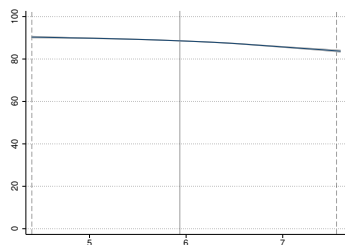


Online Only Appendix for 'Informality, Consumption Taxes and Redistribution'

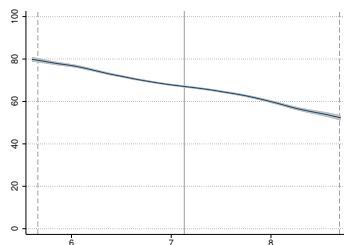
Pierre Bachas, Lucie Gadenne & Anders Jensen

E Additional Figures and Tables

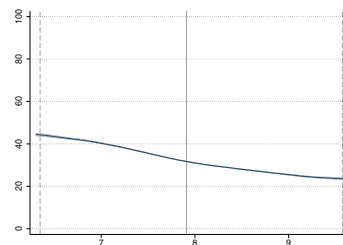
Figure E1: Informality Engel Curves



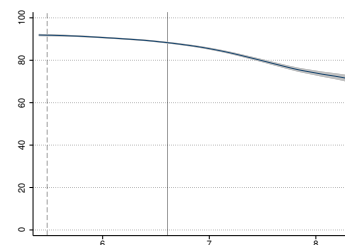
(a) Benin



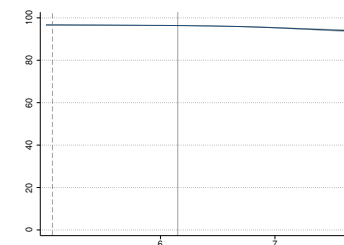
(b) Bolivia



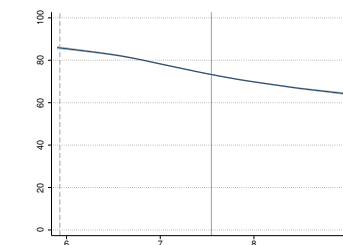
(c) Brazil



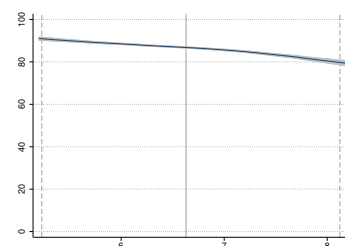
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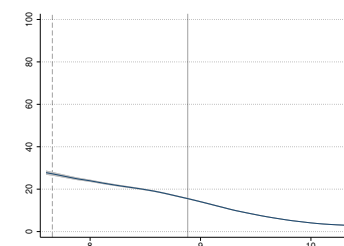
(e) Burundi



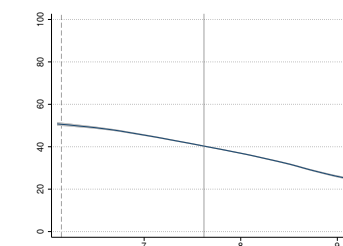
(f) Cameroon



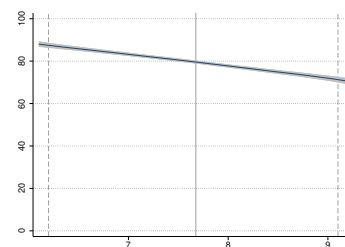
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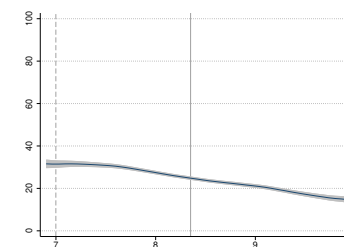
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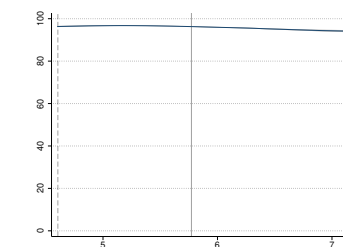
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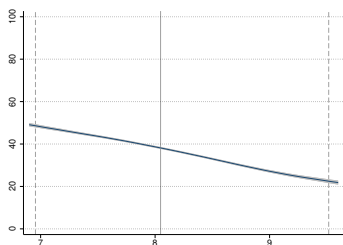
(j) Comoros



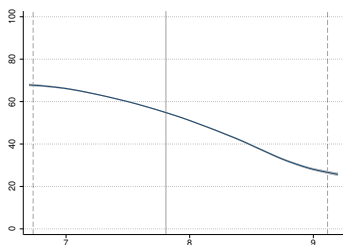
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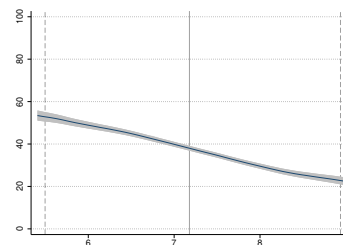
(l) Dem. Rep. of Congo



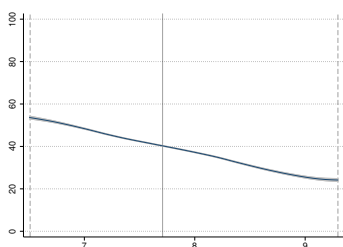
(m) Dominican Rep.



