

# Appendices

## A Data information

*Table A.1: ISIC codes corresponding to the farm sector (Yeboah and Jayne, 2016)*

Categories	Names	ISIC divisions	ISIC codes
Section A	Agriculture, forestry and fishing	Crop and animal production, hunting and related services activities	1
		Fishing and aquaculture	3

Table A.2: ISIC codes corresponding to the off-farm in agri-food systems (Yeboah and Jayne, 2016)

Categories	Names	ISIC divisions	ISIC codes
Section C	Manufacturing	Manufacture of food products	10
		Manufacture of beverages	11
		Manufacture of tobacco products	12
		Manufacture of articles of fur	142
		Tanning and dressing of leather; dressing and dyeing of fur	1511
Section G	Wholesale and retail trade; repair of motor vehicles and motorcycles	Wholesale of agricultural raw materials and live animals	462
		Wholesale of food, beverages and tobacco	463
		Wholesale of agricultural machinery, equipment and supplies	4653
		Retail sale in non-specialized stores with food, beverages or tobacco predominating	4711
		Retail sale of food, beverages and tobacco in specialized store	472
		Retail sale via stalls and markets of food, beverages and tobacco products	4781
		Food and beverage service activities	56
Section M	Professional, scientific and technical activities	Veterinary activities	75

Table A.3: Summary statistics of control variables in the year 2011

	N	Mean	Std dev	Min	Max
Marital status (M)	7,973	0.49	0.50	0	1
Household size (H)	7,973	6.51	4.44	1	55
Dependency ratio (D)	7,973	0.90	0.75	0	7
Livestock (LH)	7,973	7.40	30.39	0	496
Landholding (LS)	7,973	1.67	1.54	0	11
Agricultural shocks (AS)	7,973	0.37	0.48	0	1
Household shocks (HS)	7,973	0.41	0.49	0	1
Education (E)	7,973	0.62	0.49	0	1
Welfare (W)	6,856	4.32	2.06	1	8

Table A.4: Summary statistics of control variables in the year 2020

	N	Mean	Std dev	Min	Max
Marital status (M)	2,336	0.53	0.50	0	1
Household size (H)	2,336	6.24	4.72	1	35
Dependency ratio (D)	2,336	0.87	0.77	0	9
Livestock (LH)	2,336	5.29	15.29	0	120
Landholding (LS)	2,336	1.32	1.80	0	30
Agricultural shocks (AS)	2,336	0.18	0.38	0	1
Household shocks (HS)	2,336	0.11	0.31	0	1
Education (E)	2,336	0.74	0.44	0	1
Welfare (W)	1,985	4.01	1.74	1	7

## B Results

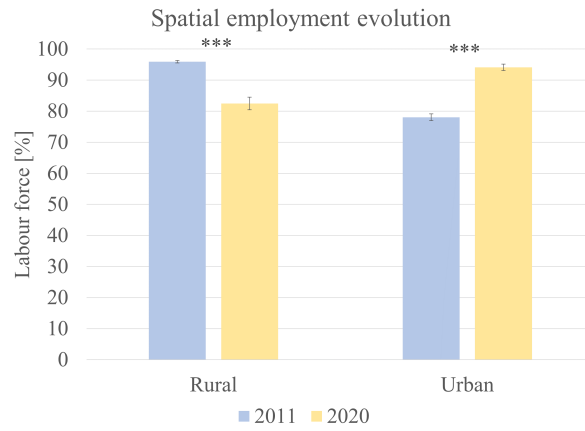


Fig. B.1: Evolution of the employment rate in rural and urban areas, author's estimates from Tanzania National Panel Survey (2011 and 2020). The significance is tested by a Student's *t*-test : \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$

