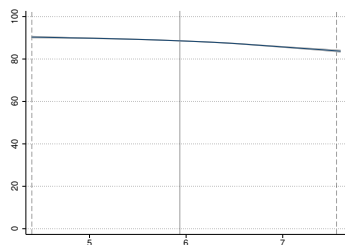


# Online Only Appendix for 'Informality, Consumption Taxes and Redistribution'

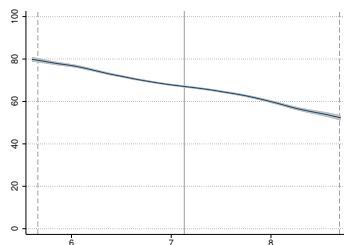
Pierre Bachas, Lucie Gadenne & Anders Jensen

## E Additional Figures and Tables

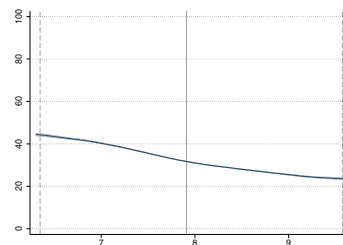
Figure E1: Informality Engel Curves



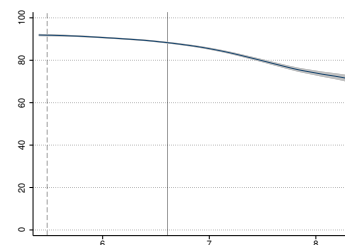
(a) Benin



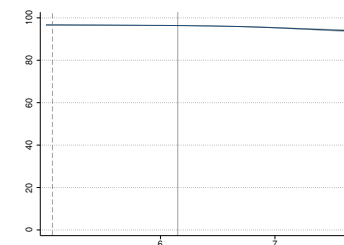
(b) Bolivia



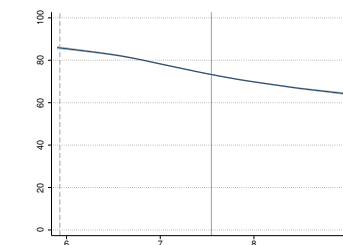
(c) Brazil



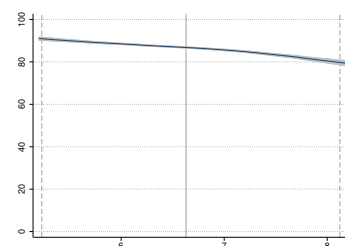
(d) Burkina Faso



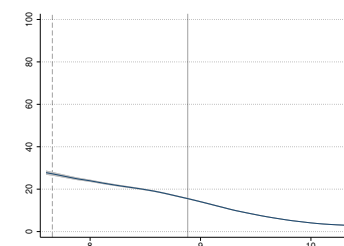
(e) Burundi



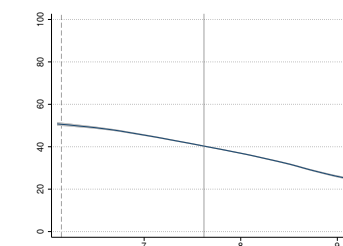
(f) Cameroon



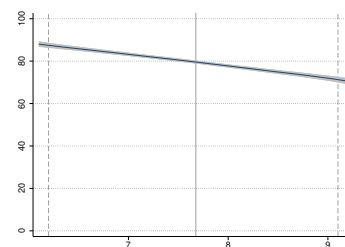
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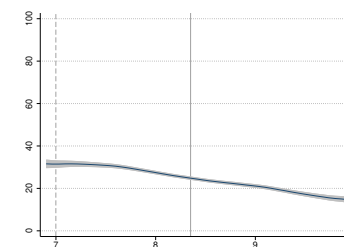
(h) Chile



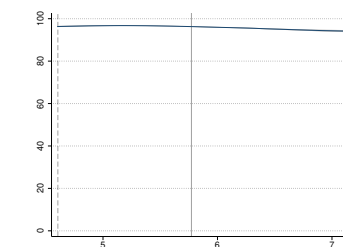
(i) Colombia



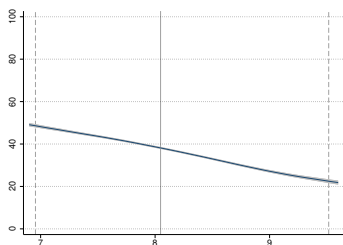
(j) Comoros



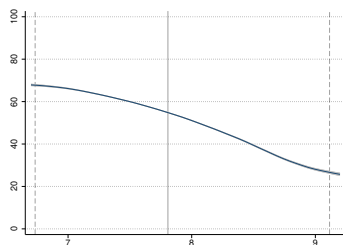
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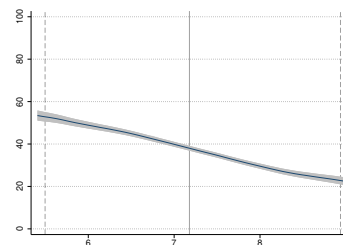
(l) Dem. Rep. of Congo



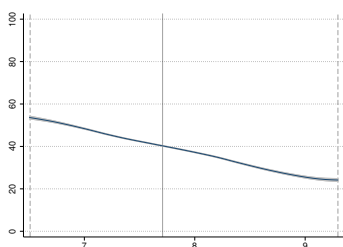
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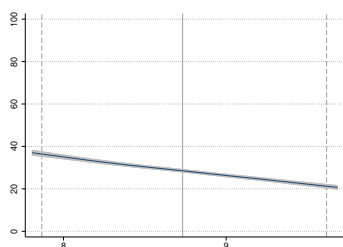
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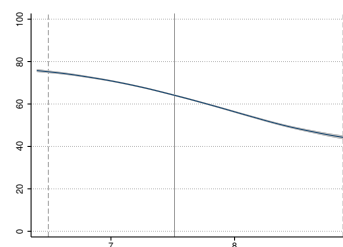
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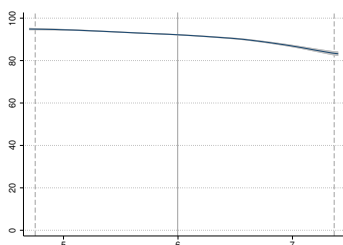
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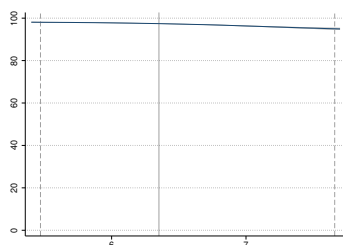
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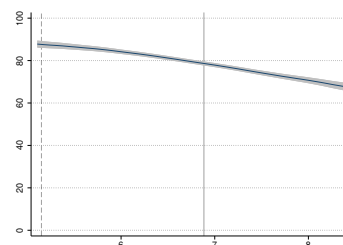
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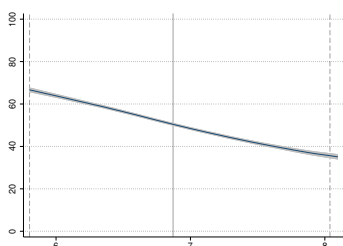
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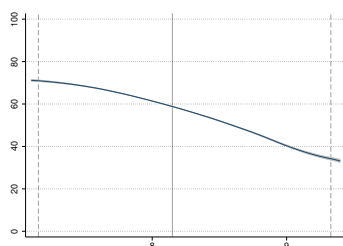
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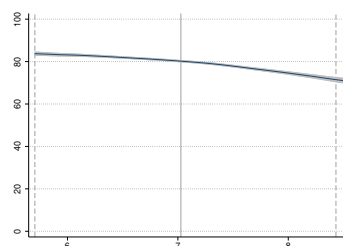
(u) Papua New Guinea



