

Global inequality in carbon-intensive consumption

Leonard Missbach*

January 2023

Abstract

In this study ...

Keywords: Climate mitigation, inequality, poverty

JEL Codes:

*Mercator Research Institute on Global Commons and Climate Change, Berlin, Germany; Department of Economics of Climate Change, Technische Universität Berlin, Berlin, Germany

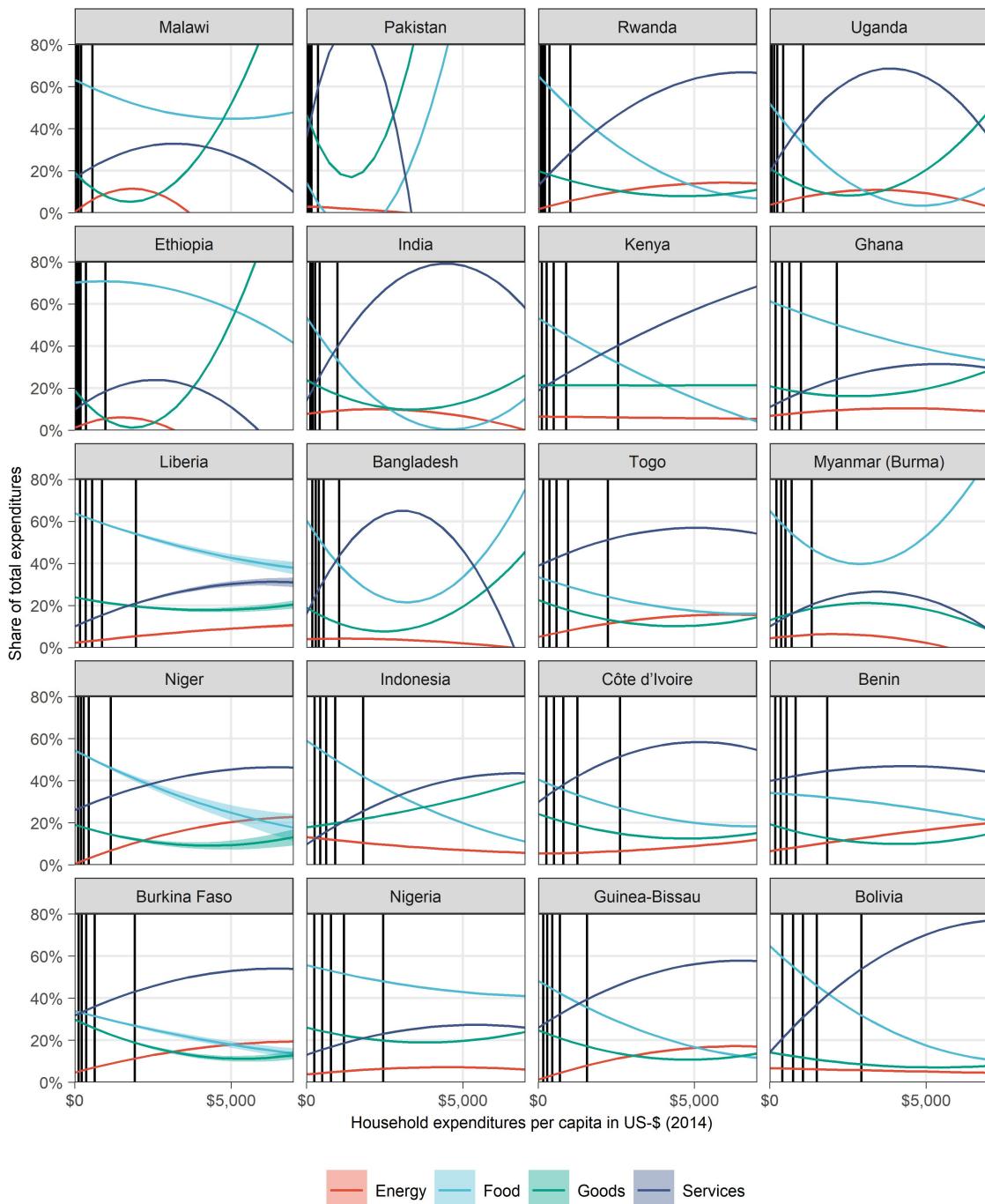
1 Main

2 Data and Methods

A Appendix

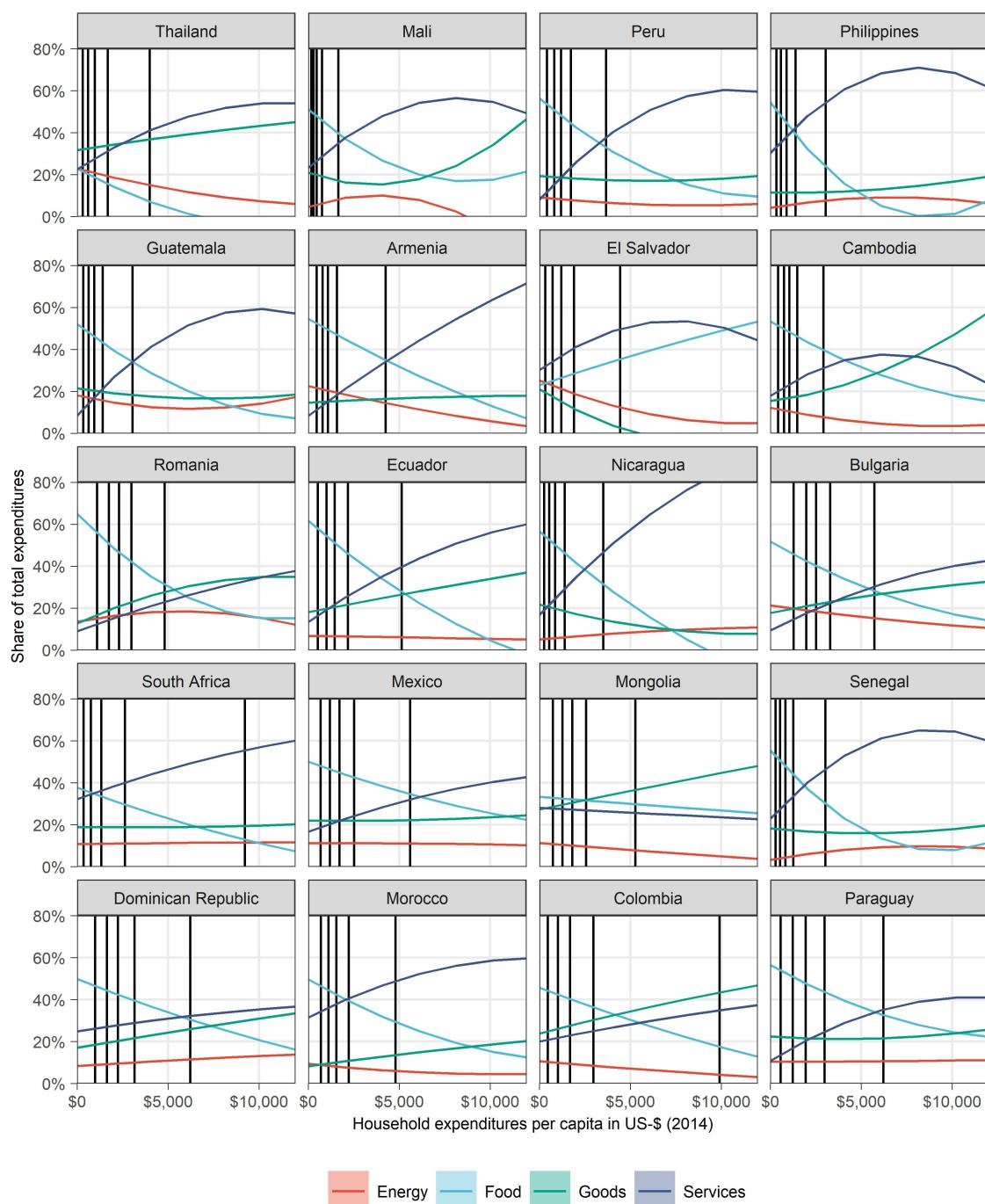
A.1 Supplementary figures

Figure A.1: Engel curves: expenditure shares over total household expenditures - Part A



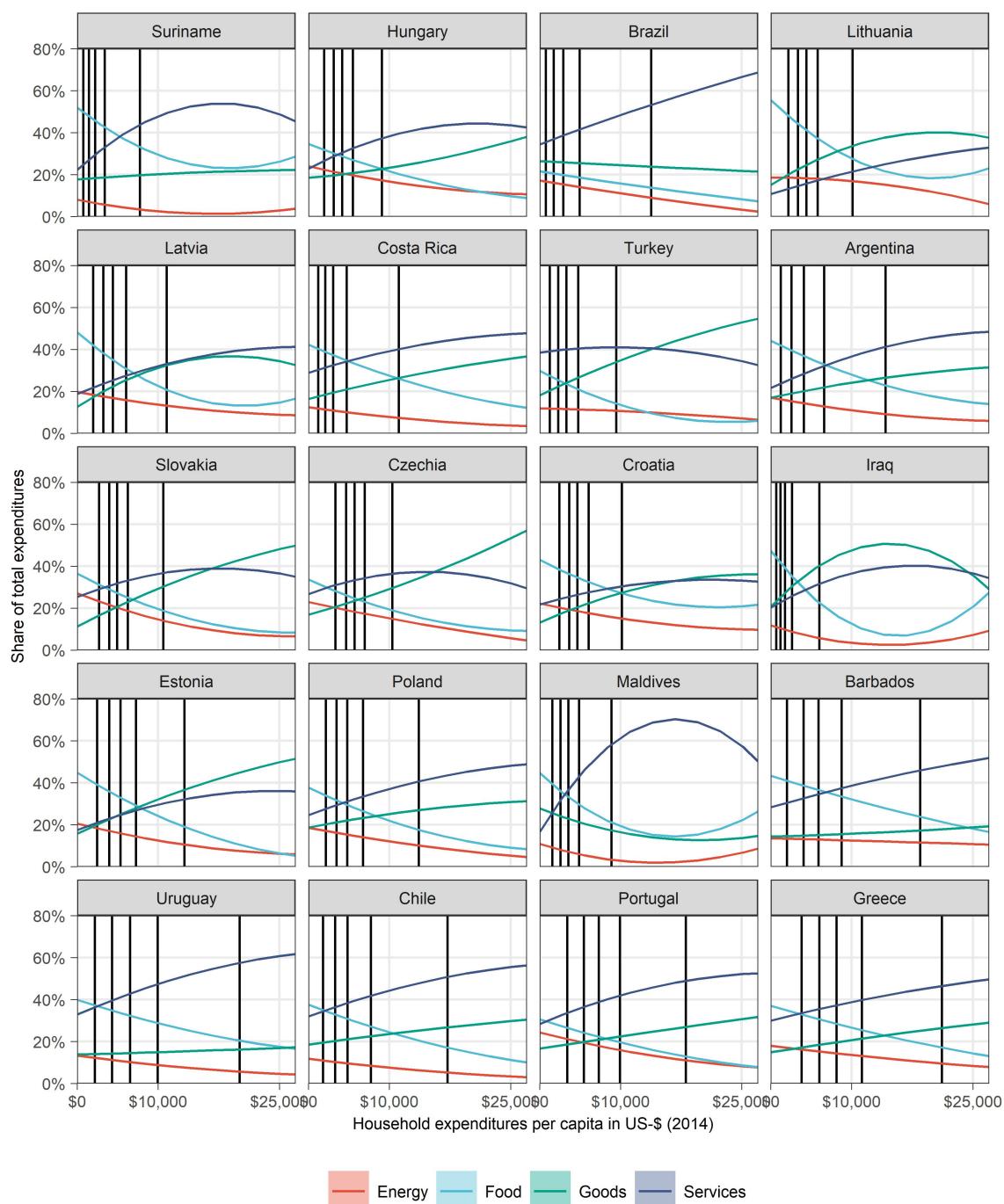
This figure displays ...

