



Research article

Market and home production earnings gaps in Russia

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Supplementary

Appendix

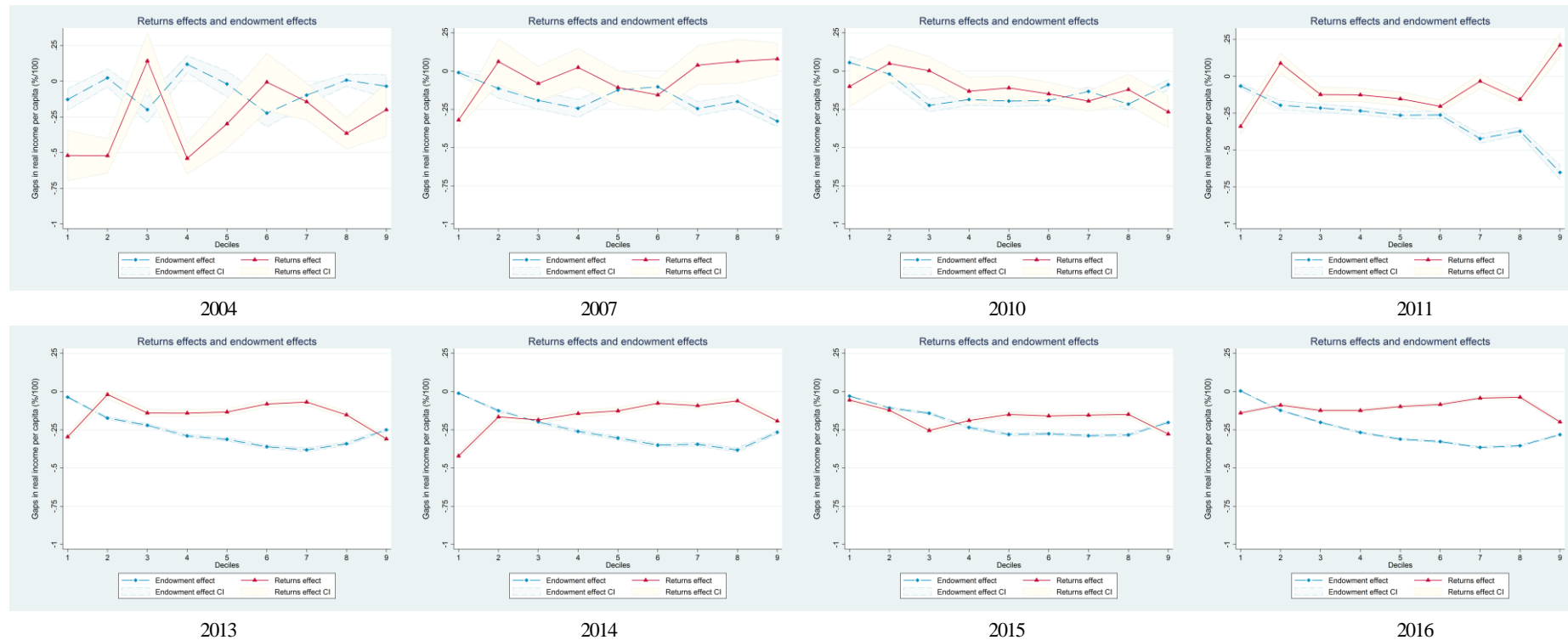


Fig. A.1. Endowment and returns effects: labor income, rural vs. urban residence. (% differences in income)

Notes: Author's analysis of LIS data. Urban status unavailable in 2000. The endowment and returns effects show the percentage income gaps ($\times 100$) due to, respectively, differentials in the endowments of all measurable characteristics, and differentials in the returns to all measurable characteristics and other unmeasured differentials. Regression specifications control for head demographics (sex, age, age², marital status), education (years attained, binary edu. levels), employment (binary empl. status, sector indicators, engagement in farming), household composition (size, % children, % elderly, hhd. composition type indicators), and residence (region indicators). Negative effects are pro-urban. The sum of the endowment and returns effects gives the estimated percentage income gap at each decile of the income distribution.

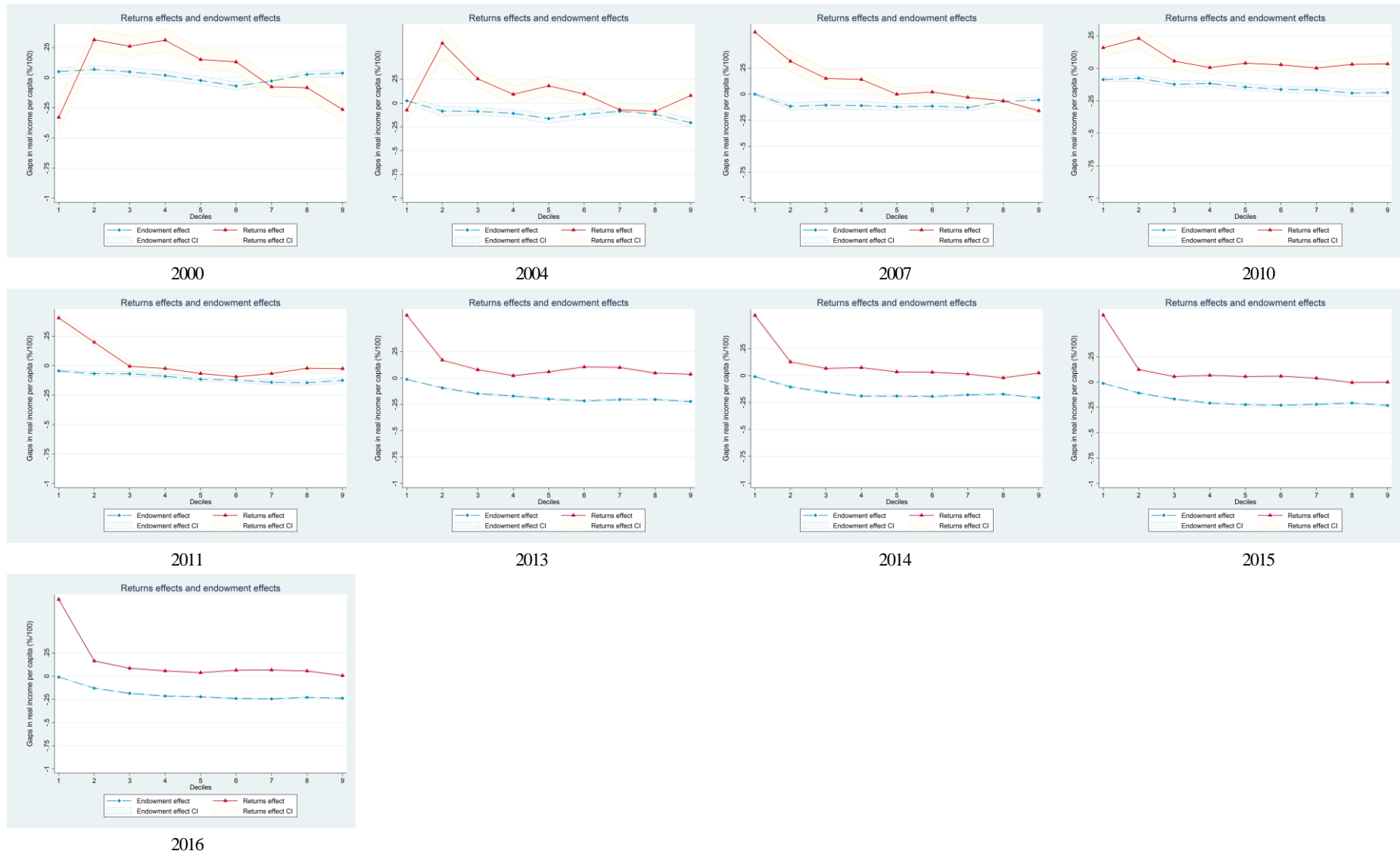


Fig. A.2. Endowment and returns effects: labor income, farming vs. non-farming hh. (% differences in income)

Notes: Author’s analysis of LIS data. The endowment and returns effects show the percentage income gaps ($\times 100$) due to, respectively, differentials in the endowments of all measurable characteristics, and differentials in the returns to all measurable characteristics and other unmeasured differentials. Regression specifications control

for head demographics (sex, age, age², marital status), education (years attained, binary edu. levels), employment (binary empl. status, sector indicators), household composition (size, % children, % elderly, hhd. composition type indicators), and residence (urban/rural, region indicators). Negative effects are pro-nonfarming households. The sum of the endowment and returns effects gives the estimated percentage income gap at each decile of the income distribution.

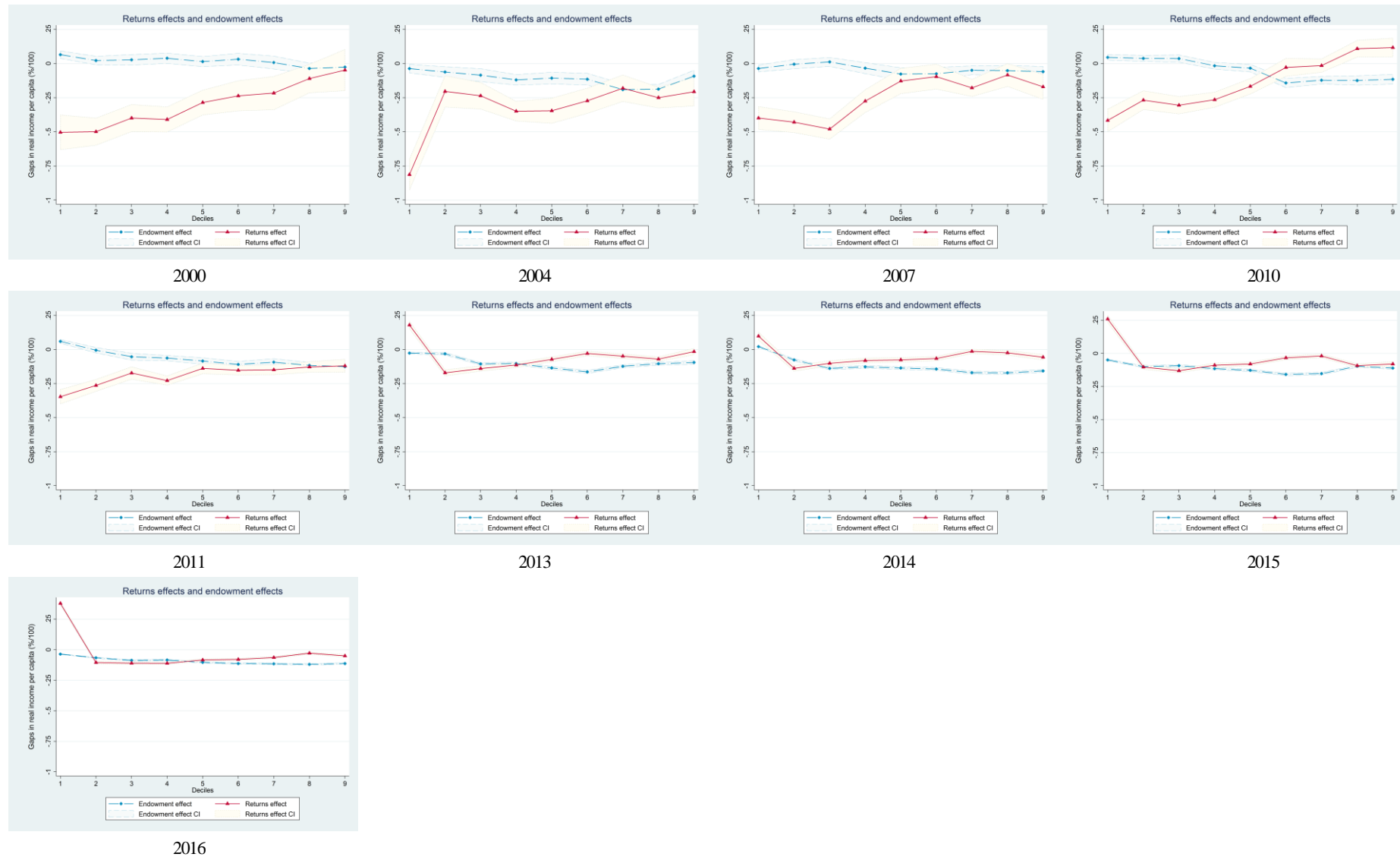


Fig. A.3. Endowment and returns effects: labor income, female vs. male headed hh. (% differences in income)

Notes: Author's analysis of LIS data. The endowment and returns effects show the percentage income gaps ($\times 100$) due to, respectively, differentials in the endowments of all measurable characteristics, and differentials in the returns to all measurable characteristics and other unmeasured differentials. Regression specifications control

for head demographics (age, age², marital status), education (years attained, binary edu. levels), employment (binary empl. status, sector indicators, engagement in farming), household composition (size, % children, % elderly, hh. comp. types), and residence (urban/rural, region indicators). Negative effects are pro-male headed households. The sum of the endowment and returns effects gives the estimated percentage income gap at each decile of the income distribution.

