

**Seminário de Políticas Públicas**  
**Professores: Amanda de Albuquerque**  
**2020.2**

### **Objetivo**

Apresentar a fronteira da pesquisa econômica relacionada a políticas públicas nas mais diversas áreas temáticas; e capacitar os alunos em metodologias úteis durante os ciclos de diagnóstico, desenho, implementação e avaliação de política.

### **Estratégia Pedagógica**

A estratégia pedagógica deste curso é composta de três eixos. Primeiro, em aulas expositivas, apresentar aos alunos os referenciais teóricos de diversos métodos de pesquisa úteis para Políticas Públicas. Segundo, através de discussões e do uso de metodologias ativas, analisar casos reais onde as metodologias estudadas foram fundamentais para solucionar problemas de distintas partes do ciclo da política pública. Terceiro, aprender na prática, como implementar os métodos apresentados em contextos de política pública, através de relatório semanais e do trabalho final.

### **Avaliação**

- Reports: 9 reports ao longo do semestre (30%)
- Trabalho final: alunos divididos em grupos de 3 pessoas fazem uma análise associada a um problema concreto de um gestor público real (40%)
- *Cold call* + participação em aula (30%)

### **Metodologias em Políticas Públicas**

O curso irá discorrer sobre metodologias quantitativas e qualitativas que são úteis no diagnóstico, desenho, implementação e avaliação de políticas públicas. Os métodos apresentados durante o curso serão:

1. *Diagnóstico*
  - a. Problem Driven Iterative adaptation (PDIA)
  - b. Teoria da mudança (avaliação teórica)
2. *Desenho*
  - a. Marco lógico
  - b. Mapeamento de soluções existentes: status quo e benchmarks; prática latente e desvios positivos
  - c. Targeting
  - d. Pesquisa qualitativa e grupos focais
  - e. Nudges
3. *Implementação*
  - a. Piloto
  - b. Ferramentas de gestão de projetos: PMO
  - c. Financiamento, atores, cronograma e orçamento
  - d. Monitoramento

4. Avaliação
  - a. Comitê de ética e Pre-Analysis Plan
  - b. Aleatorização
  - c. Survey design
  - d. Cálculo de poder
  - e. Estimacão estrutural
5. Institucionalização de políticas e scale-up

## Cronograma

| Data  | Aula    |                                    | Métodos e conceitos                                                        | Área              | Professor       |
|-------|---------|------------------------------------|----------------------------------------------------------------------------|-------------------|-----------------|
| 27/08 | 1       | Diagnóstico de problemas complexos | Ciclo das PP                                                               | Introdução        | Arthur e Amanda |
| 03/09 | 2       |                                    | Problem Driven Iterative Adaptation (PDIA)                                 | Pobreza           | Arthur          |
| 10/09 | 3       |                                    | Problem Driven Iterative Adaptation (PDIA)                                 | Educação          | Arthur          |
| 17/09 | 4       | Desenho                            | Teoria da Mudança                                                          | Educação          | Arthur          |
| 24/09 | 5       |                                    | Marco lógico                                                               | Saúde             | Arthur          |
| 01/10 | 6       |                                    | Mapeamento de atores                                                       | Saúde             | Arthur          |
| 08/10 | 7       |                                    |                                                                            | Segurança Pública | Arthur          |
| 15/10 | Feriado |                                    |                                                                            |                   |                 |
| 22/10 | 8       | Implementação                      | Piloto                                                                     | Meio ambiente     | Amanda          |
| 29/10 | 9       |                                    |                                                                            | Meio Ambiente     | Amanda          |
| 05/11 | 10      |                                    | Do desenho à implementação: objetivo SMART, atores, Gantt Chart, orçamento | Agricultura       | Amanda          |
| 12/11 | 11      |                                    |                                                                            | Infraestrutura    | Amanda          |
| 19/11 | 12      | Avaliação                          | Aula prática                                                               | -                 | Arthur          |
| 26/11 | 13      |                                    | Pesquisa qualitativa                                                       | Gênero            | Amanda          |

|       |    |                                                                                  |              |        |
|-------|----|----------------------------------------------------------------------------------|--------------|--------|
| 03/12 | 14 | Comitê de Ética<br>Pre-Analysis Plan<br>Desenho de questionário<br>Aleatorização | Raça         | Amanda |
| 10/12 | 15 | Institucionalização de políticas<br>Carreiras em Políticas Públicas              | Encerramento | Amanda |

