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FEATURED VIDEOS

Asked 8th Aug, 2013

Eszter Rekasi

Central European University

the impact of higher education on economic growth? ecially interested in empirical results, possibly quantitative research. Numerous articles discuss the connection between the finance and governance of higher education and a country's economic growth ECD Higher Education at a Glance, researches at Bruegel by Aghion et al., Jacobs & Ploeg), but just hese can justify the direction and the scale of causation.

the effect of extra higher education public spending on economic growth? Controlling for other oment indicators, how does the proportion of higher edu. degree population affect growth? How can we e the indirect effect of higher education on economic development (i.e. "production" of intellectuals, oment of political culture, innovation as positive externalities)?

Education Economic Growth **Economic Development** Economic Policy Analysis Economics of Education Share ∨

Similar questions and discussions

What are the differences between conceptual framework and theoretica framework?

have to use both the frameworks in my

regards

THOMAS H.W. Ziesemer

Maastricht University

answer

with Vinicius on the fundamental relevance of primary and secondary schooling for society, but also as idition to get tertiary edu. When we go to recent growth regressions emphasis has shifted to tertiary on as emphasized by Bushra. My empirical knowledge is in two papers: ww.merit.unu.edu/publications/wppdf/2016/wp2016-044.pdf

ww.merit.unu.edu/publications/wppdf/2011/wp2011-053.pdf

ng on the macro level comes out of growth, additional income, or from savings, indicating capital market ctions. Education inequality also plays a role beyond tertiary education. Beyond my papers, it seems s that R&D without higher education can neither be done nor get diffused.

(33)

Geraint Johnes

Lancaster University

8th Aug, 2013

10th Oct, 2016

ed only last week...

www.gov.uk/government/uploads/system/uploads/attachment_data/file/229492/bis-13-858-relationshipn-graduates-and-economic-growth-across-countries.pdf

mmendations

Louis Augustin-jean

The Hong Kong Polytechnic University

8th Aug, 2013

not a topic I specifically studied, so I will only include a short comment. I would say it depends on the "development" of the country. Investment in tertiary education are probably more "profitable" in OECD es than in developing ones. If the structure of the economy is relatively weak, it may not be able to graduates, which may lead to immigration of qualified people. Again, I did not research on that, but the e of the Philippines come to my mind. This is why international agencies and NGOs try to stimulate the ment of primary education, which brings positive returns more quickly. That does not directly answer estion, but hopefully it helps.

mmendation

Craig Holmes University of Oxford

8th Aug, 2013

ly wrote a paper on this topic, which is here: http://ner.sagepub.com/content/224/1/R29.abstract. If you nave access to this, I would be happy to email you an earlier version which should be Open Access

If one variable is stationary at level by another is stationary at first differenc

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Question 232 answers

Asked 1st Jan, 2015

Pasand Ali Khoso

I am a PhD student of medical sociology research project. Your valuable and eas understand answers will help me a lot in research design.

View

What is meant by Common Method B How do we test and control it?

Question 41 answers

Asked 6th Jun, 2016

Muhammad Shehryar

I have recently received the following comments on my manuscript by a review could not comprehend it properly. I am a the concept of Common Method Bias.

"Recent editorial work has stressed the potential problem of common method bi which describes the measurement error compounded by the sociability of respor who want to provide positive answers (C v. Witteloostuijn and Eden, 2010). The p study collected data on both the indeper and dependent variables from the same respondents at one point in time, thus ra potential common method variance as fa internal consistency might be present in data. The authors however, failed to tell reader how they countered common me bias."

argued here that cross-country differences in growth rates since the 1960s show no correlation with ne initial level of higher education attainment (as would be predicted by some endogenous growth) or the increase in attainment (which would be a prediction of the neoclassical growth model). Other ss, such as primary and secondary education and capital investment are strongly correlated with growth echnical skills (measured at the end of compulsory schooling) are an even better predictor that the / of primary and secondary education. The size of the research sector may also have a role, although a is tricky. I haven't looked at expenditure, although this would be a useful addition.

