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World Income Inequality Database (WIID)

User guide and data sources

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Preface

The UNU-WIDER World Income Inequality Database, better known as WIID, provides information on income inequality for 200 economies (including historical entities) in an organized and accessible manner.

The database has been an essential part of UNU-WIDER's contribution to the study of inequalities within countries and globally since it was first launched in 2000, becoming one of the most prominent beacons of the institute's identity. With inequality becoming one of the main megatrends of our time, and with the sustainable development goals explicitly aiming to reduce it, UNU-WIDER renews, with this new version, its commitment to making the best available data accessible.

The current version of WIID retains the main features of previous versions. It also introduces big innovations that extend its scope in many ways. First, by adding new measures of reported inequality, to better understand the complex distributional changes that can hardly be identified with a single index. Second, by producing companion datasets that facilitate the study of inequality within countries and, especially, at the global level. Third, by increasing the accessibility of this information to a wider range of potential users, especially non-experts.

It is in times of innovation when we most strongly encourage comments and suggestions from all users to further improve the quality of WIID, both technically and in accessibility.

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Basic principles behind the WIID

Conceptual base

Unlike national accounts data which are in principle comparable across countries, there is no agreed basis of definition for the construction of distribution data. Sources and methods might vary, especially across but also within countries. This may be the case even if the data comes from the same source. In their influential articles on the use of secondary data in studies of income distribution, Atkinson and Brandolini (2001, 2009) discuss quality and consistency in income distribution data both within and across countries.

They show how both levels and trends in distributional data can be affected by data choices. In light of this, it is not an easy task to construct a secondary database with distribution data. To get some structure, we started by defining a preferred set of features for the conceptual base and the underlying data. With the conceptual base we mean the definitions of income or consumption/expenditure, the statistical units to be adopted, the use of equivalence scales, and weighting.

Income or consumption?

The first issue to address is whether *inequality estimates based on income or consumption* should be preferred. According to Deaton and Zaidi (2002), the empirical literature on the relationship between income and consumption has established, for both rich and poor countries, that consumption is not closely tied to short-term fluctuations in income, and that consumption is smoother and less variable than income. Especially in developing countries, where the rural agriculture sector is large, it is difficult to gather accurate income data. Accordingly, consumption data should be used.

Atkinson and Bourguignon (2000) do not share this view. According to them, there is no clear advantage in using consumption rather than income in studying distributional issues. The use of consumption rather than income data raises problems of definition and observation, the main conceptual problem being the treatment of durables and the necessity of imputing value for their services.

Regardless of the different views, the collection of inequality observations is restricted to what in practice is available. In most industrialized countries, inequality and poverty are assessed with reference to income, not consumption (Deaton and Zaidi 2002). This tradition is followed in much of Latin America. By contrast, most Asian and African surveys have always collected detailed consumption data.

The fact that distribution data can be based on both income and consumption is the first stepping stone in the construction of comparable statistics. In the WIID we have strived to collect observations with reference to both income and consumption, whenever it is possible.

Income concept

The second issue is how to *define income and consumption*. As stated earlier, there is no agreed basis of definition as in the case of national accounts data. Concerning income data, some steps have been taken towards developing international standards. The *Final Report and*

Recommendations of the Canberra Group (2001) provides an appropriate base for defining the most preferred income concept as the objective of the group was to enhance national household income statistics by developing standards on conceptual and practical issues related to the production of income distribution statistics.

Even if the work of the group is mainly based on OECD-country experience, we believe that the main conclusions concerning the income concept also hold for other countries. In Table 1, the income concept as recommended by the Canberra Group for international comparisons of income distribution is given. The definition of total and disposable income, as recommended by the group, should include certain components to be considered complete. We have been drawing special attention to whether the underlying income concept includes income items such as imputed rents for owner-occupied dwellings,¹ imputed incomes from home production, and in-kind income in general.

Imputed rent from owner-occupied dwellings is not mentioned in the concept of the Canberra Group since many countries do not provide estimates for this item, and it is differently valued in different countries. Imputed rents should, however, preferably be included even if the comparability between countries might suffer somewhat. Home production and in-kind income are crucial in developing and transition countries. The income concept cannot be considered complete for these countries if income in-kind and income from home production are not included. The inequality indices reported will in the first place be those calculated on the basis of disposable income — but if indices based on earnings or gross incomes (total income, according to the Canberra Group terminology) are available, they will also be reported.

Consumption/expenditure concept

On the consumption side, the situation is more difficult. Deaton and Zaidi (2002) from the LSMS group at the World Bank² have worked out some guidelines. Their recommendations on how to use consumption data for welfare measurement were used. Where the Canberra Group recommendations were built mainly on OECD-country experiences, these recommendations are mainly built on experiences from developing countries. The crucial thing here is to evaluate the *consumption* rather than to simply calculate the *expenditures*. In other words, to make a distinction between what is consumed and what is purchased. This means that one is not interested in the purchase value of durable goods but in the use or rental value. As is clear from Table 1, taxes paid, purchase of assets, repayments of loans, and lumpy expenditures should not be included in the consumption aggregate. If they are included, we refer to expenditure rather than consumption. Again, we have paid attention to the inclusion of non-monetary items.

Other conceptual issues

The third issue to look at concerns relating to other conceptual issues. Here we follow quite closely the recommendations of the Canberra Group. Departures from the recommendations are mainly driven by practical matters.

- a) *The household should be the basic statistical unit.* The statistical unit for analysis of economic wellbeing has to be one where assumptions of sharing of economic resources are most plausible. The Canberra Group motivates the preference for the household by the relationship of households to both micro (survey) and macro (SNA) data uses. In practice, households are often used as the basic statistical unit. The different definitions of households

¹ Please refer to the glossary for an explanation of the terms used.

² LSMS stands for Living Standards Measurement Study. The household surveys provided by this study can be found at: <https://microdata.worldbank.org/index.php/catalog/lsms/about>.

that appear in the data are a problem which will affect the estimates and users should be aware of.

b) *Income or consumption should be adjusted to take account of household size, using per capita incomes or consumption.* The Canberra Group suggests the use of equivalence scales as the relative need of different sized households is different. We decided to choose per capita estimates as the preferred ones, as they are the one mostly commonly available and because the existence of a lot of different equivalence scales weakens the comparability of the estimates.

Table 1: Preferred set of underlying concepts for inequality estimates in the WIID	
<p>The income concept recommended by the Canberra Group for international comparisons of income distribution:</p> <ol style="list-style-type: none"> 1. Employee income Cash wages and salaries 2. Income from self-employment Profit/loss from unincorporated enterprise Imputed income from self-employment Goods and services produced for barter, less cost of inputs Goods produce for home consumption, less cost of inputs 3. Income less expenses from rentals, except rent of land 4. Property Income Interest received less interest paid Dividends 5. Current transfers received Social insurance benefits from employers' schemes Social insurance benefits in cash from government schemes Universal social assistance benefits in cash from government Means-tested social assistance benefits in cash from government Regular inter-household cash transfers received 6. Total income (sum of 1 to 5) 7. Current transfers paid Employees' social contributions Taxes on income 8. Disposable income (6 less 7) 	<p>The consumption aggregate recommended by Deaton and Zaidi (2002) for welfare measurements:</p> <ol style="list-style-type: none"> 1. Food consumption Food purchased from market Home produced Received as gift or in-kind payment 2. Non-food consumption Daily use items Clothing and houseware Health expenses Education expenses Transport 3. Durable goods The use-value (rental value) of durables 4. Housing Rents paid If dwelling is owned by household or received free of charge, an estimate of the rental equivalent (imputed rent) Utilities (water, electricity, garbage collection etc.) <p>To be excluded: taxes paid, purchase of assets, repayments of loans and lumpy expenditures. If durables are included with their purchase value or/and taxes paid, purchase of assets, repayments of loans and lumpy expenditures, the concept to be referred to is expenditures.</p>
<p>Other conceptual issues:</p> <ol style="list-style-type: none"> 1. Household should be the basic statistical unit 2. Per capita incomes or consumption/expenditure should be measured 3. Person weights should be applied 	

c) *Person weights are preferred* as the users of income statistics are most often concerned with the economic well-being of individuals, not with the well-being of households.

Estimates not following the preferred set of definitions are not automatically considered to be of bad quality, but when updates were made, the definitions were followed whenever we could make a choice. Due to unavailability of observations using the preferred set of definitions, estimates based on other definitions were used in several cases. The differences appear especially in the statistical units and in the weighting.

Information regarding OECD, Eurostat, LIS, World Bank, ECLAC, and SEDLAC databases

WIID combines information coming from many sources, including historical compilations with updated information from the most salient data repositories (including LIS, ECLAC, SEDLAC, Eurostat, World Bank, and OECD), as well as from national statistical offices, and independent research papers. Below we introduce the main data sources.

OECD

The Organisation for Economic Co-operation and Development (OECD) Income Distribution Database (IDD) ³ has been developed to benchmark and monitor countries' performance in the field of income inequality and poverty. It contains a number of standardized indicators based on the central concept of 'equivalized household disposable income'; i.e., the total income received by households less the current taxes and transfers they pay, adjusted for household size with an equivalence scale. While household income is only one of the factors shaping people's economic wellbeing, it is also the one for which comparable data for all OECD countries are most common. Income distribution has a long-standing tradition among household-level statistics, with regular data collections going back to the 1980s (and sometimes earlier) in many OECD countries.

Achieving comparability in this field is a challenge, as national practices differ widely in terms of concepts, measures, and statistical sources. In order to maximize international comparability as well as inter-temporal consistency of data, the IDD data collection and compilation process is based on a common set of statistical conventions (e.g., on income concepts and components). The information obtained by the OECD through a network of national data providers, via a standardized questionnaire, is based on national sources that are deemed to be most representative for each country.

Eurostat

The European Union (EU) Statistics on Income and Living Conditions (SILC) instrument is the EU reference source for comparative statistics on income distribution and social inclusion at the European level. It provides two types of annual data for 27 European Union countries, Iceland, Norway, Switzerland, Montenegro, North Macedonia, Serbia, Turkey, and the United Kingdom:

- Cross-sectional data pertaining to a given time or a certain time period with variables on income, poverty, social exclusion and other living conditions, and
- Longitudinal data pertaining to individual-level changes over time, observed periodically over a four-year period.

³ <http://stats.oecd.org/Index.aspx?DataSetCode=IDD> and <http://www.oecd.org/social/income-distribution-database.htm>

EU-SILC does not rely on a common questionnaire or a survey but on the idea of a ‘framework’. The latter defines the harmonized lists of target primary (annual) and secondary (every four years or less frequently) variables to be transmitted to Eurostat; common guidelines and procedures; common concepts (household and income) and classifications aimed at maximizing comparability of the information produced.

The minimum size of the sample of the overall population which is surveyed every year is of:

- Cross-sectional data operation: about 130,000 households and 270,000 persons aged 16 and over are interviewed in the European Union countries.
- Longitudinal data operation: about 100,000 households and 200,000 persons aged 16 and over are interviewed in the European Union countries.

The reference population in EU-SILC includes all private households and their current members residing in the territory of the countries at the time of data collection. Persons living in collective households and in institutions are generally excluded from the target population. Some small parts of the national territory amounting to no more than 2 per cent the national population and the national territories listed below may be excluded from EU-SILC. All household members are surveyed, but only those aged 16 and more are interviewed.

The observations from Eurostat in the WIID are either estimated from microdata, whenever possible, or obtained from Eurostat website.

LIS

The Luxembourg Income Study (LIS) is the largest available income database of harmonized microdata and is based at the LIS Cross-National Data Center in Luxembourg. It mostly refers to developed economies, but it is increasingly expanding to incorporate middle-income countries and, in the near future, also more low-income countries. This database is widely recognized as the main international reference for cross-country comparisons for the countries and years covered. The observations from LIS in the WIID are acquired through the institution’s LISSY remote-access system.

World Bank

The World Bank provides an online tool, PovcalNet, to allow for country-level data estimation on-demand. The underlying concepts of the data acquired are difficult to track and hence we have graded the data mostly as average in our quality rating, but nevertheless this is an important data source given its impressive coverage across countries.

ECLAC/UNECLAC

The United Nations Economic Commission for Latin America and the Caribbean (UNECLAC), often referred to as ECLAC or CEPAL (Comisión Económica para América Latina), hosts a wide range of statistics and indicators, accessible through the CEPALSTAT database. It is considered as one of the two main references for cross-country inequality comparisons in the region.

SEDLAC

The Socio-Economic Database for Latin America and the Caribbean (SEDLAC), based in CEDLAS (La Plata, Argentina) in collaboration with the World Bank, is a harmonized set of indicators based on a collection of surveys. It is considered as one of the two main references for

cross-country inequality comparisons in the region. The WIID has acquired data directly from CEDLAS.

Evolution of the WIID

The data points in a secondary database will originate from different sources and refer to a variety of income and population concepts, sample sizes, and statistical methods. To deal with this reality the only thing one can do is to specify as precisely as possible the conceptual base for each observation, and to also otherwise document the data well. Atkinson and Brandolini (2001), Pyatt (2003), and Székeley and Hilgert (1999), who are critical of the use of secondary databases, point in particular to the problem of insufficient documentation. This criticism was taken into account in the construction of WIID2 (see the User Guide for WIID2, available from [UNU-WIDER website](#)). Jenkins (2015) provided a thorough review of WIID3 with suggestions on how it should be developed; Badgaiyan et al. (2015) addresses Jenkin's comments in detail.

WIID4, released in 2018, included significant changes to the format of the database. Succeeding versions have mostly retained those concepts, but several new inequality measures have been since added to the database.

The WIID version launched in 2019 was the first iteration to no longer carry the version number.

Coverage

The WIID comprises of 20,792 observations. The following summarizes the number of observations for different time periods:

Time span	Number of observations
Total observations	20,792
Before 1960	311
1960–69	710
1970–79	920
1980–89	1,652
1990–99	3,748
2000–09	6,352
2010–19	7,098
2020–	1

WIID contains data for 200 countries/economies, including historical entities, providing an almost worldwide coverage.