## **Bibliografia**

### **Áreas Temáticas**

#### **Desigualdade e Pobreza**

Skoufias, E., & Di Maro, V. (2008). Conditional cash transfers, adult work incentives, and poverty. *The Journal of Development Studies*, 44(7), 935-960.

Pritchett, L., & Kenny, C. (2013). Promoting millennium development ideals: The risks of defining development down. Center for Global Development Working Paper, (338).

*Video: What is Growth Diagnostics - CID Harvard* (<https://www.youtube.com/watch?v=8M-I7kIeHxI&list=PLVJQsjaKb-4RRCT-JW7es-PTaGyQ2lgSa&index=7&t=0s>)

*Video: Principles of PDIA* (<https://www.youtube.com/watch?v=oTq3fQ1SZC0>)

#### **Educação**

Jensen, R. (2010). The (perceived) returns to education and the demand for schooling. *The Quarterly Journal of Economics*, 125(2), 515-548.

Barrera-Orsorio, F., Bertrand, M., Linden, L. L., & Perez-Calle, F. (2011). Improving the design of conditional transfer programs: Evidence from a randomized education experiment in Colombia. *American Economic Journal: Applied Economics*, 3(2), 167-95.

Andrews, M., Pritchett, L., & Woolcock, M. (2017). Building state capability: Evidence, analysis, action. Oxford University Press. (capítulo 7)

Duflo, E. (2001). Schooling and labor market consequences of school construction in Indonesia: Evidence from an unusual policy experiment. *American economic review*, 91(4), 795-813.

Walker, S.P., S. M Chang, C. A Powell, and S. M. Grantham-McGregor, (2005). Effects of early childhood psychosocial stimulation and nutritional supplementation on cognition and education in growth-stunted Jamaican children: prospective cohort study. *The Lancet*, Volume 366, Issue 9499: 1804–07.

Andrabi, Tahir, Jishnu Das, and Asim Ijaz Khwaja. Report cards: The impact of providing school and child test scores on educational markets. The World Bank, 2015.

Banerjee, A. V., Cole, S., Duflo, E., & Linden, L. (2007). Remedying education: Evidence from two randomized experiments in India. *The Quarterly Journal of Economics*, 122(3), 1235-1264.

Banerjee, A., Banerji, R., Berry, J., Duflo, E., Kannan, H., Mukherji, S., ... & Walton, M. (2016). Mainstreaming an effective intervention: Evidence from randomized evaluations of “Teaching at the Right Level” in India (No. w22746). National Bureau of Economic Research.

## **Segurança**

Heller, S. B., Shah, A. K., Guryan, J., Ludwig, J., Mullainathan, S., & Pollack, H. A. (2017). Thinking, fast and slow? Some field experiments to reduce crime and dropout in Chicago. *The Quarterly Journal of Economics*, 132(1), 1-54.

Aizer, A., & Doyle Jr, J. J. (2015). Juvenile incarceration, human capital, and future crime: Evidence from randomly assigned judges. *The Quarterly Journal of Economics*, 130(2), 759-803.

## **Saúde**

Soares, R. (2014). "Determinants of Health Status in the Developing World". In: Anthony J. Culyer (editor). *Encyclopedia of Health Economics*, Elsevier, 2014, 435-442.

Miguel, E. & M. Kremer (2004) "Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities," *Econometrica* 72(1), January 2004, pp. 159-217.