f this is to say that higher education can't affect growth, but its effect is likely to be too nuanced, and be lent on numerous other (hard-to-measure) factors in each country. The Aghion paper exploits state ces in the US, and can higher quality data than is possible across countries. It shows a mechanism by ligher education can affect economic growth - innovation, captured by patents. Having an economy ias the infrastructure for such a mechanism to be successful would be an example of one of those hardsure conditions necessary for higher education to lead to growth.

onclude in this paper cross-country studies are fraught with all sorts of data problems, and can be highly e to variable choice, country choice and time period choice.

mmendations

Amitabh Shukla

Global Institute of Management & Technology

8th Aug, 2013

ly, there is a high degree correlation between higher education and higher economic growth. Empirical establishes this relationship.

enditure on higher education create an environment which makes a positive environment towards size & of population, birth rate, health, work culture and consequently more meaningful use of resources and ely on production, income generation, per capita income and leads the economic growth.

t we can test these by using correlation, regression techniques etc.!!

Goodhope Maponya

Council for Scientific and Industrial Research, South Africa

8th Aug, 2013

learly exists a relationship between economic growth and higher education. However, you will have a ge in quantifying it. Most countries quantify economic growth in terms of GDP growth, with sectors such ng, manufacturing, and retail being the biggest contributors. The way I see it is that higher education s people with better skills to run jobs in each of the sectors and to increase productivity. But if I :ood your question clearly, what you need to determine and possibly quantify is the extent to which education, if treated as a sector, contributes to economic growth. On the other hand, if higher education be treated as a business, then you could easily just visit any institution of higher learning and just ; their financial reports. But I doubt if that's what you want to achieve. I therefore suppose what you are ed in is to see how much growth the economy will experience over time if say it produces more Masters employees (regardless of the job/ business sectors). Perhaps you could begin by looking at ONLY ional jobs, say 'Researchers', and then make an assumption that says "highly qualified people are more be employed in high-paying jobs". If this statement holds true, then the second assumption (or rather ould then be that "high income earners contribute more TAX as opposed to their low income parts". Then you would have to look at your country's employment profile - what are the proportions of ment within different job categories, what salary scales most people are placed in, what non-growth (such as subsidies, unemployment insurance fund, medical health fund for the poor, etc.) are paid ı your country's tax system. You should then be able to make a relationship between higher education pnomic growth. For example, you could have findings like "if a state employed xx amounts of PhD hers, its growth could/would increase by yy factor". But then growth is closely related to productivity/ ment. Using the same example of Researchers, you could the look at how much innovation or solutions eloped by researchers at different career ladders. Most institutions grade their Researchers from junior researchers. Across the spectrum, you would want to see where innovation lies and what impact it has conomy. Obviously your study is very complex - you need to just focus on a few measurable items

mmendations

Vinicius Pedrazzi

University of São Paulo

8th Aug, 2013

zter, good morning and thank you so much for posting this question. I think we should have a dichotomy n the rich countries and the developing ones. For the rich nations with high human development index, education lever or at least maintains the intellectual growth, technological and even social one. nately, in developing countries (I say, excuse me, for my beloved country, Brazil), where there are huge that separate the very rich minority of the majority poor and uneducated, enslaved by stock welfare, I r convinced that the primary and secondary education are fundamentally more important for the on of a solid nation, strong, self-sufficient and independent of "vote buying" on the part of politicians, not want a nation closely informed and able to criticize and also self criticize to do more and better i. It is my humble opinion and contribution. Unfortunately I wish it could be different, very different, and I pest to make it happen. Sincerely, Vinicius Pedrazzi.

mmendations

Syed Imran Ali Meerza

University of Nebraska at Lincoln

8th Aug, 2013

which model should be used?

Question

33 answers

Asked 1st Jan, 2015

Uiiwal Kumar Das

When my dependent variable is stational level but independent variable is nonstationary at level (but stationary at first difference) which model should be used

View

Is a Likert-type scale ordinal or interv data?

Question

151 answers

Asked 6th Jun, 2014

Reginald L. Bell

I've heard arguments that a Likert-type s ordinal data. I've heard arguments that t type of data is interval data. Some belie quasi-ordinal-interval data. Which exact

View

Preprints of manuscripts

Discussion

2 replies

Asked 4th Apr, 2019

Anwar Khitab

Is it better idea to put papers on Preprin before publication?

