

# Seminar

## Human Capital Analysis

Philipp Eisenhauer

Human capital is defined as:

*The knowledge, skills, competencies and attributes embodied in individuals that facilitate the creation of personal, social and economic well-being.*

- OECD (2001)

Figure: Foundational work

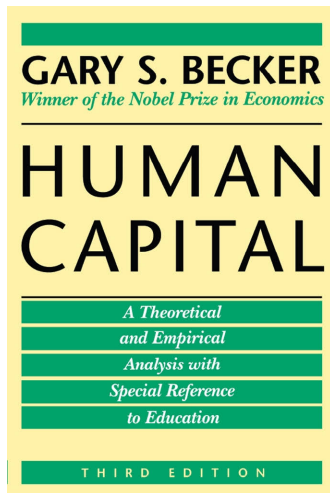


Table: Lecture plan

Date	Topic
11/10/18	Introduction to the Econometrics of Policy Evaluation
18/10/18	Generalized Roy model
25/10/18	Parameters of interest
08/11/18	Estimation methods
15/11/19	<b>grmpy</b> Tutorial
22/11/19	Monte-Carlo explorations

## **Contributors**


- ▶ Philipp Eisenhauer
- ▶ Valerie Stottuth

## Course Website

You find all information about the course on our website.

<https://github.com/HumanCapitalAnalysis>

This includes the lecture dates, topics, reading list, and the slides.

If you have further questions, please feel free to contact us using  slack.

## **Course Website**

The slides will be continuously updated, so please make sure you have their most recent versions.

## **Adminstration**

To sign up for the presentations, please send a message to the Valerie.

[vstottuth@gmail.com](mailto:vstottuth@gmail.com)

She has kindly agreed to keep the course website up-to-date.



## **Office Hours**

I offer office hours on Thursday between 9:00 - 10:30am at my office at IAME. Please contact Valerie to sign up for a slot.

## Open Source Economics

- ▶ **respy**, an open-source package for the simulation and estimation of a canonical model of human capital investment
- ▶ **grmpy**, an open-source package for the simulation and estimation of the generalized Roy model
- ▶ **NLSY Dataset**, groomed version of the National Longitudinal Survey of Youth (1979) for life-cycle histories of a variety of economic choices

## **Open Source Economics**

You find additional information on our website.

<https://github.com/OpenSourceEconomics>

If you are interested to contribute, be sure to let us know!

## **Related Courses**

We offer several other courses on the material presented here.

<https://github.com/HumanCapitalAnalysis>

- ▶ Econometrics of human capital
- ▶ Economics of human capital

## **Related Issues**

- ▶ Thesis projects
- ▶ Reference letters

# **Appendix**

# *References*

Becker, G. S. (1964). *Human capital* (1st ed.). New York City, NY: Columbia University Press.

OECD. (2001). *The well-being of nations: The role of human and social capital*. Paris, France: OECD Publication Service.