Bhalotra, S., Rudi, R & Soares, R., (2019). "Does universalization of health work? Evidence from health systems restructuring and maternal and child health in Brazil," LACEA WORKING PAPER SERIES No. 0022

Bloom, N., Sadun, R., and Van Reenen, J. (2014). "Does Management Matter in Health care?", Boston, MA: Center for Economic Performance and Harvard Business School.

Rocha, R. & Rodrigo R. Soares (2010). "Evaluating the impact of community-based health interventions: evidence from Brazil's Family Health Program," *Health Economics*, John Wiley & Sons, Ltd., vol. 19(S1), pages 126-158.

## **Meio Ambiente**

Assunção, J., Gandour, C. & Rocha, R. (2017). "DETERring Deforestation in the Brazilian Amazon: Environmental Monitoring and Law Enforcement". Working paper.

Jayachandran, S., Laatz, J., Lambin, E., Stanton, C., Audy, R. & Thomas, N. (2017). "Cash for carbon: A randomized trial of payments for ecosystem services to reduce deforestation," *Science*, vol 357(6348), pages 267-273.

Hornbeck, R. (2012). "The Enduring Impact of the American Dust Bowl: Short- and Long-Run Adjustments to Environmental Catastrophe". *The American Economic Review*, 102(4):1477-1507.

Hsiang, S., Oliva, P. & Walker, R. (2019). "The Distribution of Environmental Damages". *Review of Environmental Economics and Policy*, vol 13(1), pages 83-103.

Isen, A., Rossin-Slater, M. and Walker, W. (2017). "Every Breath You Take—Every Dollar You'll Make: The Long-Term Consequences of the Clean Air Act of 1970." *Journal of Political Economy* 125 (3): 848–902.

Nordhaus, W. (2019). "Climate Change: The Ultimate Challenge for Economics." *American Economic Review*, 109 (6): 1991-2014.

## **Agricultura**

Karlan, D., Osei, R., Osei-Akoto, I., and Udry, C. (2014). "Agricultural Decisions after Relaxing Credit and Risk Constraints". *Quarterly Journal of Economics*, 129(2):597-652.

*Video: Life in Syntropy* (<https://www.youtube.com/watch?v=gSPNRu4ZPvE>)

de Janvry, A., Sadoulet, E. and Suri, T., (2017). "Field Experiments in Developing Country Agriculture". *Handbook of Economic Field Experiments*. Vol. 2. 427-466.

Dias, M., Rocha, R. and Soares, R. (2019). "Glyphosate Use in Agriculture and Birth Outcomes of Surrounding Populations". Working paper.

Hanna, R., Mullainathan, S., & Schwartzstein, J. (2014). "Learning Through Noticing: Theory and Evidence from a Field Experiment". *The Quarterly Journal of Economics*, 129(3), 1311–1353.

## **Gênero**

Kleven, Landais, Posch, Steinhauer and Zweimülle. (2019). "Child Penalties across Countries: Evidence and Explanations". *AEA Papers and Proceedings* 2019, 109: 122–126

Borkery, G. (2018). "Safety First: Perceived Risk of Street Harassment and Educational Choices of Women", *Job Market Paper*

Ashraf, N., Bau, N., Nunn, N., Voena, A. (2019). "Bride Price and Female Education". *Journal of Political Economy*, forthcoming

Bailey, M. (2006). "More power to the pill: the impact of contraceptive freedom on women's life cycle labor supply." *The Quarterly Journal of Economics* 121.1: 289-320

Beaman, L., Chattopadhyay, R., Duflo, E., Pande, R., & Topalova, P. (2009). "Powerful women: does exposure reduce bias?". *The Quarterly journal of economics*, 124(4), 1497-1540.

Ben Yishay, A., Jones, M., Kondylis, F., Mobarak, A. (2019). "Gender gaps in technology diffusion", *Journal of Development Economics*

Bharadwaj, Prashant, and Leah K. Lakdawala. (2013). "Discrimination Begins in the Womb: Evidence

of Sex-Selective Prenatal Investments.” *Journal of Human Resources* 48 (1): 71–113.