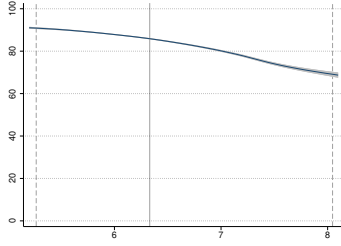
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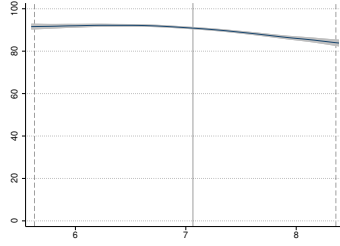
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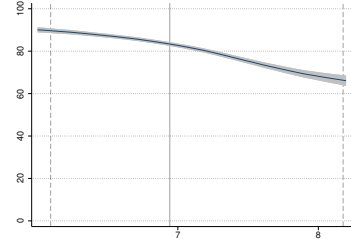
(x) Rep. of Congo



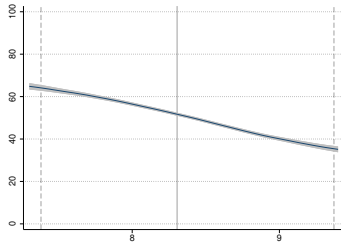
(y) Rwanda



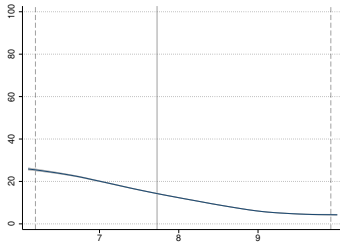
(z) Sao Tome



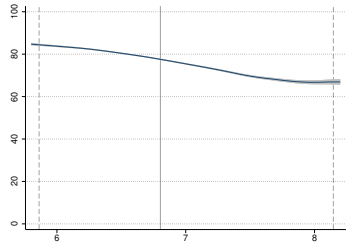
(aa) Senegal



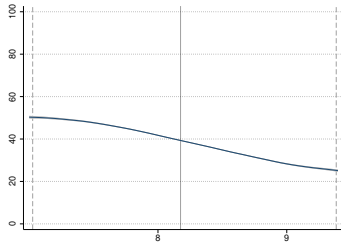
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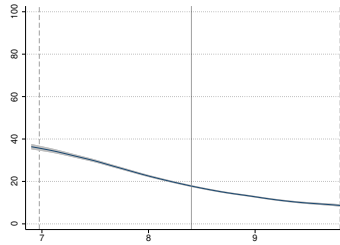
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(ad) Tanzania



