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1 Tables

Table 1: Sample size by group and year

Group	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
All	31,007	22,599	31,323	32,390	31,081	30,509	28,858	27,314	27,531	28,022	28,422	26,981	26,988	26,100	25,902	25,762	25,415	24,478	23,144	21,697	20,242	5,115
Age: 0-24	2,198	1,611	2,337	2,541	2,321	2,172	1,920	1,775	1,793	1,786	1,937	1,744	1,681	1,658	1,675	1,482	1,298	1,232	1,113	1,018	643	221
Age: 25-34	5,422	3,949	5,387	5,440	4,920	4,850	4,625	4,524	4,330	4,383	4,521	4,444	4,342	4,268	4,074	4,091	3,832	3,729	3,443	3,044	2,731	726
Age: 35-44	6,731	4,912	6,711	6,688	6,304	6,184	5,989	5,337	5,224	5,188	5,045	4,770	4,759	4,290	4,424	4,334	4, 145	3,880	3,616	3,563	3,288	862
Age: 45-54	6,216	4,505	6,173	6,506	6,418	6,310	5,901	5,661	5,826	5,932	5,951	5,406	5,339	4,953	4,796	4,689	4,679	4,426	4,128	3,567	3,343	881
Age: 55-64	3,930	2,981	4,295	4,650	4,772	4,821	4,742	4,509	4,636	4,815	5,005	4,757	4,811	4,719	4,720	4,794	4,962	4,770	4,487	4,272	4,161	1,007
Age: 65-74	3,388	2,367	3,283	3,243	3,258	3,162	2,849	2,717	2,959	3,094	3,185	3,216	3,355	3,548	3,635	3,674	3,809	3,806	3,666	3,568	3,457	830
Age: 75+	3,122	2,274	3,137	3,322	3,088	3,010	2,832	2,791	2,763	2,824	2,778	2,644	2,701	2,664	2,578	2,698	2,690	2,635	2,691	2,665	2,619	588
Broad age: 0-29	6,510	4,641	6,420	6,565	6,346	6,172	5,681	5,508	5,722	5,918	5,963	5,860	6,056	6,212	6,213	6,372	6,499	6,441	6,357	6,233	6,076	1,418
Broad age: 30-64	16,877	12,398	17,179	17,844	17,494	17,315	16,632	15,507	15,686	15,935	16,001	14,933	14,909	13,962	13,940	13,817	13,786	13,076	12,231	11,402	10,792	2,750
Broad age: 65+	7,620	5,560	7,724	7,981	7,241	7,022	6,545	6,299	6,123	6,169	6,458	6,188	6,023	5,926	5,749	5,573	5,130	4,961	4,556	4,062	3,374	947
Edu.: below h.s.	5,020	3,431	4,723	4,981	4,501	4,724	4,375	4,215	4,039	3,936	4,116	3,675	3,664	3,289	3,241	3,129	2,916	2,689	2,439	2,068	1,627	449
Edu.: high school	23, 173	17,131	23,635	24,292	23,379	22,676	21,483	20,248	20,518	21,164	21,163	20,297	20, 151	19,626	19,484	19,552	19,318	18,636	17,584	16,550	15,415	3,847
Edu.: college	2,814	2,037	2,965	3,117	3,201	3,109	3,000	2,851	2,974	2,922	3,143	3,009	3,173	3,185	3,177	3,081	3,181	3,153	3,121	3,079	3,200	819
Ethnicity: Black	3,727	2,657	3,603	3,671	3,502	3,498	3,394	3,105	3,353	3,243	3,446	3,323	3,491	3,212	3,169	3,010	2,889	2,821	2,517	2,277	2,091	555
Ethnicity: White	27,280	19,942	27,720	28,719	27,579	27,011	25,464	24,209	24,178	24,779	24,976	23,658	23,497	22,888	22,733	22,752	22,526	21,657	20,627	19,420	18,151	4,560
HH size: 1	8,593	6,214	8,530	9,413	8,758	8,543	8,182	7,835	7,824	8,095	8,552	8,115	8,047	7,946	7,910	7,858	7,702	7,271	7,010	6,866	6,259	1,599
HH size: 2	9,531	6,967	9,924	10,076	9,995	9,642	8,965	8,502	8,950	9,058	8,805	8,267	8,326	8,225	8,217	8,380	8,402	8,417	8,057	7,354	6,842	1,718
HH size: 3-4	9,441	6,803	9,528	9,411	9,129	9,069	8,635	8,033	7,875	7,904	8,078	7,690	7,837	7,311	7,114	7,003	6,857	6,504	5,972	5,498	5,309	1,337
HH size: 5+	3,442	2,615	3,341	3,490	3,199	3,255	3,076	2,944	2,882	2,965	2,987	2,909	2,778	2,618	2,661	2,521	2,454	2,286	2,105	1,979	1,832	461
Income: 0-20th	9,539	5,753	7,270	7,439	3,594	2,293	4,943	5,603	5,907	5,956	6,250	6,058	5,857	5,915	5,910	5,193	4,748	4,361	3,836	3,582	3,181	860
Income: 21-40th	7,054	5,048	6,986	7,267	7,070	6,733	5,790	5,603	5,426	5,540	5,770	5,449	5,346	4,987	4,922	4,959	4,698	4,390	3,918	3,449	3,049	745
Income: 41-60th	6,156	4,733	6,617	6,729	7,289	7,640	6,304	5,478	5,469	5,524	5,612	5,289	5,195	4,927	4,953	4,887	5,058	4,718	4,547	4,233	3,861	931
Income: 61-80th	5,298	4,272	6,268	6,282	7,443	7,457	6,204	5,464	5,424	5,349	5,403	4,981	5,264	4,884	4,769	4,918	4,794	4,856	4,636	4,382	3,997	1,016
Income: 81-100th	2,960	2,793	4,182	4,673	5,685	6,386	5,617	5,166	5,305	5,653	5,387	5,204	5,326	5,387	5,348	5,805	6,117	6,153	6,207	6,051	6,154	1,563
Kids: 0	19,677	14,376	20,106	20,869	20,254	19,707	18,724	17,704	18,202	18,685	19,025	17,983	18,003	17,940	17,732	17,706	17,639	17,174	16,484	15,572	14,564	3,666