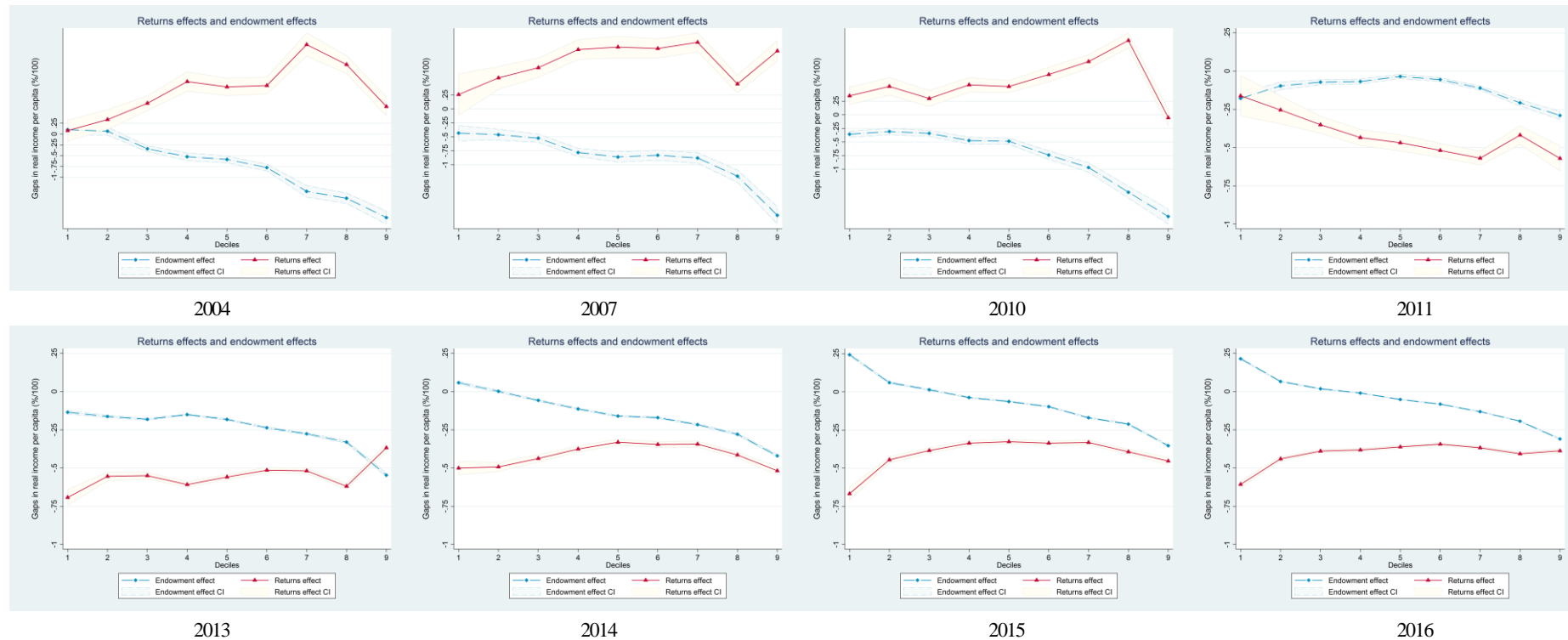


Fig. A.4. Endowment and returns effects: home production for own cons., rural vs. urban residence. (% differences in income)

Notes: Author's analysis of LIS data. Urban status unavailable in 2000. The endowment and returns effects show the percentage income gaps ($\times 100$) due to, respectively, differentials in the endowments of all measurable characteristics, and differentials in the returns to all measurable characteristics and other unmeasured differentials. Regression specifications control for head demographics (sex, age, age², marital status), education (years attained, binary edu. levels), employment (binary empl. status, sector indicators, engagement in farming), household composition (size, % children, % elderly, hhd. composition type indicators), and residence (region indicators). Negative effects are pro-urban. The sum of the endowment and returns effects gives the estimated percentage income gap at each decile of the income distribution.

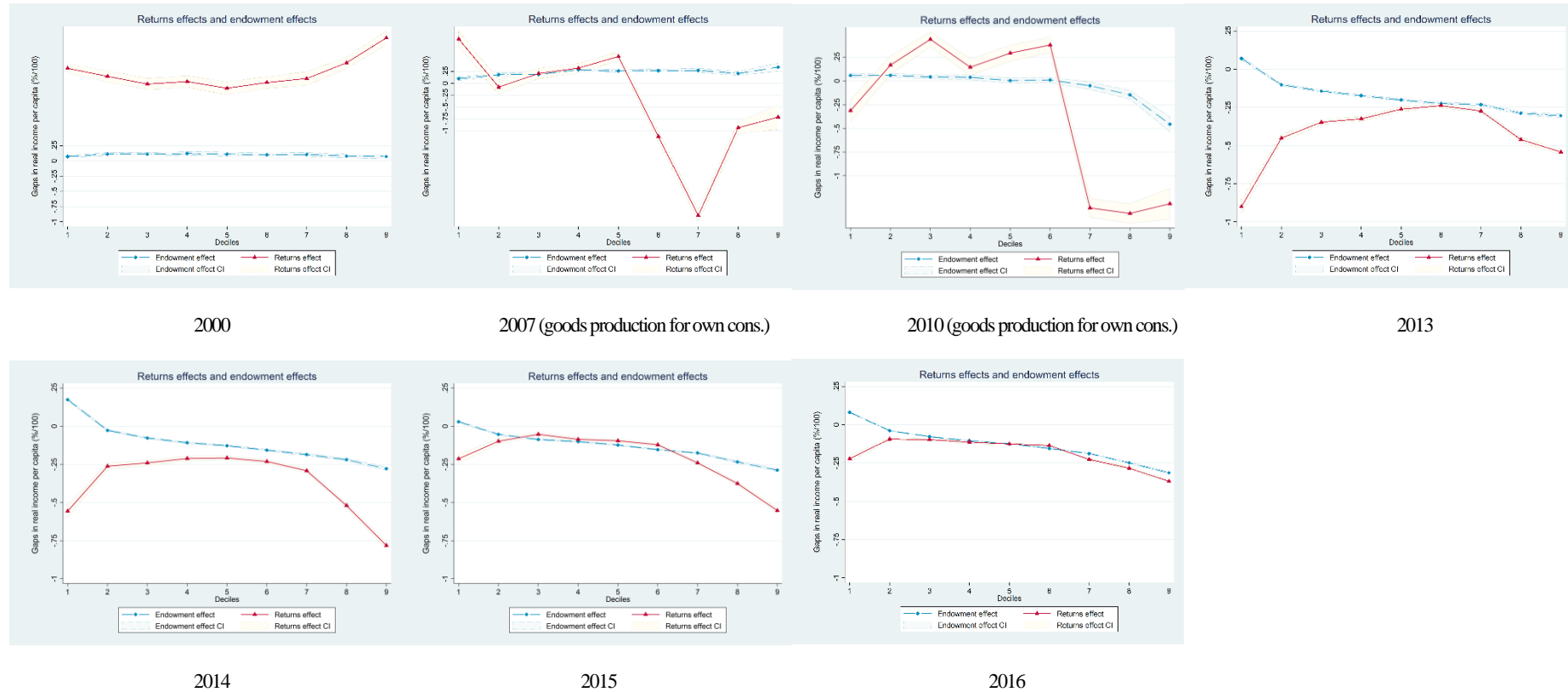


Fig. A.5. Endowment and returns effects: home production for own cons., farming vs. non-farming hh. (% differences in income)

Notes: Author's analysis of LIS data. Because of small sample sizes and joint distributions among variables, analysis was not performed in 2004 and 2011; In 2007 and 2010, analysis was performed only on home goods-production for own consumption, omitting owner-occupied imputed rent and use value of durables. The endowment and returns effects show the percentage income gaps ($\times 100$) due to, respectively, differentials in the endowments of all measurable characteristics, and differentials in the returns to all measurable characteristics and other unmeasured differentials. Regression specifications control for head demographics (sex, age, age², marital status), education (years attained, binary edu. levels), employment (binary empl. status, sector indicators), household composition (size, % children, % elderly, hhd. composition type indicators), and residence (urban/rural, region indicators). Negative effects are pro-nonfarming households. The sum of the endowment and returns effects gives the estimated percentage income gap at each decile of the income distribution.

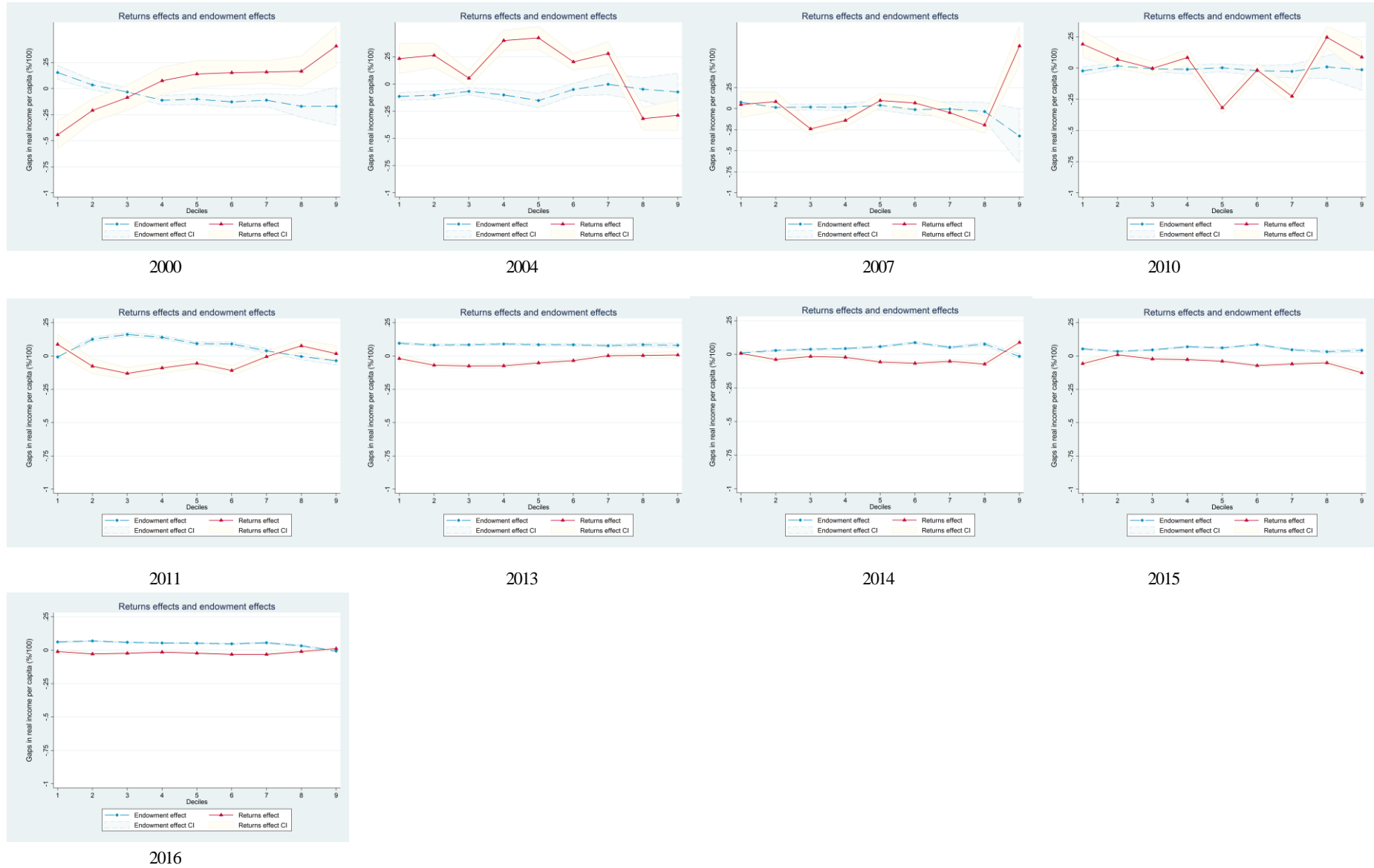
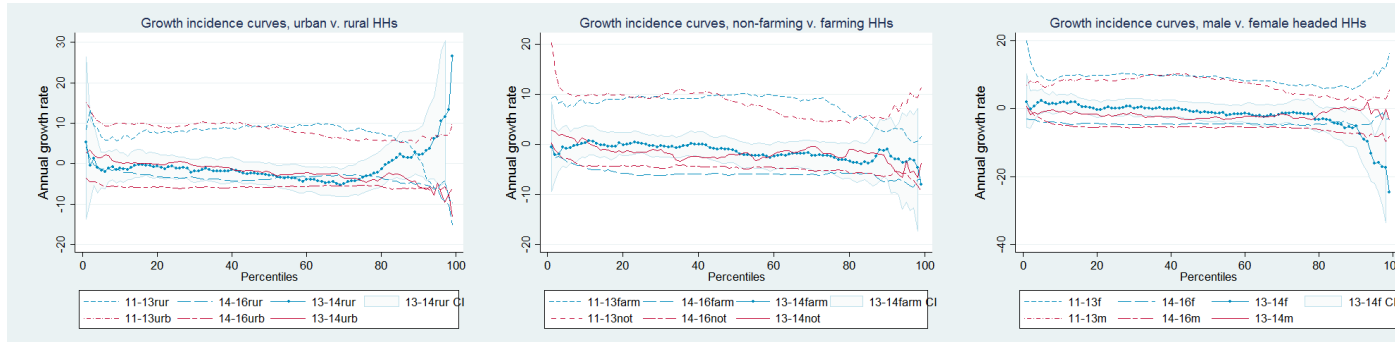


Fig. A.6. Endowment and returns effects: home production for own cons., female vs. male headed hh. (% differences in income)

