

FAMILY MACROECONOMICS 2021

- Moshe Hazan, moshehaz@tauex.tau.ac.il
- Time: Sunday, 14:15-16:45
- Location: Berglas 101
- Office Hour: Berglas 228, by appointment

1 Overview

This course applies economic analysis to the family. Topics covered include the demand for children, the structure of the family, women rights, and how these topics interact with income inequality and economic development and growth.

Course requirements, grading, and attendance policies

Every week students will have to submit a short summary (2-3 pages, roughly 500 words) of the papers we will discuss in class. This will determine 50% of the final grade. Additionally, each student will have to present one or two papers during the semester. This will determine 30% of the final grade. The remaining 20% will be given for class attendance. I expect you to attend **all** classes, (unless you have a good excuse).

2 General Reading

Gary S. Becker. *A Treatise on the Family*. Harvard University Press, Cambridge, MA, 1991.

Gary S. Becker. A theory of the allocation of time. *The Economic Journal*, 75(299):493–517, 1965.

Oded Galor. *Unified Growth Theory*. Princeton University Press, 2011.

Claudia Goldin. *Understanding the Gender Gap: An Economic History of American Women*. Oxford University Press, NY, 1990.

Matthias Doepke and Michèle Tertilt. Families in macroeconomics. In John B. Taylor and Harald Uhlig, editors, *Handbook of Macroeconomics*, volume 2B, chapter 23. Elsevier, 2016.

3 Fertility Choice

Gary S. Becker. An economic analysis of fertility. In *Demographic and Economic Change in Developed Countries: a conference of the Universities-National Bureau Committee for Economic Research*, pages 209–231. Princeton University Press, Princeton, NJ, 1960.

Gary S. Becker and Gregg H. Lewis. On the interaction between the quantity and quality of children. *Journal of Political Economy*, 81:S279–S288, 1973.

Gary S. Becker and Nigel Tomes. Child endowments and the quantity and quality of children. *Journal of Political Economy*, 84:S143–S162, 1976.

Hoyt Bleakley and Fabian Lange. Chronic disease burden and the interaction of education, fertility and growth. *The Review of Economics and Statistics*, 91(1):52–65, 2009.

Larry E. Jones and Michèle Tertilt. An economic history of fertility in the u.s.: 1826–1960. In Peter Rupert, editor, *Frontiers of Family Economics*, pages 165 – 230. Emerald, 2008.

Larry E. Jones, Alice Schoonbroodt, and Michele Tertilt. Fertility theories: Can they explain the negative fertility-income relationship? NBER WP 14266, 2008.

Moshe Hazan and Hosny Zoabi. Do highly educated women choose smaller families? *The Economic Journal*, 125(587):1191–1226, 2015.

Thomas Baudin, David de la Croix, and Palua E. Gobbi. Fertility and childlessness in the united states. *American Economic Review*, 105(6):1852–1882, 2015.

Thomas Baudin, David de la Croix, and Palua E. Gobbi. Endogenous childlessness and stages of development. unpublished manuscript, 2015.

Paula E. Gobbi and Marc Goni. Childless aristocrats. inheritance and the extensive margin of fertility. *Economic Journal*, forthcoming.

Dan A. Black, Natalia Kolesnikova, Seth G. Sanders, and Lowell J. Taylor. Are children “normal”? *Review of Economics and Statistics*, 95(1):21–33, 2013.

Avraham Ebenstein, Moshe Hazan, and Avi Simhon. Changing the cost of children and fertility: Evidence from the israeli kibbutz. *The Economic Journal*, 126:2038–2063, 2016.

Daniel Aaronson, Fabian Lange, and Bhashkar Mazumder. Fertility transitions along the extensive and intensive margins. *The American Economic Review*, 104(11):3701–3724, 2014.

4 Fertility, Inequality, and Growth

David de la Croix and Matthias Doepke. Inequality and growth: Why differential fertility matters. *The American Economic Review*, 93(4):1091–1113, 2003.