Kids: 1-2	8,836	6,401	8,787	9,002	8,454	8,472	8,002	7,482	7,274	7,339	7,396	7,034	7,006	6,363	6,356	6,293	6,108	5,707	5,138	4,752	4,457	1,145
Kids: 3+	2,494	1,822	2,430	2,519	2,373	2,330	2,132	2,128	2,055	1,998	2,001	1,964	1,979	1,797	1,814	1,763	1,668	1,597	1,522	1,373	1,221	304
Metro: no	4,640	3,510 19,089	4,831 26,492	5,092 27,298	4,814	3,947	3,720	3,647	3,814	3,849 24,173	3,742 24,680	3,439 23,542	3,432 23,556	3,393	3,351	3,181	2,756 22,659	2,565	2,488	2,313	1,974 18,268	462
Metro: yes	26,367	. ,		. ,	26,267	26,562	25,138	23,667	23,717	,	,	- , -	. ,	22,707	22,551	22,581	,	21,913	20,656	19,384	.,	4,653
Region: Midwest	7,210	5,401	7,638	7,851	7,496	6,884	6,643	6,317	6,446	6,565	6,437	6,092	5,902	5,736	5,566	5,022	4,963	4,823	4,676	4,216	3,992	1,019 881
Region: Northeast	5,562	3,793	5,326	5,584 10,626	5,264 10,083	4,817 11.088	5,370	5,297	5,130 9,808	5,315	5,312 9,947	5,162 9,332	5,128 9,621	4,569	4,671 9,391	4,651 9,304	4,562 8,885	4,313 8,641	4,037 7,835	3,771	3,718 6,425	
Region: South Region: West	10,150	7,367 6,038	10,209	. ,	8,238	7,720	10,238	9,510 6,046	6,009	9,718 6,277	6,551	6,255	6, 164	9,525 6,118	6,127	5,959	5,955	5,734	5,728	7,307 5,488	5,544	1,693 1,410
Region: west Rent/own: own	8,085 20,750	15,447	8,150 21,384	8,329 21,818	8,238	20,957	6,495 19,635	18,433	18,770	18,797	18,704	6,233 17,504	17,240	16,820	16,439	16,205	5,955 16,017	15,731	5,728 14,937	13,993	13,582	3,323
Rent/own: rent	10,059	6,985	9,749	10,357	9,513	9,353	9,026	8,721	8,579	9,004	9,507	9,282	9,564	9,096	9,288	9,409	9,229	8,571	7,998	7,501	6,470	1,754
Urban: no	2,780	2,043	2,835	3.021	2,873	2,217	1,666	1,520	1,567	1,559	1,536	1,370	1,413	1,405	1,410	1,877	1,667	1.537	1,562	1,409	1,305	305
Urban: no	28,227	20,556	28,488	29,369	28,208	28, 292	27,192	25,794	25,964	26,463	26,886	25,611	25,575	24,695	24,492	23,885	23,748	22,941	21,582	20,288	18,937	4,810
Old/poor/owner	7,146	4,826	6,271	6,334	5,015	4,633	4,973	5,023	5,381	5,248	5,553	5,153	5,084	5,226	5,301	5,013	4,849	4,586	4,200	3,855	3,701	882
Old/poor/renter	2,319	1,514	2,141	2,381	2,126	2,063	2,157	2,099	2,067	2,205	2,305	2,239	2,402	2,261	2,248	2,373	2,436	2,183	2,089	2,031	1,809	882 462
Old/rich/owner	3,371	3,032	4,456	4,904	6,357	6,509	5,413	4,971	5,064	5,470	5,296	5,218	5,301	5,252	5,095	5,249	5,504	5,728	5,562	5,361	5,400	1,281
Old/rich/renter	451	353	595	637	733	727	634	596	612	667	699	681	813	706	844	893	997	940	988	1,026	963	240
Young/poor/owner	4,732	3,152	4,205	4,111	2,720	2.098	2,715	2,759	2,789	2,872	2,750	2,499	2,268	2,139	2.093	1,780	1,573	1,471	1,268	1,020	977	236
Young/poor/renter	5,384	3,132	4,203	5,194	4,211	3,930	3,981	3,901	3,783	3,844	4,170	4,119	3,953	3,777	3,681	3,431	3.083	2,751	2,378	1,966	1,549	454
Young/rich/owner	5,501	4,437	6,452	6,469	7,305	7,717	6,534	5,680	5,765	5,207	5,105	4,119	4,587	4,203	3,950	4,163	4.091	3,946	3,907	3,688	3,504	924
Young/rich/renter	1,905	1,547	2,171	2,145	2,443	2,633	2,254	2,125	2,117	2,288	2,333	2,243	2,396	2,352	2,515	2,712	2,713	2,697	2,543	2,478	2,149	598 598
Toung/Tich/renter	1,903	1,347	2,1/1	2,143	2,443	2,033	2,234	2,123	2,117	2,200	2,333	2,243	2,390	2,332	2,313	2,712	2,713	2,097	2,343	2,470	2,149	290

Table 2: CPI by group (variable weights, OER)

Group	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
All	100.0	104.2	104.9	108.4	111.3	115.2	122.0	124.0	133.1	129.6	135.1	139.9	145.3	147.9	150.2	146.3	147.5	152.7	156.8	159.1	162.9	165.0
Age: 0-24	100.0	103.7	104.5	108.1	111.2	114.9	121.3	123.9	133.4	129.4	135.4	140.7	145.9	149.1	151.7	147.5	148.8	154.4	156.2	158.8	163.1	169.0
Age: 25-34	100.0	103.9	104.5	107.8	110.5	114.2	120.9	122.8	131.6	127.9	133.6	138.7	144.2	146.5	148.6	144.2	145.7	150.8	155.0	157.4	160.7	162.4
Age: 35-44	100.0	104.1	104.6	108.0	110.7	114.5	121.3	123.1	132.7	128.6	134.2	138.8	144.7	147.0	149.2	144.6	145.6	150.7	155.4	156.7	160.1	161.5
Age: 45-54	100.0	104.2	104.8	108.2	111.0	115.4	122.3	124.0	133.3	129.5	135.5	140.5	146.3	148.2	150.7	146.4	147.1	152.3	156.4	158.4	162.2	163.4