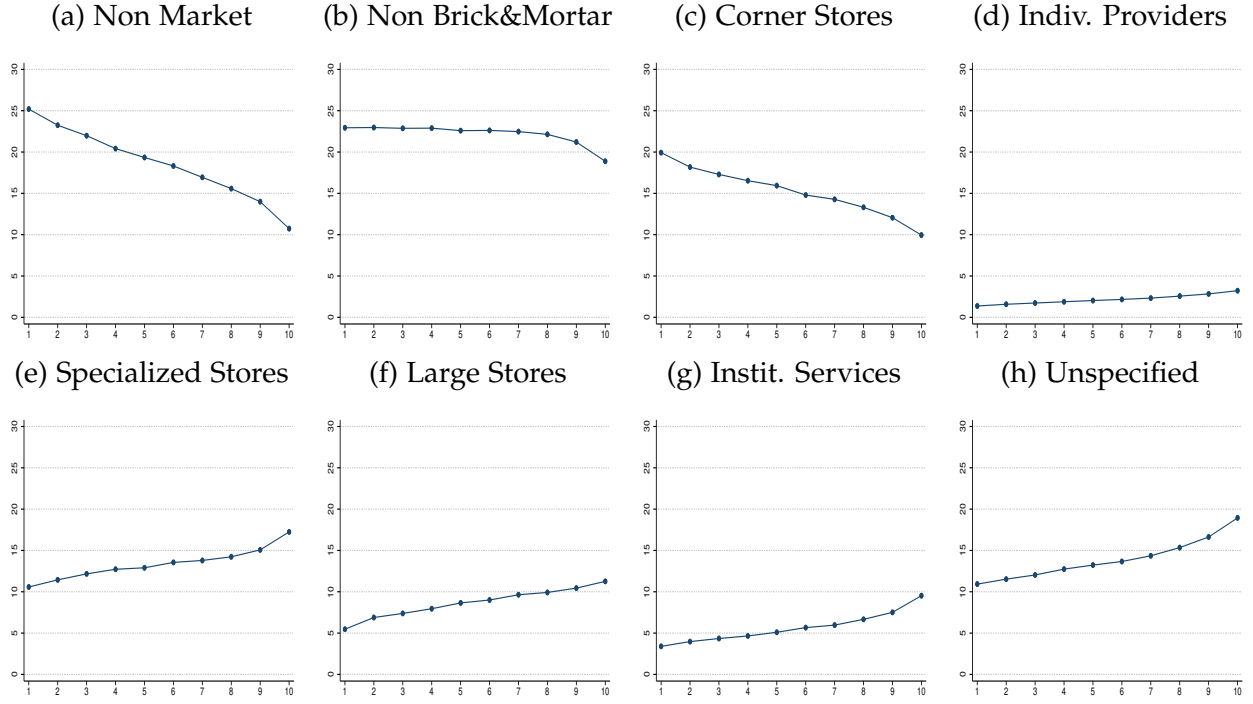
(ae) Tunisia



(af) Uruguay

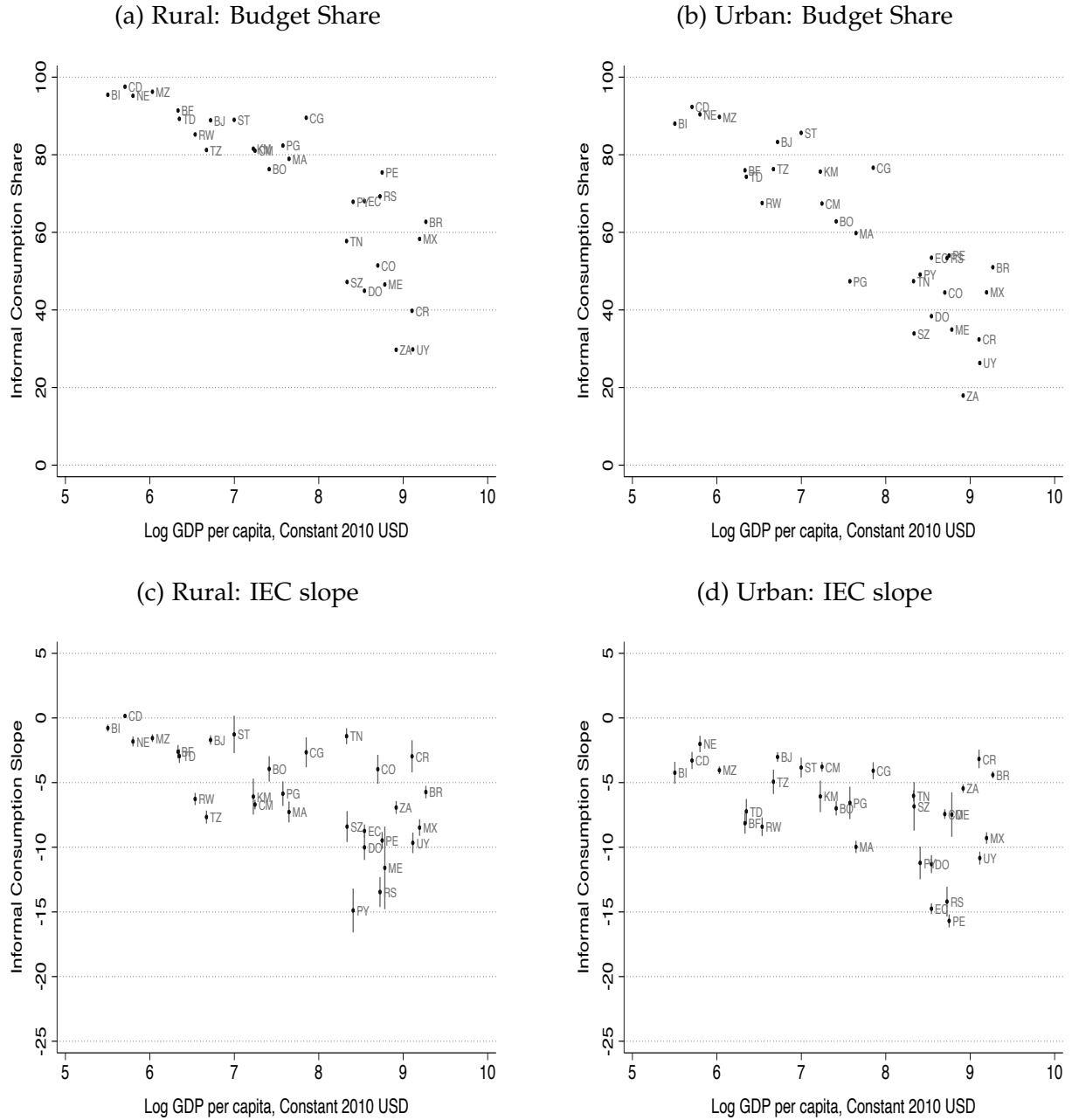
Local polynomial fit of the Informality Engel Curves in all 32 core sample countries. Per person total expenditure on the horizontal axis is measured in log. Informal budget share is on the vertical axis. The shaded area around the polynomial fit corresponds to the 95% confidence interval. The solid grey line corresponds to the median of each country's expenditure distribution, while the dotted lines correspond to the 5th and 95th percentiles. The construction of informality Engel curves is presented in section 4.1.

Figure E2: Average Expenditure of Each Decile by Place of Purchase



This figure shows the average expenditure of each decile across countries by type of retailer, following the retailer taxonomy described in section 3.2. Panel (a), (b), (c), (d) show the places of purchase classified as informal and Panel (e), (f), (g) and (h) show the places of purchase classified as formal in the central scenario of the paper.

Figure E3: Rural vs Urban Informal Consumption



This figure plots informality levels and the slopes of the informality Engel curves for households located in rural regions (graphs a and c) and urban regions (graphs b and d). It only contains 30 countries instead of 32, since the expenditure surveys in Chile and Senegal concern urban population only.

Table E1: IEC Slopes: Country Specific Formality Assignment

<b>Specification:</b>	<b>Main</b>		<b>Geography</b>		<b>Product Codes</b>				<b>All</b>
Avg. of 32 Countries	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Slope	9.2	9.9	8.5	7.6	6.4	5.9	5.7	5.2	3.9
Confidence Interval	[8.7,9.8]	[9.3,10.5]	[7.9,9.1]	[6.9,8.2]	[5.9,6.9]	[5.4,6.3]	[5.3,6.1]	[4.8,5.5]	[3.4,4.3]
# of p-values < 0.05	32	32	32	32	31	31	31	31	29
R <sup>2</sup> adjusted	0.20	0.22	0.28	0.44	0.45	0.53	0.53	0.53	0.57
Household Characteristics		X	X	X	X	X	X	X	X
Urban/Rural			X						
Survey Blocks				X					X
Food Products					X				
COICOP 2-dig						X			
COICOP 3-dig							X		
COICOP 4-dig								X	X

Table E2: IEC Slopes: VAT on Input

<b>Specification:</b>	<b>Main</b>		<b>Geography</b>		<b>Product Codes</b>				<b>All</b>
Avg. of 32 Countries	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Slope	9.6	10.4	8.9	7.9	6.9	6.4	6.2	5.7	4.3
Confidence Interval	[9.1,10.2]	[9.8,11.0]	[8.3,9.5]	[7.2,8.6]	[6.4,7.5]	[5.9,6.9]	[5.7,6.6]	[5.3,6.1]	[3.8,4.7]
# of p-values < 0.05	32	32	32	32	32	32	32	32	30
R <sup>2</sup> adjusted	0.20	0.23	0.29	0.44	0.44	0.51	0.52	0.51	0.55
Household Characteristics		X	X	X	X	X	X	X	X
Urban/Rural			X						
Survey Blocks				X					X
Food Products					X				
COICOP 2-dig						X			
COICOP 3-dig							X		
COICOP 4-dig								X	X

This table shows the (negative) average slope of the Informality Engel Curves across countries for different specifications. The first table uses the country specific formality probabilities of modern and traditional stores. The second table assumes a 10% pass-through of taxes to informal prices, based on our results for Mexico. Column 1, reports the slopes estimated from the following regression:  $Share\ Informal_{ip} = \beta_0 + \beta_1 \ln(expenditure_i) + \varepsilon_{ip}$  where  $Share\ Informal_{ip}$  is the share of household  $i$ 's informal expenditure on product  $p$ . Each observation is weighted using household survey weights and the expenditure share of the product. Average of lower and upper bound of 95% confidence intervals in brackets, from robust standard errors. Column 2 augments this regression with controls for household characteristics (household size, age, gender, education of head). Column 3 (4), adds fixed effects for urban/rural (survey enumeration blocks). Column 5, instead adds fixed effects for food versus non-food products. Columns 6/7/8, instead add fixed effects for product codes at 2nd/3rd/4th level of the COICOP classification. Column 9 adds household characteristics and fixed effects for survey blocks and COICOP-4.