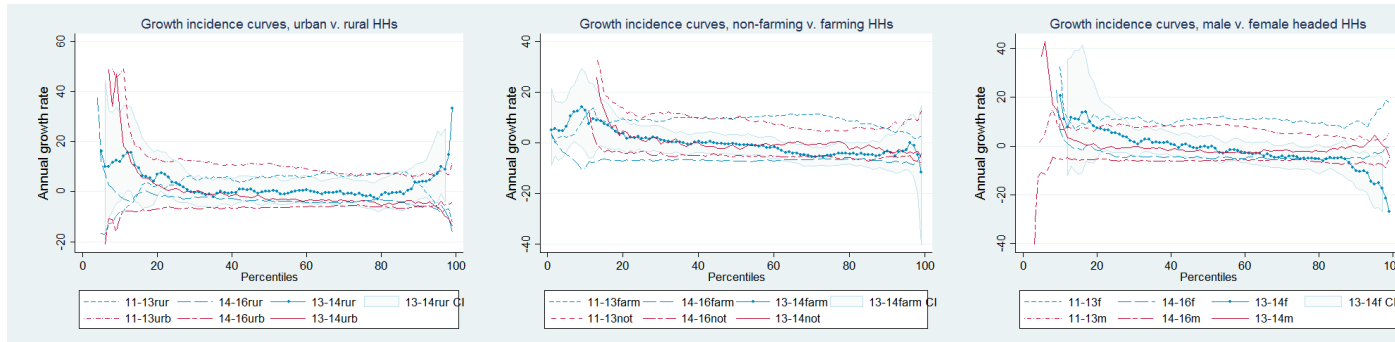
Notes: Author's analysis of LIS data. The endowment and returns effects show the percentage income gaps ($\times 100$) due to, respectively, differentials in the endowments of all measurable characteristics, and differentials in the returns to all measurable characteristics and other unmeasured differentials. Regression specifications control for head demographics (age, age², marital status), education (years attained, binary edu. levels), employment (binary empl. status, sector indicators, engagement in farming), household composition (size, % children, % elderly, hhd. composition type indicators), and residence (urban/rural, region indicators). Negative effects are pro-male headed households. The sum of the endowment and returns effects gives the estimated percentage income gap at each decile of the income distribution.



i. Disposable household income, Rural/urban households

ii. Farming/non-farming households

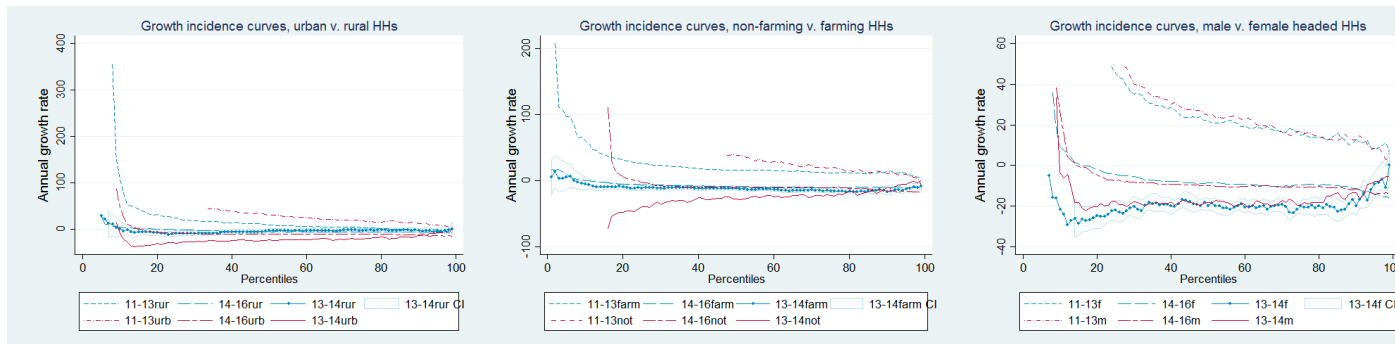
iii. Female/male hhds



iv. Household labor income, Rural/urban households

v. Farming/non-farming households

vi. Female/male hhds.



vii. Home production for own cons., Rural/urban households

viii. Farming/non-farming households

ix. Female/male hhds

Fig. A.7. Quasi difference, in difference analysis of growth incidence curves, different income concepts per adult equivalent.

Table A.1. Distribution of real income per adult equivalent. (2016 Russian rubles)

Labor – home prod

Income ref. year	GDP deflator	Hhds.	Avg. inc. (₽)	Median inc. (₽)	Gini	75/25% Ratio	90/10% Ratio	GE(0)	GE(2)	Atkinson(0.5)	Atkinson(2)
<i>Labor earnings</i>											
RLMS 2000		2,629	117,002	81,813	49.22 (0.92)	3.69	16.35	52.86	77.46	21.00	81.89
2004		2,546	186,696	142,772	46.27 (0.66)	3.46	16.39	51.94	44.22	18.92	89.95
2007		2,731	258,867	218,586	40.71 (0.58)	3.07	10.82	40.02	30.87	14.87	85.25
2010		4,722	293,739	240,991	41.47 (0.52)	2.96	9.97	40.48	35.34	15.30	86.02
PIS 2011		8,697	448,382	340,470	44.34 (0.61)	3.24	12.59	45.23	40.60	17.14	85.64
2013		38,297	520,182	410,755	43.70 (0.67)	3.10	11.52	44.98	42.00	16.93	90.20
2014		38,433	500,219	399,723	42.43 (0.40)	3.04	10.45	42.05	36.60	15.90	83.27
2015		50,779	462,686	373,674	41.56 (0.36)	2.98	9.80	39.69	33.93	15.18	80.45
2016		134,781	443,877	356,642	42.20 (0.32)	3.00	10.03	41.31	37.17	15.74	81.30
<i>Home production for own consumption</i>											
RLMS 2000		1,820	24,590	13,823	55.26 (0.84)	4.96	21.84	64.02	78.97	25.37	80.58
2004		1,572	19,345	8,912	61.45 (0.88)	5.94	31.98	80.02	112.44	31.22	84.59
2007		1,661	24,831	12,244	59.62 (0.98)	4.92	24.93	73.12	107.85	29.33	88.06
2010		2,518	27,899	12,407	62.62 (0.81)	5.26	28.39	80.86	125.97	32.28	84.31
PIS 2011		8,180	101,574	72,539	47.21 (0.60)	3.52	13.83	48.75	51.74	19.07	86.23
2013		41,124	128,314	101,830	40.48 (0.25)	2.86	8.66	34.29	31.43	13.89	72.80
2014		40,441	108,175	82,403	42.93 (0.27)	2.83	9.59	37.43	39.33	15.49	70.56
2015		54,519	96,089	73,803	41.17 (0.27)	2.64	7.93	33.56	37.52	14.21	65.93
2016		146,255	85,077	66,600	40.55 (0.17)	2.70	8.06	32.49	33.08	13.72	63.58

Notes: Samples weighted using analytical weights and count of household members. Gini, GE and Atkinson inequality indexes multiplied by 100 for clarity. Adult equivalence scale is square root of household members. Results may differ from statistics reported by LIS because an older version of data may have been used.

Source: Author's analysis of LIS data; GDP deflators from World Bank (2015a).

Table A.2. Cross-group decomposition of Gini.

Income ref. year	Rural	Urban	pure between- group contrib. to Gini (%)	Farm	Nonfarm	pure betw.- group contrib. to Gini (%)	Female	Male	pure betw.- group contrib. to Gini (%)	Services	Industry	pure betw.- group contrib. to Gini (%)
<i>Labor earnings</i>												
RLMS 2000	--	--	--	47.7	60.5**	17.0	56.7	50.8**	17.9	--	--	--
2004	52.8	50.8	11.1	50.2	53.3*	5.7	57.2	45.9**	23.0	42.0	37.0**	64.4
2007	47.1	46.2	8.4	44.4	48.8**	4.6	53.2	40.7**	21.0	37.4	32.9**	60.1
2010	46.6	46.5	7.3	45.0	48.3**	3.7	53.4	41.2**	18.5	37.8	33.5**	56.4
PIS 2011	49.1	45.5**	18.5	48.1	46.6	8.5	51.9	43.4**	21.4	40.2	35.4**	49.9
2013	46.3	44.4**	22.5	46.7	46.1	9.0	53.5	41.9**	14.9	39.9	35.2**	45.9
2014	48.0	42.6**	20.7	44.7	45.2	11.2	49.8	41.7**	19.1	38.1	34.8**	44.9
2015	45.4	42.0**	21.6	43.0	44.6*	13.2	48.4	40.9**	18.3	37.9	34.2**	42.5
2016	45.9	43.1**	20.2	45.0	44.4	12.3	49.9	41.4**	17.8	38.0	34.6**	41.4
<i>Home production for own consumption</i>												
RLMS 2000	--	--	--	49.3	85.0**	69.3	72.7	71.7	13.3	--	--	--
2004	65.7	81.9**	51.1	66.3	99.7**	52.0	80.7	79.8	2.0	81.4	78.3*	57.8
2007	66.3	83.6**	48.8	63.9	99.6**	58.5	81.6	80.3	2.8	81.3	81.7	47.6
2010	68.7	87.7**	45.1	67.7	99.7**	58.5	84.5	82.8	5.8	85.2	82.8*	43.2
PIS 2011	48.2	54.7**	13.4	46.6	60.6**	3.8	53.0	54.9	4.2	55.5	52.7	48.0
2013	39.3	42.7**	24.8	41.3	47.4**	9.7	45.1	44.6	4.6	45.5	42.6	50.5
2014	40.7	46.7**	18.9	40.9	52.7**	6.2	47.3	46.8	3.0	47.5	46.0	47.1
2015	38.3	45.3**	16.7	38.2	51.0**	3.8	44.2	45.3*	2.9	46.1	43.3**	45.8
2016	38.4	44.4**	15.5	38.9	49.0**	2.2	43.9	44.3	4.3	45.3	42.8**	46.8

Notes: ** Difference significant at 5%, * 10%, two-sided test. Samples weighted using analytical weights and count of household members. ‘--’ unavailable.

Source: Author’s analysis of LIS data.

Table A.3. Quantile decomposition of labor income gaps by rural/urban residence: estimates at the median.

	2004	2007	2010	2011	2013	2014	2015	2016
Rural	11.81*** (0.10)	12.28*** (0.06)	12.31*** (0.04)	12.57*** (0.03)	12.71*** (0.01)	12.69*** (0.01)	12.61*** (0.01)	12.59*** (0.01)
Urban	12.12*** (0.04)	12.51*** (0.03)	12.61*** (0.02)	12.99*** (0.01)	13.16*** (0.01)	13.12*** (0.01)	13.04*** (0.01)	13.00*** (0.00)
Overall gap	-0.32*** (0.11)	-0.23*** (0.07)	-0.31*** (0.05)	-0.42*** (0.03)	-0.45*** (0.01)	-0.43*** (0.01)	-0.43*** (0.01)	-0.41*** (0.01)
Endowments	-0.02 (0.20)	-0.12 (0.10)	-0.20*** (0.06)	-0.26*** (0.04)	-0.31*** (0.02)	-0.30*** (0.02)	-0.28*** (0.02)	-0.31*** (0.01)
Constant (Unexplained)	0.12 (2.55)	-0.35 (1.15)	0.64 (1.20)	0.14 (0.79)	-0.55* (0.29)	0.33 (0.34)	-0.12 (0.32)	-0.32 (0.22)
Returns on endow.+Constant	-0.30 (0.22)	-0.11 (0.12)	-0.11 (0.08)	-0.15*** (0.04)	-0.13*** (0.02)	-0.13*** (0.02)	-0.15*** (0.02)	-0.10*** (0.01)
Endowments Effects								
Demographics of hhd. head	0.05 (0.04)	0.01 (0.02)	0.00 (0.01)	0.01 (0.01)	0.00 (0.00)	0.00 (0.00)	0.008** (0.00)	0.004*** (0.00)
Head education	0.03 (0.06)	-0.03 (0.03)	-0.05*** (0.02)	-0.03* (0.02)	-0.10*** (0.01)	-0.11*** (0.01)	-0.08*** (0.01)	-0.09*** (0.00)
Head employment	-0.03 (0.17)	-0.09 (0.10)	-0.13** (0.06)	-0.17*** (0.03)	-0.10*** (0.01)	-0.06*** (0.01)	-0.05*** (0.01)	-0.10*** (0.01)
Household composition	0.00 (0.06)	-0.01 (0.03)	0.00 (0.02)	-0.02 (0.01)	-0.03*** (0.01)	-0.04*** (0.01)	-0.05*** (0.01)	-0.05*** (0.00)
Administr. region	-0.07 (0.10)	-0.02 (0.03)	-0.01 (0.02)	-0.05*** (0.01)	-0.09*** (0.01)	-0.10*** (0.01)	-0.10*** (0.01)	-0.08*** (0.00)
Returns Effects								
Demographics of hhd. head	0.68 (1.32)	-0.13 (0.79)	-0.26 (0.56)	-0.04 (0.38)	-0.16 (0.17)	-0.03 (0.18)	0.09 (0.15)	-0.06 (0.09)
Head education	-0.91 (2.10)	-0.52 (0.81)	-0.92 (1.04)	-0.79 (0.67)	0.54** (0.22)	-0.04 (0.27)	0.44* (0.27)	0.05 (0.20)
Head employment	0.17 (0.45)	0.27 (0.33)	-0.05 (0.21)	0.03 (0.16)	-0.16** (0.07)	-0.33*** (0.07)	-0.40*** (0.07)	0.22*** (0.03)
Household composition	-0.60 (0.64)	0.03 (0.44)	0.06 (0.27)	0.23 (0.17)	0.09 (0.07)	-0.15** (0.07)	-0.21*** (0.06)	-0.11*** (0.03)
Administr. region	0.25 (0.37)	0.60*** (0.18)	0.41*** (0.13)	0.28*** (0.09)	0.11*** (0.03)	0.10*** (0.03)	0.05** (0.02)	0.11*** (0.01)
Observations	1,259	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.4. Quantile decomposition of labor income gaps by rural/urban residence: estimates at the 20th percentile.