Age: 55-64	100.0	104.3	104.8	108.4	111.2	115.3	122.1	124.1	133.4	129.6	135.4	139.9	145.5	148.4	150.6	146.7	147.6	153.0	157.1	159.3	162.7	165.0
Age: 65-74	100.0	104.6	105.4	109.1	112.2	116.1	122.8	124.9	133.6	130.7	135.7	140.4	145.4	148.2	150.7	147.1	148.5	153.7	157.6	160.9	165.0	167.9
Age: 75+	100.0	104.8	106.2	110.0	113.5	117.6	124.3	126.8	134.6	134.0	137.4	141.2	145.5	148.5	151.1	149.5	152.0	157.0	161.5	163.9	168.6	171.3
Broad age: 0-29	100.0	103.9	104.5	107.9	110.7	114.4	121.0	123.1	132.2	128.3	134.1	139.2	144.7	147.2	149.5	145.1	146.5	151.7	155.3	157.8	161.1	163.9
Broad age: 30-64	100.0	104.2	104.7	108.2	111.0	115.0	121.9	123.7	133.1	129.2	135.1	139.8	145.5	147.9	150.2	145.9	146.8	152.0	156.3	158.1	161.7	163.4
Broad age: 65+	100.0	104.7	105.8	109.5	112.8	116.8	123.6	125.8	134.1	132.3	136.5	140.8	145.5	148.3	150.9	148.2	150.0	155.1	159.2	162.2	166.5	169.3
Edu.: below h.s.	100.0	104.6	105.4	109.0	112.0	116.0	123.1	124.9	134.3	131.1	136.8	141.9	147.2	149.8	152.0	148.4	149.2	154.4	158.5	160.8	165.0	165.6
Edu.: high school	100.0	104.2	104.8	108.3	111.2	115.2	122.0	123.9	133.1	129.5	135.1	139.9	145.4	148.0	150.3	146.2	147.4	152.6	156.9	159.3	162.8	165.0
Edu.: college	100.0	103.8	104.7	107.9	110.8	114.5	120.7	122.9	131.1	128.5	133.1	137.2	142.3	144.8	147.6	144.8	146.4	151.7	155.1	157.1	162.2	164.9
Ethnicity: Black	100.0	104.5	105.0	108.3	111.4	115.1	122.6	124.1	132.6	129.5	134.4	138.9	144.7	147.4	149.8	145.8	147.0	153.0	157.1	159.3	162.1	164.8
Ethnicity: White	100.0	104.2	104.9	108.4	111.2	115.2	121.9	124.0	133.2	129.6	135.2	140.0	145.4	147.9	150.2	146.3	147.6	152.7	156.8	159.1	163.0	165.1
HH size: 1	100.0	104.3	105.4	109.0	112.1	115.9	122.4	124.7	133.1	131.0	135.9	140.1	145.2	147.9	150.5	147.9	149.6	154.7	158.9	161.4	165.4	168.8
HH size: 2	100.0	104.2	104.8	108.3	111.2	115.2	122.0	124.1	133.5	129.5	135.0	139.9	145.2	147.9	150.1	146.0	147.2	152.7	156.5	159.0	162.7	164.5
HH size: 3-4	100.0	104.1	104.6	108.0	110.8	114.7	121.7	123.3	132.6	128.7	134.6	139.6	145.4	147.7	150.1	145.3	146.5	151.6	155.8	157.4	161.5	163.3
HH size: 5+	100.0	104.2	104.5	107.9	110.5	114.7	121.9	123.5	133.3	128.7	134.7	140.0	145.7	148.1	149.5	144.9	145.0	150.0	154.7	157.1	159.6	160.1
Income: 0-20th	100.0	104.3	105.2	108.7	112.1	115.9	122.8	125.1	134.2	131.1	136.4	140.9	146.3	149.3	151.4	148.3	149.2	154.1	158.2	161.0	164.8	167.9
Income: 21-40th	100.0	104.5	105.4	109.1	112.4	116.4	123.3	125.1	133.9	131.5	136.8	141.5	146.8	149.3	151.3	148.4	150.2	155.5	160.2	162.7	166.5	168.7
Income: 41-60th	100.0	104.2	104.8	108.4	111.4	115.5	122.3	124.3	133.7	129.6	135.5	140.5	146.1	148.4	150.9	146.4	147.6	153.6	158.2	160.6	164.1	166.5
Income: 61-80th	100.0	103.9	104.4	107.8	110.6	114.7	121.4	123.1	132.5	128.3	134.0	139.1	144.9	147.1	149.7	145.1	146.3	151.4	155.9	158.0	162.1	164.2
Income: 81-100th	100.0	103.7	104.3	107.4	110.0	113.9	120.2	122.1	131.0	127.5	132.7	137.1	142.4	145.0	147.5	143.6	145.0	150.1	153.6	155.7	159.7	161.1
Kids: 0	100.0	104.2	105.1	108.6	111.6	115.6	122.3	124.4	133.4	130.2	135.6	140.2	145.5	148.2	150.7	147.1	148.4	153.8	157.7	160.1	164.0	166.7
Kids: 1-2	100.0	104.1	104.6	107.9	110.6	114.6	121.5	123.1	132.3	128.4	134.3	139.1	145.0	147.1	149.3	144.6	145.9	150.6	155.1	157.0	160.8	161.7
Kids: 3+	100.0	104.2	104.5	107.7	110.5	114.4	121.5	123.2	132.8	128.4	133.8	139.4	144.7	147.1	148.5	144.1	144.3	149.3	153.9	156.5	158.5	159.2
Metro: no	100.0	104.2	104.6	108.4	111.2	115.6	123.3	125.1	135.7	129.9	137.1	142.9	148.4	151.0	153.6	147.5	147.9	153.3	157.9	158.7	163.0	165.5
Metro: yes	100.0	104.2	105.0	108.4	111.3	115.1	121.8	123.8	132.6	129.6	134.8	139.4	144.8	147.3	149.6	146.1	147.4	152.6	156.7	159.2	162.9	165.0
Region: Midwest	100.0	104.6	104.8	108.5	111.6	115.7	123.4	124.6	133.7	130.0	135.8	140.4	145.7	148.2	150.6	146.0	147.5	152.2	156.3	158.7	161.8	164.3
Region: Northeast	100.0	104.5	105.0	108.6	111.6	115.8	122.5	124.6	133.6	131.1	135.3	139.8	144.8	147.3	150.0	146.6	147.7	152.8	157.0	159.7	163.3	166.3