Figure A.2: Engel curves: expenditure shares over total household expenditures - Part B



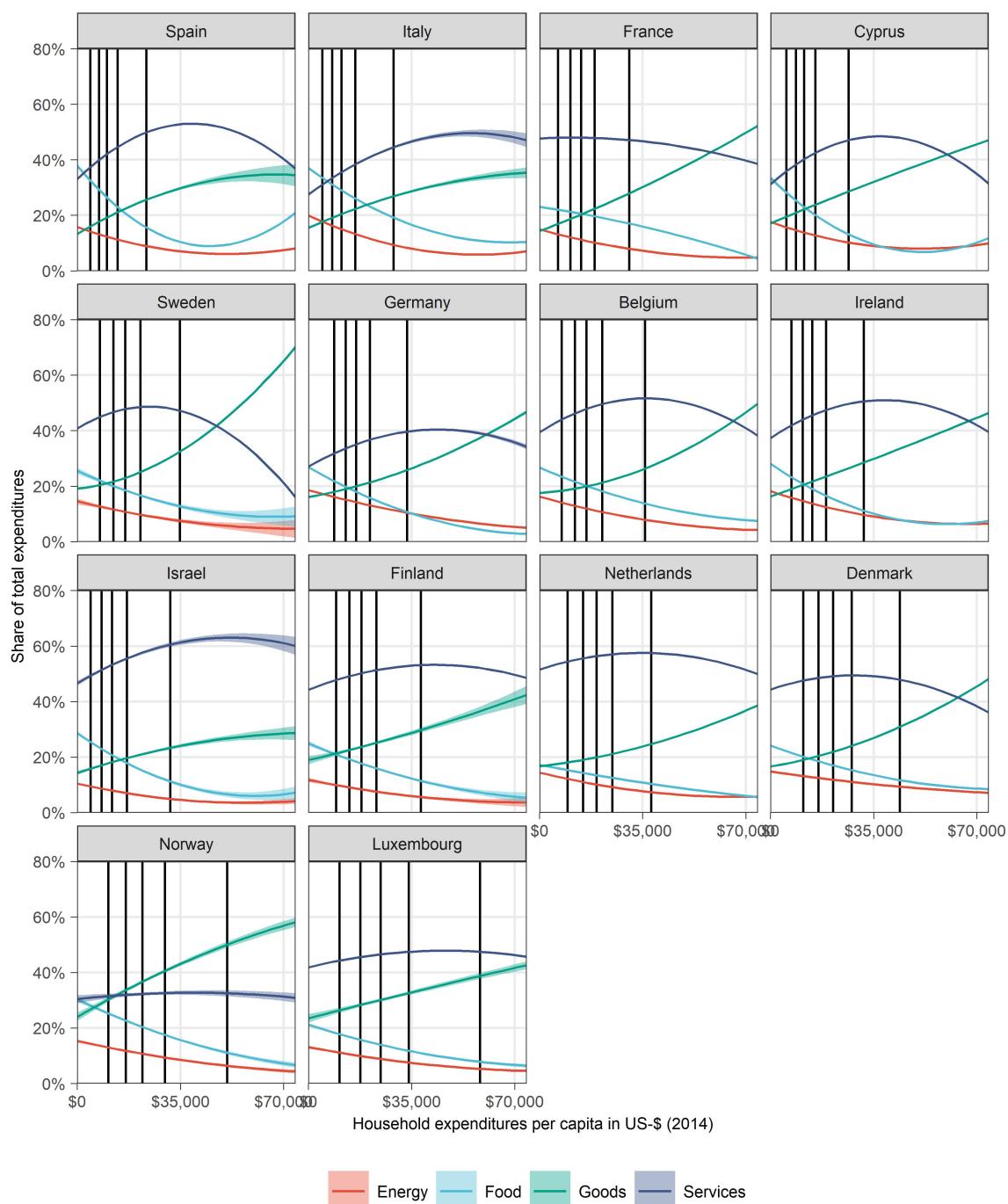
This figure displays ...

Figure A.3: Engel curves: expenditure shares over total household expenditures - Part C



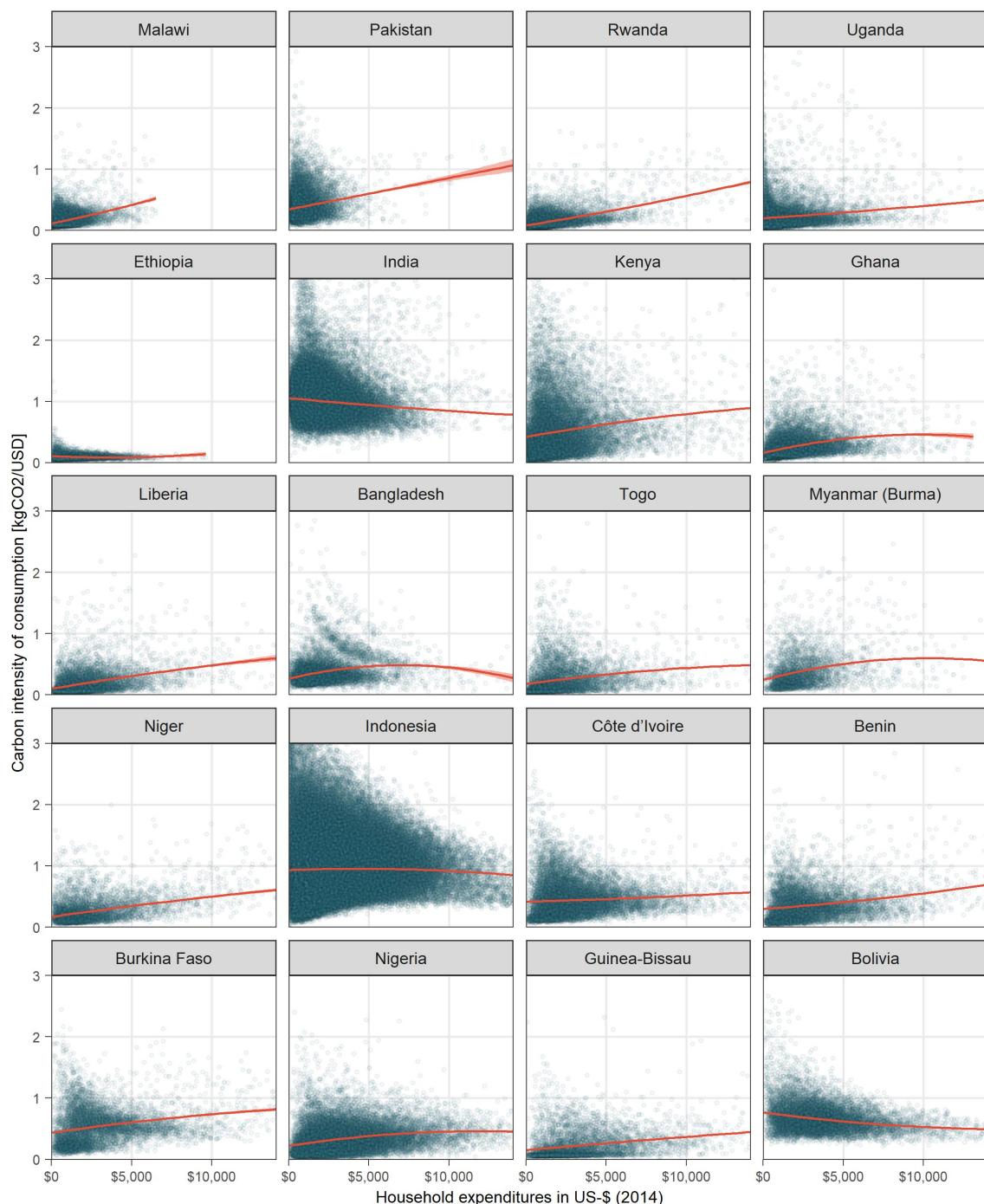
This figure displays ...

Figure A.4: Engel curves: expenditure shares over total household expenditures - Part D