	2004	2007	2010	2011	2013	2014	2015	2016
Rural	11.03*** (0.07)	11.88*** (0.08)	12.07*** (0.07)	12.26*** (0.04)	12.38*** (0.02)	12.27*** (0.01)	12.25*** (0.01)	12.23*** (0.01)
Urban	11.53*** (0.04)	11.93*** (0.04)	12.04*** (0.03)	12.36*** (0.02)	12.58*** (0.01)	12.56*** (0.01)	12.48*** (0.01)	12.44*** (0.00)
Overall gap	-0.50*** (0.08)	-0.05 (0.09)	0.03 (0.07)	-0.11*** (0.04)	-0.19*** (0.02)	-0.29*** (0.02)	-0.23*** (0.01)	-0.21*** (0.01)
Endowments	0.02 (0.14)	-0.11 (0.14)	-0.02 (0.10)	-0.20*** (0.05)	-0.17*** (0.02)	-0.13*** (0.02)	-0.11*** (0.02)	-0.12*** (0.01)
Constant (Unexplained)	-4.19** (2.06)	2.37 (1.57)	2.06 (1.79)	-1.64 (1.00)	0.00 (0.40)	1.01** (0.45)	0.81* (0.43)	-0.54* (0.29)
Returns on endow.+Constant	-0.52*** (0.16)	0.06 (0.16)	0.05 (0.12)	0.09 (0.06)	-0.02 (0.03)	-0.17*** (0.02)	-0.12*** (0.02)	-0.09*** (0.01)
Endowments Effects								
Demographics of hhd. head	0.08** (0.04)	-0.02 (0.04)	0.00 (0.02)	0.04** (0.02)	0.00 (0.00)	0.008** (0.00)	0.00 (0.00)	0.00 (0.00)
Head education	0.03 (0.04)	-0.02 (0.04)	-0.05 (0.03)	-0.06** (0.03)	-0.04*** (0.01)	-0.04*** (0.01)	-0.04*** (0.01)	-0.05*** (0.01)
Head employment	-0.07 (0.12)	0.01 (0.13)	0.06 (0.09)	-0.04 (0.05)	-0.06*** (0.02)	-0.01 (0.02)	0.02 (0.02)	-0.03*** (0.01)
Household composition	0.03 (0.04)	-0.08** (0.04)	-0.07* (0.04)	-0.10*** (0.02)	-0.03*** (0.01)	-0.03*** (0.01)	-0.03*** (0.01)	-0.02*** (0.00)
Administr. region	-0.05 (0.07)	0.00 (0.04)	0.04 (0.04)	-0.04** (0.02)	-0.04*** (0.01)	-0.05*** (0.01)	-0.06*** (0.01)	-0.03*** (0.00)
Returns Effects								
Demographics of hhd. head	0.83 (1.00)	-1.47 (1.06)	-0.62 (0.86)	0.05 (0.52)	0.13 (0.23)	-0.43** (0.22)	-0.13 (0.20)	-0.36*** (0.11)
Head education	2.47 (1.72)	-1.22 (1.11)	-0.42 (1.54)	2.16*** (0.83)	-0.13 (0.30)	-0.74** (0.38)	-0.67* (0.37)	0.13 (0.26)
Head employment	0.77* (0.40)	0.58 (0.45)	-0.72** (0.32)	-0.36* (0.21)	-0.5*** (0.10)	-0.44*** (0.09)	-0.53*** (0.09)	0.16*** (0.04)
Household composition	-0.54 (0.48)	-0.38 (0.60)	-0.56 (0.41)	-0.39 (0.24)	0.35*** (0.09)	0.24*** (0.08)	0.31*** (0.07)	0.35*** (0.04)
Administr. region	0.15 (0.27)	0.18 (0.24)	0.30 (0.20)	0.27** (0.13)	0.17*** (0.04)	0.19*** (0.03)	0.09*** (0.03)	0.18*** (0.02)
Observations	1,260	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.5. Quantile decomposition of labor income gaps by rural/urban residence: estimates at the 80th percentile.

	2004	2007	2010	2011	2013	2014	2015	2016
Rural	12.37*** (0.06)	12.85*** (0.08)	12.77*** (0.06)	13.03*** (0.03)	13.21*** (0.01)	13.20*** (0.01)	13.14*** (0.01)	13.13*** (0.01)
Urban	12.73*** (0.04)	12.98*** (0.03)	13.10*** (0.02)	13.55*** (0.01)	13.70*** (0.01)	13.64*** (0.01)	13.57*** (0.01)	13.52*** (0.00)
Overall gap	-0.36*** (0.07)	-0.14* (0.08)	-0.34*** (0.06)	-0.53*** (0.03)	-0.49*** (0.01)	-0.44*** (0.02)	-0.43*** (0.01)	-0.39*** (0.01)
Endowments	0.01 (0.13)	-0.20 (0.13)	-0.22*** (0.08)	-0.37*** (0.03)	-0.34*** (0.02)	-0.38*** (0.02)	-0.28*** (0.02)	-0.35*** (0.01)
Constant (Unexplained)	-1.30 (1.84)	-1.42 (1.39)	0.92 (1.43)	0.00 (0.76)	-1.02*** (0.31)	-0.19 (0.38)	-0.43 (0.35)	0.09 (0.24)
Returns on endow.+Constant	-0.37*** (0.14)	0.06 (0.15)	-0.12 (0.10)	-0.16*** (0.04)	-0.15*** (0.02)	-0.06*** (0.02)	-0.15*** (0.02)	-0.04*** (0.01)
Endowments Effects								
Demographics of hhd. head	0.00 (0.02)	0.02 (0.03)	0.00 (0.01)	0.00 (0.01)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Head education	-0.02 (0.04)	-0.05 (0.04)	-0.03 (0.02)	-0.02 (0.02)	-0.11*** (0.01)	-0.13*** (0.01)	-0.10*** (0.01)	-0.07*** (0.00)
Head employment	-0.02 (0.11)	-0.14 (0.13)	-0.14* (0.08)	-0.26*** (0.03)	-0.09*** (0.01)	-0.11*** (0.01)	-0.04*** (0.01)	-0.14*** (0.01)
Household composition	0.04 (0.03)	-0.01 (0.03)	0.02 (0.03)	-0.02* (0.01)	-0.02*** (0.01)	-0.03*** (0.01)	-0.03*** (0.01)	-0.03*** (0.00)
Administr. region	0.00 (0.07)	-0.02 (0.04)	-0.07** (0.03)	-0.06*** (0.01)	-0.11*** (0.01)	-0.11*** (0.01)	-0.11*** (0.01)	-0.11*** (0.00)
Returns Effects								
Demographics of hhd. head	0.44 (0.90)	0.90 (0.99)	0.52 (0.70)	-0.43 (0.37)	0.56*** (0.18)	0.13 (0.19)	0.10 (0.17)	0.07 (0.10)
Head education	-0.51 (1.53)	-0.43 (0.96)	-1.91 (1.22)	-0.29 (0.65)	0.28 (0.23)	0.16 (0.31)	0.66** (0.30)	-0.18 (0.21)
Head employment	-0.14 (0.36)	0.03 (0.38)	-0.19 (0.25)	0.56*** (0.16)	-0.14* (0.08)	-0.39*** (0.08)	-0.39*** (0.08)	0.05 (0.04)
Household composition	0.19 (0.43)	0.13 (0.56)	0.12 (0.34)	0.04 (0.16)	-0.01 (0.07)	0.07 (0.07)	-0.22*** (0.06)	-0.17*** (0.04)
Administr. region	0.94*** (0.24)	0.87*** (0.22)	0.41** (0.17)	-0.04 (0.09)	0.17*** (0.03)	0.17*** (0.03)	0.13*** (0.03)	0.12*** (0.02)
Observations	1,260	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.6. Quantile decomposition of gaps in home production for own use by rural/urban residence: estimates at the median

	2004	2007	2010	2011	2013	2014	2015	2016
Rural	10.11*** (0.11)	10.16*** (0.11)	10.07*** (0.06)	11.07*** (0.03)	11.06*** (0.01)	11.06*** (0.01)	11.02*** (0.01)	10.90*** (0.01)
Urban	9.60*** (0.04)	9.92*** (0.03)	10.03*** (0.02)	11.57*** (0.02)	11.80*** (0.01)	11.55*** (0.01)	11.41*** (0.01)	11.31*** (0.00)
Overall gap	0.50*** (0.12)	0.25** (0.12)	0.03 (0.07)	-0.50*** (0.03)	-0.74*** (0.01)	-0.49*** (0.01)	-0.39*** (0.01)	-0.41*** (0.01)
Endowments	-0.59** (0.24)	-0.86*** (0.21)	-0.49*** (0.10)	-0.03 (0.04)	-0.18*** (0.01)	-0.16*** (0.01)	-0.06*** (0.01)	-0.05*** (0.01)
Constant (Unexplained)	-0.12 (2.84)	2.11 (3.08)	-2.45* (1.40)	-0.75 (0.93)	-1.09*** (0.24)	-1.46*** (0.33)	-1.24*** (0.29)	-1.30*** (0.22)
Returns on endow.+Constant	1.09*** (0.26)	1.11*** (0.22)	0.52*** (0.11)	-0.47*** (0.05)	-0.56*** (0.02)	-0.33*** (0.02)	-0.33*** (0.01)	-0.36*** (0.01)
Endowments Effects								
Demographics of hhd. head	0.02 (0.04)	0.01 (0.02)	0.02 (0.01)	-0.01 (0.01)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.005*** (0.00)
Head education	-0.02 (0.06)	-0.04 (0.06)	0.01 (0.02)	-0.05** (0.02)	-0.04*** (0.01)	-0.02** (0.01)	-0.03*** (0.01)	-0.03*** (0.00)
Head employment	-0.62*** (0.21)	-0.64*** (0.18)	-0.56*** (0.09)	0.05 (0.04)	-0.04*** (0.01)	-0.07*** (0.01)	0.02* (0.01)	0.06*** (0.01)
Household composition	0.07 (0.06)	0.01 (0.05)	0.02 (0.03)	0.00 (0.01)	-0.03*** (0.00)	-0.02*** (0.00)	-0.02*** (0.00)	-0.02*** (0.00)
Administr. region	-0.04 (0.11)	-0.20** (0.08)	0.03 (0.03)	-0.02 (0.01)	-0.07*** (0.01)	-0.05*** (0.01)	-0.03*** (0.01)	-0.06*** (0.00)
Returns Effects								
Demographics of hhd. head	0.83 (1.48)	-0.29 (1.30)	1.06 (0.74)	-0.31 (0.44)	0.08 (0.14)	0.69*** (0.16)	0.44*** (0.13)	0.46*** (0.09)
Head education	0.31 (2.37)	-1.16 (2.72)	1.33 (1.16)	-0.09 (0.80)	0.22 (0.18)	-0.21 (0.27)	0.11 (0.25)	0.20 (0.20)
Head employment	-0.66 (0.45)	0.29 (0.35)	0.33 (0.20)	-0.43** (0.19)	-0.26*** (0.06)	0.05 (0.05)	-0.38*** (0.06)	-0.28*** (0.04)
Household composition	0.63 (0.75)	0.71 (0.77)	-0.05 (0.37)	0.71*** (0.20)	0.34*** (0.05)	0.32*** (0.06)	0.35*** (0.05)	0.24*** (0.03)
Administr. region	0.10 (0.38)	-0.55** (0.28)	0.30* (0.18)	0.40*** (0.11)	0.15*** (0.02)	0.28*** (0.03)	0.40*** (0.02)	0.31*** (0.01)
Observations	1,260	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.7. Quantile decomposition of gaps in home production for own use by rural/urban residence: estimates at the 20th percentile.