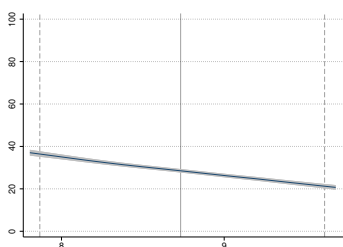
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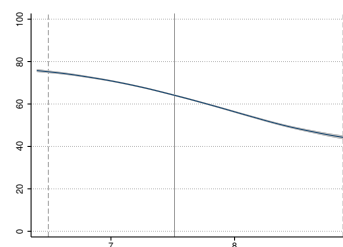
(o) Eswatini



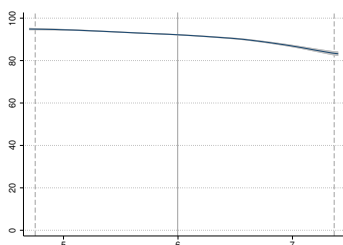
(p) Mexico



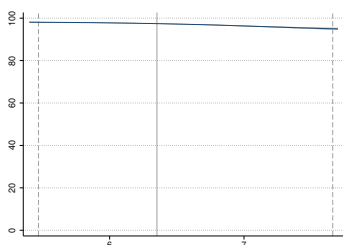
(q) Montenegro



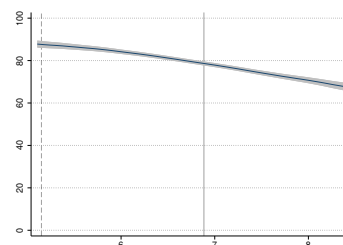
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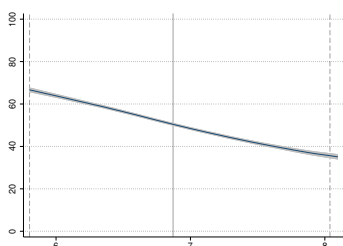
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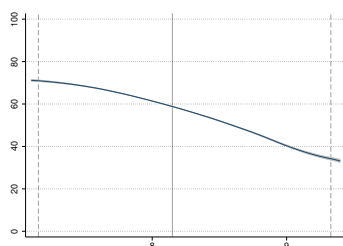
(t) Niger



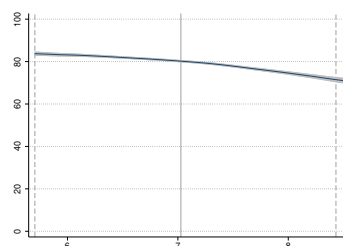
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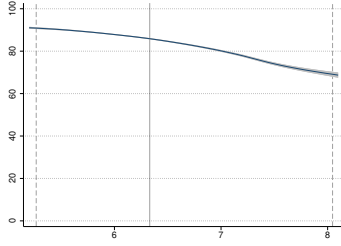
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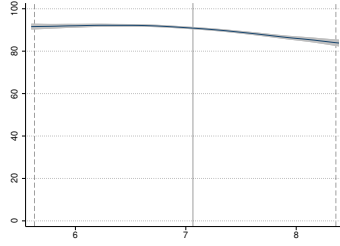
(w) Peru



