

Curriculum Vitae

Torbjørn Hægeland,
Director of Research, Statistics Norway

Personal

Born: April 22, 1969 in Stavern, Norway
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Education

PhD (dr. polit), University of Oslo, 2002
Thesis: *Human capital, earnings and productivity*
Advisor: Tor J. Klette
Examiners: Costas Meghir, Per-Anders Edin and Erik Biørn
The thesis was awarded with H.M King of Norway's Gold Medal for outstanding young researchers

MSc (cand. polit) in Economics, University of Oslo, 1994

Professional Experience

Current position:

2010-present: Director of Research, Statistics Norway

Previous positions:

2002-2009: Head of Research, Labor Market and Firm Behavior, Research Department, Statistics Norway.

2002-2009: Scientific Adviser, Ragnar Frisch Centre for Economic Research, (part time)

2008: Researcher, ESOP (Centre of Excellence), Department of Economics, University of Oslo

2004-2005: Adviser, Norwegian Directorate for Education and Training (part time)

1998-2002: Research Fellow, Microeconomic Division, Research Department, Statistics Norway.

1998-1999: Visiting Fellow at Harvard University, Department of Economics,

1996-1997: Economist, Microeconomic Division, Research Department, Statistics Norway.

1994-1996: Economist, Macroeconomic Division, Research Department, Statistics Norway.

Expert groups etc.

Head of expert group on infrastructure in social sciences, appointed by the Norwegian research Council, 2003.

Member of OECD expert group on development of value-added modelling in education systems, 2006-2008.

Member of expert committee (appointed by NOKUT), evaluating application for university accreditation from Bodø University College, 2010

Member of the Norwegian Government commission on promotion of regional growth in skill-intensive jobs (Kompetansesarbeidsplassutvalget), 2010 - 2011

Member of the Norwegian Ministry of Finance's advisory panel on macroeconomic models and methods, 2011-present

Member of OECD AHELO Value-added Expert Group, 2013

Member, Board of Directors, Norwegian Social Science Data Service (NSD AS), 2013- present

Supervision, teaching, refereeing:

Supervised four Master theses in economics (University of Oslo):

Fredrik Gaarder, 2003

Lars J. Kirkebøen, 2005

Kristin Johannesen, 2006

Jens Fredrik B. Skogstrøm, 2007

Co-supervised one PhD student (Norwegian School of Economics):

Dag Rønningen, 2003-2007

Seminar teaching in Economics on Bachelor and Master level, University of Oslo.

Refereeing: Economic Journal, Economics of Education Review, Finnish Economic Papers, Labour Economics, Oxford Bulletin of Economics and Statistics, Research Policy, Scandinavian Journal of Economics

List of publications – Torbjørn Hægeland

International journal articles and book chapters

1. Holmøy, E. and T. Hægeland (1999): Effective Rates of Assistance for Norwegian Industries, *Review of Income and Wealth*, **45**, 99-116.
2. Hægeland, T. and T.J. Klette (1999): Do Higher Wages Reflect Higher Productivity? Education, Gender and Experience Premiums in a Matched Plant-Worker Data Set, i John C. Haltiwanger, Julia Lane, James Spletzer, Jules Theeuwes and Kenneth R. Troske (red.): *The Creation and Analysis of Linked Employer-Employee Data*, Amsterdam: North-Holland, 231-259.
3. Hægeland, T., T.J. Klette and K.G. Salvanes (1999): Declining returns to education in Norway? Comparing estimates across cohorts, sectors and over time, *Scandinavian Journal of Economics*, **101**, 555-576.
4. Hægeland, T. (2002): A Norwegian Perspective on Data Integration, *New Zealand Economic Papers*, **36**(2), 69-71.
5. Barth, E., B. Bratsberg, T. Hægeland and O. Raaum (2008): Who pays for performance? *International Journal of Manpower* 2008/1, 8-29.
6. Cappelen, Å., E. Fjærli, F. Foyn, T. Hægeland, J. Møen, A. Raknerud and M. Rybalka (2010): Evaluation of the Norwegian Tax Credit Scheme, *Journal of Technology Management and Innovation*, Vol. 5(3), 2010, 96-109
7. Fiva, J.H., T. Hægeland and M. Rønning (2010): Health Status After Cancer: Does it Matter Which Hospital You Belong To? *BMC Health Services Research* 10:204
8. Dagsvik, J.K., T. Hægeland and A. Raknerud (2011): Estimating the Returns to Schooling: A Likelihood Approach Based on Normal Mixtures, *Journal of Applied Econometrics*, **26** (4), 613-640.
9. Barth, E., B. Bratsberg, T. Hægeland and O. Raaum (2012): Performance Pay, Union Bargaining and Within-Firm Wage Inequality, *Oxford Bulletin of Economics and Statistics*, **74**, 3, 327-362
10. Hægeland, T., O. Raaum and K.G. Salvanes (2012): Pennies from heaven? Using exogenous tax variation to identify effects of school resources on pupil achievement, *Economics of Education Review*, **31**, 601-614.
11. Hægeland, T. (2012): Comment on Öckert: On the margin of success? Effects on expanding higher education for marginal students, *Nordic Economic Policy Review*, 2012:1, 159-164.
12. Bettinger E., T. Hægeland and M. Rege : Home with Mom: The effects of stay-at-home parents on children's long-run educational outcomes, *Journal of Labor Economics*, forthcoming

