

Online Appendix

S1 Overlapping Support Sensitivity Analysis

Table S1.1: The Republic of Congo

	Men	Women	Difference	Normalized Difference
Monthly Self-Employment Income	199.45	116.21	83.25	0.24
Education (Categorical, 1-8)	5.45	4.81	0.64	0.32
Age in Years	36.12	36.86	-0.74	0.07
Marriage Dummy	0.68	0.58	0.10	0.28
Number of Children	1.29	1.83	-0.54	-0.22
Monthly Hours Worked	200.02	175.11	24.92	0.36
<i>Industry</i>				
Agriculture/Fishing	0.02	0.01	0.01	0.03
Mining/Energy	0.01	0.00	0.01	0.05
Manufacturing	0.15	0.11	0.04	0.07
Construction	0.16	0.00	0.16	.
Wholesale/Retail	0.45	0.82	-0.36	-1.20
Trans./Communication	0.10	0.01	0.09	0.25
Finance/Real Estate	0.00	0.00	0.00	.
Public Services	0.02	0.01	0.02	0.08
Other	0.09	0.05	0.04	0.09
Observations	354	550		

NOTE.- The sample consists of men and women aged 15-65 whose reported primary employment is self-employment. Industry variables represent the share of men (women) in each industry.

Table S1.2: Ghana

	Men	Women	Difference	Normalized Difference
Monthly Self-Employment Income	130.55	81.12	49.42	0.01
Education (Categorical, 1-8)	5.31	4.92	0.39	0.25
Age in Years	37.83	37.53	0.30	0.04
Marriage Dummy	0.62	0.61	0.01	0.02
Number of Children	1.67	2.11	-0.45	-0.17
Monthly Hours Worked	218.55	184.86	33.69	0.34
<i>Industry</i>				
Agriculture/Fishing	0.05	0.01	0.04	0.13
Mining/Energy	0.03	0.01	0.02	0.09
Manufacturing	0.29	0.31	-0.02	-0.03
Construction	0.00	0.00	0.00	0.05
Wholesale/Retail	0.44	0.54	-0.10	-0.20
Trans./Communication	0.02	0.06	-0.04	-0.10
Finance/Real Estate	0.07	0.00	0.07	0.22
Public Services	0.00	0.00	0.00	.
Other	0.09	0.06	0.02	0.05
Observations	903	2,474		

NOTE.- The sample consists of men and women aged 15-65 whose reported primary employment is self-employment. Industry variables represent the share of men (women) in each industry.

Table S1.3: Rwanda

	Men	Women	Difference	Normalized Difference
Monthly Self-Employment Income	44.12	18.40	25.72	0.11
Education (Categorical, 1-8)	2.55	2.35	0.20	0.09
Age in Years	32.09	32.50	-0.41	0.04
Marriage Dummy	0.50	0.42	0.08	0.15
Number of Children	2.95	3.08	-0.13	-0.08
Monthly Hours Worked	156.01	109.35	46.67	0.30
<i>Industry</i>				
Agriculture/Fishing	0.01	0.00	0.01	.
Mining/Energy	0.04	0.01	0.04	0.13
Manufacturing	0.10	0.09	0.01	0.03
Construction	0.01	0.00	0.01	.
Wholesale/Retail	0.58	0.81	-0.23	-0.89
Trans./Communication	0.09	0.00	0.08	0.24
Finance/Real Estate	0.01	0.00	0.01	.
Public Services	0.00	0.00	0.00	0.02
Other	0.16	0.09	0.07	0.13
Observations	799	843		

NOTE.- The sample consists of men and women aged 15-65 whose reported primary employment is self-employment. Industry variables represent the share of men (women) in each industry.