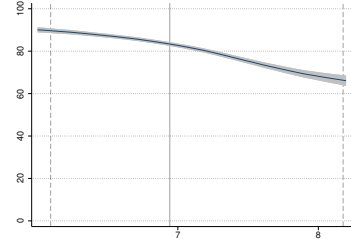
(x) Rep. of Congo



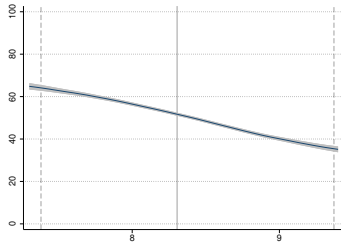
(y) Rwanda



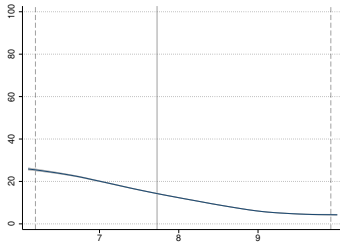
(z) Sao Tome



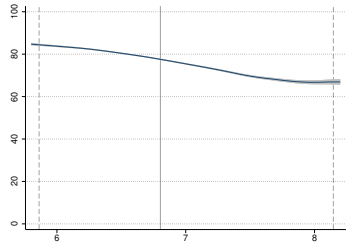
(aa) Senegal



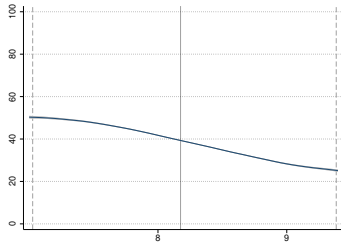
(ab) Serbia



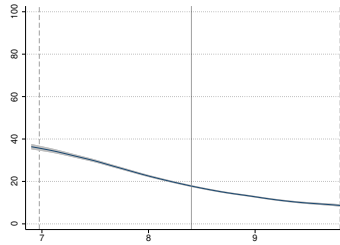
(ac) South Africa



(ad) Tanzania



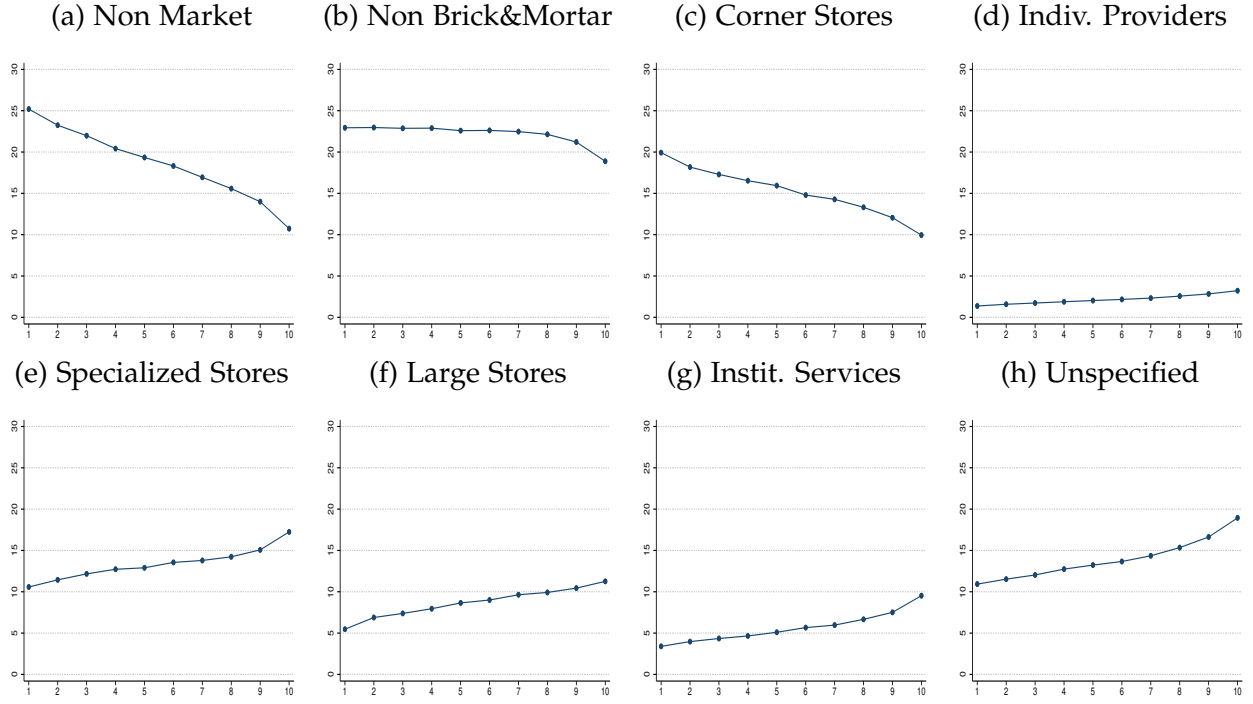
(ae) Tunisia



(af) Uruguay

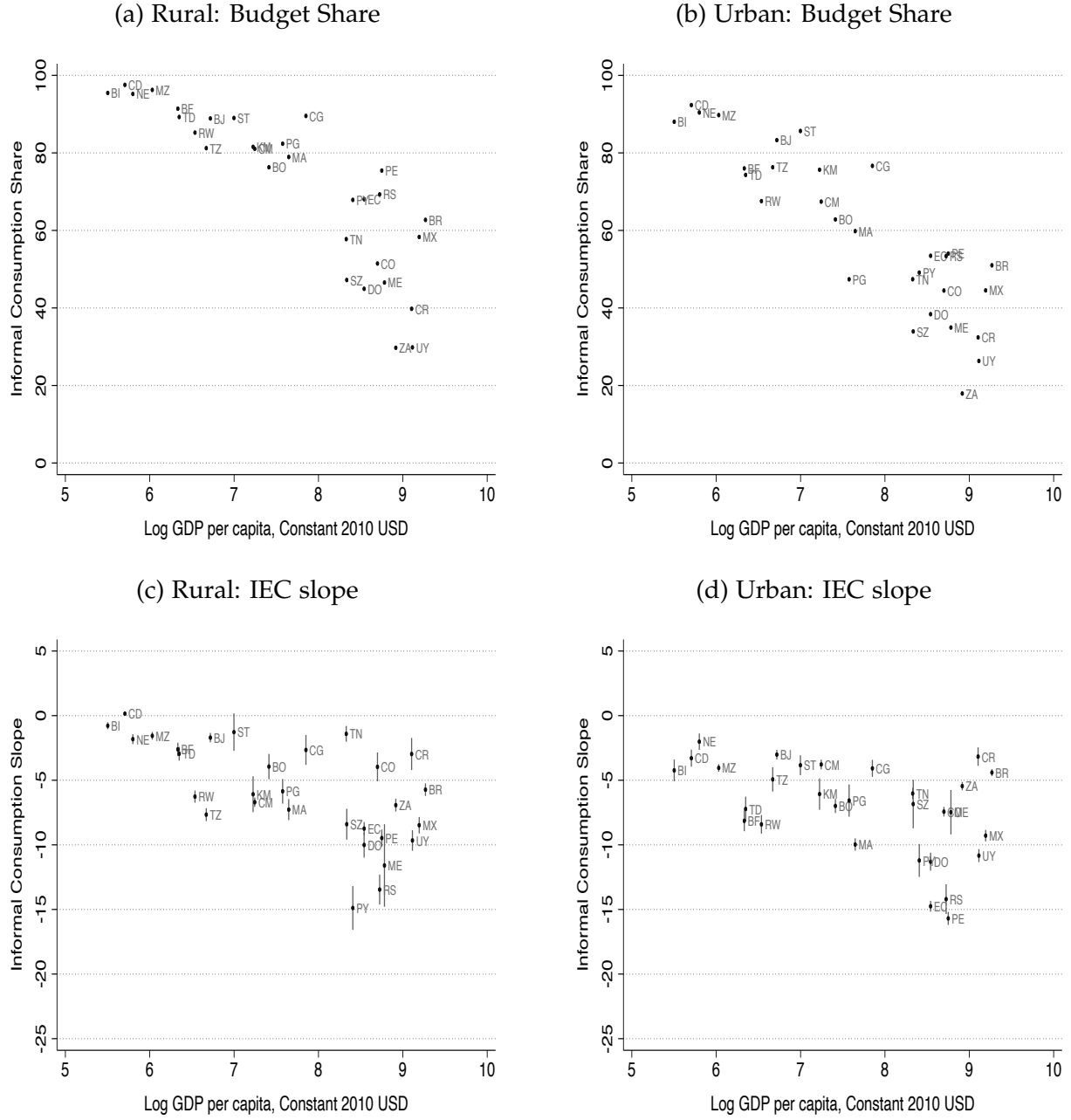
Local polynomial fit of the Informality Engel Curves in all 32 core sample countries. Per person total expenditure on the horizontal axis is measured in log. Informal budget share is on the vertical axis. The shaded area around the polynomial fit corresponds to the 95% confidence interval. The solid 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