Scopus indexed list of 2019

Discussion

86 replies

Asked 1st Jan, 2019

Ali Al-Samydai

Could you please help me to know, whe Scopus indexed list (2019) update appe website?!

Can anyone explain the difference be Sustainable Development Goals and Millenium Development goals?

Question

8 answers

Asked 2nd Feb, 2018

🔊 Ajit kumar Roy

It will be interesing to have feedback.

How we can make academic research useful to the society?

Question 45 answers

Asked 9th Sep, 2017

Iqbal Thonse Hawaldar

Many people feels that majority of the

academic researches are not useful to t society. Most of the time publications an to get academic promotion. How we ca academic research useful to the society

Best practices for survey question at gender?

Question 8 answers

Asked 6th Jun, 2017

Bonnie O Richard

we can use long-run time series of expenses of higher education and economic growth of a country. e can use time series analyses such as cointergation, error correction model and Granger causality test determine short-run and long-run relationship between these two variables. By Granger causality test we ntify whether expenditure of higher education Granger cause economic growth.

Pius STEPHEN Chaya

Institute of Rural Development Planning

8th Aug, 2013

nds on the type of type of education as well as the level of education of the worker, on the other hand, it is on the type of skills that are generated from schooling. Even though the human capital theory tes that a worker with more level of education, has therefore a good chance to be more productive, yet ch between skills and job as well as education and job can distort the contribution of educated worker nomic growth. Thus, contribution of education to economic development is yet linked to healthy labour Workers with goods skills are likely to contribute significantly to economic growth through production vice delivery. I reserve to say that not all educated people have significant effect on economic growth. ch between education and job as well as skills and job are some of labour market distortions. Thus, the ty between education and economic growth remains a paradox.

mmendations

Zachary Tambudzai

8th Aug, 2013

Midlands State University

pact of higher education depends other non-economic environmental factors. A stable socio-economic ment would help the human capital created via higher education to contribute positively to the ion of more quality products. Empirical findings on the causality between the two variables would on socio-political as well as geostrategic control factors.

mmendation

Aklilu Nigussie

Ethiopian Institute of Agricultural Research

8th Aug, 2013

significant impact yet if it is followed by innovation its contribution will accelerate

Eszter Rekasi

Central European University

8th Aug, 2013

alázs and Geraint!

you for suggesting your papers. I found both connecting exactly to the core of what I'm looking for.

I only found a general summary paper on the topic at your RG page. Is your case study on Szeged also le somewhere?

mmendations

Eszter Rekasi

Central European University

8th Aug, 2013

raig,

for your reply. I would like to read the whole paper if you were so kind to e-mail it to me (rekasi.gigi [at] om) as it is not available through my uni's databases.

you in advance.

e paper by Krueger & Lindahl draws a similar conclusion. Anyone interested can find it here:

ww.unibg.it/dati/corsi/91015/49249-JEL%202000_kruegerlindahl.pdf

r, A. B. – Lindahl, M. (2001): Education for Growth: Why and for Whom? Journal of Economic Literature, December, pp. 1101-1136

mmendations

Craig Holmes
University of Oxford

8th Aug, 2013

- I have uploaded a version of the paper to my profile. I'm interested in the diverging conclusion in my ind the UK BIS study linked above, but I haven't had chance to think about this yet. I'd be interested in ou thought about this.

mmendation

Eszter Rekasi

8th Aug, 2013

Central European University

s: I think you're totally right about the higher return rates of primarily and secondary education than that er edu., especially for less developed countries. E.g. data published in OECD's 'Education at a Glance' strongly support your point.

other hand, in case of Hungary for instance, here the return rates to investment in higher education are gh - suggesting that there is still excessed demand for graduates. (This is due to the inheritence of

https://www.researchgate.net/post/What_is_the_impact_of_higher_education_on_economic_growth

I'm looking for best options for asking th gender question in a survey. The survey of a training evaluation, which is not specifically related to

gender/sex/orientation/etc. issues. BAsi its just one of a series of brief demograp questions to ensure we've captured thos variables in our evaluation. When I sear options, I am mainly coming across resethat is concerned with analysing impacts related to sexual or gender minority populations. Our purpose is just to make we are being inclusive by not simply ash the question in the binary way, which is limiting. Any insight you can provide wor much appreciated!