	2004	2007	2010	2011	2013	2014	2015	2016
Rural	8.76*** (0.13)	8.87*** (0.12)	8.95*** (0.09)	10.29*** (0.05)	10.45*** (0.02)	10.36*** (0.02)	10.39*** (0.01)	10.26*** (0.01)
Urban	8.36*** (0.04)	8.78*** (0.04)	8.73*** (0.02)	10.64*** (0.02)	11.17*** (0.01)	10.85*** (0.01)	10.77*** (0.01)	10.63*** (0.00)
Overall gap	0.40*** (0.13)	0.10 (0.12)	0.22** (0.09)	-0.35*** (0.05)	-0.72*** (0.02)	-0.49*** (0.02)	-0.38*** (0.01)	-0.37*** (0.01)
Endowments	0.07 (0.27)	-0.46** (0.21)	-0.31** (0.13)	-0.10 (0.07)	-0.16*** (0.02)	0.00 (0.02)	0.06*** (0.02)	0.07*** (0.01)
Constant (Unexplained)	1.22 (3.26)	1.41 (3.54)	-6.64*** (2.01)	-1.49 (1.48)	-1.60*** (0.39)	-0.67 (0.51)	0.13 (0.43)	-0.55* (0.32)
Returns on endow.+Constant	0.34 (0.30)	0.56** (0.24)	0.52*** (0.16)	-0.25*** (0.08)	-0.55*** (0.03)	-0.49*** (0.03)	-0.45*** (0.02)	-0.44*** (0.01)
Endowments Effects								
Demographics of hhd. head	-0.01 (0.05)	0.04 (0.03)	0.02 (0.02)	-0.035** (0.02)	-0.008** (0.00)	-0.01** (0.00)	0.00 (0.00)	0.004** (0.00)
Head education	0.04 (0.07)	0.04 (0.06)	0.03 (0.04)	-0.02 (0.04)	-0.08*** (0.01)	-0.02** (0.01)	-0.034*** (0.01)	-0.04*** (0.01)
Head employment	-0.22 (0.24)	-0.37** (0.19)	-0.52*** (0.13)	-0.04 (0.06)	-0.04** (0.02)	0.07*** (0.02)	0.11*** (0.02)	0.17*** (0.01)
Household composition	0.03 (0.06)	-0.08 (0.05)	0.04 (0.05)	0.03 (0.02)	-0.02*** (0.01)	0.00 (0.01)	-0.01*** (0.01)	-0.02*** (0.00)
Administr. region	0.23* (0.13)	-0.09 (0.09)	0.12** (0.05)	-0.03 (0.02)	-0.01 (0.01)	-0.04*** (0.01)	0.00 (0.01)	-0.05*** (0.01)
Returns Effects								
Demographics of hhd. head	-1.12 (1.69)	0.33 (1.40)	2.49** (1.06)	-0.87 (0.74)	-0.02 (0.23)	0.60** (0.25)	0.31 (0.19)	0.29** (0.12)
Head education	1.03 (2.71)	-0.11 (3.19)	3.25* (1.68)	1.84 (1.25)	0.74** (0.30)	-0.65 (0.43)	-0.97*** (0.38)	0.11 (0.29)
Head employment	-0.43 (0.52)	-0.06 (0.37)	0.72** (0.29)	-0.88*** (0.31)	-0.27*** (0.10)	-0.25*** (0.08)	-0.49*** (0.10)	-0.55*** (0.06)
Household composition	-0.81 (0.86)	-0.53 (0.82)	-0.09 (0.52)	1.06*** (0.34)	0.51*** (0.09)	0.31*** (0.09)	0.30*** (0.07)	0.12*** (0.05)
Administr. region	0.45 (0.44)	-0.49 (0.30)	0.81*** (0.26)	0.08 (0.18)	0.09** (0.04)	0.16*** (0.04)	0.28*** (0.03)	0.14*** (0.02)
Observations	1,260	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.8. Quantile decomposition of gaps in home production for own use by rural/urban residence: estimates at the 80th percentile.

	2004	2007	2010	2011	2013	2014	2015	2016
Rural	11.36*** (0.12)	11.33*** (0.10)	11.67*** (0.09)	11.85*** (0.03)	11.61*** (0.01)	11.64*** (0.01)	11.57*** (0.01)	11.46*** (0.01)
Urban	11.24*** (0.05)	12.08*** (0.06)	11.73*** (0.03)	12.48*** (0.02)	12.56*** (0.01)	12.33*** (0.01)	12.18*** (0.01)	12.06*** (0.00)
Overall gap	0.12 (0.13)	-0.76*** (0.12)	-0.06 (0.10)	-0.63*** (0.04)	-0.95*** (0.01)	-0.69*** (0.01)	-0.60*** (0.01)	-0.60*** (0.01)
Endowments	-1.48*** (0.25)	-1.20*** (0.17)	-1.42*** (0.13)	-0.21*** (0.05)	-0.33*** (0.01)	-0.28*** (0.01)	-0.21*** (0.01)	-0.19*** (0.01)
Constant (Unexplained)	-0.78 (2.95)	2.09 (3.20)	-2.63 (1.74)	-1.69 (1.07)	-1.72*** (0.31)	-2.15*** (0.42)	-2.11*** (0.37)	-2.25*** (0.27)
Returns on endow.+Constant	1.61*** (0.27)	0.45** (0.18)	1.37*** (0.14)	-0.42*** (0.06)	-0.62*** (0.02)	-0.42*** (0.02)	-0.39*** (0.02)	-0.41*** (0.01)
Endowments Effects								
Demographics of hhd. head	0.04 (0.04)	0.02 (0.02)	0.00 (0.01)	-0.02 (0.01)	0.00 (0.00)	0.00 (0.00)	0.005** (0.00)	0.005*** (0.00)
Head education	-0.03 (0.07)	-0.07 (0.05)	0.01 (0.03)	-0.01 (0.02)	-0.05*** (0.01)	0.00 (0.01)	-0.01 (0.01)	-0.011*** (0.00)
Head employment	-1.24*** (0.23)	-1.02*** (0.15)	-1.36*** (0.12)	-0.16*** (0.04)	-0.12*** (0.01)	-0.16*** (0.01)	-0.12*** (0.01)	-0.07*** (0.01)
Household composition	0.01 (0.05)	-0.02 (0.04)	0.01 (0.04)	0.01 (0.02)	-0.03*** (0.00)	-0.03*** (0.00)	-0.03*** (0.00)	-0.03*** (0.00)
Administr. region	-0.27** (0.12)	-0.11* (0.06)	-0.08* (0.04)	-0.03* (0.02)	-0.14*** (0.01)	-0.08*** (0.01)	-0.06*** (0.01)	-0.08*** (0.00)
Returns Effects								
Demographics of hhd. head	1.77 (1.53)	1.19 (1.12)	1.45 (0.93)	-0.47 (0.51)	0.41** (0.17)	0.83*** (0.19)	0.88*** (0.16)	1.11*** (0.10)
Head education	-0.03 (2.46)	-2.36 (2.97)	1.02 (1.45)	0.61 (0.91)	0.17 (0.25)	-0.19 (0.36)	0.21 (0.32)	0.07 (0.25)
Head employment	-0.50 (0.46)	-0.61** (0.29)	0.88*** (0.25)	-0.10 (0.22)	-0.49*** (0.09)	0.19*** (0.06)	-0.42*** (0.08)	-0.20*** (0.05)
Household composition	1.19 (0.78)	0.17 (0.65)	0.49 (0.46)	0.87*** (0.23)	0.47*** (0.07)	0.28*** (0.07)	0.29*** (0.06)	0.22*** (0.04)
Administr. region	-0.04 (0.39)	-0.04 (0.24)	0.16 (0.23)	0.36*** (0.12)	0.54*** (0.03)	0.63*** (0.03)	0.75*** (0.02)	0.64*** (0.02)
Observations	1,260	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.9. Quantile decomposition of labor income gaps by farming/non-farming household: estimates at the median.

	2000	2004	2007	2010	2011	2013	2014	2015	2016
Farming	11.63*** (0.05)	12.09*** (0.06)	12.41*** (0.04)	12.50*** (0.03)	12.79*** (0.02)	12.98*** (0.01)	12.95*** (0.01)	12.87*** (0.01)	12.82*** (0.00)
Non-farming	11.51*** (0.06)	12.07*** (0.04)	12.53*** (0.04)	12.60*** (0.02)	12.98*** (0.02)	13.12*** (0.01)	13.11*** (0.01)	13.04*** (0.01)	13.00*** (0.00)
Overall gap	0.13* (0.07)	0.02 (0.07)	-0.12** (0.05)	-0.10*** (0.04)	-0.18*** (0.03)	-0.14*** (0.01)	-0.16*** (0.01)	-0.17*** (0.01)	-0.18*** (0.01)
Endowments	-0.02 (0.04)	-0.16** (0.06)	-0.12*** (0.04)	-0.14*** (0.03)	-0.12*** (0.02)	-0.20*** (0.01)	-0.19*** (0.01)	-0.22*** (0.01)	-0.22*** (0.01)
Constant (Unexplained)	0.57 (2.37)	-1.78 (1.70)	1.28 (0.95)	-0.14 (0.96)	1.33 (1.15)	-0.11 (0.26)	0.07 (0.31)	0.28 (0.31)	-0.34 (0.22)
Returns on endow.+Constant	0.15** (0.08)	0.18** (0.08)	0.00 (0.06)	0.04 (0.04)	-0.07** (0.03)	0.06*** (0.01)	0.03*** (0.01)	0.06*** (0.01)	0.04*** (0.01)
Endowments Effects									
Demographics of hhd. head	-0.02 (0.03)	0.01 (0.03)	-0.04** (0.02)	-0.01 (0.01)	0.01 (0.01)	0.02*** (0.01)	0.00 (0.00)	0.02*** (0.00)	0.014*** (0.00)
Head education	0.00 (0.01)	0.01 (0.01)	-0.01 (0.01)	-0.011* (0.01)	-0.02*** (0.01)	-0.05*** (0.00)	-0.05*** (0.00)	-0.05*** (0.00)	-0.05*** (0.00)
Head employment	0.00 (0.01)	0.00 (0.02)	-0.04** (0.02)	-0.02* (0.01)	-0.05*** (0.01)	-0.03*** (0.00)	-0.03*** (0.00)	-0.04*** (0.00)	-0.04*** (0.00)
Household composition	0.08** (0.03)	0.04 (0.04)	0.05** (0.02)	0.04*** (0.02)	0.03** (0.01)	0.00 (0.01)	0.00 (0.01)	-0.02*** (0.01)	-0.02*** (0.00)
Administr. region	-0.08*** (0.03)	-0.24*** (0.05)	-0.09*** (0.03)	-0.14*** (0.02)	-0.08*** (0.01)	-0.13*** (0.01)	-0.12*** (0.01)	-0.14*** (0.01)	-0.13*** (0.00)
Returns Effects									
Demographics of hhd. head	-0.81 (0.94)	2.49*** (0.82)	-0.15 (0.57)	-0.25 (0.44)	-0.69** (0.31)	-0.01 (0.14)	-0.17 (0.14)	-0.69*** (0.13)	-0.25*** (0.08)
Head education	-0.04 (2.18)	-0.99 (1.42)	-1.07 (0.76)	0.22 (0.84)	-1.07 (1.10)	0.19 (0.21)	-0.10 (0.26)	0.46* (0.28)	0.39** (0.20)
Head employment	0.02 (0.14)	0.16 (0.18)	-0.11 (0.13)	-0.05 (0.10)	0.03 (0.14)	0.11* (0.06)	0.05 (0.06)	0.00 (0.04)	0.20*** (0.03)
Household composition	0.86 (0.55)	-0.11 (0.37)	-0.27 (0.29)	0.22 (0.20)	-0.04 (0.13)	-0.19*** (0.05)	0.07 (0.05)	-0.05 (0.05)	-0.09*** (0.03)
Administr. region	-0.46* (0.26)	0.40 (0.31)	0.31 (0.22)	0.03 (0.16)	0.37*** (0.09)	0.07** (0.03)	0.12*** (0.03)	0.05* (0.03)	0.11*** (0.02)
Observations	1,157	1,259	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.10. Quantile decomposition of labor income gaps by farming/non-farming household: estimates at the 20th percentile.

	2000	2004	2007	2010	2011	2013	2014	2015	2016
Farming	11.14*** (0.05)	11.96*** (0.08)	12.08*** (0.05)	12.13*** (0.04)	12.45*** (0.02)	12.59*** (0.01)	12.52*** (0.01)	12.42*** (0.01)	12.43*** (0.01)
Non-farming	10.76*** (0.07)	11.41*** (0.04)	11.88*** (0.05)	11.97*** (0.03)	12.32*** (0.02)	12.51*** (0.01)	12.50*** (0.01)	12.41*** (0.01)	12.39*** (0.01)
Overall gap	0.38*** (0.08)	0.55*** (0.09)	0.20*** (0.07)	0.16*** (0.05)	0.13*** (0.03)	0.08*** (0.02)	0.02 (0.02)	0.02 (0.01)	0.04*** (0.01)
Endowments	0.07 (0.05)	-0.08 (0.09)	-0.12** (0.06)	-0.08* (0.04)	-0.07*** (0.02)	-0.09*** (0.01)	-0.11*** (0.01)	-0.11*** (0.01)	-0.13*** (0.01)
Constant (Unexplained)	5.22* (2.75)	-2.11 (2.41)	-0.68 (1.33)	1.07 (1.26)	-2.66** (1.30)	0.59 (0.39)	-0.08 (0.44)	-0.32 (0.44)	-0.20 (0.29)
Returns on endow.+Constant	0.32*** (0.09)	0.65*** (0.12)	0.32*** (0.09)	0.23*** (0.06)	0.20*** (0.03)	0.17*** (0.02)	0.13*** (0.02)	0.12*** (0.01)	0.17*** (0.01)
Endowments Effects									
Demographics of hhd. head	-0.03 (0.03)	-0.02 (0.05)	-0.07*** (0.03)	0.00 (0.02)	0.02 (0.01)	-0.01 (0.01)	-0.01* (0.01)	0.01 (0.01)	0.00 (0.00)
Head education	0.00 (0.00)	0.00 (0.02)	0.00 (0.01)	-0.01 (0.01)	-0.02** (0.01)	-0.04*** (0.00)	-0.03*** (0.00)	-0.04*** (0.00)	-0.03*** (0.00)
Head employment	0.01 (0.01)	-0.02 (0.03)	-0.03 (0.02)	-0.02 (0.02)	-0.01 (0.01)	-0.03*** (0.01)	-0.02*** (0.01)	-0.02*** (0.01)	-0.03*** (0.00)
Household composition	0.13*** (0.04)	0.12** (0.06)	0.03 (0.03)	0.00 (0.02)	0.00 (0.01)	0.03*** (0.01)	0.01 (0.01)	0.00 (0.01)	-0.01 (0.00)
Administr. region	-0.04* (0.03)	-0.17** (0.07)	-0.04 (0.04)	-0.04 (0.03)	-0.06*** (0.02)	-0.05*** (0.01)	-0.05*** (0.01)	-0.06*** (0.01)	-0.06*** (0.00)
Returns Effects									
Demographics of hhd. head	-2.41** (1.06)	2.97*** (1.15)	-0.52 (0.80)	-0.17 (0.60)	0.52 (0.39)	-0.21 (0.20)	-0.51** (0.20)	-0.49*** (0.18)	-0.37*** (0.11)
Head education	-3.75 (2.55)	-0.25 (2.01)	1.12 (1.06)	-0.57 (1.08)	2.32* (1.23)	-0.47 (0.31)	0.47 (0.38)	0.83** (0.39)	0.24 (0.27)
Head employment	-0.12 (0.16)	0.07 (0.25)	0.10 (0.18)	0.05 (0.13)	-0.05 (0.17)	0.11 (0.09)	0.03 (0.09)	0.09 (0.05)	0.24*** (0.04)
Household composition	1.37** (0.61)	0.26 (0.53)	-0.24 (0.41)	-0.11 (0.27)	-0.20 (0.16)	0.17** (0.08)	0.26*** (0.07)	0.17*** (0.06)	0.16*** (0.04)
Administr. region	0.00 (0.29)	-0.31 (0.41)	0.54* (0.31)	-0.03 (0.22)	0.27** (0.11)	-0.02 (0.05)	-0.05 (0.05)	-0.15*** (0.04)	0.10*** (0.02)
Observations	1,157	1,259	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.11. Quantile decomposition of labor income gaps by farming/non-farming household: estimates at the 80th percentile.