The observations originate from several sources:

- (1) LIS Cross-National Data Center (Luxembourg Income Study)
- (2) Eurostat
- (3) Socio-Economic Database for Latin America and the Caribbean (SEDLAC)
- (4) United Nations

- (5) Household survey statistics obtained from national statistical offices of the corresponding countries
- (6) Organisation for Economic Co-operation and Development (OECD)
- (7) World Bank's PovcalNet
- (8) Research outputs such as journal articles
- (9) Other international organizations

Corrected observations

WIID has been assembled from different sources, many dating back to times when paper records were the norm and transcription errors sometimes occurred. As a consequence, it included some duplicate observations, which have been eliminated, or coding errors and mistakes that have been corrected.

Some cases where the reported values of the Gini coefficient were inconsistent with historical trends have been verified with the source and corrected accordingly.

Approach to the grouped variables

The approach to the consolidated variables and the 'full' variables has been changed starting with WIID4. The main variable, also by name, is the grouped variable; e.g., *scale*, and then the additional information is given in the detailed variable; e.g., *scale_detailed*. It is convenient for most users to just use the consolidated variables.

For the grouped and detailed variables, it is convenient to follow which detailed values fall under which consolidated variable categories as the numerical values in the detailed variables are referring (with the first digit) to under which grouped category they fall into.

Variable level changes

The Gini index variable is now named *gini*, it is still presented as in the originating source.

Several new inequality measures have been added to the database: the family of the generalized entropy measures, and the family of Atkinson's inequality measures.

Variable *gdp* replaces the old variable *gdp_ppp_pc_usd2011*. The values represent gross domestic product (GDP) converted to 2017 US\$ per capita (see Gradín 2021 for details).

Database format

The data are available in two formats, as an Excel file and as a Stata file. The dataset was prepared using Stata version 16.1, and the users of earlier version of the software need to do the following:

install -use13- by typing in Stata's command prompt:

```
ssc install use13
```

and then use the *use13* command instead of the *use* command to open the data.

Documentation

The documentation of the database consists of four parts:

1. the documentation of the data in the database itself
2. this user guide
3. technical note paper
4. country information sheets

Documentation in the database itself

In the database itself, the user is informed about the coverage of the surveys underlying the observations, the income sharing unit, the unit of analysis and the equivalence scale, the income concept and the source and survey used (for details on the variable please refer to the variable list below).

The following *income/consumption/expenditure concepts* are the ones that are mainly used:

Net income/Disposable income: This label is given if the income concept more or less corresponds to the one specified by the Canberra Group. Even if this label is given, some items might be badly covered. For example, it is not always clear whether in-kind incomes are included or not. Often some in-kind incomes are covered but not home production. Sometimes non-labour incomes are asked in one question that lumps together transfers and income from property. The country-specific documentation and the quality rating give an indication if the income concept is acceptable.

Monetary disposable income: This label is given if there is a strong indication that in-kind incomes, imputed rents and home production are not included and that the taxes are deducted from the incomes.

Gross income: This label is given if the income concept more or less corresponds to the one specified by the Canberra Group before the deduction of taxes and social contributions. The same comments as for the disposable incomes apply.

Monetary gross income: This label is given if there is a strong indication that in-kind incomes, imputed rents and home production are not included and that the taxes are not deducted from the incomes.

Market income, factor income and primary income: This label includes employee income, income from self-employment and property income. Market income also includes private pensions.

Earnings: This label only refer to employee income and income from self-employment. A distinction between net and gross earnings has been made. *Earnings* (without a notion of gross or net) indicates that we do not know whether taxes have been deducted.

Income: This label is given if we do not have any information about the income concept from the source (or from some other sources). This means that the income concept might include earnings only, monetary incomes only, or it might be net or gross of taxes. Sources not including a definition of the income concept are accepted only if the source is one of

the big income distribution compilations or if no other estimates are available for that country and year.

Consumption: This label is given if there is a strong indication that the use value, rather than the purchase value of durables is included or if durables are completely excluded. In addition, fines and taxes should not be included in the aggregation.

Expenditure This label is given if we know that durables are included with their purchase value and/or taxes and fines are included. This label is also given if we do not have information about the treatment of durables.

It is important to note that the distinction between gross and net incomes is sometimes problematic. For example, this is a well-known problem in many Latin American surveys. The issue is that some questionnaires tend to implicitly request gross income, while there is the belief that people paying direct taxes (the formal sector) might actually be reporting take-home wages. For the informal sector, there is basically no difference between net and gross. For this reason, in some cases in which this problem is identified and the source is not clear about whether income is gross or net, income is labelled as net/gross to indicate this ambiguity. In other cases, it is possible that income, even if labelled as net or as gross, still has the same problem.

The following **income sharing units** (variable *sharing_unit*) are used (mainly):

Household: There are variations in the definitions. A broader definition defines the household as covering people who share a dwelling, a more restrictive definition those who share a dwelling and who share resources.

Tax unit: The definition depends on the tax laws but is often close to nuclear family. Sometimes children aged 18 or over living with their parents are treated as separate tax units.

Person: Indicates that the data are collected on the individual level which is in general the case in earnings surveys.

The **unit of analysis** (variable *reference_unit*) is either *household* or *person*. If the unit of analysis is *household* it means that the size of the households and the needs of different sized households have not been taken into account. If the unit is *person*, it means that the needs of different sized households have been taken into account.

The **equivalence scale** (variable *scale*) captures the way in which the resource levels of economic units are converted into the resource levels of the population units when equal sharing is assumed. 'No adjustment' is recorded when the population unit is the same as the economic unit. But various options are possible when, as is often the case, the original data refer to households, but the desired income distribution is defined over individuals.

If household needs rise in proportion to household size, then it is appropriate to assign household resources per capita to each household member, assuming equal sharing, as is frequently done in the WIID data. At the other extreme, making no adjustment and assigning total household resources to each household member implicitly assumes that additional household members do not increase needs (and there is equal sharing again). Empirical evidence suggests an intermediate position — household needs rise with size, but not in proportion due to economies of scale in consumption. Household equivalence scales reflect this evidence, but differ across time and place, perhaps

reflecting differences in household technology and spending patterns but also no doubt due to estimation methods. Thus, there are many different equivalence scales.

The four main general scales that are used are:

<i>Household per capita</i>	Household size
<i>Square root</i>	Household size ^{0.5}
<i>OECD scale</i>	1+0.7*n of additional adults + 0.5*n of children
<i>Modified OECD scale</i>	1+0.5*n of additional adults + 0.3*n of children

If the variation in equivalence scales used in different cases reflects genuine differences in technology or spending patterns, then that variation is not a concern. But even if the variation does not have such a justification, from the viewpoint of WIID users, the multiplicity of equivalence scales is probably a distraction rather than useful information. So, we group them all together and distinguish only three categories for the scale variable: per capita, equivalized, or no adjustment. Note that if a per capita or equivalized scale is applied to household resources, then the population unit must be the individual.

Technical note

Provides additional information on the WIID by source breakdowns and details about the updating process.

Country information sheets

In the country information sheets, we have summarized relevant documentation that has been available to us about the sources and the surveys used.

The sheets start by indicating the sources used and go on to describe the surveys. The years mentioned after the survey names indicate the years of the survey available to us, not the general availability of the survey. To understand the link between the country information sheets and the database it may be useful to check the variable Source Comments in the database. This column will, in most cases, indicate the name of the survey used for a particular estimate. The surveys indicated in this column are described in the sheets. We provide details about the survey coverage, sampling and income/consumption concepts, and if information was available on how the estimates were calculated in the source (column Source1 in the database), we also report that. The country information sheets will often give an impression of how consistent the time series are within sources and countries.

The database is increasingly auto-explanatory, so that users in general do not need to read the country information sheets. However, especially for many older observations, they still prove relevant.

Quality rating

To give guidance in the use of the database, quality ratings were given to the observations. This was not an easy task because of the heterogeneity of the estimates and the difficulty to decide where to draw the line between high- and low-quality estimates. The lack of documentation for especially older observations is also a major problem.

Criteria used

We have used three criteria to evaluate the quality of a data point:

1. *Whether the concepts underlying the observations are known or not*
In principle, this should be evident. In practice, it is far from always the case. Especially in older sources, it is often unclear what the income receiving units and the income concepts are.
2. *The coverage of the income/consumption concept*
The concepts as defined in the most preferred set of underlying definitions have been relied on (see Table 1). For most developed countries, estimates based on monetary incomes have been accepted since the exclusion of in-kind incomes and home production do not have a major effect on the income distribution. The exclusion of imputed rents does have some impact but since estimates are often not available, we have accepted the exclusion. In the case of earnings surveys, income concepts based on earnings are naturally accepted; in the case of household surveys not. This is because earnings do not give a complete picture of the household income. The exception is if the source reports estimates based on several different income concepts to illustrate the difference in inequality among different concepts. Deviations from the preferred income concept are if possible documented in the country information sheets.
3. *The survey quality*
A long list of desirable features could be pointed out, but in practice, *coverage issues*, *questionnaires* and *data collection methodology* were paid attention to. In many cases, the documentation available was insufficient to judge quality for even these issues. We often used additional sources to get information about the surveys.

Concerning *coverage issues*, we do not demand that the coverage should be national. Coverage is not necessarily a quality question, but about what is being measured. A rural household survey cannot be considered of bad quality because it covers rural areas only. The most important thing is that we know the survey coverage, so that rural or urban surveys are not taken for being national ones. Surveys covering very limited areas however are not acceptable, since they do not serve the purpose of the database. Attention was also paid to the exclusion of some special groups, such as households above a certain income threshold only living on charity.

Questionnaires or diaries need to have a sufficient level of income or expenditure detail to be acceptable.

The *data collection methodology* is especially important for expenditure surveys and in countries where a large proportion of the population works in the informal sector with infrequent incomes. In these cases, too long a recall period leads to considerable measurement errors. For expenditure surveys, diaries must be kept or, especially in case of illiteracy, frequent visits must be made to

the households. Expenditure surveys collected in one single interview or with long recall periods were not considered to be of acceptable quality.

Final rating

These considerations resulted in the following quality rating:

- **High quality** refers to observations where both (a) the underlying income or consumption concepts are known and (b) the quality of the income or consumption concept and the survey are satisfactory according to the criteria outlined above.
- **Average quality** refers to observations where either (a) the underlying income or consumption concept or else (b) the quality of the income concept and the survey are unknown or unsatisfactory. The country information sheets will often indicate the specific problems.
- **Low quality** indicates observations where both the income or consumption concept and the survey quality are unsatisfactory.
- **Not known** is the label we attach to observations for which income concept and the survey quality are both indeterminate due to insufficient information. This rating is more common for older observations due to poor documentation.

Note that the quality assessment is intended as guidance for users, not as a recommendation that users discard observations not judged to be high quality. While the other observations do not satisfy the rather strict conditions that we have applied, they will still be useful in most applications.

Quality score

In addition to the quality variable, we provide also a computed quality score. This aims at giving a sense of how much information is provided by each observation, under the understanding that the more information we have about the survey and methodology used to produce the estimates, the better. It also considers how close the estimates are from the standard ones used in the literature. It does not make any consideration, however, about the quality of the survey or the methodology.

We award points to the observations based on their attributes in the following way (maximum is 13 points)

- Gini coefficient is available **(1)**
- Resource concept:
 - Consumption, Income (net), Income (gross), Monetary income (gross), Monetary income (net) **(5)**
 - Income, Income (net/gross), Monetary income, Market income **(3)**
 - Factor income, Primary income, Taxable income, Earnings **(1)**
- Equivalence scale:
 - Per capita or equivalized **(3)**
 - No adjustment **(2)**
- Area coverage:
 - All, Urban, Rural **(1)**
- Population coverage:
 - All **(1)**
- Distributional share information:
 - All of *d1-d1* are available **(2)**
 - All of *q1-q5* are available (at least one of *d1-d10* is missing) **(1)**

Some final guidelines

The user is advised to:

1. pay attention to definitional differences as documented in the database
2. consult the country sheets concerning information about individual countries (these will be made available at the WIID website)
3. keep in mind that sources which adapt different income concepts or different statistical units cannot be combined or compared unless data corrections and adjustments are introduced
4. keep in mind that data points with similar definitions are not automatically comparable since differences in survey methodology might impair the comparability
5. report in their research paper which series of Ginis they used from the WIID; i.e. provide knowledge of their algorithms of data selection to make sure readers understand which observations were used

Referring to the WIID

Please refer to the present WIID (along with the version date) as:

UNU-WIDER, World Income Inequality Database (WIID)

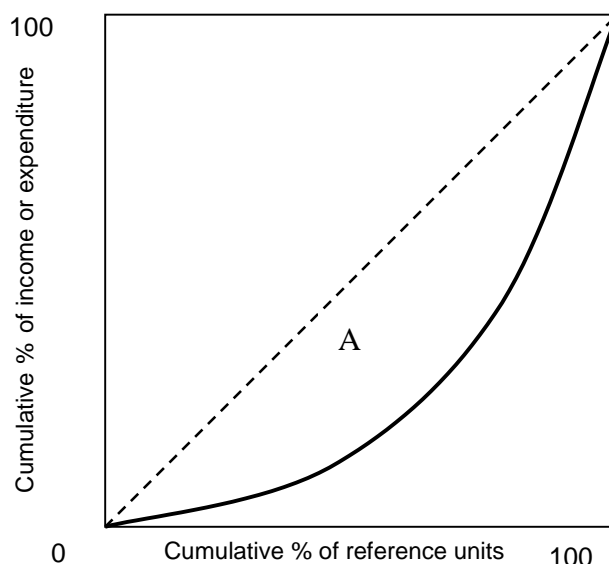
List of variables

Variables used in the WIID	
id	Identifier
country	Country or area
c3	3-digit country code in ISO 3166-1 alpha-3 format
c2	2-digit country code in ISO 3166-1 alpha-2 format
year	Year. Note that when a survey continues for more than a year, the year when it is finished is considered
gini	Gini coefficient as reported by the source (in most cases based on microdata, in some older observations estimates derive from grouped data)
gem1	GE(-1)
ge0	GE(0), MLD, M-Theil
ge1	GE(1), T-Theil
ge2	GE(2), $\frac{1}{2} CV^2$
a025	Atkinson (0.25)
a050	Atkinson (0.50)
a075	Atkinson (0.75)
a1	Atkinson (1)
a2	Atkinson (2)
palma	Palma ratio – the share of the top 10% divided by the share of the bottom 40%
ratio_top20bottom20	The share of the top 20% divided by the share of the bottom 20%
bottom40	Bottom 40%, share of the total. Evolution of this measure over time is one of the indicators of the Sustainable Development Goals.
q1-q5	Quintile group shares of resource
d1-d10	Decile group shares of resource
bottom5 and top5	Bottom five and top 5% group shares of resource
resource	Resource concept
resource_detailed	Detailed resource concept
scale	Equivalence scale
scale_detailed	Detailed equivalence scale
sharing_unit	Income sharing unit/statistical unit
reference_unit	Unit of analysis, indicates whether the data has been weighted with a person or a household weight
areacovr	Area coverage. The land area which was included in the original sample surveys etc.
areacovr_detailed	Detailed area coverage
popcovr	

popcovr_detailed	Population coverage. The population covered in the sample surveys in the land area (all, rural, urban etc.) which was included
region_un	Detailed population coverage, including age coverage information in certain cases
region_un_sub	Regional grouping based on United Nations geoscheme
region_wb	Sub-regional grouping based on United Nations geoscheme
eu	Regional grouping based on World Bank classification
oecd	Current EU member state
incomegroup	Current OECD member state
mean	World Bank classification by country income
median	Survey mean given with the same underlying definitions as the Gini coefficient and the share data
currency	Survey median given with the same underlying definitions as the Gini coefficient and the share data
reference_period	Currency for the mean and median values. If the reference is US\$2011PPP it means that the currency is in 2011 US dollar per month, with purchasing power parity applied on it.
exchangerate	Time period for measuring mean and median values
mean_usd	Conversion rate from local currency units (LCU) to United States Dollars (USD)
median_usd	Mean measure in United States Dollar (USD)
gdp	Median measure in United States Dollar (USD)
population	Gross domestic product (GDP) converted to 2017 US\$ in per capita terms, integrated series
revision	Population of countries from the UN population prospects
quality	Indicates the time of the revision when the observation was included to the database
quality_score	Quality assessment
source	Computed quality score
source_detailed	Source type
source_comments	Source from which the observation was obtained
survey	Additional source comments
link	Originating survey information
wiidcompanion	Link to the source at the time of extracting the data
	Indicates whether the observation was used to construct the country companion dataset