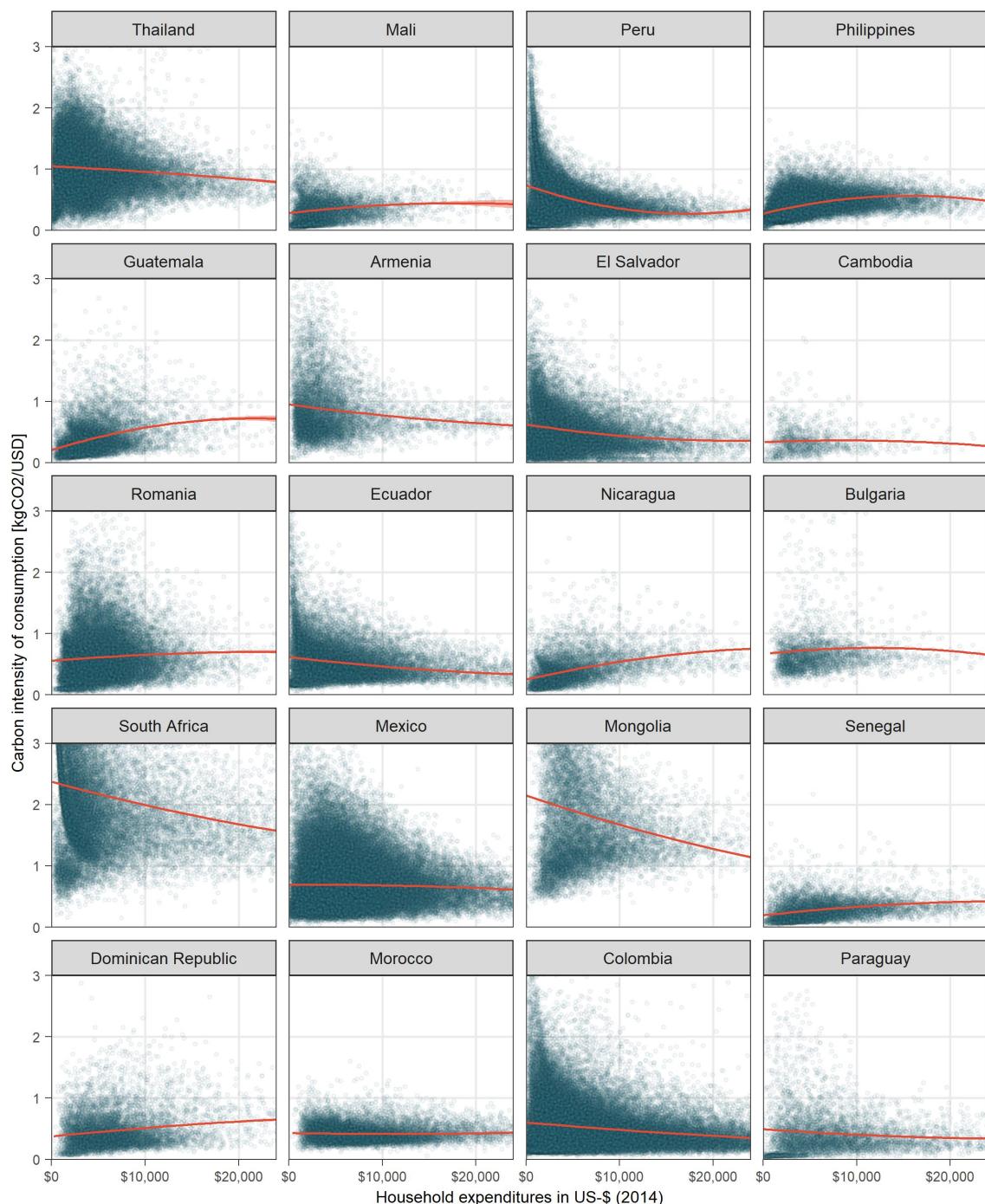
This figure displays ...

Figure A.5: Carbon intensity of consumption over total household expenditures - Part A



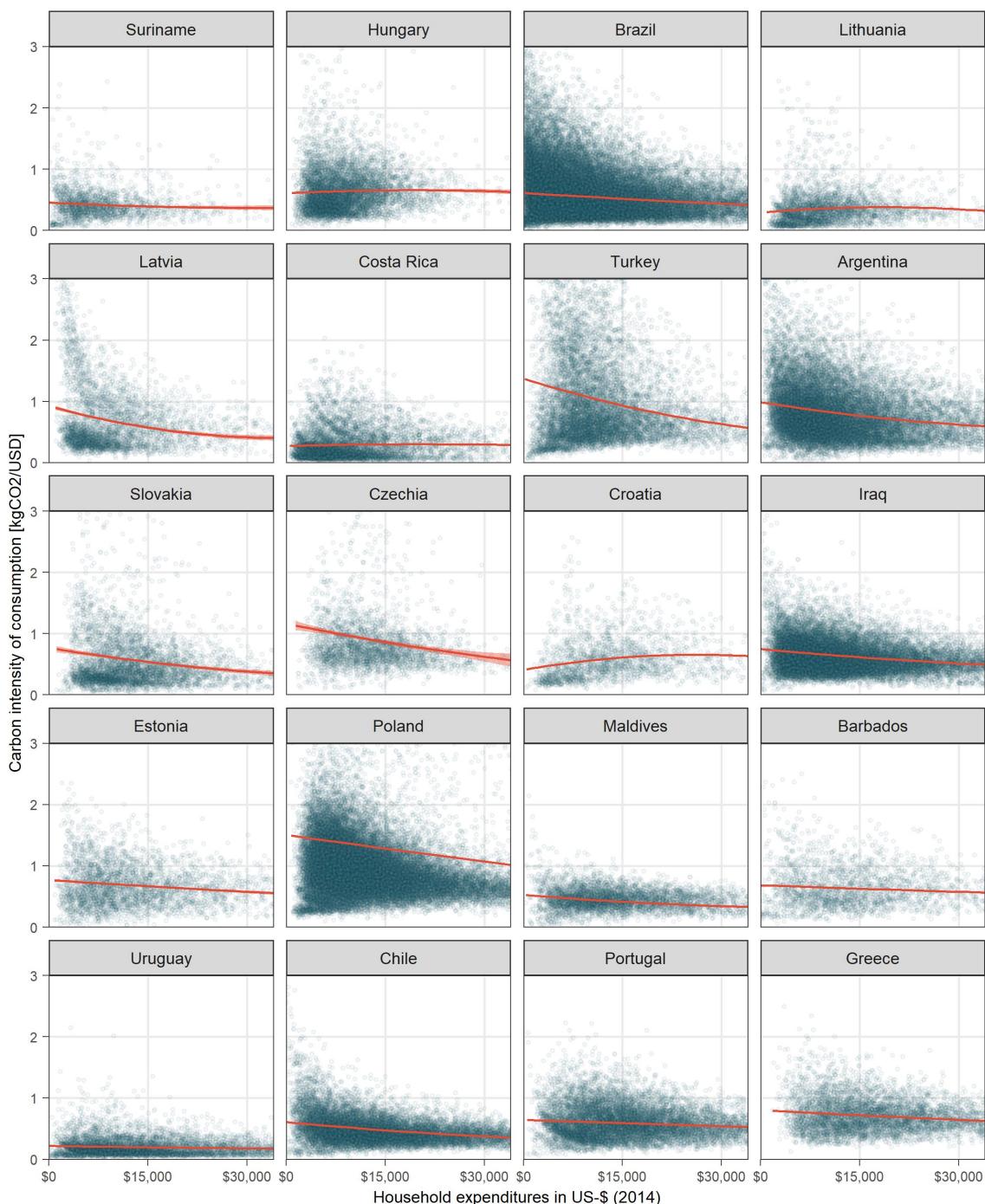
This figure displays ...

Figure A.6: Carbon intensity of consumption over total household expenditures - Part B



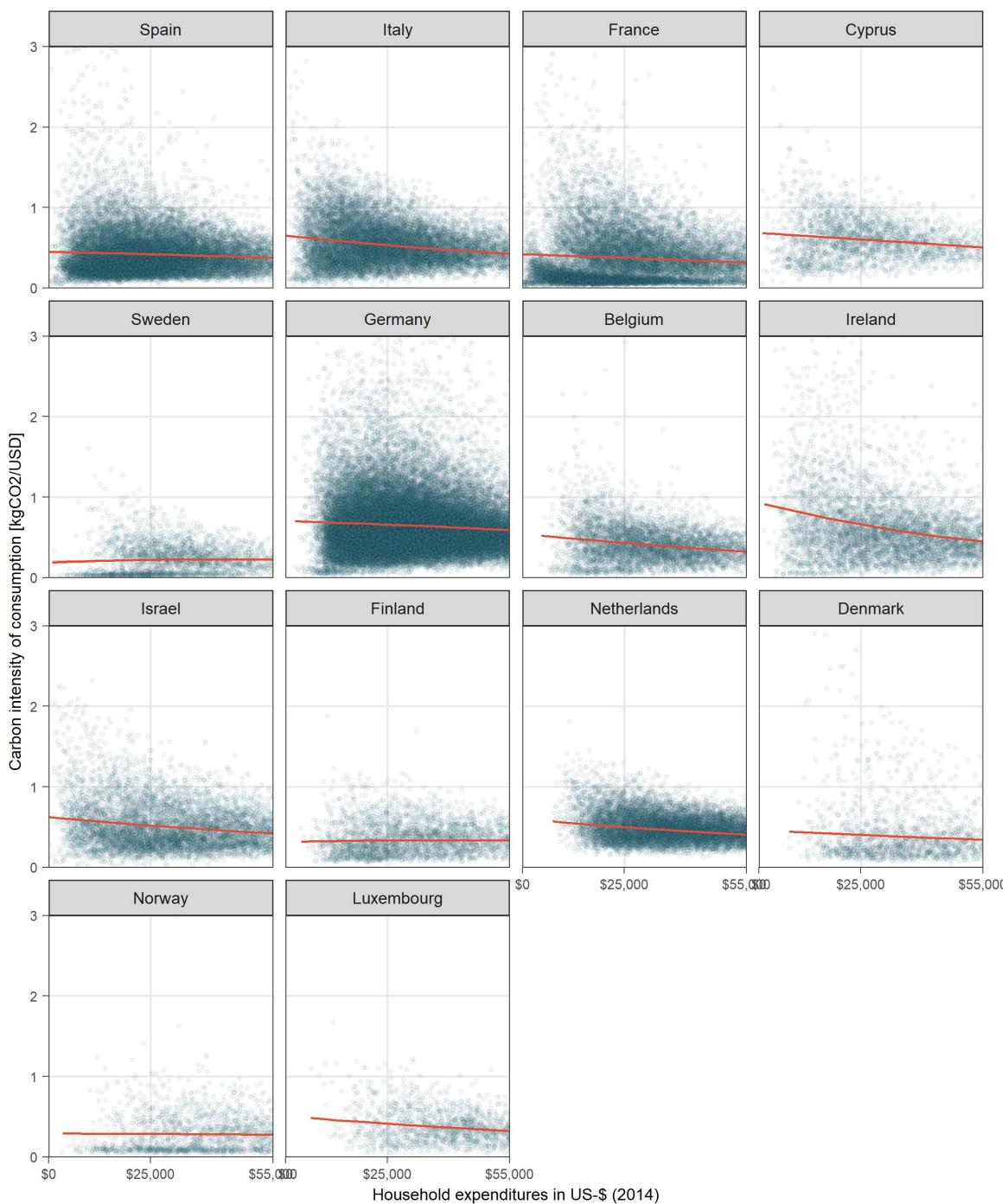
This figure displays ...

Figure A.7: Carbon intensity of consumption over total household expenditures - Part C



This figure displays ...

Figure A.8: Carbon intensity of consumption over total household expenditures - Part D



This figure displays ...