	2000	2004	2007	2010	2011	2013	2014	2015	2016
Farming	12.16*** (0.04)	12.60*** (0.04)	12.90*** (0.04)	12.98*** (0.03)	13.39*** (0.02)	13.53*** (0.01)	13.47*** (0.01)	13.38*** (0.01)	13.36*** (0.00)
Non-farming	12.21*** (0.05)	12.80*** (0.05)	13.03*** (0.04)	13.14*** (0.03)	13.56*** (0.02)	13.69*** (0.01)	13.67*** (0.01)	13.59*** (0.01)	13.53*** (0.00)
Overall gap	-0.06 (0.07)	-0.20*** (0.07)	-0.13** (0.05)	-0.16*** (0.04)	-0.17*** (0.03)	-0.15*** (0.01)	-0.19*** (0.01)	-0.21*** (0.01)	-0.17*** (0.01)
Endowments	0.03 (0.04)	-0.12** (0.05)	-0.07 (0.04)	-0.19*** (0.03)	-0.15*** (0.02)	-0.20*** (0.01)	-0.17*** (0.01)	-0.21*** (0.01)	-0.23*** (0.01)
Constant (Unexplained)	-0.79 (2.19)	-0.97 (1.53)	-0.12 (0.96)	0.28 (1.06)	0.58 (1.18)	-0.19 (0.30)	0.06 (0.35)	0.17 (0.32)	0.16 (0.23)
Returns on endow.+Constant	-0.08 (0.07)	-0.08 (0.07)	-0.06 (0.06)	0.03 (0.04)	-0.02 (0.03)	0.048*** (0.01)	-0.02* (0.01)	0.00 (0.01)	0.06*** (0.01)
Endowments Effects									
Demographics of hhd. head	0.00 (0.02)	-0.02 (0.02)	0.00 (0.02)	-0.03** (0.01)	0.02 (0.01)	0.00 (0.00)	0.02*** (0.00)	0.00 (0.00)	0.00 (0.00)
Head education	0.00 (0.01)	0.00 (0.01)	0.00 (0.01)	-0.01* (0.01)	-0.04*** (0.01)	-0.04*** (0.00)	-0.05*** (0.00)	-0.04*** (0.00)	-0.03*** (0.00)
Head employment	-0.01 (0.01)	0.03* (0.02)	-0.02 (0.02)	-0.01 (0.01)	-0.03** (0.01)	-0.03*** (0.00)	-0.01*** (0.00)	-0.03*** (0.00)	-0.04*** (0.00)
Household composition	0.06** (0.03)	0.06* (0.03)	0.00 (0.02)	0.05*** (0.02)	0.02 (0.01)	0.02*** (0.01)	0.00 (0.01)	0.00 (0.00)	0.00 (0.00)
Administr. region	-0.03 (0.02)	-0.19*** (0.04)	-0.04 (0.03)	-0.20*** (0.03)	-0.12*** (0.02)	-0.16*** (0.01)	-0.14*** (0.01)	-0.14*** (0.01)	-0.16*** (0.00)
Returns Effects									
Demographics of hhd. head	-0.26 (0.89)	0.28 (0.74)	0.21 (0.58)	0.50 (0.46)	0.22 (0.35)	0.04 (0.15)	-0.09 (0.15)	-0.18 (0.13)	-0.18** (0.08)
Head education	0.56 (2.00)	0.47 (1.29)	0.28 (0.77)	-0.64 (0.93)	-0.87 (1.12)	0.10 (0.24)	-0.18 (0.30)	0.26 (0.29)	0.10 (0.22)
Head employment	0.06 (0.14)	0.24 (0.16)	-0.16 (0.13)	0.16 (0.10)	0.08 (0.15)	0.04 (0.08)	-0.05 (0.07)	-0.22*** (0.04)	-0.15*** (0.03)
Household composition	0.22 (0.53)	0.00 (0.33)	-0.18 (0.30)	0.11 (0.20)	-0.14 (0.15)	0.13** (0.06)	0.15*** (0.05)	-0.04 (0.05)	0.06** (0.03)
Administr. region	0.12 (0.26)	-0.10 (0.31)	-0.10 (0.23)	-0.36** (0.17)	0.11 (0.10)	-0.07* (0.04)	0.09*** (0.04)	0.01 (0.03)	0.06*** (0.02)
Observations	1,157	1,259	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.12. Quantile decomposition of gaps in home production for own use by farming/non-farming household: estimates at the median.

	2000	2013	2014	2015	2016
Farming	9.74*** (0.06)	11.42*** (0.01)	11.29*** (0.01)	11.20*** (0.01)	11.09*** (0.00)
Non-farming	8.43*** (0.03)	11.89*** (0.01)	11.62*** (0.01)	11.42*** (0.01)	11.34*** (0.00)
Overall gap	1.31*** (0.06)	-0.46*** (0.01)	-0.34*** (0.01)	-0.22*** (0.01)	-0.25*** (0.01)
Endowments	0.11** (0.05)	-0.20*** (0.01)	-0.13*** (0.01)	-0.12*** (0.01)	-0.12*** (0.00)
Constant (Unexplained)	1.23 (1.17)	-0.90*** (0.25)	-1.33*** (0.31)	-0.80*** (0.30)	-1.07*** (0.22)
Returns on endow.+Constant	1.20*** (0.08)	-0.26*** (0.01)	-0.21*** (0.01)	-0.09*** (0.01)	-0.13*** (0.01)
Endowments Effects					
Demographics of hhd. head	0.01 (0.03)	0.015*** (0.00)	0.018*** (0.00)	0.018*** (0.00)	0.023*** (0.00)
Head education	0.00 (0.01)	-0.02*** (0.00)	-0.02*** (0.00)	-0.018*** (0.00)	-0.02*** (0.00)
Head employment	0.00 (0.01)	-0.010*** (0.00)	-0.009*** (0.00)	-0.015*** (0.00)	-0.010*** (0.00)
Household composition	0.04 (0.04)	-0.010* (0.01)	0.00 (0.00)	-0.016*** (0.00)	-0.015*** (0.00)
Administr. region	0.05 (0.03)	-0.17*** (0.01)	-0.11*** (0.01)	-0.09*** (0.00)	-0.10*** (0.00)
Returns Effects					
Demographics of hhd. head	0.70 (0.88)	0.31** (0.13)	0.58*** (0.14)	0.34*** (0.12)	0.58*** (0.08)
Head education	-0.89 (0.71)	0.08 (0.20)	0.21 (0.27)	0.21 (0.27)	0.24 (0.20)
Head employment	-0.07 (0.13)	-0.14*** (0.05)	-0.17** (0.06)	-0.29*** (0.06)	-0.14*** (0.04)
Household composition	-0.21 (0.59)	0.13*** (0.05)	0.28*** (0.05)	0.27*** (0.04)	0.21*** (0.03)
Administr. region	0.44 (0.29)	0.26*** (0.03)	0.23*** (0.03)	0.17*** (0.03)	0.06*** (0.02)
Observations	1,260	28,483	37,355	96,959	1,260

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Estimation cannot be performed for years 2004–2011 due to data problems.

Source: Author's analysis of LIS data.

Table A.13. Quantile decomposition of gaps in home production for own use by farming/non-farming household: estimates at the 20th and 80th percentile.

		20 th percentile					80 th percentile				
		2000	2013	2014	2015	2016	2000	2013	2014	2015	2016
	Farming	8.92*** (0.05)	10.69*** (0.01)	10.58*** (0.01)	10.58*** (0.01)	10.46*** (0.01)	10.59*** (0.05)	12.06*** (0.01)	11.88*** (0.01)	11.77*** (0.01)	11.67*** (0.00)
	Non-farming	7.41*** (0.03)	11.24*** (0.01)	10.87*** (0.01)	10.73*** (0.01)	10.59*** (0.01)	8.90*** (0.02)	12.80*** (0.01)	12.62*** (0.01)	12.38*** (0.01)	12.20*** (0.01)
	Overall gap	1.51*** (0.06)	-0.55*** (0.02)	-0.29*** (0.02)	-0.15*** (0.01)	-0.13*** (0.01)	1.70*** (0.06)	-0.75*** (0.02)	-0.74*** (0.02)	-0.61*** (0.01)	-0.53*** (0.01)
	Endowments	0.11** (0.04)	-0.10*** (0.01)	-0.03** (0.01)	-0.053*** (0.01)	-0.04*** (0.01)	0.08* (0.05)	-0.29*** (0.01)	-0.22*** (0.01)	-0.23*** (0.01)	-0.25*** (0.01)
	Constant (Unexplained)	1.31 (1.09)	-2.24*** (0.38)	-1.35*** (0.47)	-0.98** (0.45)	-0.97*** (0.32)	1.21 (1.01)	-1.87*** (0.36)	-2.62*** (0.49)	-2.95*** (0.46)	-1.90*** (0.30)
	Returns on endow.+Constant	1.39*** (0.07)	-0.45*** (0.02)	-0.26*** (0.02)	-0.010*** (0.01)	-0.09*** (0.01)	1.62*** (0.07)	-0.46*** (0.02)	-0.52*** (0.02)	-0.38*** (0.01)	-0.28*** (0.01)
Endowments Effects	Demographics of hhd. head	-0.01 (0.03)	0.02*** (0.01)	0.02*** (0.01)	0.04*** (0.01)	0.02*** (0.00)	0.03 (0.03)	0.015*** (0.00)	0.02*** (0.00)	0.02*** (0.00)	0.010*** (0.00)
	Head education	-0.01 (0.01)	-0.04*** (0.00)	-0.02*** (0.00)	-0.02*** (0.00)	-0.03*** (0.00)	0.00 (0.01)	-0.03*** (0.00)	-0.02*** (0.00)	-0.008*** (0.00)	-0.019*** (0.00)
	Head employment	0.01 (0.01)	0.00 (0.01)	-0.01 (0.00)	-0.03*** (0.00)	-0.006** (0.00)	0.01 (0.01)	-0.02*** (0.00)	-0.010*** (0.00)	-0.02*** (0.00)	-0.02*** (0.00)
	Household composition	0.07* (0.04)	0.03*** (0.01)	0.04*** (0.01)	-0.01 (0.01)	0.02*** (0.00)	0.03 (0.04)	-0.03*** (0.01)	-0.03*** (0.01)	-0.04*** (0.00)	-0.03*** (0.00)
	Administr. region	0.05** (0.03)	-0.11*** (0.01)	-0.06*** (0.01)	-0.04*** (0.01)	-0.05*** (0.00)	0.01 (0.03)	-0.23*** (0.01)	-0.17*** (0.01)	-0.19*** (0.01)	-0.19*** (0.00)
Returns Effects	Demographics of hhd. head	-0.40 (0.81)	0.85*** (0.21)	0.92*** (0.21)	1.00*** (0.18)	0.95*** (0.11)	0.43 (0.76)	1.19*** (0.19)	1.13*** (0.21)	1.69*** (0.18)	1.28*** (0.10)
	Head education	0.28 (0.68)	0.54* (0.31)	0.10 (0.41)	0.44 (0.40)	0.08 (0.30)	-0.43 (0.61)	-0.06 (0.30)	0.36 (0.44)	0.45 (0.41)	0.36 (0.28)
	Head employment	-0.20 (0.12)	-0.10 (0.08)	-0.32*** (0.10)	-0.43*** (0.08)	-0.22*** (0.05)	-0.15 (0.11)	-0.38*** (0.09)	-0.30*** (0.11)	-0.33*** (0.09)	-0.23*** (0.05)
	Household composition	-0.01 (0.53)	0.47*** (0.08)	0.53*** (0.08)	0.18*** (0.06)	0.34*** (0.04)	0.33 (0.52)	0.14** (0.07)	0.32*** (0.07)	0.43*** (0.06)	0.19*** (0.03)
	Administr. region	0.39 (0.26)	0.03 (0.05)	-0.14*** (0.05)	-0.30*** (0.04)	-0.29*** (0.03)	0.23 (0.26)	0.52*** (0.04)	0.59*** (0.05)	0.33*** (0.04)	0.01 (0.02)
	Observations	1,260	28,483	37,355	96,959	1,260	1,260	28,483	37,355	96,959	1,260

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Estimation cannot be performed for years 2004–2011 due to data problems. Source: Author's analysis of LIS data.