Glossary

Lorenz curve and the Gini coefficient



A straightforward graphical interpretation of the Gini coefficient is in terms of the Lorenz curve, which is the thick curve in the figure above. The horizontal axis measures the cumulative percentage of the population, whose inequality is under consideration, starting from the poorest and ending with the richest. The vertical axis measures the cumulative percentage of income (or expenditure) associated with the units on the horizontal axis.

In case of a completely egalitarian income distribution in which the whole population has the same income, the Lorenz curve would be the dashed 45-degree line. When incomes vary within the population, the poor population has a proportionately lower share of income compared with the rich population, and the Lorenz curve may look like the above thick curve below the 45-degree line. As inequality rises, the thick curve moves towards the bottom right-hand corner.

The Gini coefficient is the area A between the 45-degree line and the Lorenz curve, divided by $1/2$, the total area under the 45-degree line. The Gini coefficient may be given as a proportion or percentage. From this, it is clear that the Gini coefficient will be equal to 0 when the distribution is equal. If the society's total income accrues to only one person/household unit, leaving the rest with no income at all, then the Gini coefficient approaches 1, or 100%.

Equivalence scales

One complication posed by use of the household as the statistical unit is that households vary in size and composition and such differences between households mean that their relative needs will be different. For example, a large household will have a lower standard of living from the same income as that received by a small household, all other things being equal. Costs of household members also differ according to their age, student status, labour force status and so on.

Equivalence scales are designed to adjust income/consumption to account for differences in need due to differences in household size and composition. The most basic of such adjustments is to calculate household income/consumption per member to adjust total incomes/consumption

according to the number of people in the household. But such an adjustment ignores economies of scale in household consumption relating to size and other differences in needs among household members, in particular differing needs according to the age of both adults and children.

There is a wide range of equivalence scales in use in different countries and by different organizations. All take account of household or family size: in many scales this is the only factor, whilst in those taking into account other considerations it is the factor with greatest weight. Equivalence scales are usually presented as income/consumption amounts, or ratios of amounts, needed by households of different size and structure. Thus, if a one-person household needs one unit of income/consumption to maintain a given level of living, a two-person household may need 1.7 units, and a three-person household 2.2 units. There are two basic approaches to construction of scales: those which use the expert knowledge of social scientists and others, and those which are developed empirically based on analysis of survey data; (citation from the Canberra Group Report 2001: 40).

Quintile, decile, percentile group shares

The quintile group shares express the share of total income going to each fifth of the population ordered according to the size of their incomes. In the WIID, these shares are expressed as percentages of total income. The first quintile group includes the poorest 20 per cent of the population, while the fifth quintile includes the richest 20 per cent. Deciles divide the population into ten groups and percentiles into one hundred groups.

Unit record data/microdata

Data that contain information on unit level from the survey; in the case of income or consumption distribution data the units is most often the household or the members of the household. If, for example, 8,000 households took part in a survey, the unit record data include all 8,000 households or household members.

Grouped data

This is data available in some kind of grouped form, for example the number of persons in income classes or quintile/decile group data.

Imputed rents for owner-occupied dwellings

This is the imputed value of the services provided by a household's residence, after deduction of expenses, depreciation and property taxes. Home ownership may offset other costs and is therefore important. The main problem is the accurate measurement of imputed rent. The value of the rent of owner-occupied dwellings should in principle be the market rental value of an exactly similar house (Canberra Group Report 2001: 63, 120).

Home consumption

Value of goods produced and consumed within the households, less expenses incurred in production. Inclusion of this item is particularly important in countries where subsistence agriculture is significant (Canberra Group Report 2001: 120).

Appendix A: Codebook

The value labels for numeric variables are listed in below. In addition to the grouped variables (e.g., *resource*), we provide the detailed variables (e.g., *resource_detailed*) that contain the full information. The values of the detailed variables match to the grouped variables with the first digit: For example, ‘202 Monetary income’ in the *resource_detailed* is ‘2 Income (net/gross)’ in *resource*.

<i>Resource</i>	
Value	Label
1	Income (net)
2	Income (net/gross)
3	Income (gross)
4	Consumption
5	Earnings

<i>resource_detailed</i>	
Value	Label
101	Income, net
102	Monetary income, net
103	Monetary income, net (excluding property income)
201	Income, net/gross
202	Monetary income
301	Income, gross
302	Monetary income, gross
401	Consumption
501	Earnings
502	Earnings, gross
503	Earnings, net
504	Factor income
505	Market income
506	Primary income
507	Taxable income, excluding property income
508	Taxable income, gross
509	Taxable income, gross (including deductions)
510	Taxable income, net
601	Income/consumption

<i>scale</i>	
Value	Label
1	Per capita
2	Equivalized
3	No adjustment

<i>scale_detailed</i>	
Value	Label
101	Per capita
102	Head of household
201	Equivalized
202	1977 McClements scale
203	1988 revised Jensen scale
204	National scale
205	OECD
206	OECD-modified
207	Square root
208	Supplemental poverty measure
209	SEDLAC
301	No adjustment

<i>sharing_unit</i>	
Value	Label
1	Household
2	Family
3	Tax unit
4	Person

<i>reference_unit</i>	
Value	Label
1	Person
2	Household
3	Family
4	Tax unit

<i>areacovr</i>	
Value	Label
1	All
2	Rural
3	Urban
4	Part

<i>areacovr_detailed</i>	
Value	Label
101	All
102	All, excl. Abkhasia and Tskhinvali
103	All, excl. Costa Rural, Selva Rural and Selva Urbana (30% of the population)
104	All, excl. East Timor
105	All, excl. East-Central State
106	All, excl. Transnistria
107	All, excl. West Irian and East Timor
108	All, excl. West Irian, East Timor and Maluku
109	All, excl. eight districts in the north and the east (15% of the population)
110	All, excl. nomadic areas
111	All, excl. northern and eastern provinces
112	All, excl. seven districts
113	All, excl. some special areas (4% of the population)
114	Continental Portugal
115	Main island
116	With rural north
117	Without rural north
118	Without Northern Ireland
201	Rural
202	Agricultural sector
203	Four rural areas
204	Rural, excl. seven districts on national level
301	Urban
302	All, mainly urban areas
303	Capital
304	Cities
305	Cities (n=16)
306	Cities (n=17)
307	Cities (n=4)
308	Cities (n=7)
309	Cities (n=8)
310	Metropolitan area
311	Nonagricultural sector
312	Paramaribo and Wanica
313	Urban, excl. Western Province
314	Urban, excl. metropolitan area
315	Urban, excl. seven districts on national level
316	Greater Buenos Aires
317	15 main cities
318	28 main cities
401	Estate sector

402	Four areas
403	Java
404	Nonmetropolitan area
405	Peninsular Malaysia
406	Six northern provinces
407	Three cantons
408	East Germany
409	West Germany

<i>popcovr</i>	
Value	Label
1	All
2	Economically active
3	Specific categories

<i>popcovr_detailed</i>	
Value	Label
101	All
201	Economically active
202	Employed
203	Family units with earnings
204	Households with earnings
205	Income recipients
206	Taxpayers
301	Agricultural households
302	All excl. some private sector employees
303	All, aged 20-64
304	All, aged 25-59
305	All, excl. farmers
306	All, excl. fishery hhs and farm hhs with very small land holdings
307	All, excl. foreign-head hhs + hhs with net income DM > 25000
308	All, excl. foreign-headed hhs
309	All, excl. foreign-headed hhs + hhs with net income DM >= 15000
310	All, excl. foreign-headed hhs + hhs with net income DM >= 20000
311	All, excl. foreign-headed hhs + hhs with net income over a certain limit
312	All, excl. hhs with net income DM > 35000
313	All, excl. hhs with wives aged 44+
314	All, excl. households depending entirely on charity
315	All, excl. nomadic people (30% of the population)
316	All, excl. pensioner-headed households
317	All, excl. pensioners
318	All, excl. self-employed in the high income brackets
319	All, excl. single-member households
320	All, excl. very high income households

321	All, unclear if inclusive of nomadic people (30% of the population)
322	Employed, > 10 employees
323	Employed, > 25 employees
324	Employed, > 5 employees
325	Employed, African males
326	Employed, aged 10+
327	Employed, aged 16+
328	Employed, excl. entrepreneurs and farmers, >= 3 employees
329	Employed, excl. independent farmers, persons employed in crafts and trade
330	Employed, excl. private enterprises, >= 20 employees
331	Employed, excl. self-employeds
332	Employed, excl. small enterprises
333	Employed, excl. small enterprises and cooperatives
334	Employed, excl. small private enterprises
335	Employed, full-time
336	Employed, full-time employees in the public sector
337	Employed, full-time, >= 100 employees
338	Employed, full-time, >= 20 employees
339	Employed, full-time, >= 25 employees
340	Employed, full-time, >= 25 employees, some sectors >= 100 employees
341	Employed, full-time, >= 50 employees
342	Employed, full-time, excl. self-employeds and farmers
343	Employed, multi-member households
344	Employed, private sector
345	Employed, public sector
346	Employed, public sector, excl. social organizations
347	Employed, socialized sector
348	Employed, socialized sector, > 5 employees
349	Employed, state and cooperative sector
350	Employed, state sector
351	Employee households
352	Estate sector
353	Excl. self-employed households
354	Households where head employed or inactive
355	Households with positive or zero taxable incomes
356	Income recipients, aged 17+
357	Income recipients, public sector
358	Males, aged 20+
359	Mostly families of state sector and collective farm employees
360	Non-agricultural households
361	Non-agricultural multi-member households
362	Non-estate sector
363	Non-farm population
364	Omani
365	Qatari

366	Saudi
367	Self-employed households
368	Taxpayers, Jewish
369	Taxpayers, aged 15+
370	Taxpayers, aged 16+
371	Taxpayers, aged 20+
372	Taxpayers, permanently employed and self-employed
373	Wage earners
374	Workers
375	Workers, state and cooperative sector

<i>region_un</i>	
Value	Label
1	Americas
2	Europe
3	Africa
4	Asia
5	Oceania

<i>region_un_sub</i>	
Value	Label
101	Northern America
102	Central America
103	Caribbean
104	South America
201	Northern Europe
202	Western Europe
203	Eastern Europe
204	Southern Europe
301	Northern Africa
302	Western Africa
303	Middle Africa
304	Eastern Africa
305	Southern Africa
401	Western Asia
402	Central Asia
403	Southern Asia
404	Eastern Asia
405	South-eastern Asia
501	Australia and New Zealand
502	Micronesia
503	Melanesia
504	Polynesia

<i>region_wb</i>	
Value	Label
1	North America
2	Latin America and the Caribbean
3	Europe and Central Asia
4	Middle East and North Africa
5	sub-Saharan Africa
6	South Asia
7	East Asia and the Pacific

<i>eu</i>	
Value	Label
0	Non-EU
1	EU

<i>oecd</i>	
Value	Label
0	Non-OECD
1	OECD

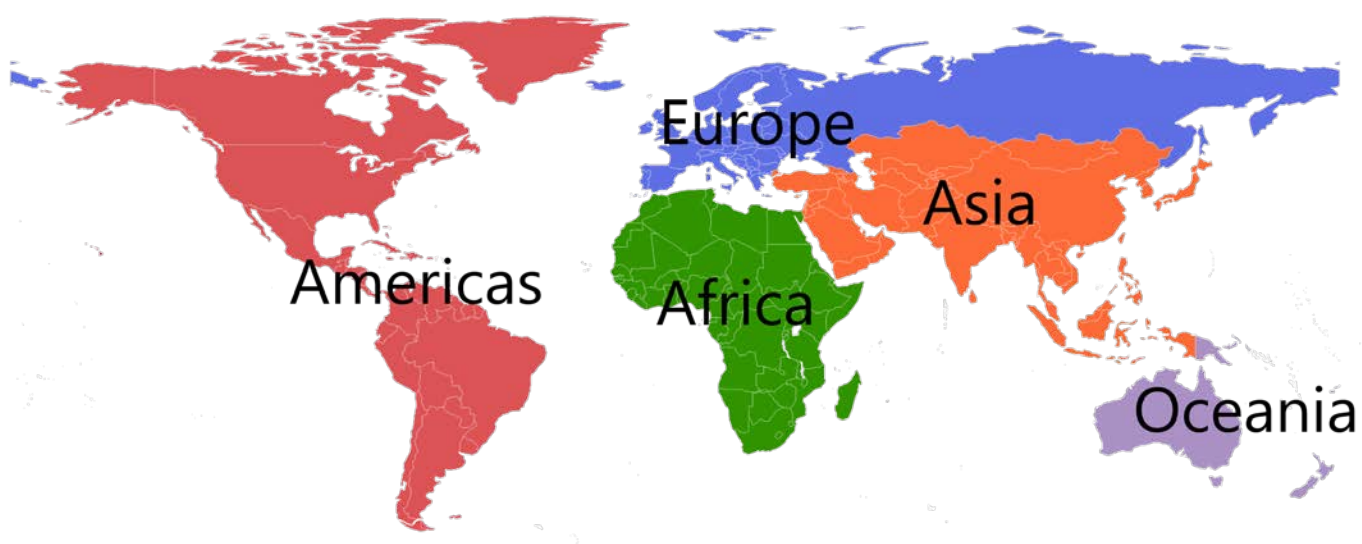
<i>incomegroup</i>	
Value	Label
1	High income
2	Upper middle income
3	Lower middle income
4	Low income