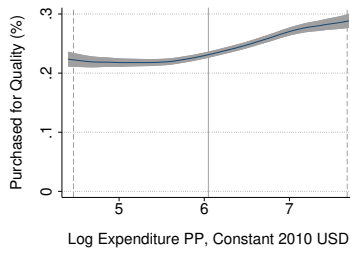
This figure plots informality levels and the slopes of the informality Engel curves for households located in rural regions (graphs a and c) and urban regions (graphs b and d). It only contains 30 countries instead of 32, since the expenditure surveys in Chile and Senegal concern urban population only.

Figure 1 consists of six scatter plots, labeled (a) through (f), arranged in a 3x2 grid. Each plot shows the relationship between 'Log GDP per capita, Constant 2010 USD' on the x-axis (ranging from 5 to 10) and 'Informal Consumption Slope' on the y-axis (ranging from -25 to 5). A horizontal line at y=0 represents the zero slope, and a shaded gray area around it indicates the confidence interval. Data points are labeled with two-letter codes representing different regions or countries.

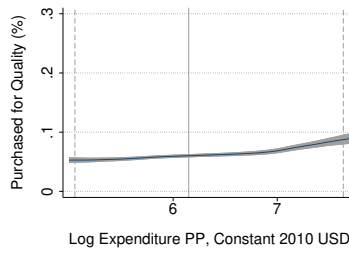
- (a) Control: Rural Location:** Shows a general downward trend, with most points below the zero line, indicating a negative relationship between GDP and the informal consumption slope.
- (b) Control: Survey Block:** Similar to (a), showing a negative relationship, though with more points clustered near the zero line at higher GDP levels.
- (c) Control: Food Goods:** Shows a clear negative relationship, with points generally sloping downwards from left to right.
- (d) Control: COICOP2 Goods:** Shows a negative relationship, with points generally sloping downwards.
- (e) Control: COICOP3 Goods:** Shows a negative relationship, with points generally sloping downwards.
- (f) Control: COICOP4 Goods:** Shows a negative relationship, with points generally sloping downwards.

7

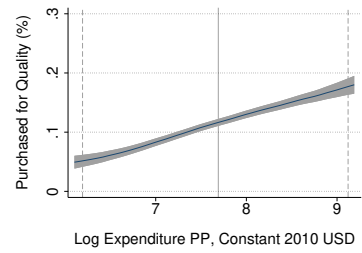
Figure E5: Share of Purchases where Store is Chosen for its Quality by Income



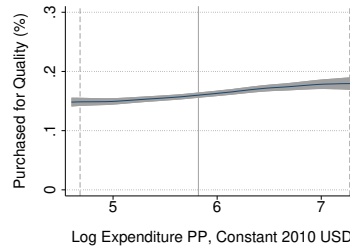
(a) Benin



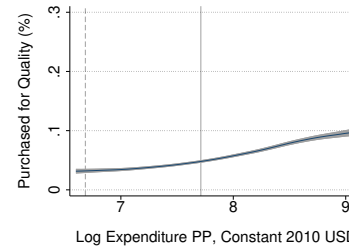
(b) Burundi



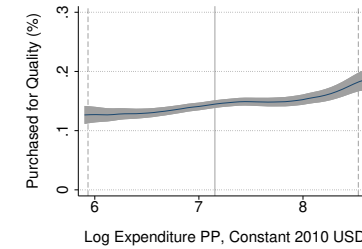
(c) Comoros



(d) Dem. Rep. of Congo



(e) Morocco



(f) Rep. of Congo

Local polynomial fit of the share of households buying any product for its quality on household's total expenditure per person (log), as discussed in Section 4.2. Each panel corresponds to one of the six countries, for which the expenditure survey asks respondents why they chose this place of purchase for each expenditure. The solid vertical line corresponds to the median household total expenditure, while the dotted lines correspond to the 5th and 95th percentile.

Table E1: IEC Slopes: Country Specific Formality Assignment

Specification:	Main		Geography		Product Codes				All
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 ² 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

Specification:	Main		Geography		Product Codes				All
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 ² 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: Traditional & Modern Retailers Average Size and VAT Exemption Thresholds