Table A.14. Quantile decomposition of labor income gaps by female/male household: estimates at the median.

	2000	2004	2007	2010	2011	2013	2014	2015	2016
Female	11.39*** (0.05)	11.82*** (0.05)	12.35*** (0.05)	12.40*** (0.03)	12.73*** (0.02)	12.92*** (0.01)	12.87*** (0.01)	12.80*** (0.01)	12.78*** (0.01)
Male	11.67*** (0.04)	12.28*** (0.04)	12.55*** (0.03)	12.60*** (0.02)	12.95*** (0.02)	13.12*** (0.01)	13.08*** (0.01)	13.01*** (0.01)	12.97*** (0.00)
Overall gap	-0.27*** (0.07)	-0.45*** (0.06)	-0.21*** (0.06)	-0.20*** (0.04)	-0.22*** (0.03)	-0.21*** (0.01)	-0.21*** (0.01)	-0.21*** (0.01)	-0.19*** (0.01)
Endowments	0.01 (0.05)	-0.11* (0.06)	-0.08 (0.06)	-0.03 (0.04)	-0.08** (0.04)	-0.14*** (0.02)	-0.14*** (0.02)	-0.13*** (0.01)	-0.10*** (0.01)
Constant (Unexplained)	1.65 (1.30)	-0.19 (1.40)	1.53 (2.15)	0.53 (1.11)	0.57 (0.78)	0.52 (0.32)	0.72* (0.38)	0.55 (0.34)	0.71*** (0.22)
Returns on endow.+Constant	-0.29*** (0.08)	-0.35*** (0.08)	-0.13* (0.08)	-0.17*** (0.05)	-0.14*** (0.04)	-0.07*** (0.02)	-0.08*** (0.02)	-0.08*** (0.01)	-0.08*** (0.01)
Endowments Effects									
Demographics of hhd. head	-0.03 (0.06)	0.01 (0.04)	-0.05 (0.04)	-0.09*** (0.03)	-0.18*** (0.03)	-0.10*** (0.01)	-0.05*** (0.01)	-0.07*** (0.01)	-0.11*** (0.01)
Head education	0.03 (0.03)	0.02 (0.03)	0.15*** (0.04)	0.04** (0.02)	0.05*** (0.01)	0.06*** (0.01)	0.05*** (0.00)	0.05*** (0.00)	0.04*** (0.00)
Head employment	0.04 (0.03)	0.00 (0.04)	-0.04 (0.03)	-0.02 (0.02)	-0.05 (0.03)	-0.11*** (0.01)	-0.09*** (0.01)	-0.08*** (0.01)	-0.06*** (0.01)
Household composition	-0.03 (0.05)	-0.13** (0.06)	-0.12*** (0.04)	0.03 (0.03)	0.09*** (0.03)	0.02 (0.01)	-0.03*** (0.01)	0.00 (0.01)	0.03*** (0.01)
Administr. region	0.00 (0.02)	-0.02 (0.02)	-0.03 (0.02)	0.02 (0.01)	0.01 (0.01)	0.00 (0.00)	-0.010*** (0.00)	-0.017*** (0.00)	-0.005** (0.00)
Returns Effects									
Demographics of hhd. head	-0.58 (0.91)	0.05 (0.77)	-1.20* (0.69)	-0.99** (0.46)	-0.44 (0.35)	-0.30* (0.16)	-0.94*** (0.15)	-0.54*** (0.13)	-0.30*** (0.09)
Head education	-0.81 (0.86)	-0.39 (1.17)	-0.06 (2.01)	0.77 (1.01)	0.22 (0.69)	-0.07 (0.27)	0.28 (0.34)	-0.07 (0.30)	-0.17 (0.20)
Head employment	-0.12 (0.15)	-0.16 (0.17)	-0.21 (0.31)	-0.02 (0.11)	-0.19 (0.15)	-0.15** (0.07)	-0.30*** (0.07)	-0.14** (0.06)	-0.35*** (0.04)
Household composition	-0.78 (0.61)	0.16 (0.37)	0.10 (0.36)	-0.09 (0.21)	-0.40*** (0.15)	-0.05 (0.06)	0.16*** (0.06)	0.12** (0.05)	-0.02 (0.03)
Administr. region	0.34 (0.24)	0.18 (0.23)	-0.30 (0.23)	-0.36** (0.14)	0.10 (0.09)	-0.02 (0.03)	0.00 (0.03)	0.00 (0.03)	0.04** (0.02)
Observations	1,157	1,259	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.15. Quantile decomposition of labor income gaps by female/male household: estimates at the 20th percentile.

	2000	2004	2007	2010	2011	2013	2014	2015	2016
Female	10.63*** (0.05)	11.35*** (0.06)	11.63*** (0.04)	11.85*** (0.04)	12.11*** (0.02)	12.36*** (0.01)	12.30*** (0.01)	12.23*** (0.01)	12.23*** (0.01)
Male	11.11*** (0.05)	11.62*** (0.05)	12.07*** (0.04)	12.08*** (0.03)	12.38*** (0.02)	12.56*** (0.01)	12.52*** (0.01)	12.43*** (0.01)	12.40*** (0.00)
Overall gap	-0.48*** (0.07)	-0.27*** (0.08)	-0.43*** (0.06)	-0.23*** (0.05)	-0.27*** (0.03)	-0.20*** (0.02)	-0.21*** (0.02)	-0.20*** (0.01)	-0.17*** (0.01)
Endowments	0.02 (0.06)	-0.06 (0.07)	0.00 (0.05)	0.04 (0.04)	0.00 (0.04)	-0.03 (0.02)	-0.08*** (0.02)	-0.10*** (0.02)	-0.07*** (0.01)
Constant (Unexplained)	0.68 (1.41)	-1.71 (1.74)	-2.52 (1.84)	1.16 (1.37)	-2.55*** (0.89)	0.26 (0.42)	0.90* (0.49)	1.34*** (0.43)	0.16 (0.27)
Returns on endow.+Constant	-0.50*** (0.09)	-0.20** (0.10)	-0.43*** (0.07)	-0.27*** (0.06)	-0.26*** (0.05)	-0.17*** (0.02)	-0.14*** (0.02)	-0.10*** (0.02)	-0.11*** (0.01)
Endowments Effects									
Demographics of hhd. head	0.07 (0.07)	0.05 (0.05)	-0.01 (0.03)	-0.08** (0.03)	-0.11*** (0.04)	-0.05*** (0.02)	-0.02* (0.01)	-0.06*** (0.01)	-0.06*** (0.01)
Head education	0.00 (0.03)	0.02 (0.04)	0.05* (0.03)	0.04** (0.02)	0.04*** (0.01)	0.07*** (0.01)	0.04*** (0.01)	0.06*** (0.01)	0.03*** (0.00)
Head employment	0.01 (0.03)	0.03 (0.04)	-0.02 (0.03)	-0.01 (0.02)	-0.04 (0.04)	-0.06*** (0.02)	-0.07*** (0.02)	-0.11*** (0.01)	-0.06*** (0.01)
Household composition	-0.05 (0.06)	-0.14** (0.07)	-0.04 (0.04)	0.07** (0.04)	0.10*** (0.03)	0.02 (0.01)	-0.02 (0.01)	0.03** (0.01)	0.02*** (0.01)
Administr. region	-0.01 (0.01)	-0.01 (0.01)	0.00 (0.01)	0.01 (0.01)	0.01 (0.01)	-0.005** (0.00)	-0.005** (0.00)	-0.010*** (0.00)	-0.002* (0.00)
Returns Effects									
Demographics of hhd. head	0.66 (0.99)	-0.58 (0.96)	-0.52 (0.68)	-0.75 (0.58)	0.10 (0.40)	0.15 (0.21)	-0.44** (0.20)	-0.59*** (0.17)	-0.67*** (0.11)
Head education	-0.94 (0.94)	1.60 (1.45)	3.31** (1.67)	-0.31 (1.24)	2.30*** (0.78)	0.12 (0.35)	-0.35 (0.43)	-1.01*** (0.39)	0.71*** (0.25)
Head employment	0.13 (0.17)	-0.07 (0.21)	-0.73** (0.31)	-0.08 (0.14)	-0.03 (0.16)	-0.59*** (0.10)	-0.40*** (0.09)	-0.15** (0.07)	-0.44*** (0.05)
Household composition	-1.27* (0.66)	0.57 (0.45)	-0.07 (0.39)	-0.22 (0.28)	-0.24 (0.18)	-0.03 (0.08)	0.21*** (0.08)	0.33*** (0.07)	0.15*** (0.04)
Administr. region	0.24 (0.26)	-0.01 (0.29)	0.09 (0.22)	-0.08 (0.18)	0.15 (0.10)	-0.07 (0.04)	-0.05 (0.04)	-0.03 (0.03)	-0.02 (0.02)
Observations	1,157	1,259	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.16. Quantile decomposition of labor income gaps by female/male household: estimates at the 80th percentile.

	2000	2004	2007	2010	2011	2013	2014	2015	2016
Female	12.07*** (0.06)	12.41*** (0.04)	12.89*** (0.05)	13.04*** (0.04)	13.32*** (0.02)	13.48*** (0.01)	13.43*** (0.01)	13.36*** (0.01)	13.33*** (0.01)
Male	12.22*** (0.04)	12.85*** (0.05)	13.02*** (0.03)	13.06*** (0.02)	13.56*** (0.02)	13.66*** (0.01)	13.63*** (0.01)	13.55*** (0.01)	13.48*** (0.00)
Overall gap	-0.15** (0.07)	-0.44*** (0.07)	-0.14** (0.06)	-0.02 (0.04)	-0.25*** (0.03)	-0.18*** (0.01)	-0.20*** (0.01)	-0.19*** (0.01)	-0.15*** (0.01)
Endowments	-0.04 (0.06)	-0.19*** (0.05)	-0.05 (0.05)	-0.12*** (0.04)	-0.12*** (0.04)	-0.11*** (0.02)	-0.17*** (0.02)	-0.10*** (0.01)	-0.12*** (0.01)
Constant (Unexplained)	1.63 (1.42)	0.27 (1.52)	0.70 (1.96)	-0.13 (1.20)	0.51 (0.81)	0.58* (0.32)	0.38 (0.40)	0.62* (0.34)	1.46*** (0.23)
Returns on endow.+Constant	-0.11 (0.09)	-0.25*** (0.08)	-0.08 (0.07)	0.11** (0.05)	-0.13*** (0.04)	-0.07*** (0.02)	-0.02 (0.02)	-0.09*** (0.01)	-0.03*** (0.01)
Endowments Effects									
Demographics of hhd. head	0.05 (0.07)	0.06* (0.04)	-0.07** (0.04)	-0.08*** (0.03)	-0.11*** (0.03)	-0.07*** (0.01)	-0.08*** (0.01)	-0.03*** (0.01)	-0.08*** (0.01)
Head education	0.03 (0.03)	0.010 (0.02)	0.12*** (0.03)	0.05*** (0.02)	0.03*** (0.01)	0.05*** (0.01)	0.06*** (0.01)	0.02*** (0.00)	0.02*** (0.00)
Head employment	-0.01 (0.03)	-0.01 (0.03)	-0.01 (0.03)	-0.06*** (0.02)	-0.06* (0.03)	-0.07*** (0.01)	-0.13*** (0.01)	-0.02** (0.01)	-0.06*** (0.01)
Household composition	-0.11* (0.06)	-0.23*** (0.05)	-0.06 (0.04)	-0.05* (0.03)	0.02 (0.03)	-0.02 (0.01)	0.00 (0.01)	-0.05*** (0.01)	0.00 (0.01)
Administr. region	-0.01 (0.02)	-0.03* (0.02)	-0.03 (0.02)	0.02 (0.02)	0.01 (0.01)	0.00 (0.00)	-0.012*** (0.00)	-0.02*** (0.00)	-0.005** (0.00)
Returns Effects									
Demographics of hhd. head	0.89 (1.00)	-0.65 (0.77)	-0.53 (0.65)	0.13 (0.49)	-0.52 (0.36)	-0.68*** (0.16)	-0.65*** (0.17)	-0.62*** (0.14)	-0.38*** (0.09)
Head education	-1.64* (0.97)	-0.56 (1.31)	-0.61 (1.82)	0.21 (1.10)	-0.11 (0.71)	0.19 (0.26)	0.08 (0.36)	-0.17 (0.31)	-0.56*** (0.20)
Head employment	-0.10 (0.17)	-0.23 (0.17)	0.44 (0.29)	0.08 (0.12)	0.12 (0.15)	-0.23*** (0.07)	0.13* (0.07)	-0.08 (0.06)	-0.45*** (0.04)
Household composition	-0.32 (0.64)	0.74* (0.40)	-0.08 (0.34)	0.09 (0.22)	-0.09 (0.17)	0.12* (0.06)	0.00 (0.06)	0.17*** (0.05)	-0.03 (0.03)
Administr. region	-0.57** (0.26)	0.18 (0.23)	0.00 (0.21)	-0.28* (0.15)	-0.03 (0.10)	-0.06* (0.03)	0.04 (0.03)	-0.02 (0.03)	-0.06*** (0.02)
Observations	1,157	1,259	1,260	2,481	6,563	28,573	28,483	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.17. Quantile decomposition of gaps in home production for own use by female/male household: estimates at the median.