Table E3: IEC Slopes by Country

Country	Main		Geography		Product Codes			All	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Benin	3.31 (0.15)	3.61 (0.16)	3.18 (0.16)	4.54 (0.22)	0.92 (0.16)	1.49 (0.11)	1.36 (0.10)	1.03 (0.10)	1.26 (0.15)
Bolivia	9.77 (0.29)	11.43 (0.33)	8.99 (0.38)	7.22 (0.44)	5.71 (0.29)	4.87 (0.19)	5.13 (0.18)	2.93 (0.16)	2.74 (0.25)
Brazil	7.60 (0.15)	7.98 (0.17)	7.07 (0.17)	6.41 (0.18)	7.50 (0.16)	7.15 (0.16)	7.79 (0.15)	8.11 (0.13)	6.64 (0.14)
Burkina Faso	9.71 (0.30)	10.56 (0.32)	7.58 (0.30)	6.89 (0.32)	7.97 (0.28)	5.20 (0.19)	4.92 (0.18)	3.73 (0.17)	2.39 (0.19)
Burundi	2.00 (0.16)	2.47 (0.17)	1.48 (0.17)	0.81 (0.18)	0.93 (0.17)	1.59 (0.12)	1.26 (0.10)	0.88 (0.10)	0.33 (0.12)
Cameroon	8.21 (0.13)	9.35 (0.14)	7.13 (0.16)	5.81 (0.22)	5.72 (0.13)	4.30 (0.12)	4.61 (0.10)	4.55 (0.09)	2.88 (0.13)
Chad	5.72 (0.29)	6.21 (0.30)	4.54 (0.30)	3.10 (0.37)	3.35 (0.25)	2.37 (0.19)	2.29 (0.16)	2.23 (0.15)	0.90 (0.22)
Chile	9.92 (0.20)	9.91 (0.21)	9.91 (0.21)	8.42 (0.25)	6.28 (0.17)	6.50 (0.17)	6.47 (0.16)	7.02 (0.15)	5.97 (0.17)
Colombia	9.76 (0.23)	10.52 (0.25)	10.56 (0.26)	8.32 (0.28)	5.31 (0.22)	6.51 (0.21)	4.28 (0.20)	3.22 (0.17)	3.37 (0.19)
Comoros	9.54 (0.58)	11.65 (0.71)	11.08 (0.74)	8.84 (0.82)	7.28 (0.58)	6.95 (0.47)	6.16 (0.42)	5.93 (0.37)	4.42 (0.56)
CongoDRC	1.35 (0.13)	2.22 (0.15)	1.23 (0.13)	2.63 (0.18)	1.62 (0.13)	1.82 (0.11)	1.57 (0.10)	1.36 (0.08)	1.39 (0.14)
Congo Rep	6.38 (0.34)	7.50 (0.36)	5.76 (0.36)	8.37 (0.47)	5.83 (0.28)	4.41 (0.23)	4.27 (0.20)	3.21 (0.18)	3.10 (0.27)
Costa Rica	7.22 (0.35)	8.60 (0.37)	7.72 (0.38)	5.95 (0.45)	7.25 (0.35)	8.44 (0.33)	10.60 (0.30)	10.69 (0.25)	8.84 (0.30)
Dominican Rep	14.39 (0.31)	14.89 (0.35)	14.48 (0.35)	11.78 (0.42)	5.70 (0.28)	4.76 (0.27)	4.57 (0.26)	3.52 (0.23)	2.36 (0.25)
Ecuador	19.11 (0.18)	20.90 (0.19)	19.11 (0.21)	16.57 (0.21)	13.02 (0.16)	12.22 (0.15)	11.92 (0.14)	12.34 (0.12)	9.46 (0.13)
Eswatini	11.64 (0.51)	12.38 (0.62)	11.55 (0.67)	12.56 (0.65)	10.17 (0.55)	10.47 (0.51)	10.89 (0.54)	10.05 (0.50)	9.88 (0.51)
Mexico	12.01 (0.20)	13.57 (0.23)	11.51 (0.24)	9.83 (0.25)	9.14 (0.22)	9.33 (0.20)	9.70 (0.20)	10.39 (0.16)	7.09 (0.19)
Montenegro	15.87 (0.79)	16.64 (0.89)	13.42 (0.90)	13.85 (1.00)	12.71 (0.75)	13.73 (0.66)	13.86 (0.67)	12.35 (0.51)	10.20 (0.56)
Morocco	16.85 (0.21)	18.11 (0.22)	14.05 (0.23)	12.09 (0.27)	12.35 (0.19)	10.57 (0.18)	4.34 (0.21)	2.14 (0.25)	0.00 (0.28)
Mozambique	5.46 (0.19)	6.27 (0.20)	5.05 (0.20)	5.36 (0.22)	5.35 (0.16)	3.94 (0.14)	3.26 (0.13)	2.44 (0.11)	2.07 (0.14)
Niger	2.14 (0.18)	2.56 (0.19)	2.10 (0.19)	2.12 (0.24)	1.67 (0.17)	0.00 (0.12)	0.00 (0.11)	0.00 (0.12)	0.00 (0.14)
Papua New Guinea	8.59 (0.49)	9.35 (0.49)	7.14 (0.50)	7.36 (0.52)	8.10 (0.43)	6.88 (0.40)	6.40 (0.38)	4.24 (0.30)	3.06 (0.32)
Paraguay	20.06 (0.53)	22.02 (0.54)	18.22 (0.64)	13.01 (0.83)	17.85 (0.50)	15.56 (0.43)	16.16 (0.41)	16.62 (0.30)	9.60 (0.43)
Peru	19.58 (0.22)	21.83 (0.23)	18.10 (0.24)	14.50 (0.27)	11.56 (0.16)	11.38 (0.18)	11.51 (0.18)	10.34 (0.15)	6.05 (0.17)
Rwanda	9.90 (0.19)	10.61 (0.20)	8.68 (0.20)	9.75 (0.25)	9.04 (0.18)	5.23 (0.12)	2.14 (0.08)	0.97 (0.08)	0.09 (0.09)
Sao Tome	4.07 (0.42)	4.53 (0.50)	4.62 (0.50)	4.92 (0.49)	3.38 (0.42)	2.71 (0.37)	2.45 (0.36)	2.08 (0.31)	2.49 (0.32)
Senegal	15.20 (0.67)	12.19 (0.74)	12.19 (0.74)	11.56 (0.84)	6.57 (0.63)	7.39 (0.59)	5.53 (0.57)	4.83 (0.56)	4.47 (0.65)
Serbia	20.91 (0.58)	24.24 (0.58)	22.74 (0.56)	23.03 (0.56)	13.67 (0.51)	10.48 (0.49)	9.50 (0.47)	9.48 (0.29)	8.47 (0.29)
South Africa	6.52 (0.11)	7.60 (0.13)	6.80 (0.14)	6.37 (0.16)	5.96 (0.12)	5.72 (0.11)	6.78 (0.09)	6.70 (0.08)	6.13 (0.10)
Tanzania	9.75 (0.22)	8.64 (0.22)	8.24 (0.23)	4.33 (0.30)	1.59 (0.22)	1.38 (0.16)	1.39 (0.15)	2.06 (0.13)	1.13 (0.17)
Tunisia	12.00 (0.14)	11.50 (0.15)	9.27 (0.16)	7.69 (0.19)	8.98 (0.14)	11.38 (0.11)	15.08 (0.14)	12.71 (0.23)	11.06 (0.26)
Uruguay	11.57 (0.25)	11.73 (0.27)	11.65 (0.28)	10.87 (0.32)	8.18 (0.24)	8.48 (0.22)	8.96 (0.22)	9.31 (0.19)	8.36 (0.21)
All Countries (Mean)	9.8	10.6	9.2	8.5	6.9	6.3	6.1	5.4	4.3
Household Characteristics		X	X	X	X	X	X	X	X
Urban/Rural			X						
Survey Blocks				X					X
Food Products					X			X	
COICOP 2-dig						X			
COICOP 3-dig							X		
COICOP 4-dig								X	X

This table shows the average slope of the Informal Engel curve across countries for different specifications. The slopes are estimated from:  $Share\ Informal_i = \beta \ln(expenditure\ pc)_i + \Gamma X_i + \varepsilon_i$ , where the dependent variable is the informal expenditure share and the explanatory variable is the log expenditure pp. Controls include household characteristics (household size, age, gender, and education of head), geographic indicators (urban/rural and survey enumeration blocks), and product codes for food compared to the rest and at the 2nd, 3rd and 4th level of the United Nation's COICOP classification.