Region: South	100.0	103.9	104.8	108.2	111.0	114.9	121.8	123.9	133.3	129.0	135.0	140.2	145.9	148.6	150.9	146.3	147.5	152.9	157.0	159.3	163.2	165.4
Region: West	100.0	104.0	104.9	108.3	111.1	114.8	120.6	123.0	131.6	129.0	134.5	138.7	144.2	146.6	148.5	146.0	147.3	152.8	156.8	158.6	163.2	164.5
Rent/own: own	100.0	104.3	104.7	108.2	111.1	115.2	122.3	124.0	133.5	129.3	135.0	139.9	145.4	147.8	150.2	145.6	146.4	151.6	155.3	157.3	161.3	163.4
Rent/own: rent	100.0	104.0	105.3	108.7	111.6	115.4	121.5	123.9	132.3	130.4	135.5	139.8	145.1	148.1	150.1	147.6	149.4	154.8	159.7	162.6	166.1	168.2
Urban: no	100.0	104.4	104.5	108.5	111.0	115.7	123.5	124.7	135.2	129.4	138.1	143.1	149.2	151.7	154.3	148.1	148.4	154.1	158.6	158.5	163.6	166.8
Urban: yes	100.0	104.2	104.9	108.4	111.3	115.2	121.9	123.9	132.9	129.6	134.9	139.6	145.0	147.5	149.8	146.1	147.4	152.6	156.7	159.2	162.8	164.9
Old/poor/owner	100.0	104.8	105.5	109.4	112.9	117.1	124.2	126.2	135.3	131.9	137.1	141.7	146.8	149.7	152.0	148.5	149.0	154.5	158.9	161.4	165.4	167.9
Old/poor/renter	100.0	104.3	106.3	109.5	112.8	116.5	122.4	124.9	132.5	132.8	136.9	140.7	145.7	148.9	150.8	150.0	152.7	158.0	163.2	166.7	170.3	172.7
Old/rich/owner	100.0	104.1	104.5	108.0	110.8	115.0	121.7	123.5	132.6	129.0	134.5	139.3	144.5	146.9	149.7	145.2	146.6	151.6	155.4	157.4	161.6	163.6
Old/rich/renter	100.0	103.8	105.4	108.7	111.5	115.3	121.0	123.9	132.0	130.0	135.2	139.4	145.2	148.5	150.2	148.0	149.2	155.8	159.5	163.5	166.8	170.4
Young/poor/owner	100.0	104.2	104.4	108.0	111.0	115.3	123.0	124.3	134.4	129.1	135.7	141.0	147.8	149.1	151.2	145.2	146.3	151.0	153.2	156.1	159.6	164.5
Young/poor/renter	100.0	104.1	105.2	108.6	111.7	115.3	121.7	124.1	132.8	130.5	135.7	140.2	145.6	148.7	150.7	147.6	149.3	154.6	159.7	161.8	165.2	166.2
Young/rich/owner	100.0	103.9	104.2	107.5	110.2	114.1	120.9	122.5	132.1	127.2	133.0	138.1	143.8	145.8	147.9	142.8	143.4	148.6	152.5	153.7	157.4	158.6
Young/rich/renter	100.0	103.8	104.8	108.0	110.7	114.6	120.4	122.7	131.1	128.2	133.7	138.2	143.6	146.1	148.7	145.4	147.0	152.5	157.3	160.1	163.7	165.9

Table 3: CPI by group (fixed weights, OER)

Group	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
All	100.0	104.1	105.0	108.9	111.8	115.6	121.7	124.1	131.5	129.9	135.1	138.6	143.7	146.3	148.9	146.5	147.8	152.5	156.6	158.5	163.1	165.1
Age: 0-24	100.0	103.8	104.7	108.6	111.5	115.5	121.4	123.9	131.6	129.9	135.6	139.3	144.7	147.5	149.9	147.4	149.0	153.6	157.6	159.5	164.1	166.0
Age: 25-34	100.0	104.0	104.7	108.5	111.1	114.8	120.7	123.0	130.3	128.4	133.9	137.3	142.4	144.9	147.4	144.6	145.9	150.5	154.5	156.4	160.9	163.0
Age: 35-44	100.0	104.1	104.6	108.5	111.3	115.1	121.2	123.4	130.8	128.7	134.2	137.8	142.9	145.4	147.8	144.8	145.9	150.5	154.5	156.2	160.7	162.6
Age: 45-54	100.0	104.1	104.8	108.8	111.7	115.6	121.8	124.1	131.6	129.6	135.3	139.0	144.2	146.7	149.2	146.4	147.6	152.4	156.4	158.2	162.8	164.6
Age: 55-64	100.0	104.2	105.0	109.0	111.9	115.8	122.1	124.4	131.8	130.0	135.5	139.0	144.1	146.7	149.2	146.7	147.9	152.7	156.8	158.6	163.3	165.1
Age: 65-74	100.0	104.2	105.3	109.3	112.3	116.2	122.2	124.8	131.9	131.0	135.7	139.1	144.0	146.7	149.3	147.6	149.0	153.8	157.8	159.9	164.6	166.7
Age: 75+	100.0	104.5	106.1	110.0	113.3	117.2	123.2	126.1	132.8	133.3	136.9	139.9	144.6	147.5	150.5	150.2	151.9	156.8	161.0	163.7	168.5	171.1
Broad age: 0-29	100.0	103.9	104.7	108.5	111.2	115.0	120.9	123.2	130.7	128.8	134.3	137.9	143.0	145.6	148.1	145.4	146.8	151.3	155.4	157.3	161.8	163.8
Broad age: 30-64	100.0	104.1	104.8	108.8	111.6	115.5	121.7	124.0	131.5	129.5	135.0	138.6	143.7	146.3	148.8	146.0	147.2	151.9	155.9	157.7	162.3	164.1
Broad age: 65+	100.0	104.3	105.7	109.6	112.7	116.6	122.6	125.4	132.3	132.0	136.2	139.4	144.3	147.0	149.8	148.7	150.3	155.1	159.2	161.5	166.3	168.6
Edu.: below h.s.	100.0	104.4	105.3	109.2	112.2	116.2	122.6	125.0	132.7	131.4	136.7	140.2	145.5	148.1	150.8	148.5	149.6	154.3	158.7	160.6	165.3	167.7
Edu.: high school	100.0	104.1	104.9	108.9	111.8	115.6	121.8	124.1	131.5	129.8	135.2	138.7	143.8	146.4	149.0	146.4	147.7	152.5	156.6	158.5	163.1	165.1