Country	Trad Store Sales (Mill. USD)	Modern Store Sales (Mill. USD)	VAT Threshold (Mill. USD)	Ratio Traditional (/VAT)	Ratio Modern (/VAT)
Benin	0.06	2.61	0.09	0.76	30.57
Bolivia	0.03	5.63	0.03	1.19	204.84
Brazil	0.06	2.83	0.61	0.10	4.65
Burkina Faso	0.11	3.12	0.09	1.32	36.60
Burundi	0.04	0.75	0.05	0.71	13.87
Cameroon	0.06	2.51	0.09	0.76	29.43
Chad	0.13	2.57	0.17	0.76	15.08
Chile	0.05	7.11	0.03	1.64	227.28
Colombia	0.05	2.31	0.81	0.06	2.85
Comoros	0.10	0.47	0.05	0.76	15.08
Congo. DRC	0.04	0.92	0.05	0.90	19.01
Congo. Rep	0.09	4.39	0.10	0.87	42.84
Costa Rica	0.07	4.99	0.11	0.65	45.12
Dominican Republic	0.06	7.49	0.16	0.38	47.58
Ecuador	0.04	6.58	0.06	0.64	109.64
Eswatini	0.07	0.70	0.03	1.95	20.63
Mexico	0.04	1.93	0.10	0.35	18.55
Montenegro	0.12	1.04	0.20	0.57	5.16
Morocco	0.07	1.40	0.21	0.34	6.72
Mozambique	0.17	2.54	0.08	2.08	31.71
Niger	0.12	2.48	0.10	1.14	24.53
Papua NG	0.06	1.24	0.07	0.75	16.76
Paraguay	0.06	1.24	0.07	0.75	16.76
Peru	0.03	2.52	0.11	0.27	23.35
Rwanda	0.06	1.04	0.02	2.51	46.70
Sao Tome	0.06	0.10	0.02	2.04	4.17
Senegal	0.10	4.46	0.10	0.97	44.11
Serbia	0.11	1.19	0.08	1.45	15.64
South Africa	0.14	2.80	0.10	1.39	27.29
Tanzania	0.05	0.12	0.04	1.11	2.73
Tunisia	0.07	1.95	0.05	1.26	34.74
Uruguay	0.13	3.10	0.08	1.53	37.02
Mean	0.08	2.67	0.13	1.01	38.85

This table reports the average sales of traditional and modern stores in the 32 countries in our sample, based on Euromonitor reports. In addition, it reports the value of the VAT exemption threshold, based on country-reports produced by the International Bureau of Fiscal Documentation. The final two columns report the ratio of the average traditional and modern store sales-value to the VAT exemption threshold.