Cerqueira, D., Matos M., Martins, A. & Pinto Junior, J. (2015). “Avaliando a Efetividade da Lei Maria da Penha”. IPEA, Textos para Discussão, n 2048

Chattopadhyay, R. & Duflo, E. (2004) "Women as policy makers: Evidence from a Randomized Experiment in India", *Econometrica*, 72, 1409-1443.

Jayachandran, S. (2015). "The Roots of Gender Inequality in Developing Countries," *Annual Review of Economics*, Annual Reviews, vol. 7(1), pages 63-88, 08

Jayachandran, S. & Kuziemko, I. (2011). "Why Do Mothers Breastfeed Girls Less than Boys? Evidence and Implications for Child Health in India," *The Quarterly Journal of Economics*, Oxford University Press, vol. 126(3), pages 1485-1538

Jensen, Robert & Emily Oster. 2009. “The Power of TV: Cable Television and Women’s Status in India,” *Quarterly Journal of Economics*, 124(3): 1057-1094.

Knepper, M. (2018). "When the Shadow Is the Substance: Judge Gender and the Outcomes of Workplace Sex Discrimination Cases," *Journal of Labor Economics* 36, no. 3: 623-664.

Luca, D., Owens, E., & Sharma, G. (2015). “Can Alcohol Prohibition Reduce Violence Against Women?” *The American Economic Review*, 105(5), 625-629.

## **Raça**

Bertrand, M., & Mullainathan, S. (2004). “Are Emily and Greg more employable than Lakisha and Jamal? A field experiment on labor market discrimination”. *American economic review*, 94(4), 991-1013.

Fryer, R. G., & Loury, G. C. (2005). Affirmative Action and Its Mythology. *Journal of Economic Perspectives*, 19(3), 147–162. doi:10.1257/089533005774357888

Alesina, A., and La Ferrara, E. (2014). "A Test of Racial Bias in Capital Sentencing." *American Economic Review*, 104 (11): 3397-3433.

Alsan, M., Garrick, O., Graziani, G. (2018). “Does Diversity Matter for Health? Experimental Evidence from Oakland” NBER Working Paper No. w24787

Bertrand, M., Duflo, E., (2017). “Field experiments on discrimination”. In: Banerjee, A.V., Duflo, E. (Eds.), *Handbook of Field Experiments*, vol. 1, pp. 309e393.

Estevan, F., Gall, T. and Morin, L.P. (2019) ‘Redistribution without distortion: Evidence from an affirmative action program at a large Brazilian university’ *The Economic Journal*, Volume 129, Issue 619

Glover, D., Pallais, A. and Pariente, W. (2017). "Discrimination as a Self-Fulfilling Prophecy: Evidence from French Grocery Stores". *Quarterly Journal of Economics*. 2017;132 (3) :1219-1260.

Miller, C. (2017). "The Persistent Effect of Temporary Affirmative Action." *American Economic Journal: Applied Economics*, 9 (3): 152-90.

Nunn, N. and Wantchekon, L. (2011). The Slave Trade and the Origins of Mistrust in Africa. *The American Economic Review*, 101(7):3221-3252.

Soares, R. R., Assunção, J. J., and Goulart, T. F. (2012). "A note on slavery and the roots of inequality". *Journal of Comparative Economics*, 40:565-580.

Washington, E. (2006) "How Black Candidates Affect Voter Turnout," *Quarterly Journal of Economics*, 121 (3), 973-998.

### **Infraestrutura**

Alsan, G.(2019). "Watersheds in Child Mortality: The Role of Effective Water and Sewerage Infrastructure, 1880 to 1920". *Journal of Political Economy*;127 (2) :586-638

Dinkelman, T. (2011). "The Effects of Rural Electrification on Employment: New Evidence from South Africa". *The American Economic Review*, 101(7):3078-3108.

