Excel file with (1) a list of countries and country groups, (2) time lags per country/group, indicator and year. Where applicable, the data provide the median estimate of the uncertainty distribution of input data. Also includes estimated total population per country.
- Global_time_lags.csv – a comma-delimited file with time lags combined with numeric codes of countries and abbreviations of indicators. Where applicable, the data provide the median estimate of the uncertainty distribution of input data.
- Country_plots.zip – a zipped folder with graphs for all countries with uncertainty bounds.
- Group_plots.zip – a zipped folder with graphs for all country groups with uncertainty bounds. Country-level indicators population-weighted to calculate time lags.

- Group_plots_median.zip – a zipped folder with graphs for median country-level values of time lags for all country groups with uncertainty bounds.
- Readme.pdf – this readme.
- Research_paper.pdf – post-print of the paper in *Social Indicators Research*, containing all methodological descriptions and analysis of the results.
- Supplementary_information.pdf – supplement of the paper in *Social Indicators Research*, containing additional maps and tables.