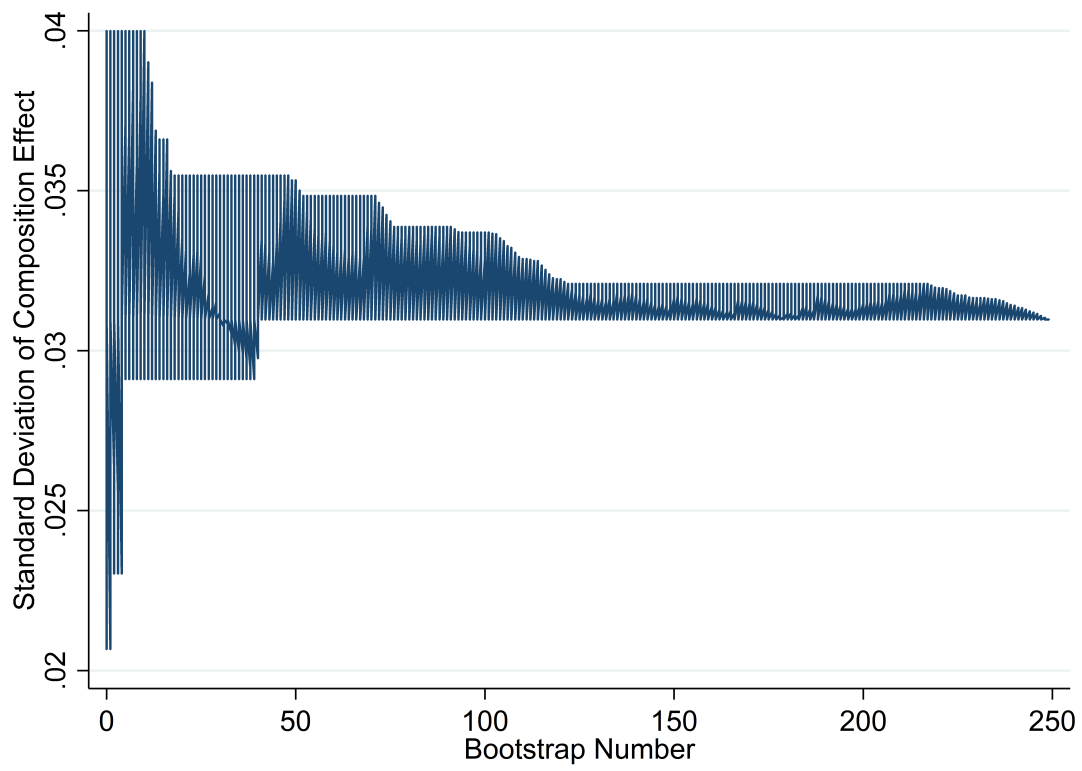
Table S1.4: Tanzania

	Men	Women	Difference	Normalized Difference
Monthly Self-Employment Income	81.60	44.32	37.27	0.18
Education (Categorical, 1-8)	3.18	3.09	0.09	-0.58
Age in Years	34.41	33.55	0.86	-0.01
Marriage Dummy	0.68	0.58	0.10	0.28
Number of Children	1.98	2.17	-0.19	-0.14
Monthly Hours Worked	257.60	209.31	48.29	0.53
<i>Industry</i>				
Agriculture/Fishing	0.02	0.01	0.01	0.03
Mining/Energy	0.05	0.01	0.04	0.12
Manufacturing	0.14	0.18	-0.04	-0.06
Construction	0.05	0.00	0.05	.
Wholesale/Retail	0.64	0.77	-0.13	-0.49
Trans./Communication	0.05	0.00	0.05	.
Finance/Real Estate	0.01	0.00	0.01	0.08
Public Services	0.04	0.02	0.01	0.04
Other	0.01	0.01	-0.00	-0.00
Observations	2,796	2,284		

NOTE.- The sample consists of men and women aged 15-65 whose reported primary employment is self-employment. Industry variables represent the share of men (women) in each industry.