Norwegian journal articles and book chapters

1. Holmøy, E., T. Hægeland, and Ø. Olsen (1993): Effektive satser for næringsstøtte, Økonomiske analyser 7-1993, 13-25.
2. Hægeland, T. (1997): Hvor mye bidrar økt utdanning til økonomisk vekst? *Norsk Økonomisk Tidsskrift* 111, 93-120.
3. Fjærli, E. and T. Hægeland (2000): Ny giv for nyskaping, men er treffsikkerheten god nok? *Sosialøkonomen*, 7/2000.
4. Holmøy, E., T. Hægeland and K. E. Rosendahl (2002): Best i test, men hva så? Kommentarer til NOU 2001:29, *Sosialøkonomen*, 2/2002
5. Ervik, A.O., E. Holmøy and T. Hægeland (2002): Produksjon og ressursbruk innenfor høyere utdanning i Norge, *Økonomiske analyser* 4/2002.
6. Hægeland, T. (2002): Har det vært et fall i kvaliteten i norsk utdanning? *Økonomiske analyser* 4/2002.
7. Hægeland, T. (2002): Inntektsulikhet og avkastning på humankapital i Norge 1970-97. *Økonomisk Forum*, 6/2002, 15-22.
8. Hægeland, T (2002): Kan arbeidserfaring erstatte formell utdanning? *Økonomiske analyser*, 6/2002.
9. Hægeland, T. (2003): Økonomisk avkastning av utdanning, i *Utdanning 2003 - ressurser, rekruttering, resultater*, Statistiske analyser **60**, Statistics Norway.
10. Cappelen, Å., T. Hægeland and J. Møen (2004): Bør OECD-målsettingen i norsk forskningspolitikk opprettholdes? *Økonomiske analyser*, 2/2004, 29-37.
11. Hægeland, T., L.J. Kirkebøen, O. Raaum and K.G. Salvenes (2005): Kan man identifisere skolenes bidrag til elevenes læring? Temakapittel i *Utdanningsspeilet 2004*, Utdanningsdirektoratet, s.77-85.
12. Hægeland, T., L.J. Kirkebøen, O. Raaum and K.G. Salvenes (2005): Familiebakgrunn, skoleressurser og avgangskarakterer i norsk grunnskole. In *Utdanning 2005 – deltakelse og kompetanse*, Statistiske analyser **74**, Statistics Norway s. 34-52.
13. Hægeland, T (2005): Har medaljen en bakside? *Horisont* 4/2005, 38-46.
14. Barth, E., B. Bratsberg, T. Hægeland and O. Raaum (2005): Nye avlønningsformer, i H. Torp (red.): *Nytt arbeidsliv: Medvirkning, inkludering og belønning*, Gyldendal akademisk forlag, 2005, 55-73.
15. Barth, E., B. Bratsberg, T. Hægeland and O. Raaum (2005): Større lønnsforskjeller i Norge - en følge av prestasjonslønn? In H. Torp (red.): *Nytt arbeidsliv: Medvirkning, inkludering og belønning*, Gyldendal akademisk forlag, 2005, 211-228.
16. Hatling, L. and T. Hægeland (2011): Menneskene, jobbene, stedene: kompetansearbeidsplasser i et regionalt perspektiv, *PLAN* 02/2011, 12-17
17. Bratsberg, B., T. Hægeland and O. Raaum (2011): Tøffere krav? Ferdigheter og deltakelse i arbeidslivet, *Søkelys på arbeidslivet*, 28(4), 302-316