Table E4: Main Reason for Choosing a Place of Purchase

Reason	Outcome: Share of purchases (in %)								
	Benin			Burundi			Comoros		
	Informal	Formal	All Stores	Informal	Formal	All Stores	Informal	Formal	All Stores
Access	39.3	29.9	39.0	49.9	41.5	49.8	38.6	16.4	36.2
Price	26.8	11.6	26.4	27.8	14.8	27.6	31.7	26.1	31.1
Quality	23.5	51.4	24.3	5.7	41.0	6.4	9.0	39.8	12.4
Store Attributes	7.6	3.3	7.4	3.8	0.8	3.7	14.3	6.0	13.4
Other	2.9	3.9	2.9	12.8	1.9	12.6	6.4	11.7	7.0

Reason	Dem. Rep of Congo			Morocco			Rep. of Congo		
	Informal	Formal	All Stores	Informal	Formal	All Stores	Informal	Formal	All Stores
Access	28.9	16.1	28.7	58.7	57.3	58.5	37.5	26.8	36.8
Price	34.4	27.2	34.3	22.5	6.4	20.1	33.3	20.0	32.4
Quality	16.3	46.5	16.6	3.9	19.7	6.3	12.2	45.0	14.3
Store Attributes	7.8	7.6	7.8	0.6	7.7	1.7	7.4	4.3	7.2
Other	12.7	2.7	12.6	14.3	8.9	13.5	9.7	3.8	9.3

The table reports the frequencies across all purchases by reason of choosing a place of purchase, and shows the average for the six countries in the core sample which ask this question. These countries are Benin, Burundi, Comoros, Congo Rep., Morocco and RD Congo. In all surveys seven reasons are listed which we classify into five categories as follows: access is defined as "The retailer is closer or more convenient" and "The good or service cannot be found elsewhere", price as "The good or services are cheaper", quality as "The goods or services are of better quality", store attributes as "The retailer offers credit" and "The retailer is welcoming or is a friend" and other as "Others reasons". Note that Morocco has a few additional small categories, which pertain to attributes of retailer. The table lists the frequency for all purchases of goods and excludes services, which are less comparable along these dimensions, although their inclusion does not impact the results.

Table E5: Country-Specific Places of Purchase

BENIN				CAMEROON				
Assigned	%	Original name	Classification	Assigned	%	Original name	Classification	
Formal	4.8	autre lieu d'achat formel sur le territoire	5 large stores	Formal	0.9	supermarche/grand magasin	5 large stores	
	0.6	achat dans un supermarche	5 large stores		4.0	magasin specialistes	4 specialized shops	
	0.9	achat dans un magasin ou un atelier formel	4 specialized shops		6.8	secteur transport	6 institutions	
	0.7	achat dans un magasin ou un atelier formel	4 specialized shops		3.2	presetation de services publics	6 institutions	
	9.4	achat au secteur public ou parapublic	6 institutions		3.0	cliniques	6 institutions	
	20.1	achat au domicile du vendeur, dans une pet	3 corner shops		5.1	hotels/bars/restaurants	8 entertainment	
	21.0	achat sur un marche public	2 no store front		8.8	epiceries/boutiques/echoppes	3 corner shops	
	19.2	achat chez un ambulant, ou poste fixe sur	2 no store front		22.4	marches	2 no store front	
Informal	14.2	bien ou service autoproduit	1 non-market	Informal	3.2	kiosque de jeux et call box	2 no store front	
	8.2	autre lieu d'achat informel (independant)	1 non-market		3.1	vente ambulante	2 no store front	
					0.8	vendeurs specialises hors magasins	2 no store front	
					15.2	don. cadeau recu	1 non-market	
					7.7	auto production	1 non-market	
					2.9	dans la nature/forit/brousse	1 non-market	
					2.3	domicile de vendeur	1 non-market	
					2.8	prestation de services individuels	7 service from individual	
Formal	0.9	supermercado	5 large stores	Unspec.	7.7	other	99 n.a./other	
	11.8	tienda especializada	4 specialized shops		CHAD			
	3.6	instituto educativo	6 institutions		Formal	0.7	supermarche	5 large stores
	1.3	institucionn de salud	6 institutions			5.7	boutique	4 specialized shops
	0.6	comunicacion	6 institutions			1.1	magasins	4 specialized shops
	1.5	hotel, bar, restaurante	8 entertainment			4.6	autre prestataire de service privee	6 institutions
	14.7	tienda de conveniencia	3 corner shops			1.0	autre prestataire de service public	6 institutions
	19.7	mercado	2 no store front			0.7	transport privee	6 institutions
4.0	feria	2 no store front	0.7	enseignement privee		6 institutions		
Informal	3.6	puesto/kiosco	2 no store front	Unspec.		0.6	prestataire service sante privee	6 institutions
	2.1	vendedor ambulante	2 no store front		0.6	enseignement public	6 institutions	
	1.9	de un hogar / transferencia	1 non-market		0.5	prestataire service sante public	6 institutions	
	1.5	auto consumo	1 non-market		1.6	hotel. restaurant. ..	8 entertainment	
	5.6	cantina	9 informal entertainment		0.4	echoppe	3 corner shops	
	25.8	other	99 n.a./other		30.4	marche centraux	2 no store front	
					25.6	marche de quartier ou specialiste	2 no store front	
					2.5	marchand ambulant	2 no store front	
Unspec.				Unspec.	1.1	tablier	2 no store front	
					16.7	self-consumption	1 non-market	
					5.0	other	99 n.a./other	