<i>reference_period</i>	
Value	Label
1	Year
2	Month
3	Week
4	Day

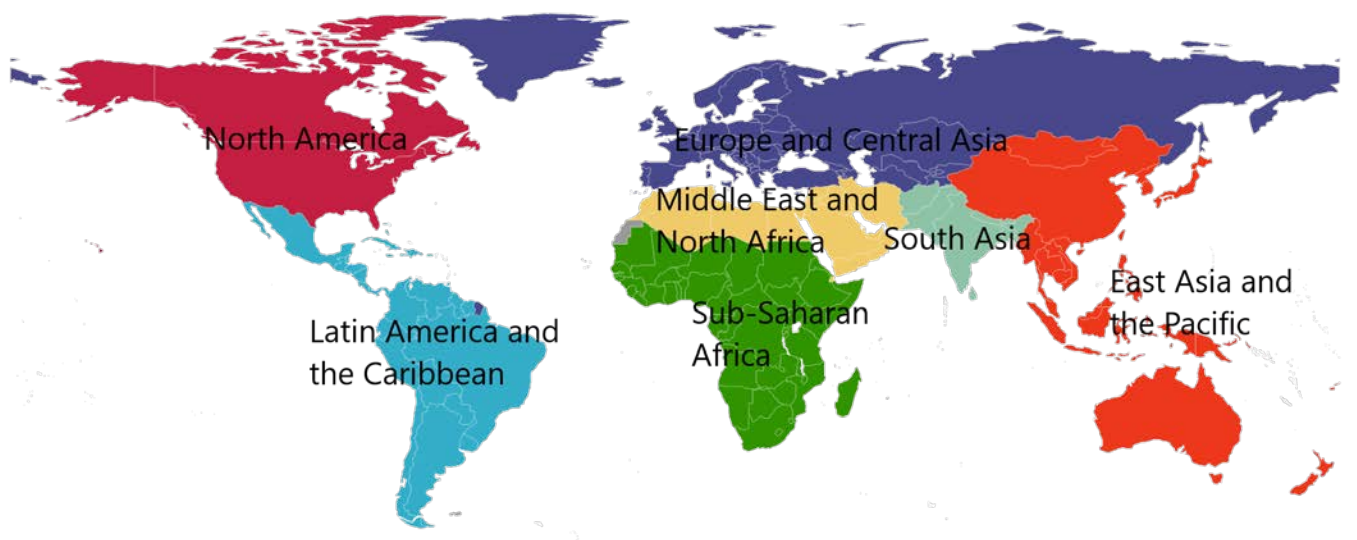
<i>quality</i>	
Value	Label
1	High
2	Average
3	Low
4	Not known

<i>source</i>	
Value	Label
1	Luxembourg Income Study
2	Eurostat
3	SEDLAC
4	United Nations
5	National statistical authority
6	OECD
7	World Bank
8	Research study
9	Other international organizations
<i>wiidcompanion</i>	
Value	Label
0	No
1	Yes
2	No (overlapping)

Appendix B: United Nations geographical regions and sub-regions



Appendix C: World Bank regional classification



Sources

- Adelman, I., and C.T. Morris (1984). *Economic Growth and Social Equity in Developing Countries*. Redwood City, CA: Stanford University Press.
- AFRISTAT — Economic and Statistical Observatory for sub-Saharan Africa (2007). *Profil de pauvreté en Guinée équatoriale 2006*. AFRISTAT.
- Ahiram, E. (1964). 'Income Distribution in Jamaica, 1958'. *Social and Economic Studies*, 13(3): 333–51.
- Ahiram, E. (1966). 'Distribution of Income in Trinidad-Tobago and Comparison with Distribution of Income in Jamaica'. *Social and Economic Studies*, 15(2): 103–20.
- Aigbokhan, B.E. (1986). 'Size Distribution of Income in Nigeria: Decomposition Analysis'. *Scandinavian Journal of Development Alternatives*, 5(4): 25–33.
- Alarcon Gonzalez, D., and T. McKinley (1997). 'The Paradox of Narrowing Wage Differentials and Widening Wage Inequality in Mexico'. *Development and Change*, 28(3): 505–30.
- Alexeev, M.V., and C.G. Gaddy (1993). 'Income Distribution in the USSR in the 1980s'. *Review of Income and Wealth*, 39(1): 23–36.
- Ali, A.A.G. (2003). 'Globalization and Inequality in the Arab Region' Working Paper No.7. Kuwait: Arab Planning Institute.
- Al-Qudsi, S. (1981). 'Income Distribution in Kuwait'. The *Journal of The Social Sciences*, Kuwait University Press.
- Altimir, O. (1986). 'Estimaciones de la Distribucion del Ingreso en la Argentina, 1953–1980'. *Desarrollo Economico*, 25(100): 521–566.
- Andorra (2003). *Informe sobre l'estat de la pobresa i la desigualtat al Principat d'Andorra*. Andorra la Vella: Ministry of Finance.
- Andorra (2018). *Estudi sobre el cost de la vida a Andorra*. Andorra la Vella: Ministry of Finance.
- Ansoms, A., and S. Marysse (2004). 'The Evolution and Characteristics of Poverty and Inequality in Rwanda: Coincidence of Violence and Structural Constraints'. Paper [unpublished] presented at UNU-WIDER Conference *Making Peace Work*, 4–5 June, Helsinki.
- Araar, A. et al. (2015): 'The Quest for Subsidy Reforms in Libya'. Policy Research Working Paper No. 7225. Washington, D.C.: World Bank.
- Arneberg, M. W., and Pedersen, J. (2001). *Urban Households and Urban Economy in Eritrea*. Oslo: Fafo Institute for Applied Social Science.
- Asian Development Bank (2007). 'Key Indicators 2007: Inequality in Asia. ASEA (2003)'. *ASEAN Statistical Yearbook 2003*. Jakarta: ASEA.
- Atkinson, A.B., and J. Micklewright (1992). *Economic Transformation in Eastern Europe and the Distribution of Income*. Cambridge: Cambridge University Press.
- Atkinson, A.B., L. Rainwater, and T. Smeeding (1995a). 'Income Distribution in European Countries'. LIS Working Paper No. 121. Luxembourg: Luxembourg Income Study.
- Atkinson, A.B., L. Rainwater, and T. Smeeding (1995b). *Income Distribution in OECD Countries: Evidence from the Luxembourg Income Study*. Social Policy Study. Paris: Organisation for Economic Co-Operation and Development.
- Australia (various). *6523.0 Income Distribution*. Canberra: Australian Bureau of Statistics. Available from: <http://www.abs.gov.au/>
- Australia (various). *Year Book Australia*. Number 73. Canberra: Australian Bureau of Statistics.

- Australia (2014). *6523.0 Household Income and Wealth Survey, Australia, 2013–14*. Canberra: Australian Bureau of Statistics. Data extracted 27.02.2016. Available from <http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/6523.02013-14?OpenDocument>
- Azerbaijan (various). *Budget of Households*. Baku: The State Statistical Committee of Azerbaijan.
- Bahamas, The (various). *Labour Force and Household Income Reports (BDS-LFHIR)*. Nassau: Department of Statistics.
- Bahamas, The (2004). *Bahamas Living Conditions Survey*. Nassau: Department of Statistics.
- Bahrain. *Household Expenditure and Income Survey 2014/2015*. Bahrain: Information and eGovernment Authority.
- Baldwin, R.E. (1966). *Economic Development and Export Growth: A Study of Northern Rhodesia, 1920–60*. Berkeley, CA: University of California Press.
- Bangladesh (various). *Statistical Yearbook of Bangladesh*. Dhaka: Bangladesh Bureau of Statistics.
- Benjamin, D. et al. (2005). 'Income Inequality During China's Economic Transition'. In Brandt, L. and T.G. Rawski (eds), *China's Great Economic Transformation*. Cambridge: Cambridge University Press.
- Bergan, A. (1967). 'Personal Income Distribution and Personal Savings in Pakistan: 1963/64'. *Pakistan Development Review*, 7(2): 160–212.
- Bergsman, J. (1980). 'Income Distribution and Poverty in Mexico'. World Bank Staff Working Paper No.395. Washington, DC: The World Bank.
- Bhalla, S.S. (1988). 'Is Sri Lanka an Exception?: A Comparative Study of Living Standards'. In T.N. Srinivasan and P.K. Bardhan (eds), *Rural Poverty in South Asia*. New York: Columbia University Press.
- Bigsten, A. (1986). 'Welfare and Economic Growth in Kenya, 1914–76'. *World Development*, 14(9): 1151–1160.
- Bosnia and Herzegovina (various). *Statistical Yearbook*. Sarajevo: Institute of Statistics of the Federation of Bosnia Herzegovina.
- Botswana (1994). *Household Income and Expenditure Survey: 1993/94*. Data provided directly by the Statistical Office.
- Bourguignon, F., and C. Morrisson (1989). *External Trade and Income Distribution*. Development Centre Studies. Paris: Organisation for Economic Co-operation and Development.
- Boyd, D.A.C. (1988). *Economic Management, Income Distribution, and Poverty in Jamaica*. New York: Praeger.
- Brady, E.A. (1968). *The Distribution of Total Personal Income in Peru: 1963*. University of Iowa.
- Bramall, C. (2001). 'The Quality of China's Household Income Surveys'. *The China Quarterly*, (167): 689–705.
- Brandolini, A. (1998). *A Bird's-Eye View of Long-Run Changes in Income Inequality*. Rome: Banca d'Italia Research Department.
- Brandolini, A. (1999). 'The Distribution of Personal Income in Post-War Italy: Source Description, Data Quality, and the Time Pattern of Income Inequality'. Temi di discussione No. 350. Rome: Bank of Italy.
- Brandolini, A. (2004). 'Income Inequality and Poverty in Italy: A Statistical Compendium'. Mimeo. Rome: Bank of Italy.
- Brundenius, C. (1984). *Revolutionary Cuba: The Challenge of Economic Growth with Equity*. Boulder: Westview Press.

- Brunei (2018). *Report of the Household Expenditure Survey 2015/16*. Brunei Ministry of Finance and Economy.
- Bruton, H. J. et al. (1992). *Sri Lanka and Malaysia: The Political Economy of Poverty, Equity, and Growth*. A World Bank Comparative Study. Oxford: Oxford University Press for the World Bank.
- Bulgaria (various). *Statistical Yearbook of Bulgaria*. Sofia: National Statistical Institute
- Cai, H. et al. (2010). 'Income and Consumption Inequality in Urban China: 1992–2003'. *Economic Development and Cultural Change*, 58(3): 385–413.
- Cambodia (2015). *Cambodia Socio-Economic Survey*. Phnom Penh: Cambodia National Institute of Statistics.
- Canada (various). *Statistical Yearbook of Canada*. Ottawa: Statistics Canada.
- Canada (various). *Survey of Consumer Finances*. Ottawa: Statistics Canada.
- Canada (various). *Survey of Labour and Income Dynamics*. Ottawa: Statistics Canada.
- Canagarajan, S., J. Ngwafon, and S. Thomas (1997). 'The Evolution of Poverty and Welfare in Nigeria, 1985–92'. Policy Research Working Paper No.1715. Washington, DC: World Bank.
- Canceill, G., and A. Villeneuve (1990). 'Les inegalites de revenus: quasi statu quo entre 1979 et 1984 pour les salaries et les inactifs'. *Economie et statistique*, (230): 65–74.
- Cantillon, B. et al. (1994). *Indicateurs Sociaux: 1985–1992*. Antwerp: University of Antwerp, Centrum voo Sociaal Beleid.
- Cape Verde (2016). *III Inquérito às Despesas e Receitas Familiares*. Praia: Cabo Verde Instituto Nacional de Estatística.
- CEPAL (1984). 'Estructura del gasto de consumo de los hogares segun finalidad del gasto, por grupos de ingreso'. *Cuadernos de la CEPAL*. Santiago de Chile: CEPAL.
- CEPAL (1986). *Antecedentes estadísticos de la distribución del ingreso Colombia 1951–1982*. Santiago de Chile: CEPAL.
- Cerisola, J.A. et al. (2000). *Distribucion del ingreso y gastos de consumo en la Republica Argentina*. FACPE Federation Argentina de Consejos Profesionales de Ciencias Economi. Available from: <<http://www.facpce.org.ar/boletines/30/distribucion30.htm>>
- Céspedes V.H. (1973). *Costa Rica: La Distribucion del Ingreso y el Consumo de Algunos Alimentos*. Publicaciones de la Universidad de Costa Rica, Serie Economia y Estadística 45. Costa Rica: Ciudad Universitaria 'Rodrigo Facio'.
- Chai, J.C.H., and K.B. Chai (1994). 'Economic Reforms and Inequality in China'. *Rivista Internazionale de Scienze Economiche e Commerciali*, 41(8): 675–696.
- Chand, G. (2004). *Overview of current economic conditions in Fiji*. Global Policy Network. Available from: <http://www.globalpolicynetwork.org>
- Chang, K. (1968). *Economic Development in Taiwan*. Taipei: Cheng Chung.
- Chile (1994). *Notes on Income Distribution in Chile, 1994*. Santiago: Ministerio de Planeacion (MIDEPLAN), Department of Planning and Social Studies.
- China (2005). Sample Survey by the Economics Institute of the Chinese Academy of Social Sciences. Personal communication.
- China (various). *Integrated Urban and Rural Household Survey*. Beijing: National Bureau of Statistics.
- Chiswick, C.U. (1977). 'Regional Differences in the Distribution of Household Incomes in Thailand: 1962–1972'. Prepared for the World Bank.