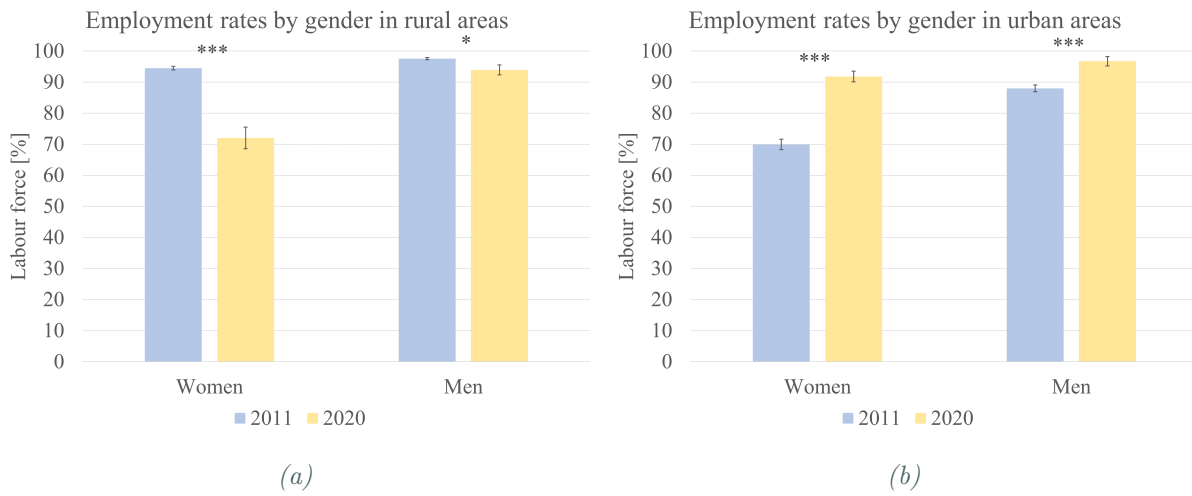


Fig. B.2: Evolution of employment rate by gender in (a) rural areas, (b) urban areas. Author's estimates from Tanzania National Panel Survey (2011 and 2020). The significance is tested by a Student's *t*-test : \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$

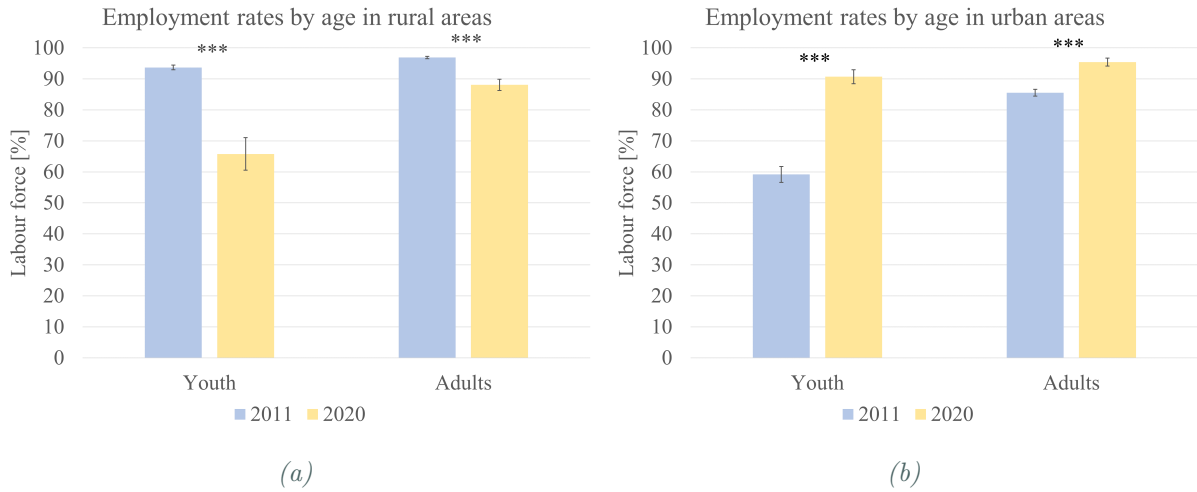


Fig. B.3: Evolution of employment rate by age in (a) rural areas, (b) urban areas. Author's estimates from Tanzania National Panel Survey (2011 and 2020). The significance is tested by a Student's *t*-test : \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$