View

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im when higher educ. was only available for a few and thus the increased demand for skilled labour insition could still not have been satisfied.) Also employment and unemployment rates are for graduate the most favourable.

: ...In Hungary there is no crowding-ouft effect either at the expense of less educated labourers (as ed by the empirical analysis of Hermann & Varga 2013:

<u>oa.oszk.hu/00000/00017/00193/pdf/EPA00017 Kozgazdasagi szemle 2012 07-</u>

<u>620Hermann%20Varga.pdf</u>, in Hungarian, but data might be understandable for all). This result cannot nded for other countries, of course.

sius: For direct economic purposes, I agree with you that primary and secondary education are more ental. It might be just partly true, however, for the fight against 'vote buying' and lacking political culture. nowledged by much education related literature that higher education plays a key role in the creating of tual resistance and the standing up against repressive and corrupt leadership. Although empirically I ust partly justify it...

ring the '80ies intellectuals became stronger and more active against the Socialist/ Soviet leadership vas just a small intellectual part of the society who really 'made transition' in 1989/1990. However, what I ay that there is widespread dissatisfaction against the actual government and its business connections intellectuals, but it has hardly any effect on the preferences of the majority of Hungarian society.

transition countries of Central Europe are somewhere at the margin of developed and developing in respect of labour market supply. That's why their experience might be relevant for some developing so. As far as I know, even Brazil 'imports' some more educated human capital from abroad, but Vinícius int must know more about this. (See Geraint's publication on Brasilian education and labour market es.) Btw, I'd be interested in your personal views.

mmendations

THOMAS H.W. Ziesemer

Maastricht University

9th Sep, 2013

hat tertiary school enrolments as 5-year changes with five-year lags have a positive effect on economic in my paper 'What changes Gini coefficients of education'

mmendation

THOMAS H.W. Ziesemer

Maastricht University

9th Sep, 2013

mments. Countries succesfully catching up have used world demand. First Japan, then Korea, ng, Taiwan, Singapore, now many others. Keeping growth high under approximately constant returns to n the macro level requires that all factors keep growing. If some factors do not grow, the others run into ng returns. Tertiary education is one of them. Researchers are a subgroup needed for technical change, iary is needed also outside research. But you can't get it without primary ans secondary. Tertiary is not of but complemented by primary and secondary. Lack of roads or electricity and all other systemms op growth. India is unfamous for its lack of infrastructure, Russia and Argentina was were criticezed by for raising too little tax revenues. You can't provide all the necessary public investmennt without taxes. The seck can slow down grow as all factors have to grow. Eastern Europe is more complicated because of the ialization starting from 1990 conditions. But education and other public investment sremain crucial as for the branches.

mmendations

Geetha Rani

NIEPA

10th Oct, 2013

ution of education to economic growth in the Indian context is not yet significant though there are few is made. It is primarily because the low income growth of India till early 1980s, what is called as Hindu rate. Only since 1990s, the growth rates have geared up, yet the GER in tertiary education in India less than 20 per cent.

mmendation

Pablo Gil

University of Alicante

11th Nov, 2013

example to explain that fact is the evolution of industria in korea. In the last ten years, new enginners and manufacture better cars, mobile devices, etc than in previous years. Nowdays, their cars give more by years and the technological innovation is similar to american and european cars.

mmendations

Elchin Suleymanov

Baku Engineering University

12th Dec, 2013

should lead higher real living standards and rising employment. Short term growth is measured by the % change in real <u>GDP.Industries</u> experience cycles of economic growth and contraction based on many

mmendations

Md Nasir Uddin

1et Ian 201*1*

131 Jan, 2014

American International University-Bangladesh

cation increases the quality of labor, higher education leads higher productivity, thus it reflects in growth.

mmendation

Dr. Arjun Yallappa Pangannavar

Kannada University, Hampi

5th May, 2014

education has positive effect on economic growth in various respect.

mmendation

Aklilu Nigussie

Ethiopian Institute of Agricultural Research

5th May, 2014

It saying positive or negative since is economic growth means industrialization or creating abandonment or what...but education will help to broaden the sphere of thinking yet it will also create idiots society but eliefs the education should has to back up by the nation culture, ethics and other norms so that it will ate more to economic growth yet education helps more if it follows with innovation and invention it will ate to more advancement though innovation or invention is not mandatory educational background.