18. Henningsen, M.S., T. Hægeland and J. Møen (2012): Gir selektive forskningssubsidier økt forskningsinnsats i næringslivet? *Samfunnsøkonomen*, 9/2012, 48-56
19. Hægeland, T., L.J. Kirkebøen, O. Raaum and K.G. Salvenes (2013): Hvorfor gjør barn av høyt utdannede det bedre på skolen? In *Utdanning 2013 – fra barnehage til doktorgrad*, Statistiske analyser **138**, Statistics Norway, 83-104

Reports etc. (mostly in Norwegian)

1. Holmøy, E., T. Hægeland, Ø. Olsen and B. Strøm (1993): Effektive satser for næringsstøtte, Rapporter 93/31, Statistics Norway.
2. Hægeland, T. (1994): En indikator for effekter av næringspolitiske tiltak i en økonomi karakterisert ved monopolistisk konkurranse, Rapporter 94/31, Statistics Norway.
3. Fæhn, T., L.A. Grünfeld, E. Holmøy, T. Hægeland, and B. Strøm (1995): Næringsstøttens størrelse og sammensetning 1989 og 1991, Rapporter 95/9, Statistics Norway.
4. Fæhn, T. and T. Hægeland (1996): Effektive satser for næringsstøtte 1994, Rapporter 96/18, Statistics Norway.
5. Hægeland, T. and J. Møen (2000): Betydningen av høyere utdanning og akademisk forskning for økonomisk vekst: En oversikt over teori og empiri, Rapporter 2000/10, Statistics Norway.
6. Hægeland, T. and J. Møen (2000): Kunnskapsinvesteringer og økonomisk vekst, vedlegg 15 i *Frihet med ansvar. Om høgre utdanning og forskning i Norge (NOU 2000:14)*
7. Hægeland, T. (2000): "Ny" vekstteori: Et nytt forskningsprogram eller naturlig progresjon? Notater 2000/56, Statistics Norway.
8. Hægeland, T (2003): Egenkapital og utenlandsk eierskap, Vedlegg 5 i *Skatteutvalget. Forslag til endringer i skattesystemet (NOU 2003:9)*
9. Hægeland, T., L.J. Kirkebøen, O. Raaum and K.G. Salvenes (2004): Marks across lower secondary schools in Norway. What can be explained by the composition of pupils and school resources? Rapporter 2004/11, Statistics Norway.
10. Cappelen, Å., F. Foyn, T. Hægeland, K.A. Kjesbu, J. Møen, G. Petterson and A. Raknerud (2005): Årsrapport for SkatteFUNN-evalueringen - 2004, Rapporter 2005/12, Statistics Norway.
11. Hægeland, T., L.J. Kirkebøen and O. Raaum (2005): Skoleresultater 2004. En kartlegging av karakterer fra grunn- og videregående skoler i Norge, Notater 2005/31, Statistics Norway.
12. Bogen, S.W., K. Digre, A. Hedum, T. Hægeland, T.K. Schjerven and B. Vold (2005): Et system for statistikk om statlig virksomhet, Notater 2005/34, Statistics Norway.
13. Hægeland, T., L.J. Kirkebøen, O. Raaum and K.G. Salvenes (2005): Skolebidragsindikatorer. Beregnet for avgangskarakterer fra grunnskolen for skoleårene 2002-2003 og 2003-2004, Rapporter 2005/33, Statistics Norway.