Gamper-Rabindran, S., Khan, S. & Timmins, C. (2010). "The Impact of Piped Water Provision on Infant Mortality in Brazil: A Quantile Panel Data Approach," *Journal of Development Economics* 92(2): 188-200.

Galiani, S., Gertler, P., Undurraga, R., Cooper, R., Martínez, S., Ross, A. (2017). "Shelter from the storm: Upgrading housing infrastructure in Latin American slums", *Journal of Urban Economics* 98, 187-213

Gonzalez-Navarro, M. & Quintana-Domeque, C. (2016). "Paving Streets for the Poor: Experimental Analysis of Infrastructure Effects", *Review of Economics and Statistics*, May, Vol. 98, Num. 2, pp. 254-267.

Jedwab, R. & Moradi, A. (2016). The Permanent Effects of Transportation Revolutions in Poor Countries: Evidence from Africa. *Review of Economics and Statistics*, 98(2):268-284.

Lipscomb, M., Mobarak, A. M., and Barham, T. (2013). Development Effects of Electrification: Evidence from the Topographic Placement of Hydropower Plants in Brazil. *American Economic Journal: Applied Economics*, 5(2):200-231.

Lipscomb, M. and Mobarak, A. M. (2017). Decentralization and Pollution Spillovers: Evidence from the Re-drawing of County Borders in Brazil. *Review of Economic Studies*, 84(1):464-502.

Rocha, Rudi & Soares, Rodrigo R. (2015). "Water scarcity and birth outcomes in the Brazilian semiarid," *Journal of Development Economics*, Elsevier, vol. 112(C), pages 72-91.

## **Gestão Pública**

Acemoglu, Daron, Georgy Egorov and Konstantin Sonin (2010). "Political Selection and Persistence of Bad Governments," *Quarterly Journal of Economics*, vol. 125(4), pages 1511-1575.

Ashraf, N., Bandeira, O., & Lee, S. (2018). "Losing Prosociality in the Quest for Talent? Sorting, Selection, and Productivity in the delivery of Public Services." March, 2018. *Revise & Re-submit*, *American Economic Review*.

Ashraf, N., Bandeira, O., & Jack, K. (2014). "No Margin, No Mission? A Field Experiment on Incentives for Public Services Delivery." *Journal of Public Economics* 120 (Dec 2014): 1-17.

Dustan, A., Maldonado, S. & Hernandez-Agramonte, J. (2018). "Motivating bureaucrats with non-monetary incentives when state capacity is weak: Evidence from large-scale field experiments in Peru," *Working Papers* 136, Peruvian Economic Association.

Ferraz, C. e Finan, F. (2010), "Motivating Politicians: The Impacts of Monetary Incentives on Quality and Performance". *Working Paper*

Finan, F., Olken, B. & Pande, R. (2015). "The Personnel Economics of the State," *NBER Working Papers* 21825, National Bureau of Economic Research, Inc.

Dal Bó, E., Finan, F. & Ross, M.i (2013) "Strengthening State Capabilities: The Role of Financial Incentives in the Call to Public Service", *Quarterly Journal of Economics*, 128(3): 1169-1218.

Khan, A., Khwaja, A. & Olken, B. (2019). "Making Moves Matter: Experimental Evidence on Incentivizing Bureaucrats through Performance-Based Postings," *American Economic Review*, vol 109(1), pages 237-270.

Muralidharan, K., Niehaus, P., & Sukhtankar, S. (2014), "Building State Capacity: Evidence from Biometric Smartcards in India", *American Economic Review*, vol 106(10), pages 2895-2929.

Rasul, I. & Rogger, D. (2016) "Management of Bureaucrats and Public Service Delivery: Evidence from the Nigerian Civil Service", *The Economic Journal* 128(7) ·

## **Desafios de Implementação**

Akhtari, M., Moreira, D., & Trucco, L. (2017). Political turnover, bureaucratic turnover, and the quality of public services. *Bureaucratic Turnover, and the Quality of Public Services*.