Table E6: Country-Specific Places of Purchase

BENIN				CAMEROON			
Assigned Formal	%	Original name	Classification	Assigned Formal	%	Original name	Classification
	4.8	autre lieu d'achat formel sur le territoire	5 large stores		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
14.2	bien ou service autoproduit	1 non-market	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	
	BOLIVIA			0.8		vendeurs specialises hors magasins	2 no store front
	0.9	supermercado	5 large stores	15.2		don. cadeau recu	1 non-market
	11.8	tienda especializada	4 specialized shops	7.7		auto production	1 non-market
	3.6	instituto educativo	6 institutions	2.9		dans la nature/forit/brousse	1 non-market
	1.3	institucionn de salud	6 institutions	2.3		domicile de vendeur	1 non-market
	0.6	comunicacion	6 institutions	2.8	prestation de services individuels	7 service from individual	
	1.5	hotel, bar, restaurante	8 entertainment	7.7	other	99 n.a./other	
	14.7	tienda de conveniencia	3 corner shops		CHAD		
19.7	mercado	2 no store front	0.7		supermarche	5 large stores	
4.0	feria	2 no store front	5.7		boutique	4 specialized shops	
3.6	puesto/kiosco	2 no store front	1.1		magasins	4 specialized shops	
2.1	vendedor ambulante	2 no store front	4.6		autre prestataire de service privee	6 institutions	
1.9	de un hogar / transferencia	1 non-market	1.0		autre prestataire de service public	6 institutions	
1.5	auto consumo	1 non-market	0.7		transport privee	6 institutions	
5.6	cantina	9 informal entertainment	0.7		enseignement privee	6 institutions	
25.8	other	99 n.a./other	0.6	prestataire service sante privee	6 institutions		
	BRAZIL			0.6	enseignement public	6 institutions	
	14.0	supermarket	5 large stores	0.5	prestataire service sante public	6 institutions	
	1.0	department store	5 large stores	1.6	hotel. restaurant. ..	8 entertainment	
	28.9	specialized shop	4 specialized shops	0.4	echoppe	3 corner shops	
	8.4	vehicle	4 specialized shops	30.4	marche centraux	2 no store front	
	5.2	pharmacy	4 specialized shops	25.6	marche de quartier ou specialiste	2 no store front	
	3.3	education institution	6 institutions	2.5	marchand ambulant	2 no store front	
	2.0	health institution	6 institutions	1.1	tablier	2 no store front	
1.0	bank	6 institutions	16.7	self-consumption	1 non-market		
0.9	public health	6 institutions	5.0	other	99 n.a./other		
0.8	internet	6 institutions		CHILE			
0.6	lottery	6 institutions		13.3	supermercados	5 large stores	
0.5	communication company	6 institutions		3.3	multitiendas	5 large stores	
3.4	restaurant	8 entertainment		0.9	distribuidoras - mayoristas	5 large stores	
4.5	grocery store	3 corner shops		26.5	tienda especializada	4 specialized shops	
1.8	street seller	2 no store front		4.9	comercio ambulante	4 specialized shops	
1.7	small market	2 no store front		2.4	farmacias	4 specialized shops	
1.4	fair	2 no store front		1.6	ferreterias y multiferreterias	4 specialized shops	
1.0	small shop	2 no store front	2.0	clinicas	6 institutions		
0.7	own production.from other household	1 non-market	1.0	extranjero	6 institutions		
0.5	from farm	1 non-market	4.3	restaurantes y bares	8 entertainment		
13.7	private service	7 service from individual	5.4	almacen tradicional	3 corner shops		
2.6	bar-cafe	9 informal entertainment	0.5	otros establecimientos	3 corner shops		
0.6	recreation events	9 informal entertainment	2.9	ferias libres	2 no store front		
0.1	other	99 n.a./other	30.3	other	99 n.a./other		
	BURKINA FASO			COLOMBIA			
	1.1	grands magasin	5 large stores	33.0	almacenes o supermercados de cadena y tien	5 large stores	
	0.9	magasin de gros a petits prix	5 large stores	9.9	hipermercados	5 large stores	
	3.8	station service (lubrifiants)	4 specialized shops	2.0	centrales mayoristas de abastecimiento	5 large stores	
	1.8	pharmacie	4 specialized shops	0.8	plazas de mercado y galerias	5 large stores	
	1.6	atelier, service reparation	4 specialized shops	0.5	cooperativas. fondos de empleados y comisa	5 large stores	
	3.8	ecole, lycees, universite privas	6 institutions	10.7	farmacias y droguerias	4 specialized shops	
	2.0	ecole, lycee, universite publics	6 institutions	1.7	restaurantes	8 entertainment	
1.2	clinique, laboratoire medical public	6 institutions	13.3	miscellAneas de barrio y cacharrerias	3 corner shops		
0.9	telephone, eau, electricite	6 institutions	4.6	tiendas de barrio	3 corner shops		
0.7	cabine telephone privee	6 institutions	1.7	sanandresitos	2 no store front		
1.4	bar, cafe, restaurant, hotel	8 entertainment	1.4	ferias especializadas: artesanal. del hoga	2 no store front		
12.4	boutique de quartier	3 corner shops	1.1	persona particular	1 non-market		
1.2	quincaillerie (petite taille)	3 corner shops	0.9	transfers. from household	1 non-market		
38.6	marche	2 no store front	0.5	self production	1 non-market		
1.1	marchant ambulants	2 no store front	5.6	cafeterias y establecimientos de comidas	9 informal entertainment		
0.7	kiosque ou echoppe quartier	2 no store front	10.5	other	99 n.a./other		
11.0	menage	1 non-market		COMOROS			
6.7	bien ou service autoproduit	1 non-market		11.1	autre lieu d'achat formel	5 large stores	
1.5	cadeau recu en nature ou en espace	1 non-market		2.2	supermarche	5 large stores	
2.5	autres service privas	7 service from individual		5.4	magasin. atelier formel (societe) tenu	4 specialized shops	
1.3	service de transport prive	7 service from individual		2.6	magasin ou atelier formel (societe)	4 specialized shops	
0.4	other	99 n.a./other		5.9	secteur public ou parapublic	6 institutions	
	BURUNDI			2.4	hors lieu de residence ou a l'etranger	6 institutions	
	5.5	autre lieu d'achat formel		5 large stores	31.6	domicile du vendeur. petite boutique	3 corner shops
	1.4	magasin, atelier formel (societe) tenu	4 specialized shops	20.6	marche public	2 no store front	
	0.7	magasin ou atelier formel (societe)	4 specialized shops	6.5	vendeur ambulant ou poste fixe sur voie	2 no store front	
	3.3	secteur public ou parapublic	6 institutions	6.3	autre lieu d'achat informel	1 non-market	