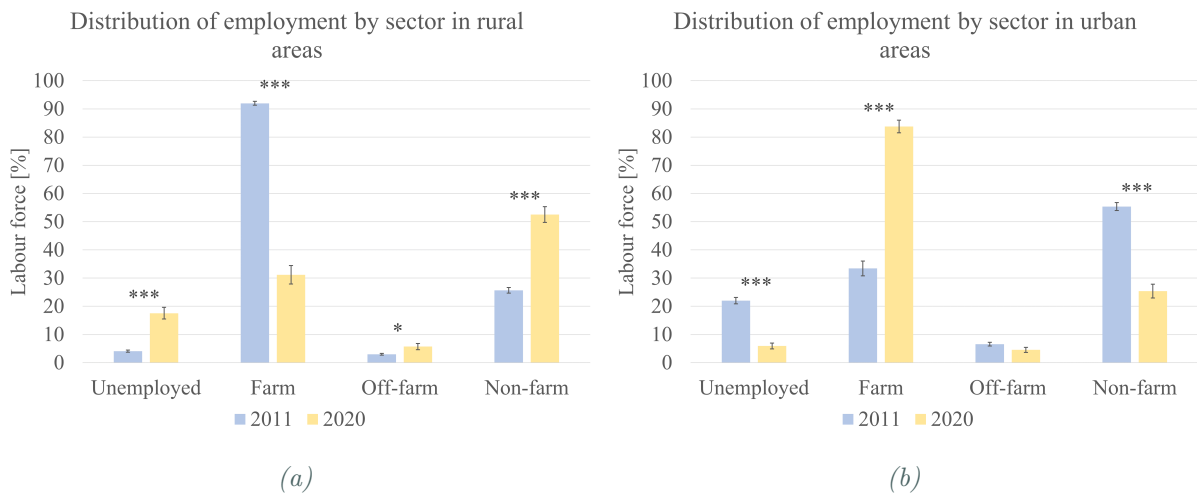


Fig. B.4: Evolution of the distribution of employment rate by sector in (a) rural areas, (b) urban areas. Author's estimates from Tanzania National Panel Survey (2011 and 2020). The significance is tested by a Student's *t*-test : \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$

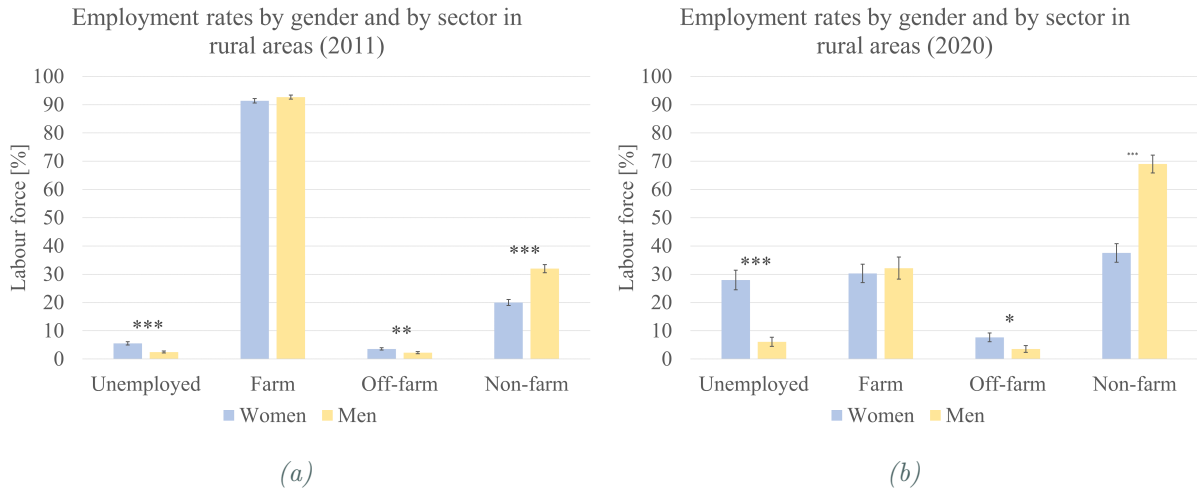


Fig. B.5: Distribution of employment rate by sector and gender in rural areas in 2011 (a) and 2020 (b). Author's estimates from Tanzania National Panel Survey (2011 and 2020). The significance is tested by a Student's t-test : \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$

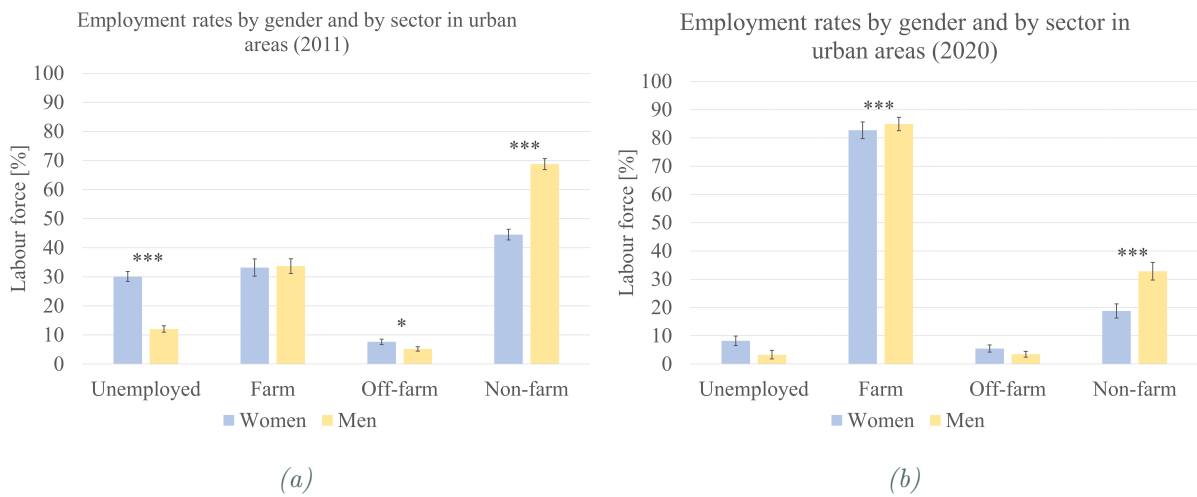


Fig. B.6: Distribution of employment rate by sector and gender in urban areas in 2011 (a) and 2020 (b). Author's estimates from Tanzania National Panel Survey (2011 and 2020). The significance is tested by a Student's t-test : \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$