A.2 Supplementary tables

Table A.1: Summary statistics

Country	Observations	Average Household Size	Urban Population	Electricity Access	Average Household Expenditures [USD]	Car Ownership	Share of Firewood or Charcoal Cons.
ARG	21,539	3.19		99.9%	14,437	49%	5%
ARM	7,776	3.63	66%	99.8%	5,371	32%	1%
BEL	6,135	2.31	96%		36,297		9%
BEN	8,012	5.21	47%	33.1%	3,127	3%	97%
BFA	7,010	6.51	31%	24.4%	3,095	4%	92%
BGD	12,240	4.50	27%	55.2%	2,125	1%	39%
BGR	2,966	2.37	71%		6,376		37%
BOL	11,859	3.34	69%	94.7%	3,688	17%	12%
BRA	57,889	3.01	86%	99.5%	12,247	46%	3%
BRB	2,434	2.62		94.7%	16,842	52%	0%
CHL	15,237	3.29			19,547		11%
CIV	12,992	4.48	52%	64.1%	3,718	3%	77%
COL	86,866	3.35	79%	98.3%	8,586	14%	9%
CRI	7,046	3.24	71%	99.7%	12,177	45%	5%
CYP	2,876	2.70	74%		31,922		21%
CZE	2,929	2.22	67%		12,615		22%
DEU	52,412	2.00	90%		32,812		0%
DNK	2,205	2.12	67%		43,812		21%
DOM	8,884	3.21	81%	97.5%	7,786	21%	7%
ECU	28,263	3.68	69%	90.5%	6,432	19%	5%
ESP	22,127	2.50	75%		26,216		0%
EST	3,395	2.24	51%		13,491		33%
ETH	6,767	4.48	32%	55.9%	1,100	1%	96%
FIN	3,673	2.02	71%		36,791		43%
FRA	16,978	2.23	69%		31,107		0%
GHA	13,521	3.91	56%	83.1%	2,312	4%	83%
GNB	5,351	8.18	47%	21.7%	4,172	3%	99%
GRC	6,150	2.58	72%		22,585		28%
GTM	11,534	4.77	54%	81%	4,830	17%	70%
HRV	2,029	2.89	59%		14,048		51%
HUN	7,185	2.34	56%		9,596		42%
IDN	295,116	3.77	55%	98.5%	2,799	11%	29%
IND	101,581	4.43	31%	79.9%	1,514	4%	63%
IRL	6,839	2.73	65%		39,751		31%
IRQ	24,994	6.73	72%	99.3%	13,940	35%	3%
ISR	8,786	3.28	90%		39,641	72%	0%
ITA	15,010	2.34	82%		27,521		15%
KEN	21,714	3.98	44%	56.4%	2,372		82%
KHM	1,206	4.34	27%		5,263	11%	73%
LBR	8,332	4.27	52%	16.7%	2,617	2%	99%
LTU	3,443	2.15	47%		10,068		33%
LUX	3,167	2.42	81%		57,666		0%
LVA	3,844	2.37	56%		11,616		0%
MAR	15,970	4.74	65%		8,194		21%
MDV	4,749	5.19			19,238	5%	0%
MEX	88,899	3.55	79%	99.7%	6,846	40%	15%
MLI	6,602	7.14	28%	27.5%	4,011	4%	99%
MMR	3,648	4.53	29%	63%	2,541	4%	88%
MNG	11,197	3.58	66%		7,174		44%
MWI	11,374	4.40	16%	10.7%	734	2%	99%
NER	6,024	5.96	17%	15.7%	2,206	2%	97%
NGA	22,110	5.08	40%	63.4%	3,955	8%	70%
NIC	6,850	4.38	60%	86.8%	4,985	8%	51%

Table A.1: Summary statistics (*continued*)

Country	Observations	Average Household Size	Urban Population	Electricity Access	Average Household Expenditures [USD]	Car Ownership	Share of Firewood or Charcoal Cons.
NLD	14,408	2.19	90%		39,679		1%
NOR	3,363	2.77	82%		64,706	88%	0%
PAK	17,986	6.35	36%	91.5%	862	4%	20%
PER	34,542	3.56	77%	95.6%	4,866	12%	15%
PHL	41,540	4.60	44%	91.1%	4,838	7%	45%
POL	37,148	2.80	64%		14,962		6%
PRT	11,398	2.53	73%		20,295		9%
PRY	5,410	3.90	61%	97.8%	8,371	25%	29%
ROU	30,625	2.66	58%		6,039		9%
RWA	14,577	4.39	19%		1,353	1%	41%
SEN	7,156	8.91	53%	63.7%	7,639	5%	86%
SLV	23,622	3.67	64%	95.7%	5,707	15%	12%
SUR	2,025	3.39	72%		8,490	38%	0%
SVK	4,785	2.93	71%		15,012		19%
SWE	2,871	2.13	45%		33,704		0%
TGO	6,171	4.23	47%	51.8%	2,733	3%	92%
THA	42,711	3.04	36%	99.8%	3,917	14%	26%
TUR	10,060	3.64	70%		12,906	39%	4%
UGA	15,627	4.82	28%	39.2%	1,494	3%	95%
URY	6,888	2.82	83%	99.7%	20,528	46%	13%
ZAF	22,964	3.53	70%	92.7%	7,223	27%	10%

Note:

This table provides summary statistics for households in our sample. All values (except observations) are household-weighted averages.

Kommentar als Test

Table A.2: Average household expenditures and average energy expenditure shares per expenditure quintile

Country	All	Average household expenditures [USD]					Average energy expenditure shares					
		Expenditure quintile					Expenditure quintile					
		EQ1	EQ2	EQ3	EQ4	EQ5	All	EQ1	EQ2	EQ3	EQ4	EQ5
ARG	14,437	5,485	9,224	12,236	17,668	27,586	13.6%	17.1%	15%	13.7%	12.5%	9.9%
ARM	5,371	2,010	3,032	3,833	5,041	12,943	19.4%	23.6%	20.8%	19.9%	18.3%	14.4%
BEL	36,297	25,411	32,404	33,884	37,740	52,057	11.6%	14.4%	12.5%	12.2%	10.5%	8.2%
BEN	3,127	1,153	2,034	2,861	3,939	5,652	8.2%	6.1%	7.3%	8.2%	8.8%	10.5%
BFA	3,095	997	1,722	2,424	3,728	6,615	6.9%	4.3%	5.1%	5.9%	8.1%	11%
BGD	2,125	943	1,394	1,790	2,428	4,072	4.1%	4%	3.9%	4.2%	4.3%	4.1%
BGR	6,376	3,802	4,741	5,552	7,559	10,228	18%	19.6%	18.7%	18.7%	17.9%	15%
BOL	3,688	1,743	2,860	3,630	4,383	5,822	6.2%	6.7%	6.3%	6.2%	6.4%	5.7%
BRA	12,247	2,880	5,743	8,705	13,346	30,563	14.3%	21.7%	15.3%	13.5%	11.8%	9.3%
BRB	16,842	6,877	12,169	16,180	18,957	29,988	12.8%	12.5%	12.8%	14%	13.4%	11.1%
CHL	19,547	7,224	12,118	16,290	22,404	39,721	8.9%	12.7%	9.6%	8.7%	7.7%	5.9%
CIV	3,718	1,636	2,736	3,695	4,567	5,959	5.8%	4.9%	6%	6%	5.6%	6.6%
COL	8,586	1,970	3,796	5,610	8,930	22,622	8.5%	12.2%	10.1%	8.7%	7.1%	4.6%
CRI	12,177	4,900	7,525	9,901	13,675	24,893	10.3%	12.9%	11.2%	10.2%	9.7%	7.7%
CYP	31,922	18,208	26,426	31,221	38,447	45,339	13.5%	16.1%	14.9%	13.2%	12.2%	10.9%
CZE	12,615	9,969	11,717	11,858	12,910	16,633	17.9%	19.7%	19.3%	18.9%	16.9%	14.9%
DEU	32,812	24,340	27,616	30,657	34,351	47,101	13.8%	16.5%	14.8%	14%	13.1%	10.8%
DNK	43,812	35,662	40,694	38,827	44,675	59,247	11.6%	13.1%	12.2%	11.9%	11.3%	9.5%
DOM	7,786	4,154	5,899	7,159	8,574	13,146	9.8%	9.4%	9.1%	9.5%	9.2%	11.8%
ECU	6,432	2,447	4,128	5,341	7,037	13,211	6.5%	7.7%	6.2%	5.9%	6.3%	6.6%
ESP	26,216	13,602	20,502	25,651	31,705	39,623	12%	14.3%	13.1%	12.2%	11.1%	9.2%
EST	13,491	6,195	9,150	12,119	15,200	24,817	15.3%	19.1%	17.2%	15.5%	13.8%	11.1%
ETH	1,100	297	600	842	1,420	2,341	2.8%	1.2%	1.1%	2.1%	4.6%	4.7%
FIN	36,791	26,624	30,741	34,239	37,916	54,429	8.1%	10.1%	8.9%	8.4%	7.3%	6%
FRA	31,107	19,320	26,490	30,622	34,260	44,849	10.9%	13.4%	11.8%	11.3%	10.1%	8.1%
GHA	2,312	1,119	1,883	2,344	2,857	3,357	8%	5.9%	8%	8.2%	9%	8.8%
GNB	4,172	1,706	2,838	3,781	4,990	7,551	4%	1.6%	1.9%	3.5%	5.5%	7.6%
GRC	22,585	12,984	16,873	20,463	24,323	38,297	13.8%	16.7%	15.6%	14.2%	12.3%	10%
GTM	4,830	2,190	3,401	4,321	5,513	8,732	16%	20%	16.3%	15%	14.6%	14.3%
HRV	14,048	8,835	11,506	13,362	16,025	20,535	18.2%	20.6%	19.7%	18.3%	17%	15.4%
HUN	9,596	6,305	8,157	9,195	10,770	13,553	20.3%	22.2%	21.2%	21.1%	19.6%	17.2%
IDN	2,799	1,084	1,789	2,450	3,359	5,317	12%	13.5%	12.3%	11.7%	11.4%	10.9%
IND	1,514	719	976	1,244	1,722	2,909	8.5%	6.9%	8.1%	8.8%	9.6%	9.1%
IRL	39,751	24,624	32,977	39,808	46,069	55,278	13.3%	16%	14.9%	13.1%	12.5%	10%
IRQ	13,940	5,786	9,050	11,742	15,626	27,496	9.1%	11.9%	10%	9.3%	8.1%	6.4%
ISR	39,641	20,252	30,396	38,556	46,804	62,217	7.6%	10%	8.4%	7.3%	7.1%	5.5%
ITA	27,521	14,672	21,951	26,657	32,389	41,937	14.4%	19.1%	15.9%	13.9%	12.7%	10.4%
KEN	2,372	653	1,338	2,009	2,801	5,060	6.3%	6%	6.5%	6.8%	6.4%	5.9%
KHM	5,263	2,164	3,420	4,512	6,268	9,953	10%	12.1%	10.8%	9.8%	8.6%	8.6%
LBR	2,617	894	1,723	2,535	3,474	4,456	3.5%	2.6%	2.4%	3.2%	3.9%	5.3%
LTU	10,068	6,000	7,379	8,777	11,895	16,293	18%	18.1%	18.3%	19%	19.1%	15.8%
LUX	57,666	38,046	47,075	57,337	66,659	79,249	8.6%	11.8%	9.4%	8.2%	7.5%	6.1%
LVA	11,616	5,790	7,845	9,818	12,748	21,930	16.4%	17.8%	18.1%	16.8%	16%	13.1%
MAR	8,194	4,348	5,959	7,177	9,066	14,425	7.8%	10.3%	8%	7.4%	6.9%	6.5%
MDV	19,238	10,074	15,158	18,870	23,676	28,443	6.8%	9.8%	8%	6.5%	5.4%	4.2%
MEX	6,846	3,038	4,878	6,181	7,814	12,319	11.2%	10.3%	11.1%	11.8%	12%	10.8%
MLI	4,011	1,388	2,361	3,470	5,136	7,703	6.3%	4.5%	5.5%	5.8%	7.5%	7.9%
MMR	2,541	1,166	1,723	2,249	2,951	4,619	5.3%	4.6%	5.1%	4.9%	5.5%	6.1%
MNG	7,174	3,576	5,052	6,198	7,767	13,280	9.8%	10.4%	11%	10.4%	9.8%	7.3%
MWI	734	171	372	551	843	1,735	2.5%	0.3%	0.7%	1.6%	3.5%	6.2%
NER	2,206	720	1,287	1,747	2,445	4,833	2.9%	0.6%	1.4%	1.9%	3.3%	7.1%
NGA	3,955	1,821	3,059	3,974	5,027	5,894	5%	3.6%	4.4%	5.1%	5.7%	6%
NIC	4,985	1,459	2,647	3,735	5,446	11,643	6%	4.3%	5.2%	6.2%	6.8%	7.6%
NLD	39,679	32,673	37,098	36,697	39,820	52,110	10%	12.5%	10.9%	9.9%	8.9%	7.8%
NOR	64,706	35,240	51,003	62,112	73,374	101,851	10.3%	13.6%	11.7%	10.2%	9%	7.1%
PAK	862	328	508	695	968	1,812	2.9%	2.6%	3%	3.2%	3.1%	2.7%
PER	4,866	1,668	3,251	4,532	5,848	9,033	8%	9%	8.7%	8%	7.6%	6.8%
PHL	4,838	1,946	2,951	4,143	5,790	9,360	5.7%	3.6%	5%	6.1%	6.9%	7.1%
POL	14,962	8,258	10,592	12,288	15,508	28,168	14.6%	16.1%	16.8%	16%	14.3%	9.9%