Casey, K., Glennerster, R., & Miguel, E. (2012) "Reshaping Institutions: Evidence on Aid Impacts Using a Pre-Analysis Plan," *Quarterly Journal of Economics*, 1755-1812

Fischer, G & Karlan, D. (2015). "The Catch-22 of External Validity in the Context of Constraints to Firm Growth," *American Economic Review*, vol 105(5), pages 295-299

Guiso, L., Sapienza, P., and Zingales, L. (2006). "Does culture affect economic outcomes?" *The Journal of Economic Perspectives*, 20(2):23-48.

Karlan, d[D., Osman, A. and Zinman, J. (2018). "Dangers of a Double-Bottom Line: A Poverty Targeting Experiment Misses Both Targets". NBER Working Paper No. 24379

Pritchett, L., Woolcock, M., & Andrews, M. (2010). Capability traps? The mechanisms of persistent implementation failure. Center for Global Development Working Paper, (234).

# Metodologia

## **Parte 0: A função dos economistas nas políticas públicas**

Duflo, E. (2017). Richard T. Ely Lecture: The Economist as Plumber. American Economic Review, 107(5), 1-26.

Angrist, J. & S. Pischke (2010) "The Credibility Revolution in Empirical Economics: How Better Research Design is Taking the Con out of Econometrics". Journal of Economic Perspectives 24(2),

## **Parte 1: Qual o problema que queremos resolver?**

### a) Diagnóstico macro: Growth diagnostics

Rodrik, D. (2010). Diagnostics before prescription. Journal of Economic Perspectives, 24(3), 33-44.

Hausmann, R., Rodrik, D., & Velasco, A. (2008). Growth diagnostics. The Washington consensus reconsidered: Towards a new global governance, 324-355.

Hausmann, R., Klinger, B., & Wagner, R. (2008). Doing growth diagnostics in practice: a'Mindbook' (No. 177). Center for International Development at Harvard University.

### b) Diagnóstico micro: PDIA

Andrews, M., Pritchett, L., & Woolcock, M. (2017). Building state capability: Evidence, analysis, action. Oxford University Press.

### c) Entendendo o contexto político e administrativo: Análise de atores

Andrews, M., Woolcock, M., & Pritchett, L. (2017). Building state capability: Evidence, analysis, action (p. 288). Oxford University Press.

Odugbemi, S., & Jacobson, T. (Eds.). (2008). Governance reform under real world conditions: citizens, stakeholders, and voice. The World Bank.

## **Parte 2: Desenho de soluções**

### a) Entendendo o beneficiário da política: Desenho de questionário, experimento de lista e grupo focal

GACITÚA-MARIÓ, Estanislao; WODON, Quentin. Measurement and meaning: Combining quantitative and qualitative methods for the analysis of poverty and social exclusion in Latin America. The World Bank, 2002.

LUNE, Howard; BERG, Bruce L. Qualitative research methods for the social sciences. Pearson Higher Ed, 2016.

### b) Mapeando soluções existentes: Status quo, práticas latentes, revisão de literatura e desvios positivos

Andrews, M., Pritchett, L., & Woolcock, M. (2017). Building state capability: Evidence, analysis, action. Oxford University Press.

### c) Desenhando o programa: Modelo lógico e teoria da mudança

Brest, P. (2010). The power of theories of change. *Stanford Social Innovation Review*, 8(2), 47-51.

Ministério de Educação do Brasil (2018). Guia de bolso de modelo lógico para programas em implementação.

e) Focalização de programas sociais (*targetting*)

Coady, D., Grosh, M., & Hoddinott, J. (2004). Targeting of transfers in developing countries: Review of lessons and experience. The World Bank.

Karlan, D. & Thuysbaert, B. (2019). "Targeting Ultra-Poor Households in Honduras and Peru," *The World Bank Economic Review*, vol 33(1), pages 63-94.