14. Hægeland, T., L.J. Kirkebøen, O. Raaum and K.G. Salvanes (2005): Skolebidragsindikatorer for Oslo-skoler. Beregnet for avgangskarakterer fra grunnskolen for skoleårene 2002-2003 og 2003-2004. Rapporter 2005/36, Statistics Norway.
15. Hægeland, T., K.A. Kjesbu and J. Møen: Fører SkatteFUNN-ordningen til økt FoU-innsats? Foreløpig rapport om innsatsaddisjonalitet, Rapporter 2006/12, Statistics Norway.
16. Hægeland, T., L.J. Kirkebøen and O. Raaum (2006): Resultatforskjeller mellom videregående skoler. En analyse basert på karakterdata fra skoleåret 2003-2004, Rapporter 2006/16, Statistics Norway.
17. Cappelen, Å., F. Foyn, T. Hægeland, K.A. Kjesbu, J. Møen and A. Raknerud (2006): Årsrapport for SkatteFUNN-evalueringen - 2005, Rapporter 2006/17, Statistics Norway.
18. Hægeland, T., L.J. Kirkebøen and O. Raaum (2006): Skoleresultater 2005. En kartlegging av karakterer fra grunnskoler og videregående skoler i Norge, Notater 2006/35, Statistics Norway.
19. Bratsberg, B., T. Hægeland and O. Raaum (2006): Lese- og tallforståelse, utdanning og arbeidsmarkedssuksess, Rapport om ALL-undersøkelsen, Lesesenteret, Universitetet i Stavanger.
20. Hægeland, T. (2006): Evaluation of tax incentives for R&D: an overview of issues and considerations. (A paper produced by the Crest OMC Working Group "Evaluation and design of R&D tax incentives").
21. Hægeland, T. and L.J. Kirkebøen (2007): Skoleresultater 2006. En kartlegging av karakterer fra grunn- og videregående skoler i Norge, Notater 2007/29, Statistics Norway.
22. Hægeland, T. and J.F.B. Skogstrøm (2007): Kunnskap som grunnlag for verdiskaping - tilgang på kvalifisert arbeidskraft, Notater 2007/31, Statistics Norway.
23. Hægeland, T. and L.J. Kirkebøen (2007): Lønnsforskjeller mellom utdanningsgrupper, Notater 2007/36, Statistics Norway.
24. Hægeland, T. and J. Møen (2007): Forskerrekruttering og opptrappingsplanen: Estimerte lønnsprofiler for utvalgte utdanninger på master- og doktorgradsnivå, Notater 2007/31, Statistics Norway.
25. Cappelen, Å., E. Fjærli, F. Foyn, T. Hægeland, J. Møen, A. Raknerud and M. Rybalka (2007): SkatteFUNN-evalueringen - Årsrapport 2006, Rapporter 2007/17, Statistics Norway.
26. Hægeland, T., L.J. Kirkebøen, O. Raaum and K.G. Salvanes (2005): Skolebidragsindikatorer for Oslo-skoler. Beregnet for avgangskarakterer fra grunnskolen for skoleårene 2004-2005 og 2005-2006. Rapporter 2007/28, Statistics Norway.
27. Hægeland, T., L.J. Kirkebøen and J.F.B. Skogstrøm (2007): Realfagkompetanse fra videregående opplæring og søkning til høyere utdanning, Rapporter 2007/30, Statistics Norway.
28. Hægeland, T. and J. Møen (2007): The relationship between the Norwegian R&D tax credit scheme and other innovation policy instruments, Rapporter 2007/45, Statistics Norway.
29. Hægeland, T. and J. Møen (2007): Input additionality in the Norwegian R&D tax credit scheme, Rapporter 2007/47, Statistics Norway.
30. Cappelen, Å., F. Foyn, E. Fjærli, T. Hægeland, J. Møen, A. Raknerud and M. Rybalka (2008): Evaluering av SkatteFUNN – Sluttrapport, Rapporter 2008/2, Statistics Norway.
31. Fiva, J.H. and T. Hægeland (2008): Resultatindikatorer i høyere utdanning. Studiepoeng, grader på normert tid og arbeidsmarkedsutfall, Rapporter 2008/16, Statistics Norway.

32. Hægeland, T. , L.J. Kirkebøen and O. Raaum (2008): Ressurser i grunnskole og videregående opplæring i Norge 2003-2007, Frisch-rapport 2008/3.
33. Salvanes, K.G. J. Møen, T. Hægeland, O. Raaum and K. Bjorvatn (2008): Veien mot kunnskapslandet - utfordringer for det norske utdanningssystemet, SNF-rapport 01/08.
34. Hægeland, T. and L.J. Kirkebøen (2008): School performance and value-added indicators – what is the effect of controlling for socioeconomic background? Documents 2008/8, Statistics Norway.
35. Gravaas, B.C., T. Hægeland, L.J. Kirkebøen and K. Steffensen (2008): Skoleresultater 2007. En kartlegging av karakterer fra grunnskoler og videregående skoler i Norge. Notater 2008/24, Statistics Norway.
36. Hægeland, T., L.J. Kirkebøen and O. Raaum (2009): Øre for læring - Ressurser i grunnskole og videregående opplæring i Norge 2003-2008, Frisch-rapport 2009/2.
37. Hægeland, T., L.J. Kirkebøen and O. Raaum (2010): Skolebidragsindikatorer for videregående skoler i Oslo. Rapporter 2010/36, Statistics Norway.
38. Hægeland, T., L.J. Kirkebøen, B. Bratsberg and O. Raaum (2011): Value added-indikatorer: Et nyttig verktøy i kvalitetsvurdering av skoler? Rapporter 2011/42, Statistics Norway.