- Choo, H. (1985). 'Estimation of Size Distribution of Income and Its Sources of Change in Korea, 1982'. Working Paper No.8515. Seoul: Korea Development Institute.
- Chotikapanich, D. et al. (2005). 'Estimating Income Inequality in China Using Grouped Data and the Generalized Beta Distribution'. Paper prepared for *UNU-WIDER Conference on Inequality*, Beijing, 23–24 April.
- Chuliang, L. et al. (2018). 'The long-term evolution of income inequality and poverty in China'. WIDER Working Paper No. 153. Helsinki: UNU-WIDER.
- CIID – China Institute for Income Distribution at Beijing Normal University (2018). Chinese Household Income Project. Personal communication.
- Cline, W.R. (1972). *Potential Effects of Income Redistribution on Economic Growth: Latin American Cases*. New York: Praeger.
- Collette, J. (2000). 'Empirical Inquiries and the Assessment of Social Progress in Western Europe: A Historical Perspective'. Social Policy and Development Programme Paper No.3. Geneva: United Nations Research Institute for Social Development.
- Cornia, G.A. (1994). 'Income Distribution, Poverty and Welfare in Transitional Economies: A Comparison between Eastern Europe and China'. *Journal of International Development*, 6(5): 569–607.
- Costa Rica (1982). *Evolucion socioeconomica de Costa Rica 1950-1980*. San Jose: Oficina de Planificacion Nacional y Politica Economica (OFIPLAN).
- Croatia (1998). *Statistical Yearbook 1998*. Zagreb: Central Bureau of Statistics.
- Cromwell, J. (1977). 'The Size Distribution of Income: An International Comparison'. *Review of Income and Wealth*, 23(3): 291–308.
- Cutler, D.M. and L.F. Katz (1992). 'Rising Inequality? Changes in the Distribution of Income and Consumption in the 1980's'. *The American Economic Review*, 82(2): 546–551.
- DANE (1972). *Analisis Econometrico de Distribucion de Ingresos*. Bogota: DANE-Departamento Administrativo Nacional de Estadistica, Colombia.
- DANE (1973). *Analisis Econometrico de Distribucion de Ingresos*. Bogota: DANE-Departamento Administrativo Nacional de Estadistica, Colombia.
- Datt, G. (1994). *Poverty in Sri Lanka: 1953 to 1986–87*. Washington, DC: World Bank.
- Datt, G. (1999). 'Has Poverty Declined since Economic Reforms?: Statistical Data Analysis'. *Economic and Political Weekly*, 34(50): 3516–3518.
- Deaton, A., and J. Dreze (2002). 'Poverty and Inequality in India: A Re-Examination'. *Economic and Political Weekly*, 37(36): 3729–3748.
- Deininger, K., and L. Squire (1996). 'A New Data Set Measuring Income Inequality'. *World Bank Economic Review*, 10(3): 565–591.
- Deininger, K., and L. Squire (2004). Unpublished data provided by World Bank based on unit record data.
- Denmark (various). *Statistical Yearbook*. Copenhagen: Statistics Denmark.
- Denmark (1998). *Statistical Ten-Year Review 1998: Feature on Children and Their Families*. Copenhagen: Aarhus Stiftsbogtrykkerie.
- Denmark (1999). *Indkomster 1997 = Income 1997*. Kobenhavn: Danmarks Statistik.
- Denmark (2000). *Indkomster 1998 = Income 1998*. Kobenhavn: Danmarks Statistik.
- Denmark (2001). *Indkomster 1999 = Income 1999*. Kobenhavn: Danmarks Statistik.
- Denmark (2002). *Indkomster 2000 = Income 2000*. Kobenhavn: Danmarks Statistik.

- Denmark (2003). *Indkomster 2001 = Income 2001*. Kobenhavn: Danmarks Statistik.
- Denmark (2004). *Indkomster 2002 = Income 2002*. Kobenhavn: Danmarks Statistik.
- Djibouti (2004). *Djibouti: Poverty Reduction Strategy Paper*. IMF Country Report 04/152. Washington, DC: International Monetary Fund.
- Dookeran, W. (1981). 'The Distribution of Income in Trinidad and Tobago, 1957–76'. *Review of Income and Wealth*, 27(2): 195–206.
- Dowling, J.M. Jr., and D. Soo (1983). 'Income Distribution and Economic Growth in Developing Asian Countries'. Asian Development Bank Economic Staff Paper No.15. Manila: Asian Development Bank.
- Downes, A.S. (1987). 'The Distribution of Household Income in Barbados'. *Social and Economic Studies*, 36(4): 127–155.
- Duwayi, G. (1967). *Economic Development in Tunisia: The Impact and Course of Government Planning*. New York: Praeger.
- Easton, B. (1983). *Income Distribution in New Zealand*. Wellington: New Zealand Institute of Economic Research (INC).
- Elbers, C. et al. (2004). 'Poverty and Inequality in Brazil: New Estimates from Combined PPV-PNAD Data'. In C.E. Velez et al., *Inequality and Economic Development in Brazil*. Washington, DC: World Bank.
- El-laithy, H., M. Lokshin, and A. Banerji (2003). 'Poverty and Economic Growth in Egypt: 1995–2000'. World Bank Policy Research Working Paper No.3068. Washington, DC: The World Bank.
- Epland, J. (1992). 'Inntektsfordelingen i 80-årene'. *Økonomiske analyser*.
- Espina, M. (2008). 'Viejas y nuevas desigualdades en Cuba. Ambivalencias y perspectivas de la reestratificación social'. *Nueva Sociedad*, 216(7–8): 133–149.
- Estonia (1998). *Household Income and Expenditure 1997*. Tallinn: Statistical Office of Estonia.
- Estonia (1998). *Social trends*. Tallinn: Statistical Office of Estonia.
- Estonia (2000). *Household Budget Survey*. Tallinn: Statistical Office of Estonia Household Budget Survey and Analysis Section.
- Estonia (2003). *Household Living Niveau 2002 = Leibkonna elujärg 2002*. Tallinn: Statistical Office of Estonia.
- Estonia (2004). *Household Living Niveau 2003 = Leibkonna elujärg 2003*. Tallinn: Statistical Office of Estonia.
- Estudillo, J. P. (1997). 'Income Inequality in the Philippines, 1961–91'. *Developing Economies*, 35(1): 68–95.
- Ethiopia (2017). *Ethiopia's Progress Towards Eradicating Poverty: An Interim Report on 2015/16 Poverty Analysis Study*. Addis Ababa: National Planning Commission.
- European Commission (2006). *Eurostat Database: Date of Extraction 2.3.2006*. Available from: http://epp.eurostat.cec.eu.int/portal/page?_pageid=1996,45323734&_dad=portal&_schema=PORTAL&screen=welcomeref&open=/livcon/ilc/ilc_ip/ilc_di&language=en&product=EU_MASTER_living_conditions_welfare&root=EU_MASTER_living_conditions_welfare&scrollto=0
- European Union and the Central Statistics Organization of Afghanistan (2018): *Afghanistan Living Conditions Survey and the National Risk and Vulnerability Assessment*.
- Eurostat (2019). *Eurostat Database on income and living conditions*. Available from: <http://ec.europa.eu/eurostat/web/income-and-living-conditions/data/database>

- Falk Project for Economic Research in Israel (1967). *Fifth Report 1959 and 1960*. Jerusalem: The Falk Project for Economic Research in Israel.
- Farne, S. (1994). 'Apertura Comercial y Distribucion d Ingreso: La teoria y las Experiencias de Chile, Mexico, y Uruguay'. *Universitas Economica*, IX(1).
- Feenstra, R.C., R. Inklaar, and M.P. Timmer (2012). *Penn World Table*, version 7.1. Groningen Growth and Development Centre. Extracted on 12.01.2017. Available from: www.ggd.net/pwt
- Feenstra, R.C., R. Inklaar, and M.P. Timmer (2016). *Penn World Table*, version 9.0. Groningen Growth and Development Centre. Extracted on 28.11.2016. Available from: www.ggd.net/pwt
- Fei, J.C.H., G. Ranis, and S.W.Y. Kuo (1979). *Growth with Equity: The Taiwan Case*. Oxford: Oxford University Press for the World Bank.
- Felix, D. (1982). 'Income Distribution Trends in Mexico and the Kuznets Curves'. In S.A. Hewlett and R.S. Weinert (eds), *Brazil and Mexico: Patterns in Late Development*. Philadelphia: Institute for the Study of Human issues.
- Ferreira, F., and J. Litchfield (1996). 'Inequality and Poverty in the Lost Decade: Brazilian Income Distribution in the 1980s'. In V. Bulme (ed.), *The New Economic Model in Latin America and Its Impact on Income Distribution and Poverty*. New York: St. Martin's Press.
- Ferreira, F., and M. Ravallion (2008): 'Global Poverty and Inequality: A Review of the Evidence'. Policy Research Working Paper No. 4623. Washington, D.C.: World Bank.
- Ferreira, M.L. (1996). 'Poverty and Inequality during Structural Adjustment in Rural Tanzania'. Policy Research Working Paper No. 1641. Washington, D. C.: World Bank.
- FIDE (1998). 'Coyuntura y Desarrollo'. *Anuario Estadístico*, Buenos Aires.
- Fields, G.S. (1989). *A Compendium of Data on Inequality and Poverty for the Developing World*. Ithaca: Cornell University.
- Fields, G.S., and S. Soares (2005). 'The Microeconomics of Changing Income Distribution in Malaysia'. In F. Bourguignon, F.H.G. Ferreira, and N. Lustig (eds), *The Microeconomics of Income Distribution Dynamics: in East Asia and Latin America*. Washington, DC: International Bank for Reconstruction and Development.
- Fiji (various). *Household Income and Expenditure Survey*. Suva: Fiji Bureau of Statistics.
- Finland (2005). *Tulojen kehitys Suomessa 1966–2003*. Helsinki: Statistics Finland. Available from: www.stat.fi/til/tjt/2003/tjt_2003_2004-12-22_tau_001.html
- Fisher, J., D.S. Johnson, and T.M. Smeeding (2015). 'Inequality of Income and Consumption in the U.S.: Measuring the Trends in Inequality from 1984 to 2011 for the Same Individuals'. *Review of Income and Wealth*, 61(4): 630–650.
- Fisher, J. (2018). Updated figures for Fisher, J., D.S. Johnson, and T.M. Smeeding (2015). Personal communication.
- Fishlow, A. (1972). 'Brazilian Size Distribution of Income'. *American Economic Review: Papers and Proceedings of the American Economic Association*, 62(1/2): 391–402.
- Fishlow, A., A. Fiszbein, and L. Ramos (1993). 'Distribuição de renda no Brasil e na Argentina: Uma análise comparativa'. *Pesquisa e planejamento economico*, 23(1): 1–31.
- Fiszbein, A. (1995). 'Income Distribution in Colombia'. Mimeo
- Flakierski, H. (1989). *The Economic System and Income Distribution in Yugoslavia*. New York: M.E. Sharpe.
- Flemming, J., and J. Micklewright (1999). 'Income Distribution, Economic Systems and Transition'. Innocenti Occasional Papers, Economic and Social Policy Series No.70. Florence: UNICEF International Child Development Centre.

- Frenette, M., D. Green, and G. Picot (2004). *Rising Income Inequality in the 1990s: An Exploration of Three Data Sources*. Ottawa: Statistics Canada.
- Gambia, The (2011). *Integrated Household Survey Income and Expenditure Poverty Assessment 2010*. Banjul: Gambia Bureau of Statistics.
- Gasparini, L. (2003). 'Different Lives: Inequality in Latin America and the Caribbean', In, *Inequality and the State in Latin America and the Caribbean*. World Bank LAC Flagship Report 2003. Washington, DC: World Bank.
- Germany (2005). Development of Post-Government Income and Income Inequality, Germany 1992–2004. Personal communication with DIW (German Institute for Economic Research).
- Germany (1962). *Statistisches Bundesamt: Einkommens und Verbrauchstichproben*. Wiesbaden: Statistisches Bundesamt.
- Germany (1998). *Statistisches Jahrbuch 1998 für die Bundesrepublik Deutschland*. Wiesbaden: Statistisches Bundesamt.
- Goerlich, F.J., and M. Mas (2001). 'Inequality in Spain 1973–91: Contribution to a Regional Database'. *Review of Income and Wealth*, 47(3): 361–378.
- Goerlich, F.J., and M. Mas (2005). *Gasto de las Familias en las CCAA Españolas (1998–2002): Pautas de Consumo, Desigualdad y Convergencia*. Fundación Caixa Galicia, Centro de Investigación Económica y Financiera (CIEF) & Ivie.
- Goerlich, F.J., and M. Mas (2006). *Gasto de las Familias en las CCAA Españolas (1998–2002): Pautas de Consumo, Desigualdad y Convergencia*. Fundación Caixa Galicia, Centro de Investigación Económica y Financiera (CIEF) & Ivie.
- Goerlich, F.J., and M. Mas (2007). *Consumo de los hogares y distribución de la renta en España (1973–2003). Una perspectiva regional*, Fundación Caixa Galicia, Centro de Investigación Económica y Financiera (CIEF) & Ivie.
- Gonzalez-Vega, C., and V.H. Cespedes (1993). 'Costa Rica'. In S. Rottenberg (ed.), *The Political Economy of Poverty, Equity, and Growth: Costa Rica and Uruguay*. A World Bank Comparative Study. Oxford: Oxford University Press for the World Bank.
- Goodman, A., and A. Shephard (2002). 'Inequality and Living Standards in Great Britain: Some Facts'. Briefing Notes No.19. London: Institute for Fiscal Studies.
- Gradín, C., and F. Tarp (2019). 'Investigating growing inequality in Mozambique'. *South African Journal of Economics*, 87(2): 110–138.
- Greece (various). *Statistical Yearbook of Greece*. Athens: Hellenic Statistical Authority.
- Greenland (various). *Statistical Yearbook*. Greenland: Statistics Greenland.
- Guger, A. (1989). 'Einkommensverteilung und Verteilungspolitik in Österreich'. In A. Abele et al., *Handbuch der Österreichischen Wirtschaftspolitik*. Vienna: Manz.
- Guillemin, O., and V. Roux (2002). *Le niveau de vie des menages de 1970 a 1999*. Donnees Sociales 2002–2003. Paris: INSEE.
- Gunetilleke, N. (2000). 'Basic MIMAP Poverty Profile: Sri Lanka: Draft'. Colombo: Institute of Policy Studies.
- Gusenleitner, M., R. Winter-Ebmer, and J. Zweimüller (1996). 'The Distribution of Earnings in Austria, 1972–1991'. Working Papers No.9614. Linz-Auhof: Johannes Kepler University Linz.
- Gustafsson, B., and E.E. Palmer (1993). *Changes in Swedish Inequality: A study of Equivalent Income 1975–1991*. Gothenburg: University of Gothenburg.