Table A.2: Average household expenditures and average energy expenditure shares per expenditure quintile (*continued*)

Country	All	EQ1	EQ2	EQ3	EQ4	EQ5	All	EQ1	EQ2	EQ3	EQ4	EQ5
PRT	20,295	10,263	14,950	18,560	23,242	34,468	17.2%	22.4%	19.1%	17.2%	15.3%	12.1%
PRY	8,371	2,793	5,437	7,872	10,284	15,473	10.4%	9.7%	11%	10.3%	10.5%	10.5%
ROU	6,039	4,012	5,024	5,881	6,640	8,640	16.6%	13.5%	16.6%	17.9%	18.1%	17%
RWA	1,353	439	723	988	1,468	3,147	3.2%	1.2%	1.8%	2.6%	4.2%	6%
SEN	7,639	3,495	5,748	7,795	9,351	11,806	4.9%	2.5%	4%	5.5%	5.8%	6.5%
SLV	5,707	1,277	2,951	4,699	6,885	12,724	20%	25.9%	23%	20.4%	16.9%	13.9%
SUR	8,490	3,295	5,660	7,658	10,050	15,804	6%	8.3%	6.7%	5.8%	5.4%	3.9%
SVK	15,012	10,277	12,861	14,025	15,774	22,129	19.6%	23%	21.1%	20.8%	18.5%	14.5%
SWE	33,704	24,004	29,381	33,216	35,368	46,562	10.5%	12.9%	11.8%	10.8%	8.8%	8%
TGO	2,733	939	1,766	2,619	3,620	4,725	7.6%	3.6%	6.5%	8.2%	9.3%	10.3%
THA	3,917	1,084	1,957	3,133	4,961	8,451	19.8%	20.4%	23%	22.6%	18.8%	14.4%
TUR	12,906	6,400	9,001	11,595	14,389	23,145	11.4%	10.8%	12.2%	12.1%	11.8%	10.2%
UGA	1,494	341	776	1,225	1,900	3,223	5.2%	3.9%	3.4%	4.6%	6.4%	7.5%
URY	20,528	7,939	13,025	17,923	24,282	39,484	9.7%	13.5%	10.8%	9.5%	8.3%	6.6%
ZAF	7,223	1,826	2,979	4,125	6,966	20,224	11%	10.8%	10%	10.6%	11.9%	11.6%

Note:

This table shows average household expenditures and average energy expenditure shares for households in our sample. We estimate household-weighted averages for the whole population and per expenditure quintile.

Table A.3: Average carbon footprint and average USD/tCO₂ carbon price incidence per expenditure quintile

Country	Average carbon footprint [tCO ₂]						Average incidence from USD 40/tCO ₂ carbon price					
	All	Expenditure quintile					All	Expenditure quintile				
		EQ1	EQ2	EQ3	EQ4	EQ5		EQ1	EQ2	EQ3	EQ4	EQ5
ARG	10.4	5.0	7.7	9.6	12.8	16.6	3.19%	3.93%	3.44%	3.18%	2.93%	2.45%
ARM	4.2	1.9	2.7	3.4	4.1	8.8	3.44%	3.91%	3.62%	3.53%	3.3%	2.86%
BEL	12.9	11.0	12.9	13.0	13.2	14.7	1.58%	1.8%	1.69%	1.67%	1.49%	1.25%
BEN	1.3	0.4	0.7	1.0	1.4	3.1	1.47%	1.26%	1.34%	1.37%	1.43%	1.95%
BFA	1.9	0.5	0.9	1.3	2.1	4.7	2.16%	1.98%	2.02%	2.06%	2.17%	2.56%
BGD	0.9	0.3	0.4	0.6	1.0	1.9	1.48%	1.2%	1.24%	1.38%	1.63%	1.93%
BGR	4.7	2.8	3.4	4.5	5.7	7.1	2.94%	2.83%	2.84%	3.09%	3.05%	2.88%
BOL	2.3	1.2	1.9	2.4	2.8	3.3	2.64%	2.84%	2.72%	2.67%	2.62%	2.36%
BRA	5.7	1.8	3.1	4.6	6.7	12.4	2.17%	2.78%	2.23%	2.11%	1.98%	1.73%
BRB	9.9	4.4	7.6	10.6	12.0	14.8	2.49%	2.65%	2.58%	2.66%	2.5%	2.09%
CHL	7.9	4.1	5.8	7.2	9.2	13.3	1.85%	2.41%	2%	1.82%	1.65%	1.37%
CIV	1.8	0.8	1.3	1.7	2.0	3.0	1.8%	1.89%	1.84%	1.77%	1.69%	1.79%
COL	3.6	1.2	2.2	2.9	4.0	7.7	2.05%	2.52%	2.31%	2.11%	1.84%	1.46%
CRI	3.5	1.4	2.4	3.0	4.3	6.2	1.16%	1.14%	1.24%	1.19%	1.2%	1.04%
CYP	17.2	11.8	16.3	17.2	19.8	21.0	2.32%	2.61%	2.51%	2.29%	2.18%	2.01%
CZE	10.8	9.8	10.6	10.9	10.7	12.0	3.65%	4.11%	3.76%	3.87%	3.49%	3.03%
DEU	20.1	18.3	18.8	19.7	20.6	22.9	2.56%	3.04%	2.71%	2.57%	2.42%	2.06%
DNK	15.2	14.8	15.0	13.8	15.0	17.6	1.47%	1.73%	1.54%	1.45%	1.37%	1.25%
DOM	4.1	1.8	2.7	3.5	4.2	8.2	1.92%	1.78%	1.8%	1.88%	1.86%	2.29%
ECU	3.0	1.3	2.0	2.5	3.4	6.0	2.1%	2.57%	2.08%	1.96%	1.95%	1.92%
ESP	10.5	6.1	9.2	11.0	12.6	13.7	1.66%	1.8%	1.79%	1.73%	1.6%	1.41%
EST	8.5	4.6	6.5	8.2	9.4	13.8	2.72%	3%	2.95%	2.72%	2.56%	2.39%
ETH	0.1	0.0	0.1	0.1	0.1	0.2	0.4%	0.46%	0.4%	0.37%	0.38%	0.38%
FIN	12.0	9.4	10.7	12.2	12.4	15.3	1.32%	1.4%	1.36%	1.4%	1.28%	1.16%
FRA	10.6	7.9	10.2	11.4	11.3	12.1	1.45%	1.67%	1.56%	1.51%	1.37%	1.14%
GHA	0.7	0.3	0.5	0.7	1.0	1.3	1.11%	0.86%	0.99%	1.08%	1.24%	1.36%
GNB	1.2	0.3	0.6	0.9	1.4	2.9	0.98%	0.73%	0.76%	0.92%	1.09%	1.4%
GRC	14.5	9.9	12.2	14.0	15.4	20.8	2.75%	3.11%	2.94%	2.8%	2.6%	2.3%
GTM	2.3	0.5	1.1	1.8	2.7	5.2	1.59%	0.96%	1.22%	1.59%	1.92%	2.25%
HRV	8.4	5.0	7.3	8.2	9.7	11.8	2.31%	2.05%	2.4%	2.35%	2.37%	2.37%
HUN	6.2	3.9	5.4	6.3	7.1	8.1	2.56%	2.44%	2.64%	2.72%	2.6%	2.4%
IDN	2.6	0.9	1.6	2.3	3.2	5.2	3.79%	3.67%	3.62%	3.74%	3.89%	4.01%
IND	1.5	0.7	1.0	1.3	1.8	2.7	4.08%	4.2%	4.2%	4.16%	4.07%	3.77%
IRL	20.1	15.1	19.1	20.7	23.3	22.3	2.3%	2.79%	2.55%	2.24%	2.18%	1.72%
IRQ	8.1	3.9	5.8	7.4	9.4	14.0	2.53%	2.83%	2.63%	2.58%	2.45%	2.18%
ISR	17.2	11.8	15.6	17.6	19.7	21.4	1.92%	2.54%	2.08%	1.82%	1.73%	1.42%
ITA	13.5	9.1	12.3	13.5	15.4	17.3	2.12%	2.53%	2.28%	2.07%	1.96%	1.73%
KEN	1.4	0.3	0.7	1.1	1.7	3.5	2.08%	1.59%	1.92%	2.06%	2.23%	2.59%
KHM	1.9	0.8	1.3	1.6	2.2	3.5	1.42%	1.42%	1.52%	1.39%	1.38%	1.39%
LBR	0.7	0.1	0.3	0.6	1.0	1.6	0.84%	0.57%	0.68%	0.84%	0.93%	1.19%
LTU	3.6	2.1	2.7	3.2	4.4	5.4	1.4%	1.33%	1.37%	1.47%	1.47%	1.34%
LUX	17.0	14.7	15.5	16.9	18.5	19.2	1.32%	1.68%	1.42%	1.25%	1.21%	1.04%
LVA	6.9	4.4	5.2	5.9	7.5	11.3	2.69%	3.66%	2.81%	2.47%	2.38%	2.13%
MAR	3.5	1.9	2.5	3.0	3.8	6.3	1.68%	1.79%	1.67%	1.65%	1.63%	1.68%
MDV	7.2	4.8	6.7	7.4	8.2	8.7	1.61%	1.95%	1.8%	1.6%	1.44%	1.25%
MEX	4.6	2.0	3.4	4.4	5.5	7.6	2.75%	2.65%	2.79%	2.88%	2.85%	2.56%
MLI	1.5	0.5	0.8	1.2	1.9	3.0	1.37%	1.32%	1.34%	1.3%	1.4%	1.48%
MMR	1.1	0.4	0.6	0.9	1.3	2.4	1.54%	1.27%	1.41%	1.46%	1.59%	1.99%
MNG	11.8	7.1	9.5	10.9	12.7	18.9	7.25%	8.13%	7.82%	7.33%	6.92%	6.05%
MWI	0.1	0.0	0.0	0.1	0.1	0.4	0.62%	0.54%	0.52%	0.56%	0.63%	0.87%
NER	0.7	0.2	0.3	0.4	0.6	2.0	0.99%	0.9%	0.84%	0.88%	0.96%	1.38%
NGA	1.5	0.4	0.9	1.4	2.1	2.6	1.37%	0.96%	1.17%	1.41%	1.6%	1.71%
NIC	2.5	0.4	0.9	1.5	2.7	6.9	1.58%	0.99%	1.28%	1.51%	1.84%	2.25%
NLD	17.1	16.9	17.3	16.0	16.3	19.1	1.83%	2.16%	1.95%	1.81%	1.68%	1.53%
NOR	15.9	10.2	14.4	16.6	18.1	20.5	1.06%	1.11%	1.14%	1.13%	1.03%	0.88%