Working papers

1. Holmøy, E., T. Hægeland and Ø. Olsen (1994): Effective Rates of Assistance for Norwegian Industries, Discussion Papers 122, Statistics Norway.
2. Holmøy, E. and T. Hægeland (1995): Effective Rates of Assistance for Norwegian Industries, Discussion Papers 147, Statistics Norway.
3. Hægeland, T. (1996): Monopolistic Competition, Resource Allocation and the Effects of Industrial Policy, Discussion Papers 161, Statistics Norway.
4. Holmøy, E. and T. Hægeland (1997): Aggregate Productivity Effects of Technology Shocks in a Model of Heterogeneous Firms: The Importance of Equilibrium Adjustments, Discussion Papers 198, Statistics Norway.
5. Hægeland, T. and T.J. Klette (1997): Do Higher Wages Reflect Higher Productivity? Education, Experience and Gender Premia in a Matched Plant-Worker Data Set, Discussion Papers 208, Statistics Norway.
6. Holmøy E., and T. Hægeland (2000): Aggregate Productivity and Heterogeneous Firms, Discussion Papers 266, Statistics Norway.
7. Hægeland, T. (2001): Experience and Schooling: Substitutes or Complements? Discussion Papers 301, Statistics Norway.
8. Hægeland, T. (2001): Changing Returns to Education Across Cohorts: Selection, School System or Skills Obsolescence? Discussion Papers 301, Statistics Norway.
9. Hægeland, T. (2001): *Human Capital, Earnings and Productivity*. Dr. polit- avhandling i samfunnsøkonomi, Universitetet i Oslo.

10. Ervik, A.O., E. Holmøy and T. Hægeland (2003): A Theory-Based Measure of the Output of the Education Sector. Discussion Papers 353, 2003
11. Hægeland, T., L.J. Kirkebøen, O. Raaum and K.G. Salvanes (2004): Pupil achievement, school resources and family background,. *Discussion Papers 397*, Statistics Norway.
12. Dagsvik, J.K., T. Hægeland and A. Raknerud (2006): Estimation of Earnings- and Schooling Choice Relations: A Likelihood Approach, *Discussion Papers 486*, Statistics Norway.
13. Barth, E., B. Bratsberg, T. Hægeland and O. Raaum (2006): Who Pays for Performance? IZA Discussion Paper 2142.
14. Hægeland, T., O. Raaum and K.G. Salvanes (2007): Pennies from heaven. Using exogenous tax variation to identify effects of school resources on pupil achievement, Discussion Papers 508, Statistics Norway.
15. Hægeland, T., D. Rønningen and K.G. Salvanes (2007): Adapt or withdraw? Evidence on technological changes and early retirement using matched worker-firm data, Discussion Papers 509, Statistics Norway.
16. Barth, E., B. Bratsberg, T. Hægeland and O. Raaum (2008): Performance Pay and Within-Firm Wage Inequality, Discussion papers 535, Statistics Norway.
17. Henningsen, M. and T. Hægeland: Downsizing as a sorting device (2008): Are low-productive workers more likely to leave downsizing firms? Discussion papers 543, Statistics Norway.
18. Dagsvik, J.K., T. Hægeland and A. Raknerud (2008): Estimating the Returns to Schooling: A Likelihood Approach Based on Normal Mixtures. Discussion papers 567, Statistics Norway.
19. Fiva, J.H., T. Hægeland and M. Rønning (2009): Health Status After Cancer: Does it Matter Which Hospital You Belong To? Discussion papers 590, Statistics Norway.
20. Hægeland, T., L.J. Kirkebøen, O. Raaum and K.G. Salvanes (2010): Why children of college graduates outperform their schoolmates: A study of cousins and adoptees, Discussion papers 628, Statistics Norway.
21. Cappelen, Å., E. Fjærli, F. Foyen, T. Hægeland, J. Møen, A. Raknerud and M. Rybalka (2010): Evaluation of the Norwegian Tax Credit Scheme, Discussion papers 640, Statistics Norway.
22. Henningsen, M.S., T. Hægeland and J. Møen (2012): Estimating the additionality of R&D subsidies using proposal evaluation data to control for firms' R&D intentions, Discussion papers 729, Statistics Norway
23. Bratsberg, B., T. Hægeland and O. Raaum (2013): Immigrant skills and employment. Cross-country evidence from the Adult Literacy and Life Skills Survey, Discussion papers 730, Statistics Norway
24. Fiva J.H., T. Hægeland, M. Rønning and A. Syse (2013): Access to treatment and educational inequalities in cancer survival, Discussion papers 735, Statistics Norway
25. Bettinger E., T. Hægeland and M. Rege (2013): Home with Mom: The effects of stay-at-home parents on children's long-run educational outcomes, Discussion papers 739, Statistics Norway