Edu.: college	100.0	103.9	105.0	108.6	111.4	115.1	120.7	123.3	129.9	129.1	133.3	136.5	141.2	143.8	146.3	144.8	146.4	150.8	154.4	156.7	161.0	162.6
Ethnicity: Black	100.0	104.3	105.1	108.9	111.7	115.5	121.7	123.9	131.1	130.0	134.8	138.1	143.1	145.7	148.3	146.2	147.5	152.1	156.2	158.2	162.7	164.9
Ethnicity: White	100.0	104.1	105.0	108.9	111.8	115.7	121.7	124.2	131.5	129.9	135.2	138.7	143.8	146.4	148.9	146.5	147.8	152.6	156.6	158.5	163.2	165.1
HH size: 1	100.0	104.2	105.5	109.3	112.3	116.1	122.0	124.7	131.7	131.2	135.8	139.0	143.9	146.6	149.3	148.0	149.8	154.6	158.8	161.1	165.9	168.2
HH size: 2	100.0	104.1	104.9	108.9	111.7	115.6	121.7	124.1	131.5	129.7	135.1	138.6	143.6	146.2	148.8	146.3	147.6	152.4	156.3	158.2	162.9	164.7
HH size: 3-4	100.0	104.1	104.7	108.7	111.4	115.3	121.5	123.7	131.3	129.1	134.8	138.4	143.6	146.1	148.6	145.5	146.6	151.3	155.3	157.0	161.5	163.3
HH size: 5+	100.0	104.2	104.5	108.5	111.2	115.1	121.6	123.6	131.4	128.8	134.6	138.4	143.8	146.2	148.6	145.0	145.8	150.4	154.4	155.9	160.2	162.1
Income: 0-20th	100.0	104.2	105.3	109.2	112.3	116.2	122.4	124.9	132.3	131.3	136.2	139.7	144.8	147.5	150.1	148.2	149.6	154.3	158.4	160.5	165.1	167.4
Income: 21-40th	100.0	104.3	105.5	109.4	112.4	116.4	122.6	125.1	132.5	131.7	136.7	140.1	145.2	147.9	150.7	148.9	150.4	155.2	159.5	161.6	166.4	168.8
Income: 41-60th	100.0	104.2	105.0	109.1	111.9	115.8	122.1	124.4	132.0	130.0	135.7	139.3	144.5	147.1	149.7	146.9	148.1	153.1	157.3	159.1	163.9	165.9
Income: 61-80th	100.0	104.1	104.7	108.7	111.4	115.3	121.4	123.6	131.0	128.7	134.5	138.1	143.2	145.7	148.2	145.1	146.3	151.2	155.1	156.9	161.5	163.3
Income: 81-100th	100.0	103.9	104.6	108.3	111.0	114.7	120.5	122.8	129.8	127.9	133.0	136.4	141.2	143.8	146.1	143.7	144.9	149.4	153.0	154.9	159.2	160.7
Kids: 0	100.0	104.2	105.2	109.1	112.0	115.9	122.0	124.5	131.7	130.5	135.6	139.0	144.0	146.7	149.3	147.2	148.7	153.5	157.6	159.7	164.4	166.4
Kids: 1-2	100.0	104.1	104.6	108.5	111.2	115.1	121.3	123.4	130.9	128.7	134.3	137.9	143.1	145.6	148.0	144.9	146.0	150.6	154.5	156.2	160.6	162.6
Kids: 3+	100.0	104.1	104.5	108.3	111.0	114.8	121.1	123.2	130.8	128.5	134.0	137.6	142.9	145.3	147.7	144.3	145.2	149.5	153.4	155.0	159.2	161.2
Metro: no	100.0	104.3	104.6	108.9	111.8	116.0	122.9	125.0	133.5	130.3	137.1	141.2	146.9	149.3	152.0	147.6	148.1	153.1	157.5	158.7	163.5	165.3
Metro: yes	100.0	104.1	105.0	108.9	111.8	115.6	121.6	124.0	131.2	129.8	134.9	138.3	143.2	145.9	148.4	146.3	147.7	152.4	156.4	158.5	163.1	165.0
Region: Midwest	100.0	104.5	104.9	109.0	111.9	115.9	122.3	124.5	131.8	130.1	135.4	138.9	144.0	146.5	149.1	146.5	147.6	152.4	156.3	158.3	162.8	164.8
Region: Northeast	100.0 100.0	104.4 103.9	105.2 104.9	109.0 108.8	112.0 111.6	115.9 115.4	122.0 121.6	124.4 124.0	131.6 131.5	130.7 129.6	135.2 135.3	138.5 138.9	143.4	146.0 146.8	148.7 149.3	146.8 146.5	148.0 147.8	152.7 152.6	156.8 156.7	158.9	163.4 163.1	165.3
Region: South		103.9		108.8	111.6				131.5				144.2	146.8	149.3	146.5	147.8	152.6	156.7	158.4	163.1	165.1 165.1
Region: West	100.0		105.1		111.7	115.5	121.2	123.7	130.8	129.5	134.4 135.5	137.8	142.7 143.8		147.9	148.0	147.7	154.6	159.0	158.5		
Rent/own: own Rent/own: rent	100.0 100.0	104.0 104.2	105.4 104.8	109.1 108.8	111.9	115.7 115.6	121.3 122.0	124.0 124.2	131.2	130.6 129.5	135.5	138.8 138.6	143.8	146.6 146.2	149.3	148.0	149.9	154.6	155.3	161.4 157.0	166.2 161.5	168.6 163.3
Urban: no	100.0	104.2	104.8	108.8	111.7	116.2	123.2	124.2	134.0	130.6	137.6		143.7	140.2	152.6	143.7	148.5	151.4	158.0	159.2	164.0	165.9
Urban: yes	100.0	104.4	104.0	109.1	111.9	115.6	123.2	123.3	131.3	129.8	137.0	141.8 138.4	147.3	146.0	148.6	146.1	146.3	152.4	156.4	158.4	163.0	165.9
Old/poor/owner	100.0	104.1	105.0	108.9	111.8	116.8	123.3	125.8	133.2	131.9	136.9	140.3	145.4	148.0	150.8	148.5	147.7	154.6	158.8	160.7	165.4	167.6
Old/poor/owner Old/poor/renter	100.0	104.5	105.4	109.6	112.7	116.8	123.3	125.8	133.2	131.9	136.9	139.9	145.4	148.0	150.8	148.5	153.0	154.6	162.3	165.1	170.2	173.1