	2000	2004	2007	2010	2011	2013	2014	2015	2016
Female	10.07*** (0.07)	10.17*** (0.06)	10.14*** (0.05)	10.11*** (0.03)	11.43*** (0.02)	11.68*** (0.01)	11.44*** (0.01)	11.32*** (0.01)	11.22*** (0.00)
Male	10.03*** (0.05)	9.89*** (0.06)	10.01*** (0.04)	10.42*** (0.04)	11.39*** (0.02)	11.64*** (0.01)	11.44*** (0.01)	11.30*** (0.01)	11.19*** (0.00)
Overall gap	0.04 (0.09)	0.27*** (0.09)	0.14** (0.07)	-0.32*** (0.05)	0.04 (0.03)	0.03*** (0.01)	0.00 (0.01)	0.02** (0.01)	0.03*** (0.01)
Endowments	-0.10 (0.08)	-0.15** (0.08)	0.04 (0.06)	0.00 (0.03)	0.09*** (0.03)	0.09*** (0.01)	0.06*** (0.01)	0.06*** (0.01)	0.05*** (0.01)
Constant (Unexplained)	3.89** (1.79)	-1.60 (1.86)	-1.23 (2.21)	-0.53 (1.08)	1.44* (0.79)	0.68** (0.29)	-0.16 (0.36)	0.74** (0.30)	-0.54*** (0.20)
Returns on endow.+Constant	0.14 (0.11)	0.43*** (0.10)	0.10 (0.07)	-0.32*** (0.05)	-0.05 (0.04)	-0.05*** (0.02)	-0.06*** (0.02)	-0.04*** (0.01)	-0.02*** (0.01)
Endowments Effects									
Demographics of hhd. head	-0.14 (0.09)	-0.08* (0.05)	0.04 (0.04)	-0.04* (0.02)	-0.07** (0.03)	0.00 (0.01)	0.00 (0.01)	-0.01 (0.01)	-0.03*** (0.01)
Head education	-0.02 (0.04)	0.06* (0.03)	0.07** (0.03)	0.00 (0.01)	0.02** (0.01)	0.02*** (0.00)	0.02*** (0.00)	0.02*** (0.00)	0.010*** (0.00)
Head employment	-0.03 (0.04)	-0.20*** (0.06)	-0.09* (0.05)	-0.03 (0.03)	0.00 (0.03)	0.01 (0.01)	0.01 (0.01)	0.00 (0.01)	0.00 (0.01)
Household composition	0.10 (0.08)	0.03 (0.06)	0.02 (0.04)	0.07*** (0.02)	0.14*** (0.03)	0.07*** (0.01)	0.04*** (0.01)	0.08*** (0.01)	0.08*** (0.00)
Administr. region	-0.01 (0.03)	0.04* (0.02)	0.00 (0.02)	0.00 (0.01)	0.01 (0.00)	-0.009* (0.00)	-0.013*** (0.00)	-0.02*** (0.00)	-0.007*** (0.00)
Returns Effects									
Demographics of hhd. head	-2.19* (1.25)	0.79 (0.97)	1.23* (0.66)	1.39*** (0.52)	-0.09 (0.35)	0.05 (0.14)	-0.15 (0.15)	-0.43*** (0.12)	0.24*** (0.08)
Head education	-0.97 (1.27)	2.27 (1.51)	0.87 (2.10)	-1.18 (0.88)	-0.65 (0.69)	-0.55** (0.24)	0.23 (0.32)	-0.33 (0.27)	0.57*** (0.18)
Head employment	0.06 (0.21)	-0.44 (0.32)	-0.34 (0.26)	-0.05 (0.18)	-0.22* (0.13)	-0.11* (0.06)	0.02 (0.06)	-0.07 (0.05)	-0.18*** (0.03)
Household composition	-0.11 (0.80)	-0.46 (0.49)	-0.21 (0.36)	-0.25 (0.29)	-0.35** (0.17)	-0.10* (0.06)	-0.04 (0.06)	0.11** (0.05)	-0.15*** (0.03)
Administr. region	-0.54* (0.32)	-0.15 (0.29)	-0.22 (0.21)	0.30* (0.17)	-0.20** (0.09)	-0.01 (0.03)	0.04 (0.03)	-0.05** (0.02)	0.02 (0.02)
Observations	1,165	1,344	1,425	2,666	6,563	28,573	28,482	37,355	96,959

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.18. Quantile decomposition of gaps in home production for own use by female/male household: estimates at the 20th percentile.

	2000	2004	2007	2010	2011	2013	2014	2015	2016
Female	8.71*** (0.06)	8.57*** (0.06)	8.94*** (0.06)	8.97*** (0.04)	10.56*** (0.03)	10.96*** (0.01)	10.70*** (0.01)	10.68*** (0.01)	10.55*** (0.01)
Male	8.89*** (0.06)	8.41*** (0.05)	8.84*** (0.05)	8.886*** (0.03)	10.51*** (0.03)	10.94*** (0.01)	10.71*** (0.01)	10.63*** (0.01)	10.51*** (0.01)
Overall gap	-0.17** (0.09)	0.16** (0.08)	0.10 (0.08)	0.09* (0.05)	0.05 (0.04)	0.01 (0.01)	-0.01 (0.02)	0.04*** (0.01)	0.04*** (0.01)
Endowments	0.04 (0.07)	-0.10 (0.07)	0.01 (0.07)	0.02 (0.05)	0.13** (0.05)	0.08*** (0.02)	0.03 (0.02)	0.03** (0.02)	0.07*** (0.01)
Constant (Unexplained)	0.63 (1.71)	-0.40 (1.84)	1.69 (2.99)	0.72 (1.15)	2.67** (1.23)	0.33 (0.38)	0.901* (0.55)	1.36*** (0.46)	-0.72** (0.29)
Returns on endow.+Constant	-0.21** (0.10)	0.26*** (0.10)	0.08 (0.10)	0.07 (0.06)	-0.08 (0.06)	-0.07*** (0.02)	-0.04 (0.02)	0.01 (0.02)	-0.03** (0.01)
Endowments Effects									
Demographics of hhd. head	-0.13* (0.07)	-0.05 (0.05)	-0.07 (0.05)	-0.01 (0.03)	0.00 (0.05)	0.05*** (0.01)	0.01 (0.02)	-0.04*** (0.01)	0.00 (0.01)
Head education	0.00 (0.04)	0.04 (0.03)	0.09** (0.04)	-0.02 (0.02)	0.04*** (0.02)	0.04*** (0.01)	0.03*** (0.01)	0.02*** (0.01)	0.02*** (0.00)
Head employment	0.04 (0.04)	-0.10** (0.05)	-0.07 (0.05)	-0.03 (0.03)	0.00 (0.05)	-0.01 (0.01)	-0.02 (0.02)	-0.03* (0.01)	0.00 (0.01)
Household composition	0.12* (0.07)	-0.01 (0.06)	0.07 (0.05)	0.08** (0.04)	0.08* (0.04)	0.02 (0.01)	0.02 (0.01)	0.10*** (0.01)	0.06*** (0.01)
Administr. region	0.01 (0.02)	0.02 (0.02)	-0.01 (0.02)	0.00 (0.01)	0.00 (0.00)	-0.007** (0.00)	-0.02*** (0.00)	-0.02*** (0.00)	-0.008*** (0.00)
Returns Effects									
Demographics of hhd. head	-0.66 (1.20)	0.01 (0.98)	-0.99 (0.90)	1.54** (0.64)	-0.24 (0.56)	0.01 (0.19)	-0.02 (0.22)	-0.44** (0.19)	-0.06 (0.11)
Head education	0.25 (1.17)	1.19 (1.48)	0.24 (2.84)	-1.70* (0.89)	-2.49** (1.08)	-0.29 (0.32)	-0.57 (0.49)	-0.68 (0.41)	0.99*** (0.26)
Head employment	-0.08 (0.21)	-0.09 (0.34)	-0.53 (0.35)	-0.07 (0.19)	0.16 (0.20)	-0.22*** (0.08)	-0.29*** (0.09)	-0.13 (0.08)	-0.11** (0.04)
Household composition	0.17 (0.85)	-0.60 (0.48)	-0.46 (0.50)	-0.25 (0.31)	0.04 (0.26)	0.13 (0.08)	-0.19** (0.09)	-0.10 (0.07)	-0.17*** (0.04)
Administr. region	-0.52 (0.32)	0.14 (0.29)	0.14 (0.29)	-0.17 (0.20)	-0.23 (0.15)	-0.02 (0.04)	0.13*** (0.04)	0.00 (0.04)	0.05** (0.02)
Observations	1,260	1,260	2,481	6,563	28,573	28,483	37,355	96,959	1,260

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.

Table A.19. Quantile decomposition of gaps in home production for own use by female/male household: estimates at the 80th percentile.

	2000	2004	2007	2010	2011	2013	2014	2015	2016	
Female	11.68*** (0.09)	11.80*** (0.08)	11.99*** (0.08)	12.59*** (0.06)	12.40*** (0.03)	12.42*** (0.01)	12.20*** (0.01)	12.04*** (0.01)	11.95*** (0.01)	
Male	11.69*** (0.08)	12.16*** (0.10)	12.22*** (0.08)	12.33*** (0.06)	12.33*** (0.02)	12.34*** (0.01)	12.20*** (0.01)	12.06*** (0.01)	11.93*** (0.01)	
Overall gap	0.00 (0.12)	-0.36*** (0.13)	-0.23** (0.11)	0.26*** (0.09)	0.07** (0.03)	0.09*** (0.02)	0.00 (0.02)	-0.02 (0.01)	0.02*** (0.01)	
Endowments	-0.17 (0.11)	-0.05 (0.10)	-0.03 (0.09)	0.01 (0.08)	0.00 (0.04)	0.08*** (0.02)	0.08*** (0.02)	0.03** (0.02)	0.03*** (0.01)	
Constant (Unexplained)	1.36 (2.14)	-6.06*** (2.13)	-1.03 (2.67)	-0.37 (1.29)	1.90* (0.99)	0.13 (0.36)	-0.09 (0.50)	0.76* (0.43)	0.21 (0.28)	
Returns on endow.+Constant	0.17 (0.13)	-0.32*** (0.11)	-0.20** (0.09)	0.25*** (0.07)	0.08 (0.05)	0.00 (0.02)	-0.07*** (0.02)	-0.05*** (0.02)	-0.01 (0.01)	
Endowments Effects	Demographics of hhd. head (0.10)	-0.20** (0.05)	-0.11** (0.04)	-0.04 (0.04)	-0.09** (0.04)	-0.01 (0.01)	-0.02 (0.01)	-0.03** (0.01)	-0.07*** (0.01)	-0.02*** (0.01)
Head education	-0.06 (0.05)	0.04 (0.03)	0.06* (0.04)	0.00 (0.02)	0.00 (0.01)	0.02*** (0.01)	0.00 (0.01)	-0.008* (0.00)	0.00 (0.00)	
Head employment	-0.05 (0.07)	-0.18** (0.09)	-0.13 (0.09)	-0.07 (0.07)	-0.09** (0.04)	0.01 (0.02)	0.03** (0.02)	0.02 (0.01)	-0.02** (0.01)	
Household composition	0.12 (0.09)	0.18*** (0.06)	0.06 (0.04)	0.14*** (0.04)	0.09** (0.04)	0.08*** (0.01)	0.09*** (0.01)	0.13*** (0.01)	0.08*** (0.01)	
Administr. region	0.01 (0.03)	0.02 (0.02)	0.02 (0.02)	0.02 (0.02)	0.00 (0.01)	-0.01 (0.01)	-0.02*** (0.01)	-0.03*** (0.01)	-0.010** (0.00)	
Returns Effects	Demographics of hhd. head (1.50)	-0.03 (1.08)	2.11* (0.87)	0.40 (0.73)	1.05 (0.45)	-1.01** (0.18)	-0.17 (0.21)	-0.24 (0.17)	-0.40** (0.11)	-0.04 (0.11)
Head education	-0.63 (1.49)	4.59*** (1.75)	1.73 (2.51)	-0.67 (0.98)	0.19 (0.87)	0.43 (0.31)	0.50 (0.45)	-0.20 (0.38)	0.21 (0.25)	
Head employment	-0.13 (0.25)	-0.69** (0.34)	-1.61*** (0.32)	0.40* (0.22)	-0.37** (0.16)	0.01 (0.07)	-0.03 (0.08)	0.02 (0.08)	-0.33*** (0.04)	
Household composition	0.25 (1.00)	-0.37 (0.57)	0.42 (0.51)	-0.15 (0.35)	-0.44** (0.20)	-0.14** (0.07)	-0.10 (0.08)	-0.13* (0.07)	-0.02 (0.04)	
Administr. region	-0.65* (0.39)	0.11 (0.32)	-0.09 (0.28)	-0.02 (0.23)	-0.20* (0.12)	-0.25*** (0.04)	-0.11*** (0.04)	-0.10*** (0.03)	-0.04** (0.02)	
Observations	1,260	1,260	2,481	6,563	28,573	28,483	37,355	96,959	1,260	

Notes: Standard errors computed using the delta method are in parentheses. *** p<0.01, ** p<0.05, * p<0.1. Source: Author's analysis of LIS data.



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