S2 Bootstrap Convergence

Figure S2.1: Convergence of Standard Error Term by Number of Bootstraps



S3 Descriptive OLS Results on Determinants of Self-Employment Profits

Dependent variable = Log(Monthly Self Employment Income in USD)									
Country	Congo		Ghana		Rwanda		Tanzania		
Female		-0.8722 [0.5366]		-1.0194 [0.6209]		-1.2774*** [0.4521]			-0.3674 [0.9055]
EducCat = 2	0.0722 [0.1253]	-0.4120* [0.2261]	-1.1695** [0.5558]	-1.5688*** [0.5882]	0.2443* [0.1327]	0.1312 [0.1995]	0.3741 [0.4047]		0.0147 [0.6415]
EducCat = 3	0.0161 [0.1413]	-0.3812 [0.2424]	-1.1658** [0.5599]	-1.4952** [0.6042]	0.7226*** [0.1432]	0.5166** [0.2119]	0.8203** [0.4015]		0.526 [0.6379]
EducCat = 4	0.3029*** [0.1152]	0.0618 [0.2033]	-1.4886*** [0.5538]	-1.8779*** [0.5779]					
EducCat = 5			-1.0324* [0.5569]	-1.0821* [0.5858]			0.7570* [0.4176]		0.6346 [0.6588]
EducCat = 6			-0.9159* [0.5540]	-1.1222* [0.5738]	1.4304*** [0.2092]	1.5160*** [0.3128]	1.2186*** [0.4064]		0.7465 [0.6426]
EducCat = 7	0.3136** [0.1339]	-0.0959 [0.2190]	-0.9243 [0.5624]	-1.3534** [0.5873]	2.2116*** [0.3293]	2.0232*** [0.4237]	1.7236*** [0.4605]		1.2246* [0.6839]
EducCat = 8	0.6295*** [0.1637]	0.1045 [0.2355]	-0.7441 [0.5586]	-0.9645* [0.5579]	3.0595*** [0.4680]	2.7744*** [0.4945]	1.7412*** [0.6118]		1.0801 [1.0065]
Female X EducCat = 2		0.7170*** [0.2702]		0.3833* [0.2247]		0.0692 [0.2675]			0.3305 [0.8137]
Female X EducCat = 3		0.6099** [0.2973]		0.3004 [0.2744]		0.2846 [0.2880]			0.1993 [0.8076]
Female X EducCat = 4				-0.0969 [0.2229]					-0.0803 [0.8382]
Female X EducCat = 5				0.0924 [0.1778]		-0.0368 [0.4188]			0.5984 [0.8177]
Female X EducCat = 6		0.3871 [0.2460]		0.3733* [0.1905]					
Female X EducCat = 7		0.5729** [0.2793]		0.2898 [0.2591]		0.1924 [0.6709]			0.7799 [0.9781]
Female X EducCat = 8		0.7445** [0.3714]				1.5088 [1.9138]			0.9554 [1.2519]
Married	0.1257**	0.1424	0.0334	0.0831	0.3001***	0.4467***	0.1391***		0.3037***