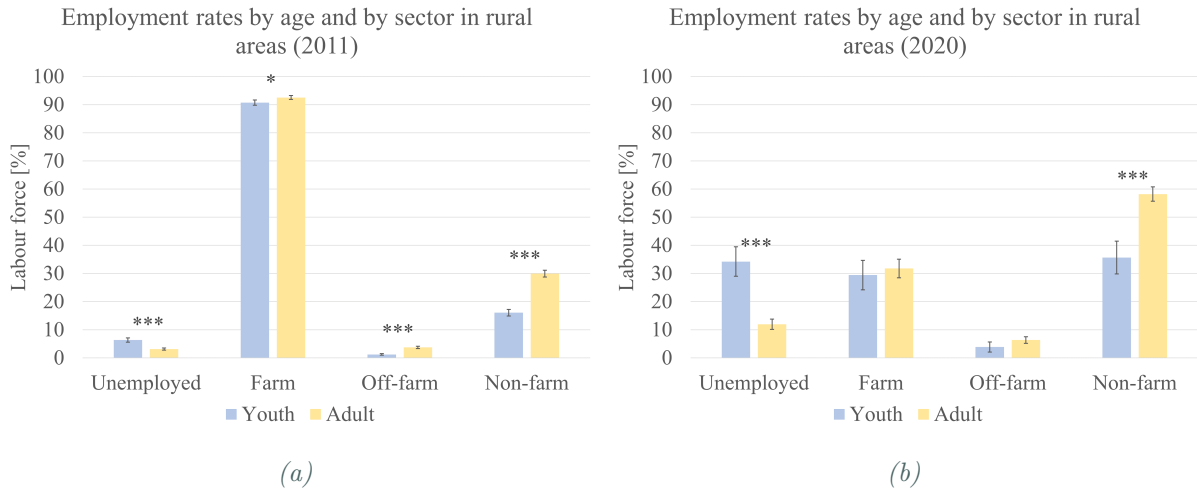


Fig. B.7: Distribution of employment rate by sector and age in rural areas in 2011 (a) and 2020 (b). Author's estimates from Tanzania National Panel Survey (2011 and 2020). The significance is tested by a Student's *t*-test : \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$

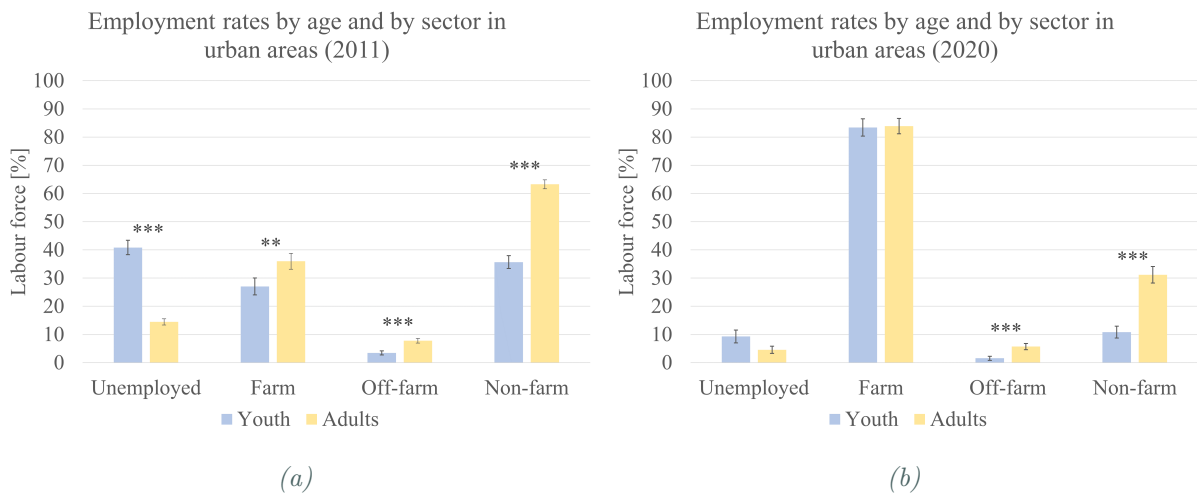


Fig. B.8: Distribution of employment rate by sector and age in urban areas in 2011 (a) and 2020 (b). Author's estimates from Tanzania National Panel Survey (2011 and 2020). The significance is tested by a Student's *t*-test : \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$