Skoufias, E., Davis, B., & De La Vega, S. (2001). Targeting the poor in Mexico: an evaluation of the selection of households into PROGRESA. *World development*, 29(10), 1769-1784.

### **Parte 3: Implementação**

a) Ferramentas de gestão de projetos

BARBER, Michael; KIHN, Paul; MOFFIT, Andy. *Deliverology: From idea to implementation*. McKinsey on Government, v. 6, p. 32-39, 2011.

MOEN, Ronald; NORMAN, Clifford. *Evolution of the PDCA cycle*. 2006.

b) Monitoramento de políticas públicas: Coleta de dados e construção de indicadores

Gugerty, M. K., & Karlan, D. (2018). *The Goldilocks challenge: Right-fit evidence for the social sector*. Oxford University Press.7

Pritchett, L., Samji, S., & Hammer, J. (2012). It's all about MeE: Learning in development projects through monitoring ("M"), experiential learning ("e") and impact evaluation ("E"). Center for Global Development Working Paper (forthcoming).

### **Parte 4: Avaliação**

a) Bioética, funding, atores e gestão;

Glennester, R., & Powers, S. (2016). Balancing risk and benefit: ethical tradeoffs in running randomized evaluations. *The Oxford Handbook of Professional Economic Ethics*. Oxford University Press, Oxford.

b) Aleatorização e cálculo de poder;

Angrist, J. D., & Pischke, J. S. (2008). *Mostly harmless econometrics: An empiricist's companion*. Princeton university press.

Banerjee, A. e Duflo, E (2016). *Handbook of Field Experiments*. Capítulos disponíveis em <https://www.povertyactionlab.org/handbook-field-experiments>

Bruhn, M. and McKenzie, David (2009) "In Pursuit of Balance: Randomization in Practice in Development Field Experiments", *American Economic Journal: Applied Economics*, 1(4): 200-32, 2009.

Duflo, E., Glennerster, R., and Kremer, M. (2008). "Using Randomization in Development Economics Research: A Toolkit." Chapter 61 in Handbook of Development Economics. Vol. 4. Edited by T. Paul Schultz and John Strauss. Amsterdam, The Netherlands: North Holland.

Imbens, G. (2011), "Experimental Design for Unit and Cluster Randomized Trials". Paper prepared for the International Initiative on Impact Evaluation 3ie.

McKenzie, D. (2012), "Beyond Baseline and Follow-up: The Case for more T in Experiments". Journal of Development Economics, Volume 99, Issue 2, Pages 201-520

d) Estimac o estrutural;

Heckman, J. (2010), "Building Bridges between Structural and Program Evaluation Approaches to Evaluating Policy", Journal of Economic Literature, 48, issue 2, p. 356-98.

e) Avaliac o de custo-efetividade;

Dhaliwal, I., Duflo, E., Glennerster, R., & Tulloch, C. (2013). Comparative cost-effectiveness analysis to inform policy in developing countries: a general framework with applications for education. Education policy in developing countries, 285-338.

## **Parte 5: Scale-up**

a) Escalando um programa

BANERJEE, Abhijit et al. From proof of concept to scalable policies: challenges and solutions, with an application. Journal of Economic Perspectives, v. 31, n. 4, p. 73-102, 2017.

Attanasio, O., Fernandez, C., Fitzsimons, E., Grantham-McGregor, S., Meghir, C., RubioCodina, M. (2014). "Using the infrastructure of a conditional cash transfer program to deliver a scalable integrated early child development program in Colombia: cluster randomized controlled trial". BMJ 349, g5785.

b) Institucionaliza o de pol ticas;

Cust dio, M., Furquim, N., Santos, G., & Cyrillo, D. (2015). "Seguran a alimentar e nutricional e a constru o de sua pol tica: uma vis o hist rica". Seguran a Alimentar E Nutricional, 18(1), 1-10.