Old/poor/renter Old/rich/owner	100.0	104.2	106.2	109.8	111.6	115.5	121.7	123.1	131.9	129.3	134.6	139.9	144.8	147.7	148.1	145.5	146.6	151.4	155.2	157.0	161.5	163.0
Old/rich/renter	100.0	104.1	104.8	108.8	111.0	115.3	121.7	124.0	131.2	130.3	135.4	138.8	143.1	145.7	148.1	143.3	150.1	151.4	159.3	161.7	166.7	168.8
Young/poor/owner	100.0	104.0	103.4	109.2	111.4	115.6	121.3	124.0	131.2	129.2	135.4	139.4	145.0	147.4	149.4	145.6	146.2	150.8	154.7	155.9	160.7	162.0
Young/poor/renter	100.0	104.2	104.3	108.5	111.4	115.7	121.5	124.1	131.5	130.7	135.7	139.4	144.3	147.1	149.7	148.0	149.8	154.4	158.8	161.1	165.8	168.2
Young/rich/owner	100.0	104.0	103.3	109.0	110.8	114.6	120.8	122.8	130.2	127.3	133.7	136.8	141.8	144.2	146.5	142.9	143.7	148.3	152.0	153.5	157.8	159.4
Young/rich/renter	100.0	103.9	104.3	108.2	111.2	114.0	120.5	123.0	130.2	127.3	133.2	137.4	142.4	145.1	147.6	145.5	147.4	152.1	156.3	158.5	163.2	165.2
Toung/Hen/Tenter	100.0	105.9	104.7	100.7	111.2	117.7	120.3	125.0	130.2	120.7	154.0	137.4	174.7	173.1	147.0	175.5	177.7	1,72.1	150.5	150.5	105.2	105.2

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Table 4: CPI by group (fixed weights, mortgage)

Group	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
All	100.0	105.1	105.6	109.6	113.1	118.0	125.2	128.1	135.3	133.1	137.1	140.4	145.0	147.0	149.4	146.6	147.8	153.1	156.6	158.4	163.2	164.3
Age: 0-24	100.0	104.1	104.6	108.4	112.3	116.1	122.6	125.4	133.9	132.3	136.7	140.6	146.5	146.4	149.9	147.3	149.6	153.1	158.9	159.7	163.7	166.2
Age: 25-34	100.0	103.9	104.6	108.5	111.7	115.9	122.8	124.9	132.1	129.4	134.1	137.3	142.5	144.1	145.5	143.1	144.5	149.0	152.1	153.6	158.7	161.4
Age: 35-44	100.0	105.2	105.6	109.3	112.2	117.5	125.7	128.5	135.4	133.5	136.6	139.0	143.3	146.1	148.8	145.1	147.2	151.9	154.7	156.1	160.9	161.3
Age: 45-54	100.0	105.3	105.7	110.3	113.1	119.0	125.0	129.0	135.7	132.7	137.7	141.1	144.5	146.8	150.5	147.7	148.6	154.8	157.6	159.1	164.2	166.1
Age: 55-64	100.0	106.3	106.6	110.1	114.7	119.5	127.3	129.5	137.1	134.9	138.9	143.4	148.8	150.5	152.0	148.4	149.7	156.5	162.5	163.1	166.6	165.9
Age: 65-74	100.0	105.7	104.6	109.9	113.8	118.9	126.1	129.6	136.3	137.0	140.5	145.5	151.3	153.8	154.9	153.1	154.0	161.3	161.5	168.4	172.4	171.9
Age: 75+	100.0	104.1	106.1	109.8	115.9	119.2	125.8	129.3	139.1	139.5	141.7	144.7	149.8	153.5	159.5	158.0	156.9	161.1	168.9	170.7	176.7	180.2
Broad age: 0-29	100.0	103.9	104.8	108.4	111.2	116.1	122.7	125.3	133.6	131.3	135.8	139.3	143.6	144.8	146.5	144.3	146.3	149.9	154.9	156.2	160.6	163.5
Broad age: 30-64	100.0	105.3	105.6	109.6	113.0	118.2	125.5	128.4	135.2	132.6	136.7	140.0	144.4	146.4	149.0	145.7	147.0	152.6	156.2	157.4	162.1	163.0
Broad age: 65+	100.0	105.0	105.2	109.8	114.5	118.8	126.0	129.4	137.4	138.0	141.0	145.4	151.0	154.1	157.0	155.4	155.9	162.0	164.9	169.7	174.8	175.7
Edu.: below h.s.	100.0	104.0	104.8	109.7	112.6	118.1	125.2	130.1	136.5	135.8	138.8	142.1	148.0	149.5	154.0	150.5	150.6	155.9	159.9	162.2	166.5	169.0
Edu.: high school	100.0	105.2	105.3	109.4	112.7	117.8	124.8	127.7	134.7	132.9	136.5	139.9	144.1	146.2	148.5	145.5	146.8	151.7	155.0	156.7	161.8	163.0
Edu.: college	100.0	105.0	106.5	108.7	112.5	116.8	124.0	125.8	133.2	129.0	134.1	136.2	141.3	142.6	144.4	142.7	143.5	149.6	152.8	154.0	156.3	156.4
Ethnicity: Black	100.0	104.8	106.1	109.2	112.0	116.1	123.4	127.5	134.0	131.8	136.1	139.6	145.5	146.3	149.1	147.1	148.4	153.4	157.3	159.5	164.9	165.8
Ethnicity: White	100.0	105.2	105.6	109.7	113.2	118.3	125.5	128.3	135.5	133.3	137.2	140.5	144.9	147.1	149.5	146.6	147.8	153.1	156.6	158.4	163.0	164.2
HH size: 1	100.0	105.3	106.1	109.9	114.7	118.2	126.7	129.7	136.9	135.1	138.8	141.6	147.0	148.7	151.8	149.9	151.0	155.9	160.1	162.5	167.7	170.5
HH size: 2	100.0	105.0	105.8	109.5	113.2	118.6	126.2	128.2	135.4	133.8	138.3	141.6	145.6	148.0	150.4	146.8	148.2	153.7	156.8	159.6	164.1	163.6
HH size: 3-4	100.0	105.1	104.7	109.6	112.5	117.3	124.2	127.7	134.6	131.8	135.7	139.2	144.0	146.1	148.5	145.2	146.7	151.9	155.4	155.7	161.2	162.2
HH size: 5+	100.0	105.7	106.6	108.9	111.7	118.7	124.8	127.8	135.6	132.0	135.6	139.2	144.5	145.7	148.0	144.5	144.9	150.5	153.4	156.3	158.4	162.1