Table A.3: Average carbon footprint and average USD/tCO₂ carbon price incidence per expenditure quintile (*continued*)

Country	All	EQ1	EQ2	EQ3	EQ4	EQ5	All	EQ1	EQ2	EQ3	EQ4	EQ5
PAK	0.4	0.1	0.2	0.3	0.4	0.9	1.56%	1.26%	1.42%	1.59%	1.67%	1.85%
PER	2.2	1.0	1.8	2.2	2.6	3.5	2.16%	2.56%	2.43%	2.17%	1.95%	1.67%
PHL	2.2	0.6	1.1	1.8	2.8	4.8	1.64%	1.17%	1.44%	1.7%	1.9%	2.01%
POL	17.2	10.8	15.1	16.9	19.1	23.9	5.15%	5.05%	5.65%	5.67%	5.35%	4.04%
PRT	11.0	7.3	9.4	10.8	12.4	15.0	2.3%	2.81%	2.48%	2.3%	2.12%	1.81%
PRY	3.3	1.3	2.7	3.3	3.8	5.4	1.7%	1.77%	2.06%	1.75%	1.53%	1.39%
ROU	3.8	1.9	3.0	3.9	4.5	5.7	2.48%	1.93%	2.4%	2.63%	2.73%	2.7%
RWA	0.3	0.0	0.1	0.1	0.2	1.0	0.57%	0.43%	0.44%	0.5%	0.58%	0.92%
SEN	2.6	0.8	1.4	2.5	3.3	4.8	1.19%	0.82%	0.95%	1.23%	1.38%	1.56%
SLV	2.7	0.9	1.8	2.5	3.1	5.0	2.09%	2.75%	2.4%	2.04%	1.75%	1.52%
SUR	3.4	1.5	2.4	3.2	4.3	5.8	1.68%	1.8%	1.77%	1.7%	1.66%	1.46%
SVK	7.5	6.8	7.0	7.9	7.7	8.4	2.2%	2.66%	2.29%	2.36%	2.06%	1.65%
SWE	7.3	6.2	7.1	7.7	7.1	8.5	0.88%	0.99%	0.92%	0.9%	0.78%	0.78%
TGO	0.9	0.2	0.5	0.7	1.1	1.8	1.06%	0.76%	0.98%	1.01%	1.13%	1.41%
THA	3.8	1.2	2.2	3.5	5.0	7.2	4.06%	4.06%	4.47%	4.46%	3.96%	3.36%
TUR	11.5	7.2	10.2	11.8	12.7	15.5	4.04%	4.43%	4.74%	4.32%	3.76%	2.97%
UGA	0.4	0.1	0.1	0.2	0.4	1.1	0.91%	1.03%	0.75%	0.74%	0.83%	1.2%
URY	3.7	1.8	2.6	3.4	4.5	6.4	0.78%	0.92%	0.81%	0.77%	0.72%	0.66%
ZAF	13.0	4.0	6.2	8.5	14.0	32.3	8.51%	9.67%	8.79%	8.67%	8.36%	7.03%

Note:

This table shows average carbon footprints in tCO₂ and average levels of carbon price incidence for households in all countries of our sample. We estimate household-weighted averages for the whole population and per expenditure quintile.

Table A.4: Share of households using cooking fuels

Country	Solid fuels					Liquid or gaseous fuels					Electricity				
	Expenditure quintile					Expenditure quintile					Expenditure quintile				
	EQ1	EQG2	EQ3	EQ4	EQ5	EQ1	EQG2	EQ3	EQ4	EQ5	EQ1	EQG2	EQ3	EQ4	EQ5
ARG	-	-	-	-	-	99%	99%	99%	98%	96%	1%	0%	1%	2%	4%
BEN	100%	100%	99%	96%	77%	-	0%	1%	3%	23%	-	-	-	-	-
BFA	99%	100%	98%	89%	43%	0%	0%	1%	11%	56%	-	-	0%	-	-
BOL	36%	12%	6%	3%	2%	63%	87%	92%	93%	89%	-	0%	0%	0%	1%
BRA	3%	1%	0%	0%	0%	95%	98%	98%	99%	98%	0%	1%	1%	1%	1%
BRB	0%	0%	-	-	-	89%	95%	94%	94%	88%	4%	4%	5%	5%	11%
CIV	97%	92%	73%	49%	27%	2%	8%	26%	49%	68%	-	-	-	-	0%
COL	28%	10%	4%	3%	1%	68%	86%	92%	92%	92%	3%	3%	3%	3%	5%
CRI	11%	4%	3%	2%	1%	52%	54%	47%	44%	29%	36%	41%	50%	54%	69%
DOM	10%	4%	3%	2%	1%	89%	94%	93%	92%	91%	0%	-	0%	0%	0%
ECU	15%	4%	2%	1%	0%	80%	94%	95%	96%	95%	0%	0%	0%	0%	1%
ETH	99%	99%	98%	90%	64%	0%	1%	0%	1%	2%	0%	0%	1%	8%	29%
GHA	97%	87%	70%	55%	31%	2%	11%	25%	35%	51%	-	0%	0%	0%	1%
GNB	100%	99%	98%	99%	93%	-	0%	0%	1%	6%	-	-	-	-	-
GTM	98%	92%	75%	58%	28%	1%	7%	23%	41%	68%	-	-	-	-	-
IDN	42%	21%	12%	6%	2%	57%	78%	87%	92%	92%	0%	0%	0%	1%	1%
IND	92%	84%	70%	41%	9%	2%	9%	25%	56%	79%	0%	0%	0%	0%	0%
IRQ	2%	0%	0%	0%	0%	98%	99%	100%	99%	99%	1%	1%	0%	1%	0%
KEN	98%	94%	79%	52%	24%	1%	5%	18%	44%	70%	0%	0%	1%	2%	2%
KHM	82%	59%	59%	44%	24%	17%	41%	41%	54%	74%	1%	0%	1%	0%	2%
LBR	100%	99%	99%	99%	98%	0%	0%	0%	0%	0%	0%	-	-	0%	0%
MDV	2%	0%	0%	-	-	96%	96%	98%	97%	95%	0%	1%	1%	1%	2%
MEX	38%	16%	9%	5%	2%	60%	83%	90%	93%	95%	1%	1%	1%	2%	2%
MLI	100%	100%	100%	99%	94%	-	-	-	1%	5%	-	-	-	-	0%
MMR	95%	90%	85%	78%	66%	1%	0%	1%	1%	3%	3%	10%	14%	19%	30%
MWI	100%	100%	100%	100%	95%	-	-	-	-	0%	-	-	0%	0%	5%
NER	98%	99%	99%	98%	81%	-	-	0%	1%	18%	-	-	-	-	-
NGA	98%	91%	72%	47%	19%	1%	9%	27%	52%	77%	-	-	-	-	-
NIC	94%	75%	49%	28%	10%	5%	24%	50%	70%	88%	0%	0%	1%	1%	0%
PER	31%	10%	4%	2%	0%	60%	85%	89%	87%	76%	1%	3%	5%	11%	21%
PRY	83%	56%	28%	17%	5%	12%	38%	65%	74%	81%	2%	4%	5%	8%	10%
RWA	-	-	-	-	0%	-	-	-	0%	5%	99%	99%	99%	100%	94%
SEN	98%	90%	71%	48%	18%	2%	10%	29%	51%	79%	-	-	-	0%	0%
SIV	32%	12%	7%	3%	2%	62%	87%	91%	95%	88%	0%	0%	1%	1%	4%
SUR	-	-	-	-	-	99%	98%	99%	97%	96%	0%	2%	0%	2%	2%
TGO	100%	99%	96%	90%	62%	-	0%	3%	9%	36%	-	-	-	-	-
THA	56%	33%	16%	8%	4%	38%	63%	77%	76%	67%	1%	1%	2%	4%	7%
TUR	16%	3%	1%	1%	0%	80%	96%	98%	98%	98%	3%	1%	0%	1%	2%
UGA	96%	98%	97%	95%	85%	0%	0%	0%	1%	6%	0%	0%	0%	1%	2%
URY	3%	1%	1%	1%	0%	93%	96%	96%	94%	90%	3%	3%	3%	6%	10%
ZAF	28%	13%	6%	2%	0%	8%	9%	9%	6%	8%	63%	77%	85%	91%	92%

Note:

This table shows the share of households using different cooking fuels, such as solid fuels (e.g., firewood, charcoal, coal, biomass), liquid fuels (e.g., LPG, natural gas, kerosene), or electricity over expenditure quintiles.