- Gustafsson, B., and N. Makonnen (1994). 'The Importance of Remittances for the Level and Distribution of Economic Well-Being in Lesotho'. *Journal of International Development*, 6(4): 373–397.
- Haddad, A. (1990). 'Jordan's Income Distribution in Retrospect'. In K. Abu Jaber, M. Buhbe, and M. Smadi (eds), *Income Distribution in Jordan*. Boulder: Westview Press.
- Hansen, B. (1991). *The Political Economy of Poverty, Equity, and Growth: Egypt and Turkey*. A World Bank Comparative Study. Oxford: Oxford University Press for the World Bank.
- Hansen, F.K. (1993). *Social Exclusion in Denmark*. Copenhagen: Observatory for Social Exclusion.
- Hassan, F.M.A., and O. Ojo (2002). *Lesotho: Development in a Challenging Environment: A Joint World Bank-African Development Bank Evaluation*. Washington, DC: World Bank.
- Hassine, N. B. (2015). 'Economic Inequality in the Arab Region'. *World Development*, 66(1): 532–556.
- Hauser, R., and I. Becker, I. (2005). *Forschungsprojekt : Verteilung der Einkommen 1999–2003*. Bonn: Bundesministerium für Gesundheit und Soziale Sicherung.
- Hill, R. et al. (2017). 'A Fiscal Incidence Analysis for Ethiopia'. Commitment to Equity Institute (CEQ) Working Paper No. 41, New Orleans: Tulane University.
- Himanshu (2019). 'Inequality in India'. WIDER Working Paper No. 42. Helsinki: UNU-WIDER.
- Holder, C., and R. Prescod (1989). 'The Distribution of Personal Income in Barbados'. *Social and Economic Studies*, 38(1): 87–113.
- Hong Kong (1990). *Hong Kong Annual Digest of Statistics 1990*. Hong Kong: Census and Statistics Department.
- Hong Kong (various). *Population Census*. Hong Kong: Census and Statistics Department.
- Hundenborn, J. et al. (2016). 'Drivers of Inequality in South Africa'. A Southern Africa Labour and Development Research Unit Working Paper No. 194. Cape Town: University of Cape Town.
- IDB – Inter-American Development Bank. (1999). *Integration and Regional Programs Department Datasheets*. Washington, DC: Inter-American Development Bank.
- IDB – Inter-American Development Bank (2016). *Barbados Living Conditions Survey*.
- Ikemoto, Y. (1993). 'Income Distribution and Malnutrition in Thailand'. *Chulalongkorn Journal of Economics*, 5: 136–160.
- Ikemoto, Y., and Limskul, K. (1987). 'Income Inequality and Regional Disparity in Thailand, 1962–81'. *Developing Economies*, 25(3): 249–269.
- Ikemoto, Y., and M. Uehara (2000). 'Income Inequality and Kuznets' Hypothesis in Thailand'. *Asian Economic Journal*, 14(4): 421–443.
- ILO – International Labour Organization (1967). *Household Income and Expenditure Statistics, No. 1, 1950–64*. Geneva: International Labour Organization.
- ILO – International Labour Organization (1971). 'Matching Employment Opportunities and Expectations: A Program of Action for Ceylon'. Technical Papers. Geneva: International Labour Organization.
- ILO – International Labour Organization (1972). *Employment, Incomes and Equality: A Strategy for Increasing Productive Employment in Kenya*. Geneva: International Labour Organization.
- ILO – International Labour Organization (1984). *Rural-Urban Gap and Income Distribution (a Comparative Sub-Regional Study): Synthesis Report of Seventeen African Countries*. Addis Ababa: ILO, Jobs and Skills Programme for Africa.
- ILO – International Labour Organization (1996). *Statistics on poverty and income distribution: An ILO compendium of data*. Geneva: ILO.

- India (1972). *All India Household Survey of Income, Saving and Consumer Expenditure: (With Special Reference to Middle Class Households)*. New Delhi: National Council of Applied Economic Research.
- Indonesia (various). *Statistical Yearbook*. Jakarta: Central Bureau of Statistics of Indonesia
- Indonesia (various). *National Socio-Economic Survey*. Jakarta Central Bureau of Statistics of Indonesia.
- Institute for Fiscal Studies (various). *Family Expenditure Survey and Family Resources Survey*. London.
- Iraq (2005). *Iraq Living Conditions Survey 2004: Volume I: Tabulation Report; Volume II: Analytical Report*. Baghdad: Ministry of Planning and Development Cooperation.
- Israel (1998). *Annual State Revenue Report for 1997*. Jerusalem: Israeli Ministry of Finance.
- Jain, S. (1975). *Size Distribution of Income: A Compilation of Data*. Washington, DC: World Bank.
- Jamaica (various). *Jamaica Survey of Living Conditions*. Kingston: The Planning and Statistical Institutes of Jamaica.
- Japan (1997). *Annual Report on the Family Income and Expenditure Survey 1997*. Tokyo: Japan Statistics Bureau.
- Johnson, P., and S. Webb (1993). 'Explaining the Growth in UK Income Inequality: 1979–1988'. *Economic Journal*, 103(417): 429–435.
- Jäntti, M. (2005). Estimates calculated for UNU-WIDER by the author. Personal communication.
- Kairi Consultants (2010). *Country Poverty Assessment: Grenada, Carriacou and Petit Martinique. Volume 1 – Main Report*.
- Kakwani, N. (1996). 'Income Inequality, Welfare and Poverty in Ukraine'. *Development and Change*, 27(4): 663–691.
- Kakwani, N. (1986). *Analyzing Redistribution Policies*. Cambridge: Cambridge University Press.
- Kansal, S. (1982). *Data on Income Distribution in Thailand*. World Bank Division Working Paper No.1982–1. Washington DC: World Bank.
- Kattuman, P., and G. Redmond (1997). 'Income Inequality in Hungary, 1987–1993'. DAE Working Papers, Amalgamated Series No.9726. Cambridge: University of Cambridge, Department of Applied Economics.
- Kenya (2004). *Pulling Apart: Facts and Figures on Inequality in Kenya*. Nairobi: Society for International Development SID.
- Kervyn, A. (1980). 'L'Employ et la repartition des inister dans la Republique Gabonaise'. Mimeo.
- Khan, A.R., and C. Riskin (1998). 'Income and Inequality in China: Composition, Distribution and Growth of Household Income, 1988 to 1995'. *The China Quarterly*, (154): 221– 253.
- Khan, H.A. (1997). 'Ecology, Inequality, and Poverty: The Case of Bangladesh'. *Asian Development Review*, 15(2): 164–179.
- Korea (various). *Social Indicators in Korea*. Seoul: National Bureau of Statistics.
- Kuwait (2001). *Household Income and Expenditure Survey 1999–2000: Preliminary Results* Kuwait: Ministry of Planning.
- Kuznets, S. (1974). 'Demographic (and other) Components in Size Distribution of Income'. Paper delivered at the Joint Jerc-Cams Seminar on Income Distribution, Employment, and Economic Development in Southeast and East Asia, Tokyo, 16–20 December.
- Lachmann, D., and K. Bercuson (eds) (1992). *Economic Policies for a New South Africa*. IMF Occasional Paper No.91. Washington, DC: International Monetary Fund.

- Langoni, C. (1973). *Distribuicao da Renda' e Desenvolvimento Economico do Brasil*. Rio de Janeiro: Editora Expressao e Cultura.
- Latvia (1998). *Statistical Yearbook of Latvia 1998*. Riga: Central Statistical Bureau of Latvia.
- Lean, L.L. (1972). 'Income Distribution and Employment Programme: The Pattern of Income Distribution in West Malaysia, 1957–79'. World Employment Programme Research Working Paper. Geneva: International Labour Organization.
- Lecaillon, J. et al. (1984). *Income Distribution and Economic Development: An Analytical Survey*. Geneva: International Labour Office.
- Lee, W. (1991). 'Economic Growth and Earnings Distribution in Korea'. In T. Mizoguchi (ed.), *Making Economies More Efficient and More Equitable: Factors Determining Income Distribution*. Tokyo: Kinokuniya Company Ltd.
- Leibbrandt, M. et al. (2009). 'A Long-run Perspective on Contemporary Poverty and Inequality Dynamics'. In Aron, J. et al. (eds), *South African Economic Policy under Democracy*. Oxford: Oxford University Press.
- Leibbrandt, M. et al. (2010). 'Employment and Inequality Outcomes in South Africa'. Cape Town: Southern Africa Labour and Development Research Unit.
- Leigh, A. (2005). 'Deriving Long-Run Inequality Series from Tax Data'. *The Economic Record*, 81(255): 58–70.
- Leon, C.A.Y., and H. Leon (1979). *Estructura y niveles de ingreso familiar en el Peru*. Lima: Universidad del Pacifico, Centro de investigacion.
- Levy, F., and R.J. Murnane (1992). 'US Earnings Levels and Earnings Inequality: A Review of Recent Trends and Proposed Explanations'. *Journal of Economic Literature*, 30(3): 1333–1381.
- Levy, V. (1986). 'The Distributional Impact of Economic Growth and Decline in Egypt'. *Middle Eastern Studies*, 22(1): 89–103.
- Li, S. (2005). Some measures of income inequality in China, 2002. Personal communication.
- Lianos, T. P. and K.P. Prodromidis (1974). 'Aspects of Income Distribution in Greece'. Lecture Series No.28. Athens: Center of Planning and Economic Research.
- Lin, T. (1985). 'Growth, Equity, and Income Distribution Policies in Hong Kong'. *Developing Economies*, 23(1): 391–413.
- LIS Cross-National Data Center (Luxembourg Income Study) (various). Distributional income data received from LIS.
- Liu, J. and Li, S. (2011). 'Changes in Consumption Inequality in China'. Centre for Human Capital and Productivity Working Paper No. 11. London, Ontario: Department of Economics, University of Western Ontario.
- Lustig, N. et al. (2013) 'The impact of taxes and spending on inequality and poverty in Argentina, Bolivia, Brazil, Mexico, Peru and Uruguay'. Commitment to Equity Institute (CEQ) Working Paper No. 13. New Orleans: Tulane University.
- Lustig, N., and S. Higgins (2013). 'Estimating the Incidence of Social Spending, Subsidies and Taxes'. Commitment to Equity Institute (CEQ) Working Paper No. 1, New Orleans: Tulane University.
- Lydall, H. (1979). *A Theory of Income Distribution*. Oxford: Clarendon Press.
- North Macedonia (1997). *Statistical Yearbook 1997*. Skopje: Macedonia State Statistical Office.
- Mahmood, Z. (1984). 'Income Inequality in Pakistan: An Analysis of Existing Evidence'. *Pakistan Development Review*, XXIII (2&3): 365–379.

- Malaysia (2015) *Report of Household Income and Basic Amenities Survey 2014*. Data extracted on 14.12.2015. Available from: https://www.dosm.gov.my/v1/index.php?r=column/cthemByCat&cat=120&bul_id=aHhtTHVWNVYzTFBua2dSUIBRL1Rjdz09&menu_id=amVoWU54UTl0a21NWmdhMjFMMWcyZz09
- Mann, A.J. (1985). 'Economic Development, Income Distribution, and Real Income Levels: Puerto Rico, 1953–1977'. *Economic Development and Cultural Change*, 33(3): 485–502.
- Martellaro, J.A. (1989). 'South Korea and Taiwan: A Comparative Analysis of the Generation and Distribution of Income'. *Rivista Internazionale di Scienze Economiche e Commerciali*, 36(12): 1123–1140.
- Mauritius (2002). *Household Budget Survey 2001/02: Main results & Updated weights for the Consumer Price Index*. Port Louis: Statistics Mauritius, November. Available from: <<http://www.gov.mu/portal/sites/ncb/cso/ei394/intro.htm>> (visited 28.4.2006)
- McLure, C. (1975). 'The Incidence of Colombian Taxes: 1970'. *Economic Development and Cultural Change*, 24(1): 155–83.
- Mehran, F. (1975). 'Income Distribution in Iran: The Statistics of Inequality, Income Distribution and Employment Programme'. Working Papers No.30. Geneva: International Labour Office.
- Melgar, A. (1989). 'La distribucion del ingreso en la decada de los anos ochenta en Uruguay'. *Economia de America Latina*, (18–19): 113–26.
- Michael, J.M. (1977). *Size-Distribution of Household Incomes and Earnings in Developed Socialist Countries: with a Proposed Marginal-Utility-Weighted Gini Coefficient*. Binghamton: State University of New York at Binghamton.
- Milanovic, B. (1994). 'Determinants of Cross-Country Income Inequality: An 'Augmented' Kuznets' Hypothesis. Policy Research Working Paper No.1246. Washington, DC: World Bank.
- Milanovic, B. (1998). *Income, Inequality, and Poverty during the Transition from Planned to Market Economy*. World Bank Regional and Sectoral Studies. Washington, DC: World Bank.
- Milanovic, B., and Y. Ying (1996). *Notes on Income Distribution in Eastern Europe*. Washington, DC: The World Bank.
- Mirghani, H. M. (1980). 'Government Policies and Income Distribution in the Sudan'. In J.F. Rweyemamu (ed.), *Industrialization and Income Distribution in Africa*. Dakar: Codesria.
- Mizoguchi, T. (1985). 'Economic Development Policy and Income Distribution: The Experience in East and Southeast Asia'. *Developing Economies*, 23(4): 307–24.
- Mizoguchi, T., and N. Takayama (1984). 'Equity and Poverty under Rapid Economic Growth: the Japanese Experience'. Economic Research Series No.21. Tokyo: Institute of Economic Research Hitotsubashi University.
- Mongolia. *Statistical Yearbook 1997*. Ulaanbaatar: National Statistical Office of Mongolia.
- Morisson, C. (1968). *La Repartition des Revenus dans les Pays du Tiers-Monde*. Paris: Editions Cujas.
- Mozambique (2016). *Poverty and Well-being in Mozambique: Fourth National Poverty Assessment (IOF 2014/15)*. Maputo: Ministry of Economics and Finance.
- Murphy, D.C. (1985). 'Calculation of Gini and Theil Inequality Coefficients for Irish Household Incomes in 1973 and 1980'. *Economic and Social Review*, 16(3): 225–49.
- Myrdal, G. (1968). *Asian Drama: An Inquiry into the Poverty of Nations*, Vol.3. New York: Pantheon.