Income: 0-20th	100.0	105.1	106.6	109.0	111.0	110.5	124.8	128.6	137.4	135.8	138.8	141.3	146.8	147.6	150.9	148.1	147.8	154.6	156.6	161.5	165.9	163.8
Income: 21-40th	100.0	104.8	104.9	109.0	111.4	115.2	122.6	126.0	133.8	133.0	137.1	141.0	145.3	148.5	151.4	149.1	149.9	154.4	158.6	161.4	166.0	167.8
Income: 41-60th	100.0	103.7	103.8	107.8	110.0	114.4	121.4	124.1	131.4	129.4	134.5	138.1	142.6	144.1	146.7	142.8	143.7	149.9	152.6	153.5	159.4	161.9
Income: 61-80th	100.0	103.8	103.4	107.4	109.9	114.3	120.8	123.2	129.3	126.1	131.1	134.5	139.4	141.7	142.9	139.5	140.5	144.3	147.7	147.9	152.9	154.0
Income: 81-100th	100.0	105.5	105.1	108.3	111.1	115.4	122.6	125.1	131.0	127.9	131.6	134.3	137.5	139.5	141.7	138.0	139.3	143.8	146.6	147.8	151.0	152.0
Kids: 0	100.0	105.1	105.9	109.9	113.9	118.5	126.2	128.9	136.1	134.6	138.6	142.0	146.6	148.6	151.2	148.2	149.8	155.5	158.9	161.2	166.4	167.2
Kids: 1-2	100.0	105.1	105.0	109.1	112.2	117.4	124.1	127.2	134.2	131.4	135.4	138.6	143.1	145.6	148.0	144.9	145.8	150.4	154.4	154.9	159.7	160.8
Kids: 3+	100.0	105.4	105.9	109.0	111.1	117.5	124.1	127.0	135.4	131.8	134.7	138.1	144.0	145.6	147.4	145.1	145.1	151.4	152.9	156.0	156.6	161.0
Metro: no	100.0	104.7	105.4	110.4	112.9	117.7	124.6	127.5	136.4	132.5	138.0	142.4	149.0	149.6	152.4	146.8	145.5	151.5	154.0	155.8	161.8	162.4
Metro: yes	100.0	105.2	105.6	109.3	113.0	117.5	124.5	127.4	134.3	132.4	136.1	139.3	143.6	145.8	148.2	145.6	147.0	152.0	155.6	157.4	161.9	163.0
Region: Midwest	100.0	105.6	105.4	109.3	113.6	118.7	124.9	128.2	135.7	132.8	137.1	140.0	144.6	147.1	149.1	147.8	148.4	152.4	155.7	157.3	161.9	163.4
Region: Northeast	100.0	105.2	105.9	109.7	113.9	117.6	125.6	128.0	136.5	135.0	137.6	142.1	146.2	148.4	150.9	148.1	149.6	155.2	160.1	160.7	164.8	166.1
Region: South	100.0	104.9	105.6	109.8	113.0	117.8	124.6	128.1	135.3	133.1	137.3	140.4	146.1	148.1	150.7	147.5	149.2	154.4	158.1	160.0	164.3	165.7
Region: West	100.0	105.1	105.7	109.5	112.5	118.7	126.2	128.7	134.3	132.6	136.7	139.4	143.1	144.9	147.3	145.1	146.9	152.7	155.0	157.9	163.2	163.2
Rent/own: own	100.0	104.0	105.4	109.2	112.0	115.7	121.5	124.2	131.4	130.8	135.6	138.9	144.0	146.7	149.5	148.3	150.1	154.8	159.4	161.5	166.4	168.7
Rent/own: rent	100.0	105.8	105.6	109.7	113.4	119.1	127.1	129.9	137.1	134.2	137.6	141.0	145.4	147.0	149.3	145.7	146.5	152.2	154.9	156.7	161.3	161.9
Urban: no	100.0	104.1	104.6	110.2	112.5	117.8	123.1	125.9	135.4	131.0	137.2	142.4	147.6	149.0	151.9	147.3	145.8	152.6	154.7	156.0	160.6	162.7
Urban: yes	100.0	105.2	105.7	109.4	113.1	117.7	124.7	127.6	134.6	132.6	136.4	139.6	144.1	146.2	148.6	145.8	147.1	152.2	155.9	157.6	162.4	163.4
Old/poor/owner	100.0	105.4	104.4	108.6	109.7	113.0	123.8	128.6	139.2	136.7	140.4	144.0	148.6	150.2	154.7	151.0	149.5	156.0	159.1	163.3	168.0	166.7
Old/poor/renter	100.0	104.1	106.4	109.9	112.8	116.5	122.2	125.5	132.1	133.2	137.2	140.0	145.0	147.8	150.9	151.3	153.5	158.1	162.9	165.1	170.5	173.4
Old/rich/owner	100.0	104.8	103.9	107.8	111.4	116.3	123.2	126.0	132.3	130.0	134.0	138.0	142.4	144.8	147.1	142.3	143.5	149.3	152.2	152.9	157.1	158.3
Old/rich/renter	100.0	103.7	105.0	109.2	111.9	115.8	121.5	123.7	131.5	130.1	135.2	139.0	143.7	146.5	149.3	147.9	150.1	155.0	160.1	161.6	166.5	168.5
Young/poor/owner	100.0	105.0	104.9	107.5	107.0	108.6	123.1	127.2	135.2	133.0	136.5	139.0	145.6	145.3	147.3	141.5	142.0	148.1	149.0	152.6	157.6	158.8
Young/poor/renter	100.0	104.0	105.3	109.0	111.8	115.7	121.5	124.3	131.5	130.9	135.8	139.2	144.3	147.1	149.8	148.1	149.8	154.4	158.8	161.3	165.8	168.2
Young/rich/owner	100.0	105.0	104.6	109.0	111.0	116.7	125.1	127.7	134.3	130.2	133.7	136.7	139.9	142.3	144.0	140.7	142.0	146.0	147.6	148.5	153.2	153.7
Young/rich/renter	100.0	103.9	105.0	108.8	111.4	115.0	120.7	123.3	130.4	129.0	134.2	137.5	142.7	145.5	147.8	146.0	147.5	152.2	156.5	158.6	163.5	165.3

Table 5: Regression of expenditure shares (owned housing measured with mortgage)

	Tr 1	TT	TT211-1		ent variable:	TT1d-	F-4-4-1	Education.