Table A.5: Share of households using lighting fuels

Country	Kerosene					Electricity					Other lighting fuels				
	Expenditure quintile					Expenditure quintile					Expenditure quintile				
	EQ1	EQ2	EQ3	EQ4	EQ5	EQ1	EQ2	EQ3	EQ4	EQ5	EQ1	EQ2	EQ3	EQ4	EQ5
BEN	1%	0%	1%	0%	1%	20%	30%	42%	60%	74%	80%	70%	58%	40%	25%
BFA	0%	0%	0%	0%	0%	29%	38%	44%	66%	91%	65%	59%	52%	30%	8%
BRB	1%	1%	1%	0%	-	88%	95%	97%	97%	97%	3%	3%	2%	2%	1%
CIV	0%	0%	0%	0%	0%	60%	74%	84%	90%	95%	37%	24%	15%	9%	4%
CRI	-	-	-	-	-	99%	100%	100%	100%	100%	-	-	-	-	-
DOM	2%	2%	1%	1%	0%	96%	97%	98%	98%	99%	2%	1%	1%	1%	0%
ECU	-	-	-	-	-	95%	99%	99%	100%	100%	-	-	-	-	-
ETH	30%	27%	23%	14%	3%	30%	43%	48%	68%	90%	41%	29%	29%	18%	7%
GHA	1%	1%	1%	1%	-	60%	80%	88%	92%	96%	36%	17%	11%	7%	4%
GNB	1%	0%	0%	0%	0%	43%	46%	49%	58%	72%	48%	48%	47%	37%	25%
GTM	-	-	-	-	-	58%	82%	89%	96%	97%	37%	15%	9%	4%	2%
IDN	-	-	-	-	-	96%	98%	99%	100%	100%	-	-	-	-	-
IND	48%	28%	15%	6%	2%	51%	72%	85%	94%	98%	0%	0%	0%	0%	0%
IRQ	1%	0%	0%	0%	0%	99%	100%	100%	100%	100%	0%	-	-	-	-
KEN	56%	53%	37%	20%	9%	23%	38%	57%	75%	88%	18%	8%	5%	4%	2%
KHM	2%	1%	-	-	1%	85%	94%	96%	96%	98%	12%	5%	4%	4%	1%
LBR	-	0%	0%	-	-	0%	3%	9%	20%	38%	98%	96%	90%	78%	59%
MLI	1%	1%	0%	0%	0%	61%	66%	68%	80%	94%	27%	26%	26%	18%	5%
MMR	13%	5%	4%	5%	2%	46%	55%	61%	69%	77%	41%	39%	35%	27%	21%
MWI	1%	1%	0%	0%	0%	0%	1%	3%	10%	39%	97%	97%	95%	88%	58%
NER	1%	0%	0%	0%	0%	3%	6%	13%	25%	58%	95%	94%	87%	74%	41%
NIC	14%	4%	3%	2%	0%	62%	85%	92%	96%	99%	-	-	-	-	-
PER	1%	0%	0%	0%	0%	86%	96%	98%	99%	99%	-	-	-	-	-
RWA	-	-	-	-	-	79%	83%	83%	85%	92%	20%	16%	16%	14%	8%
SEN	1%	1%	0%	0%	0%	40%	61%	83%	91%	96%	55%	35%	14%	8%	3%
SLV	4%	1%	0%	0%	0%	87%	96%	98%	99%	99%	9%	3%	2%	1%	1%
SUR	-	-	-	-	-	89%	96%	99%	99%	99%	6%	2%	1%	0%	1%
TGO	0%	0%	1%	0%	0%	13%	36%	62%	79%	89%	85%	63%	37%	19%	10%
UGA	44%	50%	40%	24%	10%	14%	21%	33%	52%	76%	8%	3%	3%	5%	4%
URY	0%	0%	-	-	-	99%	100%	100%	100%	100%	1%	0%	0%	0%	0%
ZAF	3%	2%	2%	1%	0%	85%	89%	92%	96%	99%	12%	8%	6%	3%	0%

Note:

This table shows the share of households using different lighting fuels over expenditure quintiles.

Table A.6: Share of households possessing different assets

Country	Car			TV			Refrigerator			AC			Washing machine		
	All	EQ1	EQ5	All	EQ1	EQ5	All	EQ1	EQ5	All	EQ1	EQ5	All	EQ1	EQ5
ARG	49%	26%	66%	97%	96%	97%	98%	95%	99%	53%	33%	72%	87%	81%	87%
ARM	32%	24%	41%	99%	99%	99%	96%	94%	98%	8%	4%	14%	92%	91%	95%
BEN	3%	0%	12%	23%	3%	52%	4%	0%	14%	0%	0%	1%	0%	0%	1%
BFA	4%	0%	17%	30%	3%	78%	9%	0%	38%	2%	0%	8%	0%	0%	0%
BGD	1%	0%	2%	36%	9%	71%	12%	0%	44%	-	-	-	0%	0%	1%
BOL	17%	5%	31%	84%	61%	92%	61%	28%	77%	10%	2%	22%	18%	2%	40%
BRA	46%	17%	77%	97%	94%	98%	98%	96%	99%	20%	6%	42%	65%	37%	87%
BRB	52%	21%	75%	49%	34%	61%	94%	84%	97%	8%	2%	18%	75%	60%	86%
CIV	3%	0%	10%	45%	15%	70%	15%	1%	35%	2%	0%	9%	2%	1%	5%
COL	14%	1%	39%	92%	81%	97%	83%	66%	92%	4%	1%	7%	61%	34%	82%
CRI	45%	19%	74%	97%	95%	98%	96%	92%	98%	-	-	-	-	-	-
DOM	21%	6%	45%	87%	83%	89%	83%	74%	87%	14%	2%	37%	80%	72%	84%
ECU	19%	2%	52%	91%	78%	98%	80%	56%	93%	6%	0%	17%	45%	15%	71%
ETH	1%	0%	4%	18%	1%	51%	7%	0%	25%	-	-	-	-	-	-
GHA	4%	1%	9%	64%	31%	85%	36%	7%	57%	1%	0%	3%	1%	0%	3%
GNB	3%	0%	12%	26%	5%	59%	13%	0%	40%	1%	0%	2%	0%	0%	1%
GTM	17%	2%	44%	71%	34%	92%	5%	0%	16%	-	-	-	11%	0%	36%
IDN	11%	1%	36%	14%	2%	38%	57%	25%	80%	8%	0%	29%	-	-	-
IND	4%	1%	15%	59%	23%	82%	20%	1%	58%	12%	2%	30%	9%	0%	32%
IRQ	35%	17%	62%	-	-	-	92%	83%	98%	41%	21%	59%	69%	41%	89%
ISR	72%	53%	82%	88%	76%	93%	100%	100%	100%	93%	89%	97%	96%	97%	94%
KHM	11%	2%	34%	-	-	-	-	-	-	-	-	-	-	-	-
LBR	2%	0%	6%	18%	1%	43%	4%	0%	15%	0%	0%	1%	-	-	-
MDV	5%	2%	8%	87%	86%	81%	90%	92%	82%	68%	58%	65%	90%	92%	82%
MEX	40%	21%	57%	67%	75%	54%	88%	74%	94%	100%	100%	100%	71%	50%	82%
MLI	4%	0%	17%	37%	13%	73%	10%	0%	34%	2%	0%	10%	0%	0%	0%
MMR	4%	0%	11%	49%	26%	72%	14%	1%	34%	3%	0%	11%	4%	0%	12%
MNG	-	-	-	97%	94%	99%	-	-	-	-	-	-	-	-	-
MWI	2%	0%	6%	11%	0%	38%	4%	0%	19%	0%	0%	0%	0%	0%	0%
NER	2%	0%	9%	10%	0%	41%	4%	0%	18%	1%	0%	4%	0%	0%	0%
NGA	8%	1%	19%	48%	11%	76%	24%	2%	49%	3%	0%	9%	2%	0%	8%
NIC	8%	0%	29%	75%	39%	95%	40%	7%	79%	1%	0%	6%	10%	0%	31%
NOR	88%	85%	93%	97%	96%	98%	96%	96%	97%	-	-	-	94%	93%	96%
PAK	4%	0%	16%	56%	26%	83%	43%	9%	79%	5%	0%	18%	47%	14%	79%
PER	12%	2%	29%	81%	52%	93%	53%	15%	80%	-	-	-	30%	3%	61%
PHL	7%	0%	27%	77%	45%	95%	41%	6%	81%	12%	0%	40%	36%	4%	72%
PRY	25%	2%	57%	87%	71%	93%	80%	59%	90%	25%	2%	60%	66%	40%	77%
RWA	1%	0%	5%	10%	0%	37%	2%	0%	8%	-	-	-	0%	0%	0%
SEN	5%	0%	20%	58%	17%	85%	32%	4%	65%	2%	0%	11%	0%	0%	2%
SLV	15%	1%	40%	87%	68%	95%	67%	36%	84%	1%	0%	5%	17%	2%	44%
SUR	38%	29%	44%	66%	66%	58%	80%	67%	84%	31%	10%	54%	83%	69%	88%
TGO	3%	0%	10%	36%	3%	70%	6%	0%	21%	1%	0%	3%	0%	0%	1%
THA	14%	1%	39%	97%	93%	97%	90%	82%	90%	18%	1%	45%	63%	39%	72%
TUR	39%	17%	65%	41%	23%	64%	99%	97%	100%	21%	13%	36%	96%	91%	98%
UGA	3%	0%	11%	17%	0%	52%	5%	0%	19%	-	-	-	-	-	-
URY	46%	26%	67%	97%	96%	97%	99%	97%	99%	42%	20%	60%	85%	74%	90%
ZAF	27%	3%	75%	79%	70%	91%	69%	54%	90%	-	-	-	34%	12%	69%

Note:

This table shows the share of households possessing different assets for all households (first and fifth expenditure quintile, respectively) in different countries.

Table A.7: Logit-model coefficients for carbon-intensive consumers in Brazil

Dependent Variables: Test	Upper 20% (1)	Lower 20% (2)
<i>Variables</i>		
(Intercept)	6.08*** (0.304)	-5.75*** (0.336)
HH Exp. (log)	-0.898*** (0.022)	0.735*** (0.025)
HH Size	0.094*** (0.010)	-0.264*** (0.014)
Urban Area	-0.440*** (0.034)	0.261*** (0.043)
Electricity Acc.	-0.286** (0.133)	-0.962*** (0.140)
Car Ownership	1.45*** (0.037)	-1.01*** (0.044)
CF = Firewood	-0.595** (0.252)	0.994*** (0.263)
CF = Liquidfuel	0.866 (0.992)	0.866 (1.06)
CF = LPG	0.096 (0.219)	-0.490** (0.235)
CF = Unknown	0.194 (0.292)	0.075 (0.276)
ISCED = 0	0.043 (0.079)	-0.036 (0.088)
ISCED = 2	0.064* (0.038)	0.020 (0.040)
ISCED = 6	-0.103* (0.058)	0.147*** (0.055)
ISCED = 7	-0.577* (0.301)	0.220 (0.173)
ISCED = 8	-0.375 (0.364)	0.328 (0.252)
ISCED = 9	-0.032 (0.061)	-0.138** (0.069)
ETH = Amarela	-0.038 (0.274)	0.014 (0.226)
ETH = Branca	0.026 (0.034)	0.120*** (0.037)
ETH = Indigena	-0.379* (0.210)	0.217 (0.197)
ETH = Preta	-0.076 (0.051)	0.091* (0.054)
ETH = Semdeclaracao	-0.366 (0.324)	0.604 (0.376)
Standard-Errors	Heteroskedasticity-robust	
Observations	57,889	57,889
Squared Correlation	0.10921	0.07823

*Heteroskedasticity-robust standard-errors in parentheses
Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Note:

This table displays regression results from equation LOGIT on the log-odds transformed probability of higher (lower) additional costs than 80% of the population in Brazil as the dependent variable.