					CHILE			
					Formal	13.3	supermercados	5 large stores
						3.3	multitiendas	5 large stores
						0.9	distribuidoras - mayoristas	5 large stores
						26.5	tienda especializada	4 specialized shops
			4.9	comercio ambulante		4 specialized shops		
			2.4	farmacias		4 specialized shops		
			1.6	ferreterias y multiferreterias		4 specialized shops		
			2.0	clinicas		6 institutions		
Formal				Informal	1.0	extranjero	6 institutions	
					4.3	restaurantes y bares	8 entertainment	
					5.4	almacen tradicional	3 corner shops	
					0.5	otros establecimientos	3 corner shops	
					2.9	ferias libres	2 no store front	
					30.3	other	99 n.a./other	
					COLOMBIA			
					Formal	33.0	almacenes o supermercados de cadena y tien	5 large stores
			9.9	hipermercados		5 large stores		
			2.0	centrales mayoristas de abastecimiento		5 large stores		
			0.8	plazas de mercado y galerias		5 large stores		
			0.5	cooperativas. fondos de empleados y comisa		5 large stores		
			10.7	farmacias y droguerias		4 specialized shops		
			1.7	restaurantes		8 entertainment		
			13.3	miscellÁneas de barrio y cacharrerias		3 corner shops		
Informal				Unspec.	4.6	tiendas de barrio	3 corner shops	
					1.7	sanandresitos	2 no store front	
					1.4	ferias especializadas: artesanal. del hoga	2 no store front	
					1.1	persona particular	1 non-market	
					0.9	transfers. from household	1 non-market	
					0.5	self production	1 non-market	
					5.6	cafeterias y establecimientos de comidas	9 informal entertainment	
					10.5	other	99 n.a./other	
BURKINA FASO				COMOROS				
Formal	1.1	grands magasin	5 large stores	Formal	11.1	autre lieu d'achat formel	5 large stores	
	0.9	magasin de gros a petits prix	5 large stores		2.2	supermarche	5 large stores	
	3.8	station service (lubrifiants)	4 specialized shops		5.4	magasin. atelier formel (societe) tenu	4 specialized shops	
	1.8	pharmacie	4 specialized shops		2.6	magasin ou atelier formel (societe)	4 specialized shops	
	1.6	atelier, service reparation	4 specialized shops		5.9	secteur public ou parapublic	6 institutions	
	3.8	ecole, lycees, universite privas	6 institutions		2.4	hors lieu de residence ou a l'etranger	6 institutions	
	2.0	ecole, lycee, universite publics	6 institutions		31.6	domicile du vendeur. petite boutique	3 corner shops	
	1.2	clinique, laboratoire medical public	6 institutions		20.6	marche public	2 no store front	
Informal	0.9	telephone, eau, electricite	6 institutions	Informal	6.5	vendeur ambulant ou poste fixe sur voie	2 no store front	
	0.7	cabine telephone privee	6 institutions		6.3	autre lieu d'achat informel	1 non-market	
	1.4	bar, cafe, restaurant, hotel	8 entertainment		3.6	bien ou service autoproduit	1 non-market	
	12.4	boutique de quartier	3 corner shops		1.8	cadeau recu	1 non-market	
	1.2	quincaillerie (petite taille)	3 corner shops		CONGO DRC			
	38.6	marche	2 no store front		Formal	0.5	achat supermarche	5 large stores
	1.1	marchant ambulants	2 no store front			3.8	achat magasin non indo-pakistanaï	4 specialized shops
	0.7	kiosque ou echoppe quartier	2 no store front			3.2	achat magasin indo-pakistanaï	4 specialized shops
11.0	menage	1 non-market	3.1	achat secteur public		6 institutions		
6.7	bien ou service autoproduit	1 non-market	36.5	achat marche public		2 no store front		
1.5	cadeau recu en nature ou en espace	1 non-market	10.1	achat ambulant		2 no store front		
2.5	autres service privas	7 service from individual	5.8	autre lieu informel		2 no store front		
1.3	service de transport prive	7 service from individual	17.9	achat domicile		1 non-market		
Unspec.	0.4	other	99 n.a./other	Unspec.	17.5	bien ou service autoproduit	1 non-market	
					1.4	cadeau recu	1 non-market	
					0.1	other	99 n.a./other	
BURUNDI								
Formal	5.5	autre lieu d'achat formel	5 large stores	Formal	0.5	achat supermarche	5 large stores	
	1.4	magasin, atelier formel (societe) tenu	4 specialized shops		3.8	achat magasin non indo-pakistanaï	4 specialized shops	
	0.7	magasin ou atelier formel (societe)	4 specialized shops		3.2	achat magasin indo-pakistanaï	4 specialized shops	
	3.3	secteur public ou parapublic	6 institutions		3.1	achat secteur public	6 institutions	
	0.7	hors lieu de residence ou a l'etranger	6 institutions		36.5	achat marche public	2 no store front	
	17.7	autre lieu d'achat informel	3 corner shops		10.1	achat ambulant	2 no store front	
	29.6	marche public	2 no store front		5.8	autre lieu informel	2 no store front	
	24.7	domicile du vendeur, petite boutique	2 no store front		17.9	achat domicile	1 non-market	
Informal	4.7	vendeur ambulant ou poste fixe sur voie	2 no store front	Unspec.	17.5	bien ou service autoproduit	1 non-market	
	10.5	bien ou service autoproduit	1 non-market		1.4	cadeau recu	1 non-market	
	1.1	cadeau recu	1 non-market		0.1	other	99 n.a./other	