	0.7	hors lieu de residence ou a l'etranger	6 institutions	3.6	bien ou service autoproduit	1 non-market	
	17.7	autre lieu d'achat informel	3 corner shops	1.8	cadeau recu	1 non-market	
	29.6	marche public	2 no store front	CONGO DRC			
24.7	domicile du vendeur, petite boutique	2 no store front	0.5	achat supermarche	5 large stores		
4.7	vendeur ambulant ou poste fixe sur voie	2 no store front	3.8	achat magasin non indo-pakistanaï	4 specialized shops		
10.5	bien ou service autoproduit	1 non-market	3.2	achat magasin indo-pakistanaï	4 specialized shops		
1.1	cadeau recu	1 non-market	3.1	achat secteur public	6 institutions		
				36.5	achat marche public	2 no store front	
				10.1	achat ambulant	2 no store front	
				5.8	autre lieu informel	2 no store front	
				17.9	achat domicile	1 non-market	
				17.5	bien ou service autoproduit	1 non-market	
				1.4	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	Informal	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				
	0.8	retiro del negocio	8 entertainment				
	6.2	pulperia o minisuper	3 corner shops	Formal	11.5	supermercados	5 large stores
	2.4	vendedor ambulante o a domicilio	2 no store front		2.1	tiendas departamentales	5 large stores
	0.8	local de articulos usados	2 no store front		1.0	tiendas con membresia	5 large stores
	8.9	recibido o comprado a otros hogares	1 non-market		21.3	tiendas especificas del ramo	4 specialized shops
Unspec.	25.1	other	99 n.a./other		0.7	diconsa	6 institutions
					0.5	compras fuera del pais	6 institutions
					2.4	restaurantes	8 entertainment
					12.9	tiendas de abarrotes	3 corner shops
					0.6	tiendas de conveniencia	3 corner shops
Formal					5.7	persona particular	2 no store front
	3.9	tienda por departamentos	5 large stores		3.7	mercado	2 no store front
	3.6	supermercados	5 large stores	Informal	3.1	vendedores ambulantes	2 no store front
	2.3	farmacias	4 specialized shops		2.0	tianguis o mercado sobre ruedas	2 no store front
	1.4	salon de belleza	4 specialized shops		2.6	loncherias, fondas, torterias, cocina	9 informal entertainment
	1.2	tienda de ropa	4 specialized shops		29.2	other	99 n.a./other
	1.2	tienda de electrodomesticos	4 specialized shops	Unspec.			
	1.1	taller de mecanica en general, desabullada	4 specialized shops				
	1.0	ferreterias	4 specialized shops				
	0.8	carniceria	4 specialized shops				
	0.7	tienda de respuestos de vehiculos	4 specialized shops	Formal	17.2	supermarket	5 large stores
Informal	0.6	puesto de rifa de aguante y loteria electr	4 specialized shops		36.2	store	4 specialized shops
	0.5	peluqueria	4 specialized shops		5.3	stall	2 no store front
	3.5	estacion de gasolina	6 institutions		5.3	own production	1 non-market
	2.0	clinica	6 institutions		35.8	other	99 n.a./other
	1.9	envasadora de gas	6 institutions	Informal			
	1.8	comedor popular	6 institutions				
	1.7	corporacion de electricidad	6 institutions				
	1.5	colegio	6 institutions				
	1.3	hospitales	6 institutions				
	1.2	compania de telefonos	6 institutions	Formal	0.7	supermarket or hypermarket	5 large stores
Unspec.	20.5	colmado	3 corner shops		5.2	butcher or retail chicken seller	4 specialized shops
	0.7	almacen de provisiones	3 corner shops		3.1	pharmacy	4 specialized shops
	3.2	vendedora ambulante	2 no store front		1.9	craftsman s shop (hairdresser. tailor. etc	4 specialized shops
	1.2	mercados	2 no store front		1.7	shop for selling furniture and durable ite	4 specialized shops
	1.0	puestos de venta	2 no store front		1.4	modern clothes shop	4 specialized shops
Formal	0.6	picapollo	2 no store front	Informal	1.0	gas stations (benzine. etc.)	4 specialized shops
	1.9	autosuministro	1 non-market		0.8	bookshop (small bookshop or kiosk in the n	4 specialized shops
	1.5	cafeteria	9 informal entertainment		0.7	pastry shop. bakery or snack-bars	4 specialized shops
	29.5	other	99 n.a./other		0.5	retail fish seller	4 specialized shops
					6.4	public and semi public agencies	6 institutions
Informal					2.1	regular transportation means (bus. train.	6 institutions
					2.1	medical care in a private institution	6 institutions
					1.2	public administration	6 institutions
					1.1	public baths. shower. swimming pool	6 institutions
					0.7	private education institution	6 institutions
Unspec.					0.5	banks. financing institutions and insuranc	6 institutions
					16.2	neighbourhood or village grocer	3 corner shops
					3.1	grocers	3 corner shops
					0.5	greengrocers	3 corner shops
					17.9	weekly market	2 no store front
Formal					4.4	neighbourhood market	2 no store front
					2.0	itinerant merchant selling on sidewalks	2 no store front
					0.9	city market or central market	2 no store front
					4.7	self-production	1 non-market
					1.2	cafe. non standing restaurant	9 informal entertainment
					13.8	other	99 n.a./other
Informal				Unspec.			
Unspec.				Formal	35.8	outro	4 specialized shops
					11.5	loja	4 specialized shops
					16.5	mercado informal	2 no store front
					11.9	mercado	2 no store front
					24.0	auto produco	1 non-market
Formal				Informal			
Informal				Formal	0.1	supermarche/grand magasin	5 large stores
					3.1	secteur transport	6 institutions
					1.4	clinique. laboratoire. ecole	6 institutions
					32.8	epicerie. boutique	3 corner shops
					19.2	marche	2 no store front
Unspec.					4.8	vente ambulante	2 no store front
					17.6	auto production	1 non-market
					9.7	prestation services publiques	1 non-market
					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	5.4	grandes lojas	5 large stores
Formal	34.5	supermarket	5 large stores		5.4	lojas modernas	5 large stores
Informal	9.4	small shop. canteen. tuck shop	3 corner shops		1.3	outros comercios modernos	4 specialized shops
	10.5	local market	2 no store front		0.8	sector de transportes	6 institutions
	3.8	street vendor	2 no store front		1.0	hotels. restaurantes. bares. cafes	8 entertainment
	14.2	home production	1 non-market	Informal	33.6	quiosque / quitanda	3 corner shops
	10.2	gift	1 non-market		23.9	mercado	2 no store front
Unspec.	17.6	other	99 n.a./other		7.8	vendedor ambulante	2 no store front