Table A.8: Logit-model coefficients for carbon-intensive consumers in Colombia

Dependent Variables: Test	Upper 20% (1)	Lower 20% (2)
<i>Variables</i>		
(Intercept)	4.97*** (0.309)	-2.92*** (0.248)
HH Exp. (log)	-0.979*** (0.027)	0.443*** (0.026)
HH Size	0.154*** (0.010)	-0.219*** (0.014)
Urban Area	-0.184*** (0.059)	0.034 (0.062)
Electricity Acc.	0.569*** (0.217)	-1.05*** (0.127)
Car Ownership	1.43*** (0.056)	-0.899*** (0.072)
CF = Coal	-0.633 (0.720)	0.577 (0.503)
CF = Firewood	-1.50*** (0.186)	1.10*** (0.115)
CF = Gas	1.20*** (0.141)	-1.24*** (0.085)
CF = Kerosene	0.672 (0.607)	-1.06** (0.418)
CF = LPG	0.918*** (0.144)	-0.418*** (0.090)
CF = Unknown	-1.01*** (0.308)	1.13*** (0.142)
ISCED = 0	0.021 (0.075)	0.236*** (0.075)
ISCED = 2	-0.175*** (0.055)	0.096 (0.061)
ISCED = 3	-0.310*** (0.046)	0.204*** (0.050)
ISCED = 6	-0.439*** (0.057)	0.279*** (0.056)
ISCED = 7	-0.610*** (0.131)	0.419*** (0.114)
ISCED = 9	1.32** (0.616)	0.083 (0.533)
ETH = Afrodescendiente	-0.104 (0.068)	0.293*** (0.063)
ETH = Gitano-Rrom	-2.39** (1.03)	-1.17 (0.903)
ETH = Indigena	-0.355*** (0.130)	0.300*** (0.103)
ETH = PalenquerodeSanBasilio	-0.766 (0.776)	0.293 (0.784)
ETH = SanAndresyProvidencia	0.999** (0.455)	-0.783 (0.487)
Standard-Errors	Heteroskedasticity-robust	
Observations	86,866	86,866
Squared Correlation	0.12474	0.13571

*Heteroskedasticity-robust standard-errors in parentheses
Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Note:

This table displays regression results from equation LOGIT on the log-odds transformed probability of higher (lower) additional costs than 80% of the population in Colombia as the dependent variable.

Table A.9: Logit-model coefficients for carbon-intensive consumers in Germany

Dependent Variables: Test	Upper 20% (1)	Lower 20% (2)
<i>Variables</i>		
(Intercept)	8.11*** (0.386)	-7.60*** (0.389)
HH Exp. (log)	-0.992*** (0.031)	0.706*** (0.034)
HH Size	0.353*** (0.013)	-0.608*** (0.019)
Urban Area	-0.859*** (0.037)	0.711*** (0.056)
ISCED = 2	0.607** (0.256)	-0.477** (0.230)
ISCED = 3	0.770*** (0.249)	-0.644*** (0.221)
ISCED = 4	0.379 (0.253)	-0.405* (0.225)
ISCED = 5	0.576** (0.260)	-0.608*** (0.233)
ISCED = 6	0.818*** (0.250)	-0.767*** (0.223)
ISCED = 9	0.480* (0.249)	-0.398* (0.222)
Standard-Errors	Heteroskedasticity-robust	
Observations	52,412	52,412
Squared Correlation	0.05250	0.05730

Heteroskedasticity-robust standard-errors in parentheses

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Note:

This table displays regression results from equation LOGIT on the log-odds transformed probability of higher (lower) additional costs than 80% of the population in Germany as the dependent variable.

Table A.10: Logit-model coefficients for carbon-intensive consumers in India

Dependent Variables: Test	Upper 20% (1)	Lower 20% (2)
<i>Variables</i>		
(Intercept)	2.08*** (0.332)	-9.63*** (0.364)
HH Exp. (log)	-0.592*** (0.038)	1.38*** (0.039)
HH Size	0.102*** (0.008)	-0.256*** (0.011)
Urban Area	-1.62*** (0.042)	1.36*** (0.049)
Electricity Acc.	1.69*** (0.062)	-1.60*** (0.052)
Car Ownership	1.02*** (0.058)	-0.863*** (0.067)
CF = Charcoal	-1.58*** (0.607)	0.738 (0.450)
CF = Coal	2.51*** (0.247)	-2.26*** (0.320)
CF = Firewood	-1.25*** (0.224)	0.565** (0.261)
CF = Gas	-0.170 (0.391)	-0.315 (0.516)
CF = Kerosene	-0.853*** (0.248)	-0.364 (0.276)
CF = LPG	-0.391* (0.222)	-0.468* (0.258)
CF = Otherbiomass	-0.942*** (0.231)	0.504* (0.269)
CF = Unknown	-1.68*** (0.241)	0.345 (0.275)
ISCED = 0	-0.167*** (0.051)	0.324*** (0.057)
ISCED = 2	0.143*** (0.052)	0.062 (0.058)
ISCED = 3	0.340*** (0.066)	0.083 (0.073)
ISCED = 6	0.315*** (0.072)	-0.013 (0.077)
ISCED = 7	0.375*** (0.093)	-0.136 (0.108)
ISCED = 9	2.13** (1.02)	-3.96*** (1.19)
ETH = Others	0.083** (0.037)	-0.186*** (0.040)
ETH = ScheduledCastes	-0.078* (0.044)	-0.205*** (0.048)
ETH = ScheduledTribes	0.141** (0.058)	-0.308*** (0.067)
Standard-Errors	Heteroskedasticity-robust	
Observations	101,581	101,581
Squared Correlation	0.14859	0.14483

*Heteroskedasticity-robust standard-errors in parentheses
Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Note:

This table displays regression results from equation LOGIT on the log-odds transformed probability of higher (lower) additional costs than 80% of the population in India as the dependent variable.

Table A.11: Logit-model coefficients for carbon-intensive consumers in Myanmar (Burma)

Dependent Variables: Test	Upper 20% (1)	Lower 20% (2)
<i>Variables</i>		
(Intercept)	-5.08*** (0.702)	1.79*** (0.663)
HH Exp. (log)	0.412*** (0.091)	-0.430*** (0.087)
HH Size	0.048* (0.025)	-0.111*** (0.029)
Urban Area	-0.277** (0.132)	-0.065 (0.146)
Electricity Acc.	0.357*** (0.130)	-0.446*** (0.112)
Car Ownership	1.11*** (0.209)	-0.658 (0.490)
CF = Charcoal	-0.236 (0.173)	0.935*** (0.257)
CF = Coal	2.64*** (0.963)	-12.1*** (0.264)
CF = Firewood	-0.076 (0.161)	1.05*** (0.241)
CF = Kerosene	0.133 (1.00)	0.263 (1.07)
CF = LPG	0.159 (0.362)	0.193 (0.742)
CF = Otherbiomass	-1.00** (0.428)	1.39*** (0.377)
CF = Unknown	2.00*** (0.480)	-0.882 (0.687)
ISCED = 0	0.523 (0.439)	0.049 (0.361)
ISCED = 2	0.154 (0.147)	-0.122 (0.136)
ISCED = 3	0.503*** (0.182)	-0.454** (0.213)
ISCED = 4	1.98*** (0.529)	-1.43 (1.06)
ISCED = 5	0.961 (1.15)	0.386 (1.09)
ISCED = 6	0.070 (0.259)	-0.849** (0.427)
ISCED = 7	-0.710 (1.08)	2.09 (1.39)
ISCED = 9	-0.011 (0.165)	-0.043 (0.141)
Standard-Errors	Heteroskedasticity-robust	
Observations	3,648	3,648
Squared Correlation	0.06542	0.08562

*Heteroskedasticity-robust standard-errors in parentheses
Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Note:

This table displays regression results from equation LOGIT on the log-odds transformed probability of higher (lower) additional costs than 80% of the population in Myanmar (Burma) as the dependent variable.

Table A.12: Logit-model coefficients for carbon-intensive consumers in Peru

Dependent Variables: Test	Upper 20% (1)	Lower 20% (2)
<i>Variables</i>		
(Intercept)	15.9*** (0.491)	-9.74*** (0.523)
HH Exp. (log)	-2.24*** (0.063)	1.14*** (0.066)
HH Size	0.016 (0.016)	-0.140*** (0.016)
Urban Area	0.297*** (0.053)	-0.233*** (0.064)
Electricity Acc.	0.292*** (0.111)	-0.785*** (0.080)
Car Ownership	0.977*** (0.082)	-0.760*** (0.093)
CF = Coal	-3.64*** (0.725)	2.61*** (0.208)
CF = Firewood	-5.97*** (0.257)	4.52*** (0.141)
CF = Gas	-0.194 (0.194)	0.195 (0.119)
CF = LPG	0.446*** (0.141)	-0.672*** (0.088)
CF = Otherbiomass	-7.86*** (1.10)	5.10*** (0.300)
CF = Unknown	-6.18*** (0.494)	4.12*** (0.180)
ISCED = 0	-0.205** (0.101)	0.474*** (0.096)
ISCED = 2	-0.046 (0.075)	-0.129 (0.090)
ISCED = 3	-0.080 (0.061)	-0.211*** (0.073)
ISCED = 4	-0.021 (0.085)	0.059 (0.090)
ISCED = 6	-0.219 (0.162)	0.247* (0.137)
ISCED = 7	-0.088 (0.111)	-0.132 (0.103)
ISCED = 8	-0.044 (0.243)	0.001 (0.157)
ETH = Aaymara	0.519*** (0.100)	0.001 (0.162)
ETH = Blanco	-0.027 (0.132)	0.255** (0.116)
ETH = Nativooindigenadelaamazonia	0.599*** (0.185)	-0.400** (0.172)
ETH = Negro/moreno/zambo/mulato/afroperuano	-0.151 (0.094)	0.175* (0.094)
ETH = Nosabe/noresponde	0.195* (0.106)	0.378*** (0.112)
ETH = Otro	0.141 (0.127)	0.246** (0.125)
ETH = Otropuebloindigenauoriginario	-0.758** (0.361)	0.403 (0.808)
ETH = Quechua	-0.032 (0.055)	0.142** (0.064)
Standard-Errors	Heteroskedasticity-robust	
Observations	34,542	34,542
Squared Correlation	0.36884	0.47704

Heteroskedasticity-robust standard-errors in parentheses

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Note:

This table displays regression results from equation LOGIT on the log-odds transformed probability of higher (lower) additional costs than 80% of the population in Peru as the dependent variable.