Omer Moav. Cheap children and the persistence of poverty. *The Economic Journal*, 115(500):88–110, 2005.

Tom Vogl. Differential fertility, human capital, and development. *Review of Economic Studies*, 83(1):365–401, 2016.

Michael Bar, Moshe Hazan, Oksana Leukhina, David Weiss, and Hosny Zoabi. Why did rich families increase their fertility? inequality and marketization of child care. *Journal of Economic Growth*, 23(4):427–463, 2018.

5 Family and the Transition from Stagnation to Growth

Oded Galor. *Unified Growth Theory*. Princeton University Press, 2011.

Oded Galor and David N. Weil. Population, technology, and growth: From malthusian stagnation to the demographic transition and beyond. *The American Economic Review*, 90(4):806–828, September 2000.

Oded Galor and Omer Moav. Natural selection and the origin of economic growth. *The Quarterly Journal of Economics*, 117(4):1113–1191, November 2002.

Moshe Hazan and Binyamin Berdugo. Child labor, fertility, and economic growth. *The Economic Journal*, 112(482):810–828, 2002.

Sebnem Kalemli-Ozcan. Does the mortality decline promote economic growth? *Journal of Economic Growth*, 7:411–439, 2002.

Matthias Doepke. Accounting for fertility decline during the transition to growth. *Journal of Economic Growth*, 9(3):347–383, September 2004.

Sebnem Kalemli-Ozcan, Harl E. Ryder, and David N. Weil. Mortality decline, human capital investment, and economic growth. *Journal of Development Economics*, 62:1–23, 2000.

Rodrigo R. Soares. Mortality reductions, educational attainment, and fertility choice. *The American Economic Review*, 95(3):580–601, June 2005.

Moshe Hazan and Hosny Zoabi. Does longevity cause growth? a theoretical critique. *Journal of Economic Growth*, 11(4):363–376, 2006.

Moshe Hazan. Longevity and lifetime labor supply: Evidence and implications. *Econometrica*, 77(6):1829–1863, 2009.

Moshe Hazan. Life expectancy and schooling: New insights from cross-country data. *Journal of Population Economics*, 25:1237–1248, October 2012.

6 The Baby Boom

Jeremy Greenwood, Ananth Seshadri, and Guillaume Vandenbroucke. The baby boom and baby bust. *The American Economic Review*, 95(1):183–207, 2005.

Martha J. Bailey and William J. Collins. Did improvements in household technology cause the baby boom? evidence from electrification, appliance diffusion, and the amish. *American Economic Journal: Macroeconomics*, 3:189–217, 2011.

Stefania Albanesi and Claudia Olivetti. Maternal health and the baby boom. *Quantitative Economics*, 5(2):225–269, 2014.

Matthias Doepke, Moshe Hazan, and Yishay D. Maoz. The baby boom and world war ii: A macroeconomic analysis. *Review of Economic Studies*, 82(3):1031–1073, 2015.

Stefania Albanesi and Claudia Olivetti. Gender roles and medical progress. *Journal of Political Economy*, 124(3):650–695, 2016.

7 Gender and Household Choice

Oded Galor and David N. Weil. The gender gap, fertility, and growth. *American Economic Review*, 86(3):374–387, June 1996.

- Philip Saure and Hosny Zoabi. International trade, the gender wage gap and female labor force participation. *Journal of Development Economics*, 11:17–33, 2014.
- Michèle Tertilt. Polygyny, fertility, and savings. *Journal of Political Economy*, 113:1341–1371, 2005.
- Urvi Neelakantan and Michèle Tertilt. A note on marriage market clearing. *Economics Letters*, 101(2):103–105, 2008.
- Eric D. Gould, Omer Moav, and Avi Simhon. The mystery of monogamy. *The American Economic Review*, 98:333–357, 2008.
- Matthias Doepke and Michèle Tertilt. Women’s liberation: What’s in it for men? *The Quarterly Journal of Economics*, 124(4):1541–1591, 2009.
- Raquel Fernández. Women’s rights and development. *Journal of Economic Growth*, 19(1):37–80, 2014.
- Moshe Hazan, David Weiss, and Hosny Zoabi. Women’s liberation as a financial innovation. *Journal of Finance*, 74:2915–2956, December 2019.
- Moshe Hazan and Hosny Zoabi. Sons or daughters? sex preferences and the reversal of the gender educational gap. *Journal of Demographic Economics*, 82(2):179–201, 2015.