PARAGUAY					5.9	agregados	1 non-market
Formal	13.2	supermercado	5 large stores		4.5	prestates de servicios publicos	1 non-market
	4.4	estacion de servicio	4 specialized shops		1.9	auto consumo	1 non-market
	2.8	farmacia	4 specialized shops		0.9	campo. mato	1 non-market
	1.6	empresa de transporte	4 specialized shops		0.6	autoabastecimento	1 non-market
	1.5	carniceria	4 specialized shops	Unspec.	3.8	prestates de servicios individuais	7 service from individual
	0.7	muebleria	4 specialized shops		1.6	candongueiro	7 service from individual
	0.6	joyerias	4 specialized shops		0.1	other	99 n.a./other
	0.6	peluqueria	4 specialized shops	Assigned	SENEGAL		
	0.6	libreria	4 specialized shops	Formal	%	Original name	Classification
	2.8	cubierto por el seguro	6 institutions		0.4	magasins de gros ou a prix reduits	5 large stores
	0.8	instituto	6 institutions		2.6	station service (carburants. lubrifiants.e	4 specialized shops
	1.4	restaurantes y o bares	8 entertainment		1.0	boulangerie, patisserie	4 specialized shops
Informal	13.6	despensa	3 corner shops		0.6	boucherie	4 specialized shops
	4.8	puesto fijo	3 corner shops		1.1	societe de telephonie et de distributi	6 institutions
	2.4	tienda	3 corner shops		0.9	service de transport public	6 institutions
	2.6	ambulante	2 no store front	Informal	0.5	ecole. lycee. universitee prives	6 institutions
	1.9	mercado	2 no store front		7.4	bar, cafe, restaurant, hotel	8 entertainment
	4.8	regalado o pagado por algien miembro de	1 non-market		34.7	boutique de quartier	3 corner shops
	3.7	producido por el hogar	1 non-market		28.5	marches	2 no store front
	2.4	regalado o donado por algien programa so	1 non-market		6.9	kiosque ou échoppe au quartier	2 no store front
	2.2	retirado del negocio	1 non-market		1.0	marchand ambulant	2 no store front
	1.5	como parte de pago a un miembro del hogar	1 non-market	Unspec.	2.2	cadeau recu en nature	1 non-market
	3.0	consultorio privado	7 service from individual		1.2	bien ou service autoproduit	1 non-market
Unspec.	22.4	other	99 n.a./other		4.6	service de transport privé	7 service from individual
PERU					1.3	autres services prives	7 service from individual
Formal	2.0	supermercado	5 large stores	Formal	1.7	other	99 n.a./other
	0.6	bodega (x mayor)	5 large stores		SERBIE		
	3.4	tienda especializada al por menor	4 specialized shops	Informal	8.9	hypermarket	5 large stores
	2.1	farmacia	4 specialized shops		23.8	specialized shop	4 specialized shops
	0.5	libreria	4 specialized shops		2.9	discounted shop	4 specialized shops
	2.0	empresas de transporte formales	6 institutions		29.6	minimarket	3 corner shops
	0.9	centro de estudios	6 institutions		4.8	market/open	2 no store front
	0.8	grifos de empresas	6 institutions		1.8	gray economy	2 no store front
	0.6	restaurantes y/bares	8 entertainment	Unspec.	5.3	own production/own business	1 non-market
Informal	8.7	bodega (x menor)	3 corner shops		2.2	gifts/received transfers	1 non-market
	14.2	mercado (x menor)	2 no store front		20.7	other	99 n.a./other
	2.9	ambulante	2 no store front	Formal	SOUTH AFRICA		
	2.0	mercado (x mayor)	2 no store front		38.6	chain store	5 large stores
	1.6	feria	2 no store front	Informal	11.2	other retailer	4 specialized shops
	13.8	self-consumption	1 non-market		2.7	other	2 no store front
Unspec.	34.6	other	99 n.a./other	Unspec.	0.9	street trading	2 no store front
REPUBLIC OF CONGO					0.6	from a household	1 non-market
Formal	1.0	grands magasins	5 large stores		45.7	other	99 n.a./other
	7.0	autres commerces modernes	4 specialized shops	Formal	TANZANIA		
	5.8	prestataires de services publics	6 institutions		0.8	duka kubwa(department stores)	5 large stores
	3.9	secteur transports	6 institutions	Unspec.	36.9	shop	4 specialized shops
	2.5	cliniques, laboratoires médicaux	6 institutions		15.8	market	2 no store front
	3.9	hotels. restaurants. bars. cafes	8 entertainment	Informal	2.5	street vendor	2 no store front
Informal	3.4	epicerie modernes	3 corner shops		25.0	produced by household	1 non-market
	42.8	marches	2 no store front		4.1	other household	1 non-market
	8.4	échoppes sur marches et sur bord de route	2 no store front	Unspec.	1.3	gift or free	1 non-market
	6.2	marchands ambulants	2 no store front		5.5	other	99 n.a./other
	4.5	produit autoconsommés	1 non-market	Formal	TUNISIA		
	3.9	ménages	1 non-market		1.2	hyper, supermarche	5 large stores
	5.5	prestataires de services individuels	7 service from individual	Informal	60.4	boutique privee	4 specialized shops
RWANDA					4.2	ambulant	2 no store front
Formal	0.5	supermarket/big shop	5 large stores		1.1	point de vente marche	2 no store front
	3.8	specialized shop	4 specialized shops	Unspec.	1.5	cadeau	1 non-market
	4.9	bar/restaurant	8 entertainment		1.2	auto production	1 non-market
Informal	18.4	small shop/boutique	3 corner shops		30.3	other	99 n.a./other
	12.0	market	2 no store front	Formal	URUGUAY		
	2.0	individual	2 no store front		11.7	autoservicio. cadena de supermercados	5 large stores
	0.9	mobile seller	2 no store front		1.0	shopping o galeria	5 large stores
	25.7	self production	1 non-market	Informal	2.6	carniceria. polleria. pescaderia	4 specialized shops
	3.0	from a household	1 non-market		2.3	merceria. tienda	4 specialized shops
	11.2	service provider	7 service from individual		1.5	panaderia. confiteria	4 specialized shops
Unspec.	17.8	other	99 n.a./other	Unspec.	1.3	casa de electrodomesticos. telefonos	4 specialized shops
					0.9	zapateria. marroquineria. talabarteria	4 specialized shops
					0.7	farmacia. perfumeria. panalera	4 specialized shops
					0.7	verduleria. puesto. fruteria	4 specialized shops
					0.8	fuera del pais	6 institutions
					0.8	restaurante. parrillada	8 entertainment
					0.5	cantina. trabajo. colegio	8 entertainment
					7.7	almacen	3 corner shops
					1.5	feria vecinal	2 no store front
					1.0	vendedor ambulante. puesto callejero. carr	2 no store front
					0.7	quiosco. salon	2 no store front
					0.8	bar. pizzeria	9 informal entertainment
				Unspec.	59.9	other	99 n.a./other