	[0.0577]	[0.1045]	[0.0422]	[0.0902]	[0.1000]	[0.1483]	[0.0409]	[0.0591]
Female X Married		-0.1123		-0.072		-0.3701*		-0.3830***
		[0.1257]		[0.1022]		[0.2002]		[0.0815]
Age	0.0042	0.0090**	0.0059***	-0.0005	0.0133***	0.0063	0.0085***	0.0029
	[0.0026]	[0.0044]	[0.0017]	[0.0033]	[0.0041]	[0.0059]	[0.0018]	[0.0024]
Female X Age		-0.0048		0.0076*		0.0134		0.0072*
		[0.0055]		[0.0039]		[0.0082]		[0.0037]
Children	-0.0156	0.0229	0.0062	0.0279	0.0361*	0.0139	-0.0481***	-0.0371***
	[0.0188]	[0.0362]	[0.0118]	[0.0249]	[0.0216]	[0.0305]	[0.0106]	[0.0139]
Female X Children		-0.0229		-0.0186		0.0636		-0.0083
		[0.0425]		[0.0282]		[0.0429]		[0.0211]
Hours	0.0012***	0.0010*	0.0019***	0.0017***	0.0067***	0.0067***	0.0026***	0.0021***
	[0.0003]	[0.0005]	[0.0002]	[0.0004]	[0.0004]	[0.0005]	[0.0002]	[0.0003]
Female X Hours		-0.0002		0.0001		-0.0013		-0.0003
		[0.0007]		[0.0004]		[0.0008]		[0.0004]
Industry = Agriculture	0.2009	-0.0862	-0.0823	-0.1925	-0.5485	-0.5552	0.4101*	0.3916
	[0.4663]	[0.5520]	[0.3297]	[0.5048]	[0.7328]	[0.7271]	[0.2135]	[0.2443]
Industry = Mining/Nat Resource	0.354	0.2891	-0.7421***	-0.9598**	-1.0833	-0.7004	-0.1429	0.051
	[0.2221]	[0.3103]	[0.2786]	[0.4547]	[0.6933]	[0.6928]	[0.1854]	[0.2223]
Industry = Manufacturing	0.9537***	0.5660*	-0.5347	-1.1591	-0.0205	0.0161	0.4323**	0.3557
	[0.2364]	[0.3111]	[0.6180]	[0.7771]	[0.8964]	[0.8866]	[0.2105]	[0.2385]
Industry = Wholesale/Retail	0.198	0.1328	-0.6772**	-0.7393	-0.9391	-0.6757	0.1233	0.312
	[0.2109]	[0.2948]	[0.2779]	[0.4535]	[0.6811]	[0.6734]	[0.1809]	[0.2155]
Industry = Transp/Communication	0.7444***	0.402	-0.4147	-0.9389*	-0.9681	-1.0246	0.3163	0.2716
	[0.2500]	[0.3239]	[0.2893]	[0.5046]	[0.7163]	[0.7063]	[0.2202]	[0.2466]
Industry = Finance/Real Estate	3.0127***	2.5703***	0.0638	-0.3081	-0.712	-0.7008	0.9121***	0.8073***
	[0.8629]	[0.8733]	[0.3099]	[0.4735]	[0.9693]	[0.9596]	[0.2891]	[0.3101]
Industry = Public Services	0.5638*	-0.1052			0.1911	0.1912	0.1781	0.1889
	[0.3136]	[0.4072]			[1.1201]	[1.2539]	[0.2081]	[0.2467]
Industry = Other	0.3982*	0.1804	-0.7852***	-0.8020*	-1.2695*	-0.9134	0.3564	0.6038*
	[0.2369]	[0.3248]	[0.2868]	[0.4704]	[0.6891]	[0.6856]	[0.2855]	[0.3485]
Female X Industry = Agriculture		0.3756		-0.1691		0.895		-0.3351
		[1.0278]		[0.6786]		[0.9431]		[0.5161]
Female X Industry = Mining/Nat Resource		0.1124		0.3562		-0.0729		-0.349

		[0.4344]		[0.5728]		[0.3656]		[0.3841]
Female X Industry = Manufacturing				1.1262				
				[1.3864]				
Female X Industry = Wholesale/Retail				0.2707				1.3479
				[0.7375]				[1.1852]
Female X Industry = Transp/Communication		0.2772		0.178		0.3893		-0.3137
		[0.4129]		[0.5713]		[0.2596]		[0.3755]
Female X Industry = Finance/Real Estate		0.6269		0.7521		3.2697**		
		[0.6086]		[0.6186]		[1.5375]		
Female X Industry = Public Services		1.5341**						0.0206
		[0.6413]						[0.4332]
Female X Industry = Other		0.39		0.1084				-0.647
		[0.4635]		[0.5912]				[0.5806]
Constant	3.0323***	3.5407***	14.3189***	15.1890***	7.6529***	7.9682***	8.7120***	9.2757***
	[0.2672]	[0.3955]	[0.6247]	[0.7440]	[0.7055]	[0.7198]	[0.4464]	[0.6775]
Observations	937	937	3,160	3,160	1,173	1,173	3,688	3,688
R-squared	0.138	0.199	0.112	0.135	0.339	0.368	0.121	0.172

S4 Weighted and Unweighted Densities of Incomes