- Namibia (various). *Namibia Household Income and Expenditure Survey*. Windhoek: Namibia Statistics Agency.
- Nauru (2014). *Household Income and Expenditure Survey (HIES) 2012/2013. Main analytical report*. Nauru: Bureau of Statistics.
- Navarrete, I.M. de (1960). *La distribucion del ingreso y el desarrollo economico de Mexico*. Facsimilar ed. 1997. Mexico: Instituto de investigaciones economicas, Escuela nacional de economia.
- Netherlands (2005). *Household Income Inequality*. The Hague: Statistical Office of the Netherlands. Personal communication.
- New Zealand (various). *Household Economic Survey*. Wellington: Ministry of Social Development.
- Nigeria (1986). *National Integrated Survey of Households: Report of National Consumer Survey, April 1981–March 1984*. Lagos: Federal Office of Statistics.
- Nolan, B., and B. Maitre (2000). ‘Income Inequality’. In B. Nolan, P.J. O’Connell, and C.T. Whelan, *Bust to Boom: the Irish Experience with Growth and Inequality*. Dublin: ESRI.
- Norway (1993). *Income and Property Statistics 1982, 1984–1990 = Inntekts og formuesstatistikk 1982, 1984–1990*. Oslo: Statistisk Sentralbyrå.
- Norway (2000). *Income and Property Statistics for Households 1986–1996 = Inntekts og formuesstatistikk for husholdninger 1986–1996*. Oslo: Statistics Norway.
- Norway (2002). *Income and Property Statistics for Households 1999 = Inntekts og formuesstatistikk for husholdninger 1999*. Oslo: Statistics Norway.
- Norway (2004). *Income and Property Statistics for Households 2002 = Inntekts og formuesstatistikk for husholdninger 2002*. Oslo: Statistics Norway.
- Nssah, B.E. (1995). ‘Income Distribution in Gabon’. Mimeo.
- O’Dea, D. (2000). ‘The Changes in New Zealand’s Income Distribution’. Treasury Working Paper No.00/13. Wellington: The Treasury.
- OECD — Organisation for Economic Co-operation and Development (various): *Income Distribution Database*. Paris: OECD.
- Oliveira et al. (2017). ‘The expansion of consumption and the welfare dynamics of the Brazilian families: a decomposition analysis of poverty and inequality’. Paper prepared for *the Seventh ECINEQ Meeting*, New York, 18 July.
- Ojha, P.D., and V.V. Bhatt (1964). ‘Pattern of Income Distribution in an Underdeveloped Economy: A Case Study of India’. *American Economic Review*, 54(5): 711–20.
- Oman (2012). *The Final Findings of the Household Expenditure and Income Survey 2010–2011*. Muscat: National Center for Statistics and Information.
- Oshima, H.T. (1970). ‘Income Inequality and Economic Growth: The Postwar Experiences of Asian Countries’. *Malayan Economic Review*, 15(2): 13.
- Oshima, H.T. (1994). ‘The Impact of Technological Transformation on Historical Trends in Income Distribution of Asia and the West’. *Developing Economies*, 32(3): 237–55.
- Owosekun, A. and M. Otigba (1980). ‘The Nigerian Enterprises Promotion Decree: Impact on Indigenous Ownership’. In J.F. Rweyemamu (ed.), *Industrialization and Income Distribution in Africa*. Dakar: Codesria.
- Pakistan. *Economic Survey 1990–91*. Karachi: Government of Pakistan.
- Pakistan (various). *Household Income and Expenditure Survey*. Karachi: Government of Pakistan, Statistical Division.

- Pakistan (various). *Statistical Yearbook*. Islamabad: Pakistan Bureau of Statistics.
- Palau (2016). *2014 Household Income and Expenditure Survey*. Ngerulmud: Office of Planning & Statistics.
- Panama (1980). *Censos Nacionales de 1980: Octavo Censo de Poblacion; Cuarto Censo de Vivienda*, Vol. IV, *Caracteristicas Economicas*. Panama City: Direccion de Estadistica y Censo (DEC).
- Panuco-Laguette, H., and M. Szekely (1996). 'Income Distribution and Poverty in Mexico'. In V. Bulmer-Thomas (ed.), *The New Economic Model in Latin America and Its Impact on Income Distribution and Poverty*. New York: St. Martin's Press.
- Park, J. (1980). 'Data on the Distribution of Income in El Salvador'. Division Working Paper No.1980-7. Washington, DC: World Bank.
- Paukert, F. (1973). 'Income Distribution at Different Levels of Development: A Survey of Evidence'. *International Labour Review*, 108(2): 97-125.
- Pedersen, J., and K. Lockwood (2001). *Determination of a Poverty Line for Haiti*. Oslo: Fafo Institute of Applied International Studies.
- Perry, B. (2005). *Social Report Indicators for Low Incomes and Inequality: Update from the 2004 Household Economic Survey*. Wellington: Ministry of Social Development.
- Pesaran, M.H. (1976). 'Income Distribution in Iran: Income Distribution and Its Major Determinants in Iran'. In J.W. Jacqz (ed.), *Iran: Past, Present and Future*. New York: Aspen Institute for Humanistic Studies.
- Philippines (2004). *NSO-FIES website: Gini concentration ratios by region*. Available from: www.nscb.gov.ph/fies/fies-2000/default.asp
- Philippines (2006). *NSO – FIES website: Total Income, Total Expenditures and Total Saving of Families at Current Prices*. Available from: www.census.gov/ph/data/sectordata/2003/fie03fr12.htm
- Podder, N. (1972). 'Distribution of Household Income in Australia'. *Economic Record*, 48(122): 181-200.
- Podder, N., and S. Chatterjee (2002). 'Sharing the national cake in post reform New Zealand: Income inequality trends in terms of income sources'. *Journal of Public Economics*, 86(1): 1-27.
- Portugal (various). *Statistical Yearbook*. Lisbon: Instituto Nacional de Estatistica.
- Poupart, N., and E. Pilichowski (1997). *Republic of Gabon: Poverty in a Rent-Based Economy*. World Bank, Human Development, Group II, Africa Region. Washington, DC: World Bank.
- Pryor, F.L. (1990). *The Political Economy of Poverty, Equity, and Growth: Malawi and Madagascar*. Oxford: Oxford University Press for the World Bank.
- Psacharopoulos, G. et al. (1997). 'Poverty and Income Distribution in Latin America: The Story of the 1980s'. World Bank Technical Paper No.3. Washington, DC: The World Bank.
- Puerto Rico (2006). *Ingreso Monetario del Hogar: Puerto Rico 2004*. Estado Libre Asociado de Puerto Rico, Departamento del Trabajo y Recursos Humanos, Negociado de Estadisticas del Trabajo.
- Puerto Rico (various) *US Census of Population: Social and Economic Characteristics*. Puerto Rico: Bureau of the Census, Department of Commerce (USCPP).
- Qatar (various). *Household Expenditure and Income Survey*. Doha: Ministry of Development Planning and Statistics.
- Rao, V.V.B. (1989). 'Income Inequality and Poverty in East Asia: Trends and Implications'. *The Indian Economic Journal*, 37: 57-64.

- Rao, V.V.B. (1990). 'Income Distribution in Singapore: Trends and issues'. *Singapore Economic Review*, 35(1): 143–60.
- Rao, V.V.B., D.S. Banerjee, and P. Mukhopadhyaya (2003). 'Earnings Inequality in Singapore'. *Journal of the Asia Pacific Economy*, 8(2): 210–28.
- Rao, V.V.B. and M.K. Ramakrishnan (1980). *Income Inequality in Singapore: Impact of Economic Growth and Structural Change 1966–1975*. Singapore: Singapore University Press.
- Ravallion, M., and S. Chen (2007). 'China's (uneven) progress against poverty'. *Journal of Development Economics*, 82(1): 1–42.
- Reyes, A. (1988). 'Evolucion de la Distribucion del Ingreso en Colombia'. *Desarrollo y Sociedad*, (21/Marzo).
- Ringen, S. (1991). 'Households, Standard of Living, and Inequality'. *Review of Income and Wealth*, 37(1): 1–13.
- Rogers, S. (2004). 'Poverty measurement in a post-conflict scenario: evidence from the Sierra Leone Integrated Household Survey 2003/2004'. UN Statistics Division: Poverty Statistics. Regional Workshop on Poverty Statistics in the Economic Community of West African Region, Abuja, Nigeria, 26–30 July. Extracted 15 March 2005, available from: <<http://unstats.un.org/unsd/methods/poverty/AbujaWS-SierraLeone.pdf>>
- Russett, B.M. (1969). *World Handbook of Political and Social Indicators*. New Haven, CT: Yale University Press.
- Rutkowski, J.J. (1996). 'Changes in the Wage Structure during Economic Transition in Central and Eastern Europe'. World Bank Technical Paper No.340. Washington, DC: World Bank.
- SALISES - Sir Arthur Lewis Institute of Social and Economic Studies (2011). *Barbados Country Assessment of Living Conditions 2010: Overview Report*. Barbados: University of the West Indies.
- San Marino (various). *Survey on Consumption and Lifestyles of Families*. San Marino: Office of Economic Planning, Data Processing and Statistics.
- Santana, I., and M. Rathe (1993). 'The Distributive Impact of Fiscal Policy in the Dominican Republic'. In R. Hausmann and R. Rigobon (eds), *Government Spending and Income Distribution in Latin America*. Washington DC: World Bank.
- Saudi Arabia (various). *Household Expenditure and Income Survey*. Riyadh: Saudi General Authority for Statistics.
- Sauma Fiatt, P. (1990). *Evolucion Recitente de la Distribucion del Ingreso en Costa Rica, 1977–1986*. San José: Universidad de Costa Rica.
- Saunders, P. (2001). 'Household Income and Its Distribution', in Chapter 7 'Income and Welfare'. In *Year Book Australia 2001*. Canberra: Australian Bureau of Statistics.
- Saunders, P., H. Stott, and G. Hobbes G. (1991). 'Income Inequality in Australia and New Zealand: International Comparisons and Recent Trends'. *Review of Income and Wealth*, 37(1): 63–79.
- Sawyer, M., and M. Wasserman (1976). *Income Distribution in OECD Countries: Public Sector Budget Balances*. OECD Economic Outlook, Occasional Studies. Paris: Organisation for Economic Co-operation and Development.
- Schnitzer, M. (1974). *Income Distribution: A Comparative Study of the United States, Sweden, West Germany, East Germany, the United Kingdom, and Japan*. New York: Praeger.
- SEDLAC (CEDLAS and The World Bank) (various). *Socio-Economic Database for Latin America and the Caribbean (CEDLAS and The World Bank)*. CEDLAS Universidad Nacional de La Plata and The World Bank's LAC Poverty Group (LCSP) and MECOVI Program.

- Sen, A. and Himanshu (2004). 'Poverty and Inequality in India – I'. *Economic and Political Weekly*, 39(38): 4247–4263.
- Sen, A. and Himanshu (2004). 'Poverty and Inequality in India – II: Widening Disparities during 1990s'. *Economic and Political Weekly*, 39(39): 4361–75.
- Shaban, R.A., D. Abu-Ghaida, and A. Al-Naimat (2001). *Poverty Alleviation in Jordan: Lessons for the Future*. Washington, DC: The International Bank for Reconstruction and Development.
- Shaban, R.A. (1990). 'Economic Inequality in Jordan, 1973–1986'. In K. Abu Jaber, M. Buhbe, and M. Smadi (eds), *Income Distribution in Jordan*. Boulder: Westview Press.
- Shahar, H. B. and M. Sandberg (1967). 'Economic and Institutional Effects on Income Distribution: The Case of Israel'. *Public Finance*, 22(3): 244.
- Sharma, K. (2004). 'Growth Inequality and Poverty in Fiji Islands: Institutional Constraints and Issues'. USPEC Working Paper No.2004/10. Suva: University of the South Pacific, Department of Economics.
- Shirahase, S. (2001). 'Japanese Income Inequality by Household Types in Comparative Perspective'. LIS Working Paper No. 268. Syracuse: Luxembourg Income Study.
- Singapore (1993). *Report on the Household Expenditure Survey 1993*. Department of Statistics.
- Slovenia (2005). *Social Cohesion Indicators*. Ljubljana Statistical Office of Slovenia.
- Smeeding, T.M., and P. Gottschalk (1995). 'The International Evidence on Income Distribution in Modern Economies: Where Do We Stand?'. LIS Working Paper No.137. Luxembourg: Luxembourg Income Study.
- Societe d'appui a la gestion economique S.A.G.E. (1994). *Un profil de pauvreté en Republique Centrafricaine: en 1992*. Cour-Cheverny: Societe d'Etudes et de Conseils.
- Sollogoub, M. (1988). 'L'inegalite des revenus primaires en France de 1962 a 1979'. *Revue economique*, 39(3): 545–572.
- Sousa, M.A. (2002). 'Angola'. Country paper prepared for conference on *Poverty Reduction Strategy in Africa – A new imposed conditionality or a chance for a meaningful development policy?*, 17–18 June, Lusaka.
- South Africa (2004). *Income and Expenditure Survey (IES)*. Central Statistical Office of South Africa.
- Sowapark, P. (2019). 'Economic Inequality in Thailand', *Politika, ekonomika i innovacii*, 26(3).
- Spain (various). *Statistical Yearbook*. Madrid: Spanish Statistical Office
- Spånt, R. (1980). 'The Distribution of Income in Sweden, 1920–76'. In N.A. Klevmarken and J.A. Lybeck (eds), *The Statics and Dynamics of Income*. Clevedon: Tieto Limited.
- Sri Lanka (1983). *Report on Consumer Finances and Socio Economic Survey 1978/79 Sri Lanka: Part I + Part II: Statistical Tables*. Colombo: Central Bank of Ceylon, Statistics Department.
- Sri Lanka (1984). *Report on Consumer Finances and Socio Economic Survey 1981/82 Sri Lanka: Part I + Part II: Statistical Tables*. Colombo: Central Bank of Ceylon, Statistics Department.
- Sri Lanka (various). *Household Income and Expenditure Survey (HIES)*. Colombo: Department of Census and Statistics.
- Straw, K.H. (1953). 'Some Preliminary Results of a Survey of Income and Consumption Patterns in a Sample of Households in Barbados'. *Social and Economic Studies*, 1(4): 5–40.
- Suriname (various). *Household Budget Survey*. Paramaribo: Government of Suriname.
- Swamy, S. (1967). 'Structural Changes and the Distribution of Income by Size: The Case of India'. *Review of Income and Wealth*, 13: 155–174.