COSTA RICA				ESWATINI							
Assigned	%	Original name	Classification	Assigned	%	Original name	Classification				
Formal	17.0	supermercado	5 large stores	Formal	27.6	supermarket	5 large stores				
	1.3	tienda de departamentos	5 large stores		5.6	clothes/footwear/linen	4 specialized shops				
	11.3	local especializado	4 specialized shops		1.7	hardware store	4 specialized shops				
	4.2	gasolinera y estacion de servicio	4 specialized shops		1.4	butchery	4 specialized shops				
	3.6	tienda de ropa, zapateria, perfumeria	4 specialized shops		5.8	grocery	3 corner shops				
	1.1	carniceria pescaderia	4 specialized shops		0.6	spaza	3 corner shops				
	1.0	salones de estetica o belleza	4 specialized shops		4.0	street vendor	2 no store front				
	1.9	laboratorio, clinica, centro medico	6 institutions		1.9	market	2 no store front				
	1.1	en el exterior	6 institutions		7.0	self production	1 non-market				
	3.9	restaurante, soda, cafeteria, heladeria	8 entertainment		5.5	gifts/transfers	1 non-market				
Informal	3.4	almacen de electrodomesticos y de tecnol	8 entertainment	Unspec.	38.8	other	99 n.a./other				
	1.7	comedor en lugar de trabajo	8 entertainment		MEXICO	Formal	11.5	supermercados	5 large stores		
	0.8	retiro del negocio	8 entertainment				2.1	tiendas departamentales	5 large stores		
	6.2	pulperia o minisuper	3 corner shops				1.0	tiendas con membresia	5 large stores		
	2.4	vendedor ambulante o a domicilio	2 no store front				21.3	tiendas especificas del ramo	4 specialized shops		
	0.8	local de articulos usados	2 no store front				0.7	diconsa	6 institutions		
	8.9	recibido o comprado a otros hogares	1 non-market				0.5	compras fuera del pais	6 institutions		
	Unspec.	25.1	other				99 n.a./other	2.4	restaurantes	8 entertainment	
	Formal	DOMINICAN REPUBLIC					Informal	12.9	tiendas de abarrotes	3 corner shops	
		3.9	tienda por departamentos					5 large stores	0.6	tiendas de conveniencia	3 corner shops
3.6		supermercados	5 large stores	5.7				persona particular	2 no store front		
2.3		farmacias	4 specialized shops	3.7	mercado	2 no store front					
1.4		salon de belleza	4 specialized shops	3.1	vendedores ambulantes	2 no store front					
1.2		tienda de ropa	4 specialized shops	2.0	tianguis o mercado sobre ruedas	2 no store front					
1.2		tienda de electrodomesticos	4 specialized shops	2.6	loncherias, fondas, torterias, cocina	9 informal entertainment					
1.1		taller de mecanica en general, desabulladu	4 specialized shops	29.2	other	99 n.a./other					
1.0		ferreterias	4 specialized shops	MONTENEGRO	Formal	17.2		supermarket	5 large stores		
0.8		carniceria	4 specialized shops			36.2		store	4 specialized shops		
0.7	tienda de respuestos de vehiculos	4 specialized shops	5.3			stall	2 no store front				
0.6	puesto de rifa de aguante y loteria electr	4 specialized shops	5.3			own production	1 non-market				
0.5	peluqueria	4 specialized shops	Unspec.			35.8	other	99 n.a./other			
3.5	estacionn de gasolina	6 institutions	MOROCCO			Formal	0.7	supermarket or hypermarket	5 large stores		
2.0	clinica	6 institutions					5.2	butcher or retail chicken seller	4 specialized shops		
1.9	envasadora de gas	6 institutions					3.1	pharmacy	4 specialized shops		
1.8	comedor popular	6 institutions					1.9	craftsman s shop (hairdresser. tailor. etc	4 specialized shops		
1.7	corporacion de electricidad	6 institutions					1.7	shop for selling furniture and durable ite	4 specialized shops		
1.5	colegio	6 institutions		1.4	modern clothes shop		4 specialized shops				
1.3	hospitales	6 institutions		1.0	gas stations (benzine. etc.)		4 specialized shops				
1.2	compania de telefonos	6 institutions		0.8	bookshop (small bookshop or kiosk in the n		4 specialized shops				
20.5	colmado	3 corner shops		0.7	pastry shop. bakery or snack-bars		4 specialized shops				
0.7	almacen de provisiones	3 corner shops		0.5	retail fish seller		4 specialized shops				
Informal	3.2	vendedora ambulante	2 no store front	6.4	public and semi public agencies	6 institutions					
	1.2	mercados	2 no store front	2.1	regular transportation means (bus. train.	6 institutions					
	1.0	puestos de venta	2 no store front	2.1	medical care in a private institution	6 institutions					
	0.6	picapollo	2 no store front	1.2	public administration	6 institutions					
	1.9	autosuministro	1 non-market	1.1	public baths. shower. swimming pool	6 institutions					
	1.5	cafeteria	9 informal entertainment	0.7	private education institution	6 institutions					
	Unspec.	29.5	other	99 n.a./other	0.5	banks. financing institutions and insuranc	6 institutions				
	Formal	ECUADOR			Informal	16.2	neighbourhood or village grocer	3 corner shops			
		4.1	supermercados de cadena	5 large stores		3.1	grocers	3 corner shops			
		1.2	hipermercados	5 large stores		0.5	greengrocers	3 corner shops			
4.2		ropa de todo tipo	4 specialized shops	17.9		weekly market	2 no store front				
2.2		electrodomesticos y accesorios	4 specialized shops	4.4		neighbourhood market	2 no store front				
2.0		calzado de todo tipo	4 specialized shops	2.0		itinerant merchant selling on sidewalks	2 no store front				
1.8		otros sitios de compra especializados	4 specialized shops	0.9		city market or central market	2 no store front				
1.4		librerias y papelerias	4 specialized shops	4.7		self-production	1 non-market				
1.2		panaderas	4 specialized shops	1.2		cafe. non standing restaurant	9 informal entertainment				
1.2		maticas automotrices	4 specialized shops	Unspec.		13.8	other	99 n.a./other			
Informal	1.1	gasolineras	4 specialized shops	MOZAMBIQUE	Formal	35.8	outro	4 specialized shops			
	1.0	salas de belleza	4 specialized shops			11.5	loja	4 specialized shops			
	0.8	muebles y encerres	4 specialized shops			16.5	mercado informal	2 no store front			
	0.6	tercena/carnicera	4 specialized shops			11.9	mercado	2 no store front			
	0.5	repuestos de automotores	4 specialized shops			24.0	auto produco	1 non-market			
	5.2	boticas y farmacias	4 specialized shops			NIGER	Formal	0.1	supermarche/grand magasin	5 large stores	
	5.0	establecimientos educativos	6 institutions					3.1	secteur transport	6 institutions	
	2.3	transporte de pasajeros	6 institutions					1.4	clinique. laboratoire. ecole	6 institutions	
	2.2	establecimientos privados de salud	6 institutions					32.8	epicerie. boutique	3 corner shops	
	1.9	servicios profesionales (abogados. arqu)	6 institutions					19.2	marche	2 no store front	
1.2	venta por catalogo o television	6 institutions	4.8	vente ambulante	2 no store front						
0.9	bahas, ipiales	6 institutions	17.6	auto production	1 non-market						
0.6	instituciones publicas	6 institutions	9.7	prestation services publiques	1 non-market						
0.6	aseguradoras	6 institutions	3.8	cadeau recu	1 non-market						
2.4	restaurants, salones	8 entertainment	6.6	prestation service individuels	7 service from individual						
Informal	0.5	centros. serv. de recreacion. estadios	8 entertainment	Informal	0.1	supermarche/grand magasin	5 large stores				
	13.1	tiendas de barrio	3 corner shops		3.1	secteur transport	6 institutions				
	1.6	bodegas, distribuidores	3 corner shops		1.4	clinique. laboratoire. ecole	6 institutions				
	10.6	mercados	2 no store front		32.8	epicerie. boutique	3 corner shops				
	2.1	vendedores ambulantes	2 no store front		19.2	marche	2 no store front				
	1.1	ferias libres	2 no store front		4.8	vente ambulante	2 no store front				
	11.4	productos autoconsumo. autosuministro	1 non-market		17.6	auto production	1 non-market				
	1.0	personas particulares	7 service from individual		9.7	prestation services publiques	1 non-market				
	Unspec.	8.5	other		99 n.a./other	3.8	cadeau recu	1 non-market			
						6.6	prestation service individuels	7 service from individual			