Dr. Arjun Yallappa Pangannavar

Kannada University, Hampi

5th May, 2014

her education places people on gainful employment that attracts labour force from primary sector which nental to the growth of these sectors, for instance, in India agricultural sector facing labour shortage

mmendation

J.A. Karunaratne

Colombo International Nautical & Engineering College

9th Sep, 2014

sector education has spread widely at the same time as economic growth has taken place in the economies and tiger economies of Asia. South Korea is an example. But it is difficult to say if one the other. In some cases (in the case of the labour intensive economies), extreme exploitation of the 3 bring about economic growth whilst in other cases (specially when the economy is highly dependent nology intensive industries), the skilled labour help bring about economic growth.

Indre Deksnyte

Vytautas Magnus University

8th Aug, 2015

nent in education this is really actual theme: it establishes human capital that makes a substantial ution to economic and income growth. Here are many empyrical results indicating that here is positive between higher education and income growth. Its contribution returns in the form of skilled labor which increased development and improved quality of life. But I think here is not enough research about os if those people leave their native country.

mmendation

Silburn Clarke

The University of the West Indies at Mona

6th Jun, 2016

er,

yardstick to use as a point of reference is the WEF categorisation of economies.

c Resource-Based Economies:

es compete based on factor endowments: primarily unskilled labour and natural resources. Compete basis of price and sell basic products or commodities, with their low productivity reflected in low wages.

ciency-Driven Economies

es begin to develop more efficient production processes and increase product quality. Competitiveness asingly driven by higher education and training. Wages have risen and they cannot increase prices

vation-Driven Economies

nies must compete by producing new and different goods using the most sophisticated production ses driven by innovation. Wages will have risen by so much that they are only able to sustain those wages and the associated standard of living by higher value

In there are exceptions, these three stages typically are associated with rising levels of GDP growth. ions may cited as the oil-rich petro-states or non-oil mineral-rich states. Note that in category 2 higher on and training is posited as one of the pillars for differentiating an efficiency-based economy from a conomy. And in Stage 3, the Innovation-driven economy, new and different technologies and icated business processes and models is the differentiator with stage 2; again requiring still higher levels ation and training.

papers may help.

https://www.researchgate.net/post/What_is_the_impact_of_higher_education_on_economic_growth

www.researchgate.net/publication/299747565_Towards_a_talent-driven_outward-oriented_globally-itive_SME_framework_Discussion_Paper

www.researchgate.net/publication/301341427_Reforming_Jamaica%27s_National_Systems_of_Innovati

al Report Towards a talent-driven outward-oriented globally-competitiv...

al Report Reforming Jamaica's National Systems of Innovation

Bushra Zaareer

Jordan University of Science and Technology

10th Oct, 2016

Igh giving higher education more concentration and interest is vital, however, this can impose pressure e societies governments budgets especially when

ering countries with limited resources where Jordan is one example of such countries. In such countries, eased interest in higher education resulted in opening new universities and educational institutions, is a result increase the number of students who are willing to enroll in them and pursue their graduate

aper.researchbib.com/view/paper/92304



Can you help by adding an answer?

ıswer

\dd your answer

Add your answer

lications

1, Volume 2: Energy, the Environment, and Economic Growth

98

∍ W. Jorgenson

1: Econometric General Equilibrium Modeling presents an econometric approach to general equilibrium go fthe impact of economic policies. Earlier approaches were based on the "calibration" of general ium models to a single data point. The obvious disadvantage of calibration is that it requires highly ve assumptions ab...

sment of Economic Education in Korea's Higher Education

er

18

oo Hahn · Q Kyungho Jang · 🕞 Jongsung Kim

atus of Home Economics in Higher Education

75

ra Jane Harper

icle deals with data on enrollment and degrees granted in home economics in colleges and universities two decades of 1952-53 through 1972-73. It has attempted to point out from this data significant trends anges in home economics higher education. (Author/BP)



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