8 Labor Force Participation

8.1 Child Labor

- Jean-Marie Baland and James Robinson. Is child labor inefficient? *Journal of Political Economy*, 108(4):663–679, 2000.
- Moshe Hazan and Binyamin Berdugo. Child labor, fertility, and economic growth. *The Economic Journal*, 112(482):810–828, 2002.
- Matthias Doepke and Fabrizio Zilibotti. The macroeconomics of child labor regulation. *The American Economic Review*, 95(5):1492–1524, December 2005.
- Kaushik Basu. Gender and say: A model of household behavior with endogenously-determined balance of power. *The Economic Journal*, 116(511):558–580, 2006.

8.2 Female Labor Force Participation

Jeremy Greenwood, Ananth Seshadri, and Mehmet Yorukoglu. Engines of liberation. *Review of Economic Studies*, 72(1):109–133, January 2005.

Moshe Hazan and Yishay D. Maoz. Women’s labor force participation and the dynamics of tradition. *Economics Letters*, 75(2):193–198, April 2002.

Raquel Fernández. Cultural change as learning: The evolution of female labor force participation over a century. *American Economic Review*, 103(1):472–500, February 2013.

Alessandra Fogli and Laura Veldkamp. Nature or nurture? learning and the geography of female labor force participation. *Econometrica*, 79(4):1103–1138, 2011.

Raquel Fernández and Alessandra Fogli. Culture: An empirical investigation of beliefs, work, and fertility. *American Economic Journal: Macroeconomics*, 1(1):146–177, 2009.

Claudia Olivetti. Changes in women’s hours of market work: The role of returns to experience. *Review of Economic Dynamics*, 9(4):557–587, 2006.

Orazio Attanasio, Hamish Low, and Virginia Sanchez-Marcos. Explaining changes in female labour supply in a life-cycle model. *The American Economic Review*, 98(4):1517–1552, 2008.

9 Home Production

Jess Benhabib, Richard Rogerson, and Randall Wright. Homework in macroeconomics: Household production and aggregate fluctuations. *Journal of Political Economy*, 99:1166–87, 1991.

Jeremy Greenwood and Zvi Hercowitz. The allocation of capital and time over the business cycle. *Journal of Political Economy*, 99:1188–1214, 1991.

Jeremy Greenwood, Richard Rogerson, and Randall Wright. Putting home economics into macroeconomics. *Federal Reserve Bank of Minneapolis Quarterly Review*, 17(3), 1993.

- Mark Aguiar and Erik Hurst. Life-cycle prices and production. *The American Economic Review*, 97(5):1533–1559, 2007.
- Mark Aguiar, Erik Hurst, and Loukas Karabarbounis. Time use during the great recession. *The American Economic Review*, 2013. forthcoming.
- Jonathan Guryan, Erik Hurst, and Melissa Kearney. Parental education and parental time with children. *Journal of Economic Perspectives*, 22(3):23–46, 2008.
- Valerie A. Ramey and Neville Francis. A century of work and leisure. *American Economic Journal: Macroeconomics*, 1(2):189–224, 2009.
- Valerie Ramey. Time spent in home production in the 20th century united states. *Journal of Economic History*, 69(1):1–47, 2009.
- Garey Ramey and Valerie A. Ramey. The rug rat race. *Brookings Papers on Economic Activity*, pages 129–176, 2010.