- Sweden (1998). *Income Distribution Survey in 1996* = *Inkomstfördelningsundersökningen 1996*. Örebro: Statistics Sweden.
- Sweden (2004). *Income Distribution Survey 2002* = *Inkomstfördelningsundersökningen 2002*. Stockholm: Statistics Sweden.
- Sweden (2005). *Income Distribution Survey 2003* = *Inkomstfördelningsundersökningen 2003*. Stockholm: Statistics Sweden.
- Sweden (various). *Sweden Statistical Abstract of Sweden*. Stockholm: Sveriges Office Statistik.
- Switzerland. *Statistical Yearbook 1999*. Switzerland CSO.
- Sze, O.W. (2002). *Income Distribution and Inequality Measures in Singapore*. Hong Kong: Hong Kong University of Science and Technology.
- Szekely, M. (2001). 'The 1990s in Latin America: Another Decade of Persistent Inequality, but with Somewhat Lower Poverty'. Working Paper No.454. Washington, DC: Inter-American Development Bank.
- Szekely, M. (2003). 'The 1990s in Latin America: Another Decade of Persistent Inequality, but with Somewhat Lower Poverty'. *Journal of Applied Economics*, 6(2): 317–39.
- Szekely, M., and M. Hilgert (2002). 'Inequality in Latin America during the 1990s'. In R.B. Freeman (ed.), *Inequality Around the World*. Basingstoke: Palgrave Macmillan.
- Taiwan (various). *Survey of Personal Income Distribution*. Taipei: Taiwan Directorate General of Budget, Accounting and Statistics.
- Taiwan (various). *Survey of Family Income & Expenditure*. Taipei: Taiwan Directorate General of Budget, Accounting and Statistics.
- Tanzania (2002). *Household Budget Survey 2000/01: Key Findings*. Dar es Salaam: National Bureau of Statistics Tanzania.
- Thailand (various). *Socio-Economic Survey*. Bangkok: National Statistical Office.
- Thomas, M., and E. Wint (2002). 'Inequality and Poverty in the Eastern Caribbean' Paper prepared for *ECCB Seventh Annual Development Conference*, Basseterre, 22–23 November.
- Chotikapanich, D., D.S.P. Rao, and K.K. Tang (2005). 'Estimating Income Inequality in China Using Grouped Data and the Generalized Beta Distribution'. Paper prepared for *UNU-WIDER Conference on Inequality*, Beijing, 23–24 April.
- Trinidad and Tobago. *Household Budgetary Survey, Income and Expenditure Patterns' Central Budgetary Survey: Report No. 1: Continuous Sample Survey of Population Publication, #22, 1981/82*. Central Statistical Office.
- Tunisia (1993). *Enquete Nationale sur le Budget et la Consommation des Menages-1990*, Vol. A. Tunisia: Institut National de la Statistique (INS).
- Turkey (1993). *Statistical Yearbook of Turkey 1993*. Ankara: State Institute of Statistics
- Turkey (1994). *Household Income Distribution Survey 1994*. Ankara: Turkish Statistical Institute.
- Turkey (various). *Household Income and Expenditure Survey*. Ankara: Turkish Statistical Institute.
- Turkey (various). *Income and Living Conditions Survey*. Ankara: Turkish Statistical Institute.
- UNDP - United Nations Development Programme (2011). 'Poverty and Inequality in Syria (1997–2007)'. Arab Development Challenges Report, Background Paper 2011/15. United Nations.
- UNECE - United Nations Economic Commission for Europe (1967). *Incomes in Postwar Europe: A Study of Policies, Growth and Distribution*. Economic Survey of Europe in 1965; Part 2. Geneva: United Nations.

- UNECLAC - United Nations Economic Commission for Latin America and the Caribbean (1969a). *Economic Development and Income Distribution in Argentina*. New York: United Nations.
- UNECLAC - United Nations Economic Commission for Latin America and the Caribbean (1969b). *Second United Nations Development Decade: Agricultural Development in Latin America*. E/CN.12/829. New York: United Nations.
- UNECLAC - United Nations Economic Commission for Latin America and the Caribbean (1970a). *Economic Survey of Latin America 1968*. New York: United Nations.
- UNECLAC - United Nations Economic Commission for Latin America and the Caribbean (1970b). *Economic Survey of Latin America 1969*. New York: United Nations.
- UNECLAC - United Nations Economic Commission for Latin America and the Caribbean (1974). *Tabulados de Trabajo, Colombia: Proyecto sobre Medion y Analisis de la Distribucion del Ingreso en Paises de America Latina*. E/CEPAL/L.115/2. New York: United Nations.
- UNECLAC - United Nations Economic Commission for Latin America and the Caribbean (2008). *The Escalation in World Food Prices and its Implications for the Caribbean*. New York: United Nations.
- UNECLAC - United Nations Economic Commission for Latin America and the Caribbean (2019). *CEPALSTAT / Databases and Statistical Publications*. United Nations.
- UNESCWA - United Nations Economic and Social Commission for Western Asia (2018). 'Inequality, Autonomy and Change in the Arab Region'. Social Development Report 2. Beirut: United Nations.
- UNICEF - United Nations Children's Fund (various). Transformative Monitoring for Enhanced Equity (TransMonEE) - *Database of socio-economic indicators for CEE/CIS/Baltics*. Florence: UNICEF International Child Development Centre.
- United Nations (1951). 'National Income and Its Distribution in Under-Developed Countries'. Statistical Papers, Series E, No.3. New York: United Nations, Statistical Office of the United Nations.
- United Nations (1957). *Economic Survey of Europe in 1956: Including Studies of European Transport Problems and Income Distribution in Western Europe*. Geneva: United Nations Department of Economic and Social Affairs.
- United Nations (1972). *Economic Survey of Asia and the Far East 1971*. Bangkok: United Nations.
- United Nations (1981). 'A Survey of National Sources of Income Distribution Statistics'. Statistical Papers, Series M, No.72. New York: United Nations.
- United Nations (1985). 'National Accounts Statistics: Compendium of Income Distribution Statistics'. Statistical Papers, Series M, No.79. New York: United Nations.
- United Nations (2019). Composition of macro geographical (continental) regions, geographical sub-regions, and selected economic and other groupings. Available from: <http://unstats.un.org/unsd/methods/m49/m49regin.htm>
- United States (various). *Current Population Survey*. Washington DC: U.S. Census Bureau.
- Uusitalo, H. (1989). *Income Distribution in Finland*. Helsinki: Central Statistical Office of Finland.
- Uusitalo, H. (1994). 'Changes in Income Distribution during a Deep Recession'. Mimeo.
- Valentine, T.R. (1993). 'Drought, Transfer Entitlements, and Income Distribution: The Botswana Experience'. *World Development*, 21(1): 109–26.
- van Ginneken, W. (1982). 'Generating Internationally Comparable Income Distribution Data: Evidence from the Federal Republic of Germany (1974), Mexico (1968) and the United Kingdom (1979)'. *Review of Income and Wealth*, 28(4): 365–79.

- van Ginneken, W., and J. Park (eds) (1984). *Genereting Internationally Comparable Income Distribution Estimates*. Geneva: International Labour Office.
- Vecernik, J. (1995). 'Incomes in East-Central Europe: Distributions, Patterns and Perceptions'. LIS Working Paper No.129. Luxembourg: Luxembourg Income Study.
- Wada, R.O. (1975). 'Impact of Economic Growth on the Size Distribution of Income: The Postwar Experience of Japan'. In, *Income Distribution Employment and Economic Development in Southeast and East Asia*, Vol. II. Tokyo: The Japan Economic Research Center.
- Ward, M. (1971). *The Role of Investment in the Development of Fiji*. Cambridge: Cambridge University Press.
- Webb, R. (1972). 'The Distribution of Income in Peru'. Discussion Paper No.26. Princeton, NJ: Princeton University, Woodrow Wilson School Research Program in Economic Development.
- Whiteford, A. and D. van Seventer (2000). 'Understanding Contemporary Household Inequality in South Africa'. *Studies in Economics and Econometrics*, 24(3):7–30.
- Wiedemann, P. (1984). 'Economic Fluctuations and Income Distribution: A Comparative Study'. *The ACES Bulletin*, 26(1): 59–76.
- World Bank (1994a). *Colombia: Poverty Assessment Report*. Vol.1 Main Report, Vol.2 Annexes. Report No.12673-CO. Washington DC: World Bank.
- World Bank (1994b). *Hashemite Kingdom of Jordan: Poverty Assessment*. Vol.1 Main Report, Vol.2: Labor Market. Report No.12675-JO. Washington, DC: World Bank.
- World Bank (1994c). *Honduras: Country Economic Memorandum: Poverty Assessment*. Report No.13317-HO. Washington, DC: World Bank.
- World Bank (1994d). *Kingdom of Morocco: Poverty, Adjustment, & Growth*. Vol.1 Main Report, Vol. 2 Annexes. Report No.11918-MOR. Washington, DC: World Bank.
- World Bank (1995a). *Cameroon: Diversity, Growth, and Poverty Reduction*. Report No.3167-CM. Washington, DC: World Bank.
- World Bank (1995b). *The Dominican Republic: Growth with Equity: An Agenda for Reform*. Report No.13619-DO. Washington, DC: World Bank.
- World Bank (1995c). *Mauritius: Country Economic Memorandum: Sharpening the Competitive Edge*. Report No.13215-MAS. Washington, DC: World Bank.
- World Bank (1995d). *Uganda: The Challenge of Growth and Poverty Reduction*. Report No.14313-UG. Washington DC: World Bank.
- World Bank (1999). *World Development Report 1998/99: Knowledge for Development*. Oxford: Oxford University Press for the World Bank.
- World Bank (2000a) *Making Transition Work for Everyone: Poverty and Inequality in Europe and Central Asia*. Washington, DC: The World Bank.
- World Bank (2000b). *Poverty During the Transition: HEIDE Database*. Washington, DC: World Bank.
- World Bank (2000c). *Turkey: Economic Reforms, Living Standards and Social Welfare Study*. Report No.20029-TU. Washington, DC: World Bank.
- World Bank (2002a). *Pakistan Poverty Assessment: Poverty in Pakistan: Vulnerabilities, Social Gaps, and Rural Dynamics*. Report No.24296-PAK. Washington DC: World Bank.
- World Bank (2002b). *World Bank Poverty Monitoring Database*. Washington, DC: World Bank. Datasheet 2002.
- World Bank (2003). *Socio-Economic Survey 2002: Somalia*. Report No.1, Somalia Watching Brief. Nairobi: World Bank-UNDP Somalia Country Office.

- World Bank (2005). *A Database on Poverty and Growth in India*. Washington, DC: World Bank.
- World Bank (2019a) *World Bank list of economies* (July 2019). Available from <https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups>
- World Bank (2019b). *Official exchange rate (LCU per US\$, period average)* database. Available from <http://data.worldbank.org/indicator/PA.NUS.FCRF>
- World Bank (2019c). *World Bank PovcalNet* database. Available from <http://iresearch.worldbank.org/PovcalNet/data.aspx>
- Xia, Q. et al. (2017). 'Urban Consumption Inequality in China, 1995–2013'. IZA Institute of Labor Economics Discussion Paper 11150. Bonn: IZA – Institute of Labor Economics.
- Yemtsov, R. (2001). *Inequality and Income Distribution in Georgia*. IZA Discussion Paper Series No.252. Bonn: Institute for the Study of Labor (IZA).
- Ying, W.Y. (1995). *Income Poverty, and Inequality in China during the Transition*. Washington, DC: World Bank.
- Zhang, P. (nd) 'Income Distribution in China's Transitional Periods'. Mimeo. Beijing: Institute of World Economics and Politics Chinese Academy of Social Sciences, CASS.

References

- Atkinson, A.B., and F. Bourguignon (2000). 'Introduction: Income Distribution and Economics'. In A.B. Atkinson and F. Bourguignon (eds), *Handbook of Income Distribution*, Vol.1. Amsterdam: Elsevier.
- Atkinson, A.B., and A. Brandolini (2001). 'Promise and Pitfalls in the Use of "Secondary" Data-Sets: Income Inequality in OECD Countries as a Case Study'. *Journal of Economic Literature*, 39(3): 771–99.
- Atkinson, A.B., and A. Brandolini (2009). 'On data: a case study of the evolution of income inequality across time and across countries'. *Cambridge Journal of Economics*, 33(3): 381–404.
- Badgaiyan, N., J. Pirttilä, and F. Tarp (2015). 'Response to Professor Stephen Jenkins' comments on the World Income Inequality Database, WIID. *Journal of Economics Inequality*, 13(4): 679–82.
- Deaton, A., and S. Zaidi (2002). 'Guidelines for Constructing Consumption Aggregates for Welfare Analysis'. LSMS Working Paper No.135. Washington, DC: World Bank.
- Canberra Group (2001). *Final Report and Recommendations*. Ottawa: Expert Group on Household Income Statistics, The Canberra Group.
- Gradín, C. (2021). 'WIID Companion (March 2021): Global Income Distribution'. WIDER Technical Note 2021/6. Helsinki: UNU-WIDER. <https://doi.org/10.35188/UNU-WIDER/WTN/2021-6>
- Jenkins, S. (2015). 'World Income Equality Databases: An Assessment of WIID and SWIID'. *Journal of Economic Inequality*, 13(4): 629–71).
- Pyatt, G. (2003). 'Development and the Distribution of Living Standards: A Critique of the Evolving Data Base'. *Review of Income and Wealth*, 49(3): 333–58.
- Szekely, M., and M. Hilger (1999). 'What's Behind the Inequality We Measure: An Investigation Using Latin American Data'. Working Paper No.409. Washington, DC: Inter-American Development Bank.