

Towards Reproducible Research

David McKenzie, *World Bank*

I'm part of the problem



Tue 3/1/2016 12:14 PM

David McKenzie

RE: age-period-cohort analysis

To 'Ninja Ritter Klejnstrup'

Thanks for your interest in the paper. Unfortunately I don't have any Stata files to carry this out – I wrote the paper 15 years ago, and at that time was using Gauss to program. I now use Stata almost exclusively, but haven't had to revisit the paper.

David

From: N [REDACTED]

Sent: Tuesday, March 01, 2016 10:11 AM

To: David McKenzie <dmckenzie@worldbank.org>

Subject: age-period-cohort analysis




Dear David McKenzie

Together with colleagues at the University of [REDACTED], I am hoping to estimate a model where age, period and cohort effects all apply. In this context, we have read your excellent paper on the subject of "Disentangling Age, Cohort and Time Effects in the Additive Model".

We intend to apply your suggested approach to identifying the second derivatives of the variables and subsequently testing hypothesis about the shape of their profiles. Before embarking on coding this all in Stata we wanted to ask you, if you have already written code to this end, for example in connection with writing the article. And in that case, if you would be willing to share this? We will of course both be very grateful and reference you!

Thank you in advance for your attention.

Best regards

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Wed 9/16/2015 2:21 PM

David McKenzie

RE: measuring **Inequality** with **asset** Indicators

To 'Ali [REDACTED]

Unfortunately as I wrote this paper more than 12 years ago, I no longer have the files used to create it. However, this is very easy to do in Stata.

Suppose you have data on **asset** indicator variables $x_1 x_2 x_3 x_4 x_5 x_6$

Then first create a principal component

```
pca x1 x2 x3 x4 x5 x6
```

and then create a variable y that is the first principal component

```
predict y
```

Then you just want to create my measure. Suppose the data are in groups, where the variable `groupnumber` denotes what group they are.

Then estimate the standard deviation of the principal component within the group

```
egen sdgroup=sd(y), by(groupnumber)
```

and the standard deviation of it for the full sample

```
egen sdtotal=sd(y)
```

Then create the **inequality** measure as this ratio

```
gen inequality=sdgroup/sdtotal
```

From: Ali [REDACTED]

Sent: Wednesday, September 16, 2015 11:58 AM

To: David McKenzie

Subject: measuring **Inequality** with **asset** Indicators

Dear Professor McKenzie

I am a PhD student in Economics and studying about **Inequality**. I read your paper whose title is "measuring **Inequality** with **asset** Indicators" and I want to use your method; but, I didn't understand well how to calculate **inequality**. Could you please give me your Stata codes?

Best Regards

Taking steps towards being better

David McKenzie

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Making for better email responses

 Reply  Reply All  Forward



Thu 12/17/2015 12:56 PM

David McKenzie

RE: RSE-based dissertation

To 'A [REDACTED]

The **data** and questionnaires are all available in the World Bank's **open data library**, and are linked through the **data** and surveys part of my website. My website also has different papers on the RSE that will hopefully be of use.

David

-----Original Message-----

From: A [REDACTED]
Sent: Wednesday, December 16, 2015 5:17 PM
To: David McKenzie
Subject: RSE-based dissertation

Dear Dr. McKenzie

I am currently a third year economist at [REDACTED], University of [REDACTED]. I am in the process of writing my dissertation, which I have chosen to base upon New Zealand's RSE program having found the paper authored by yourself and John Gibson to be extremely interesting.

I have a number of questions, both **data**-based and wider, which I was hoping to ask you. If you are able to address these questions I would be extremely grateful- if so please reply to this email address.



Mon 2/8/2016 4:03 PM

David McKenzie

RE: RSE-based dissertation

To 'A' [REDACTED]

The replication do files have code for creating these

-----Original Message-----

From: A. [REDACTED]

Sent: Monday, February 08, 2016 3:58 PM

To: David McKenzie <dmckenzie@worldbank.org>

Subject: RE: RSE-based dissertation

Dear Dr McKenzie

I am extremely grateful to the help you have provided so far.

I seem unable to find the different propensity scores of each household.
Are these included in the replication **data** files, and if so under what name?

Best regards

A [REDACTED]

Making Funders happier (and helping to get more funding)

- In response for my request for DFID to fund another survey round:

David,

I'm keen- particularly if we can add some questions on the impact of contemporary issues such as forex restrictions, access to imports and try and look at impact of this on businesses, but a couple of reflections. Perhaps between the Bank and DFID we could bounce around some additional questions to reflect the change in the economic and policy

1. Is the data set from the other surveys publically available for other researchers? (apologies if I've asked this before, and I'd imagine world bank have a standard practice on this, but it's one of the conditions that DFID has to fund this type of work), And would this new data set also be publically available and accessible for other researchers? Grateful if you could share the link to the existing data set.

Hi [REDACTED]

Thanks, this is excellent news.

The existing data set (and replication files) are all available in the World Bank's Open data website, and also linked to through my researcher website:

<http://microdata.worldbank.org/index.php/catalog/2329>

I put these all out in August 2015, once I had the working paper together and the data cleaned up. I also commit to putting the new round of data out as per World Bank standard practice.

But also...

Unable to Replicate

This page includes a list, with additional information, on all studies that were awarded replications but that could not be completed due to an inability to obtain the necessary data and/or code to conduct the replication research.



[Can Government-allocated Land Contribute to Food Security? Intrahousehold Analysis of West Bengal's Microplot Allocation Program](#)

Replication Researcher: Benjamin DK Wood (with Maria Luisa Vasquez)

Original Paper Title: [Can Government-allocated Land Contribute to Food Security? Intrahousehold Analysis of West Bengal's Microplot Allocation Program](#)

Original Researchers: Florence Santos, Diana Fletschner, Vivien Savath and Amber Peterman

Original Publication: *World Development*

Replication Plan: Not Applicable

Current Status: Unable to Replicate

[Effect of Reduction in Household Air Pollution on Childhood Pneumonia in Guatemala \(RESPIRE\): A Randomised Controlled Trial](#)

Replication Researcher: Jan Hattendorf

Original Paper Title: [Effect of Reduction in Household Air Pollution on Childhood Pneumonia in Guatemala \(RESPIRE\): A Randomised Controlled Trial](#)

Original Researchers: Kirk R. Smith, John P. McCracken, Martin W. Weber, Alan Hubbard, Alisa Jenny, Lisa M. Thompson, John Balmes, Anaité Díaz, Byron Arana and Nigel Bruce

Original Publication: *Lancet*

Replication Plan: Not Applicable

Current Status: Unable to Replicate

[Male Circumcision for HIV Prevention in Men in Rakai, Uganda: a Randomised Trial](#)

Replication Researcher: Eric Djimeu

Original Paper Title: [Male Circumcision for HIV Prevention in Men in Rakai, Uganda: a Randomised Trial](#)

Original Researchers: Ronald H. Gray, Godfrey Kigozi, David Servadda, Frederick Makumbi, Stephen Watya, Fred Nalugoda, Noah Kiwanuka, Lawrence H. Moulton, Mohammad A. Chaudhary, Michael Z. Chen, Nelson K. Sewankambo, Fred Wabwire-Mangen, Melanie C. Bacon, Carolyn F.M. Williams, Pius Opendi, Steven J. Reynolds, Oliver Laeyendecker, Thomas C. Quinn and Maria J. Wawer

Original Publication: *Lancet*

Replication Plan: Not Applicable

Current Status: Unable to Replicate