PAPUA NEW GUINEA				SAO TOME			
Assigned	%	Original name	Classification	Formal			
Formal	34.5	supermarket	5 large stores		5.4	grandes lojas	5 large stores
Informal	9.4	small shop. canteen. tuck shop	3 corner shops		5.4	lojas modernas	5 large stores
	10.5	local market	2 no store front		1.3	outros comercios modernos	4 specialized shops
	3.8	street vendor	2 no store front		0.8	sector de transportes	6 institutions
	14.2	home production	1 non-market	Informal	1.0	hotels. restaurantes. bares. cafes	8 entertainment
	10.2	gift	1 non-market		33.6	quiosque / quitanda	3 corner shops
Unspec.	17.6	other	99 n.a./other		23.9	mercado	2 no store front
					7.8	vendedor ambulante	2 no store front
					5.9	agregados	1 non-market
					4.5	prestates de servicios publicos	1 non-market
					1.9	auto consumo	1 non-market
					0.9	campo. mato	1 non-market
					0.6	autoabastecimento	1 non-market
					3.8	prestates de servicios individuais	7 service from individual
					1.6	candongueiro	7 service from individual
					0.1	other	99 n.a./other
PARAGUAY				SENEGAL			
Assigned	%	Original name	Classification	Formal			
Formal	13.2	supermercado	5 large stores		0.4	magasins de gros ou a prix reduits	5 large stores
	4.4	estacion de servicio	4 specialized shops		2.6	station service (carburants. lubrifiants.e	4 specialized shops
	2.8	farmacia	4 specialized shops		1.0	boulangerie, patisserie	4 specialized shops
	1.6	empresa de transporte	4 specialized shops	Unspec.	0.6	boucherie	4 specialized shops
	1.5	carniceria	4 specialized shops		1.1	societe de telephonie et de distributi	6 institutions
	0.7	muebleria	4 specialized shops	Assigned	0.9	service de transport public	6 institutions
	0.6	joyerias	4 specialized shops	Formal	0.5	ecole. lycee. universitee prives	6 institutions
	0.6	peluqueria	4 specialized shops		7.4	bar, cafe, restaurant, hotel	8 entertainment
	0.6	libreria	4 specialized shops		34.7	boutique de quartier	3 corner shops
	2.8	cubierto por el seguro	6 institutions	Informal	28.5	marches	2 no store front
	0.8	instituto	6 institutions		6.9	kiosque ou échoppe au quartier	2 no store front
	1.4	restaurantes y o bares	8 entertainment		1.0	marchand ambulant	2 no store front
Informal	13.6	despensa	3 corner shops		2.2	cadeau recu en nature	1 non-market
	4.8	puesto fijo	3 corner shops		1.2	bien ou service autoproduit	1 non-market
	2.4	tienda	3 corner shops		4.6	service de transport privé	7 service from individual
	2.6	ambulante	2 no store front		1.3	autres services prives	7 service from individual
	1.9	mercado	2 no store front	Unspec.	1.7	other	99 n.a./other
	4.8	regalado o pagado por algien miembro de	1 non-market				
	3.7	producido por el hogar	1 non-market				
	2.4	regalado o donado por algien programa so	1 non-market				
	2.2	retirado del negocio	1 non-market				
	1.5	como parte de pago a un miembro del hogar	1 non-market				
	3.0	consultorio privado	7 service from individual	Formal	8.9	hypermarket	5 large stores
Unspec.	22.4	other	99 n.a./other		23.8	specialized shop	4 specialized shops
					2.9	discounted shop	4 specialized shops
					29.6	minimarket	3 corner shops
					4.8	market/open	2 no store front
					1.8	gray economy	2 no store front
					5.3	own production/own business	1 non-market
					2.2	gifts/received transfers	1 non-market
				Unspec.	20.7	other	99 n.a./other
PERU				SERBIE			
Assigned	%	Original name	Classification	Formal			
Formal	2.0	supermercado	5 large stores		8.9	hypermarket	5 large stores
	0.6	bodega (x mayor)	5 large stores	Informal	23.8	specialized shop	4 specialized shops
	3.4	tienda especializada al por menor	4 specialized shops		2.9	discounted shop	4 specialized shops
	2.1	farmacia	4 specialized shops		29.6	minimarket	3 corner shops
	0.5	libreria	4 specialized shops		4.8	market/open	2 no store front
	2.0	empresas de transporte formales	6 institutions	Unspec.	1.8	gray economy	2 no store front
	0.9	centro de estudios	6 institutions		5.3	own production/own business	1 non-market
	0.8	grifos de empresas	6 institutions		2.2	gifts/received transfers	1 non-market
	0.6	restaurantes y/bares	8 entertainment		20.7	other	99 n.a./other
Informal	8.7	bodega (x menor)	3 corner shops				
	14.2	mercado (x menor)	2 no store front	Formal	38.6	chain store	5 large stores
	2.9	ambulante	2 no store front		11.2	other retailer	4 specialized shops
	2.0	mercado (x mayor)	2 no store front	Informal	2.7	other	2 no store front
	1.6	feria	2 no store front		0.9	street trading	2 no store front
	13.8	self-consumption	1 non-market	Unspec.	0.6	from a household	1 non-market
Unspec.	34.6	other	99 n.a./other		45.7	other	99 n.a./other
REPUBLIC OF CONGO				SOUTH AFRICA			
Assigned	%	Original name	Classification	Formal			
Formal	1.0	grands magasins	5 large stores		38.6	chain store	5 large stores
	7.0	autres commerces modernes	4 specialized shops		11.2	other retailer	4 specialized shops
	5.8	prestataires de services publics	6 institutions	Unspec.	2.7	other	2 no store front
	3.9	secteur transports	6 institutions		0.9	street trading	2 no store front
	2.5	cliniques, laboratoires médicaux	6 institutions	Formal	0.6	from a household	1 non-market
	3.9	hotels. restaurants. bars. cafes	8 entertainment		45.7	other	99 n.a./other
Informal	3.4	epicerie modernes	3 corner shops				
	42.8	marches	2 no store front	Formal	0.8	duka kubwa(department stores)	5 large stores
	8.4	échoppes sur marches et sur bord de route	2 no store front		36.9	shop	4 specialized shops
	6.2	marchands ambulants	2 no store front	Informal	15.8	market	2 no store front
	4.5	produit autoconsommés	1 non-market		2.5	street vendor	2 no store front
	3.9	ménages	1 non-market		25.0	produced by household	1 non-market
	5.5	prestataires de services individuels	7 service from individual	Unspec.	4.1	other household	1 non-market
					1.3	gift or free	1 non-market
					5.5	other	99 n.a./other
RWANDA				TANZANIA			
Assigned	%	Original name	Classification	Formal			
Formal	0.5	supermarket/big shop	5 large stores		0.8	duka kubwa(department stores)	5 large stores
	3.8	specialized shop	4 specialized shops		36.9	shop	4 specialized shops
	4.9	bar/restaurant	8 entertainment		15.8	market	2 no store front
Informal	18.4	small shop/boutique	3 corner shops		2.5	street vendor	2 no store front
	12.0	market	2 no store front		25.0	produced by household	1 non-market
	2.0	individual	2 no store front		4.1	other household	1 non-market
	0.9	mobile seller	2 no store front	Informal	1.3	gift or free	1 non-market
	25.7	self production	1 non-market		5.5	other	99 n.a./other
	3.0	from a household	1 non-market				
	11.2	service provider	7 service from individual				
Unspec.	17.8	other	99 n.a./other	Unspec.	1.2	hyper, supermarche	5 large stores
					60.4	boutique privee	4 specialized shops
					4.2	ambulant	2 no store front
					1.1	point de vente marche	2 no store front
					1.5	cadeau	1 non-market
					1.2	auto production	1 non-market
				Unspec.	30.3	other	99 n.a./other
				URUGUAY			
Assigned	%	Original name	Classification	Formal			
Formal	11.7	autoservicio. cadena de supermercados	5 large stores		11.7	autoservicio. cadena de supermercados	5 large stores
	1.0	shopping o galeria	5 large stores		1.0	shopping o galeria	5 large stores
	2.6	carniceria. polleria. pescaderia	4 specialized shops		2.6	carniceria. polleria. pescaderia	4 specialized shops
	2.3	merceria. tienda	4 specialized shops		2.3	merceria. tienda	4 specialized shops
	1.5	panaderia. confiteria	4 specialized shops		1.5	panaderia. confiteria	4 specialized shops
	1.3	casa de electrodomesticos. telefonos	4 specialized shops		1.3	casa de electrodomesticos. telefonos	4 specialized shops
	0.9	zapateria. marroquineria. talabarteria	4 specialized shops		0.9	zapateria. marroquineria. talabarteria	4 specialized shops
	0.7	farmacia. perfumeria. panalera	4 specialized shops		0.7	farmacia. perfumeria. panalera	4 specialized shops
	0.7	verduleria. puesto. fruteria	4 specialized shops		0.7	verduleria. puesto. fruteria	4 specialized shops
	0.8	fuera del pais	6 institutions		0.8	fuera del pais	6 institutions
	0.8	restaurante. parrillada	8 entertainment		0.8	restaurante. parrillada	8 entertainment
	0.5	cantina. trabajo. colegio	8 entertainment		0.5	cantina. trabajo. colegio	8 entertainment
	7.7	almacen	3 corner shops	Informal	7.7	almacen	3 corner shops
	1.5	feria vecinal	2 no store front		1.5	feria vecinal	2 no store front
	1.0	vendedor ambulante. puesto callejero. carr	2 no store front		1.0	vendedor ambulante. puesto callejero. carr	2 no store front
	0.7	quiosco. salon	2 no store front		0.7	quiosco. salon	2 no store front
	0.8	bar. pizzeria	9 informal entertainment		0.8	bar. pizzeria	9 informal entertainment
Unspec.	59.9	other	99 n.a./other	Unspec.	59.9	other	99 n.a./other