	Food (1)	Housing (2)	H'hold exp. (3)	Clothing (4)	Transportation (5)	Health (6)	Entertainment (7)	Education (8)
Time	0.258***	0.011	-0.013	-0.232***	0.020	0.042**	-0.037**	-0.048**
Time	(0.029)	(0.032)	(0.024)	(0.014)	(0.030)	(0.017)	(0.016)	(0.025)
Age: 25-34	-1.291***	6.636***	2.299***	-2.519***	0.149	1.187***	-0.862***	-5.599***
11gc. 23 34	(0.173)	(0.204)	(0.140)	(0.105)	(0.198)	(0.078)	(0.104)	(0.181)
Age: 35-44	-1.070***	8.654***	1.760***	-3.112***	-1.410***	1.946***	-0.633***	-6.135***
	(0.174)	(0.204)	(0.140)	(0.107)	(0.197)	(0.081)	(0.106)	(0.178)
Age: 45-54	-1.192***	6.980***	1.575***	-3.523***	-0.460**	3.085***	-0.927***	-5.538***
	(0.176)	(0.206)	(0.141)	(0.108)	(0.198)	(0.084)	(0.107)	(0.183)
Age: 55-64	-1.145***	5.090***	2.709***	-3.698***	-0.648***	5.222***	-0.868***	-6.663***
	(0.182)	(0.215)	(0.148)	(0.111)	(0.205)	(0.097)	(0.112)	(0.186)
Age: 65-74	-0.865***	2.135***	3.531***	-3.971***	-2.627***	10.231***	-1.447***	-6.988***
	(0.189)	(0.225)	(0.156)	(0.114)	(0.214)	(0.113)	(0.116)	(0.187)
Age: 75+	-1.636***	2.200***	5.729***	-4.851***	-6.328***	14.531***	-2.617***	-7.027***
	(0.193)	(0.239)	(0.168)	(0.114)	(0.216)	(0.131)	(0.114)	(0.189)
Ethnicity: White	-0.330***	-0.534***	-3.441***	-1.088***	2.002***	1.779***	1.228***	0.384***
	(0.099)	(0.138)	(0.093)	(0.056)	(0.124)	(0.064)	(0.052)	(0.056)
Region: Northeast	1.007***	2.518***	-0.196**	0.453***	-1.863***	-1.390***	-0.288***	-0.240***
	(0.087)	(0.130)	(0.087)	(0.049)	(0.119)	(0.071)	(0.057)	(0.068)
Region: South	1.336***	-1.429***	0.797***	-0.136***	0.777***	-0.115*	-0.500***	-0.731***
	(0.075)	(0.108)	(0.075)	(0.039)	(0.106)	(0.066)	(0.050)	(0.051)
Region: West	-0.054	3.334***	-1.362***	0.019	-0.210*	-0.974***	-0.723***	-0.030
	(0.080)	(0.123)	(0.080)	(0.042)	(0.113)	(0.069)	(0.054)	(0.062)
Urban: yes	-0.205*	5.436***	-0.643***	0.353***	-3.476***	-1.600***	-0.417***	0.552***
•	(0.106)	(0.144)	(0.109)	(0.051)	(0.155)	(0.099)	(0.072)	(0.050)
Edu.: college	-4.317***	2.985***	-1.213***	0.590***	0.240	-0.204*	0.161**	1.757***
-	(0.120)	(0.187)	(0.123)	(0.061)	(0.166)	(0.105)	(0.076)	(0.078)
Edu.: high school	-3.255***	0.385***	-0.947***	0.229***	1.950***	0.181**	0.439***	1.018***
	(0.095)	(0.129)	(0.088)	(0.043)	(0.120)	(0.078)	(0.054)	(0.033)
HH size	0.537***	-0.897***	0.129***	0.170***	0.436***	-0.041***	-0.306***	-0.028**
	(0.022)	(0.031)	(0.020)	(0.012)	(0.029)	(0.015)	(0.013)	(0.013)
Renter: yes	1.390***	6.687***	-3.530***	-0.063	-2.276***	-1.526***	-0.219***	-0.463***
	(0.074)	(0.105)	(0.068)	(0.041)	(0.093)	(0.054)	(0.045)	(0.052)
Income: 21-40th	-1.512***	-2.213***	0.881***	-0.021	1.741***	1.377***	0.568***	-0.821***
	(0.102)	(0.138)	(0.092)	(0.049)	(0.124)	(0.079)	(0.058)	(0.067)
Income: 41-60th	-3.449***	-1.605***	-0.306***	0.035	4.651***	1.290***	0.653***	-1.270***
	(0.093)	(0.133)	(0.087)	(0.048)	(0.121)	(0.074)	(0.057)	(0.059)
Income: 61-80th	-4.770***	0.057	-0.917***	0.155***	5.029***	0.311***	0.906***	-0.771***
	(0.092)	(0.136)	(0.089)	(0.049)	(0.124)	(0.072)	(0.058)	(0.063)
Income: 81-100th	-6.014***	2.688***	-1.111***	0.656***	3.359***	-0.930***	1.130***	0.223***
	(0.096)	(0.151)	(0.099)	(0.053)	(0.135)	(0.077)	(0.064)	(0.074)
Time x Age: 25-34	-0.065***	-0.128***	-0.014	0.088***	0.011	0.039***	0.053***	0.017
	(0.019)	(0.020)	(0.015)	(0.009)	(0.019)	(0.009)	(0.010)	(0.020)
Time x Age: 35-44	-0.105***	-0.159***	0.004	0.108***	0.038**	0.038***	0.056***	0.020
	(0.019)	(0.020)	(0.015)	(0.009)	(0.019)	(0.009)	(0.010)	(0.019)
Time x Age: 45-54	-0.148***	-0.092***	-0.024	0.111***	0.007	0.025***	0.071***	0.050**
	(0.019)	(0.020)	(0.015)	(0.010)	(0.019)	(0.009)	(0.011)	(0.020)
Time x Age: 55-64	-0.167***	-0.054***	-0.049***	0.110***	0.012	0.032***	0.064***	0.053***
	(0.019)	(0.021)	(0.015)	(0.010)	(0.019)	(0.010)	(0.011)	(0.020)
Time x Age: 65-74	-0.218***	0.035	-0.092***	0.116***	0.028	0.011	0.094***	0.026
	(0.020)	(0.022)	(0.016)	(0.010)	(0.020)	(0.011)	(0.011)	(0.021)
Time x Age: 75+	-0.214***	0.020	-0.152***	0.145***	0.058***	0.0004	0.116***	0.027
	(0.020)	(0.023)	(0.017)	(0.010)	(0.020)	(0.012)	(0.011)	(0.021)

Table continued on next page

				Depen	dent variable:			
	Food	Housing	H'hold exp.	Clothing	Transportation	Health	Entertainment	Education
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Time x Ethnicity: White	0.037***	0.043***	0.092***	0.028***	-0.143***	-0.023***	-0.032***	-0.003
	(0.009)	(0.012)	(0.008)	(0.005)	(0.011)	(0.006)	(0.005)	(0.005)
Time x Region: Northeast	-0.052***	0.041***	-0.004	-0.012***	0.036***	-0.025***	-0.012**	0.029***
	(0.008)	(0.012)	(0.008)	(0.004)	(0.010)	(0.007)	(0.005)	(0.007)
Time x Region: South	0.020***	-0.012	-0.021***	-0.005	0.034***	-0.036***	0.004	0.016***
	(0.007)	(0.010)	(0.007)	(0.003)	(0.009)	(0.006)	(0.005)	(0.005)
Time x Region: West	0.032***	-0.0003	0.026***	-0.006*	-0.004	-0.048***	0.010**	-0.010*
	(0.007)	(0.011)	(0.007)	(0.003)	(0.010)	(0.006)	(0.005)	(0.005)
Time x Urban: yes	-0.018	0.087***	-0.056***	-0.009**	0.047***	0.008	-0.057***	-0.003
	(0.011)	(0.014)	(0.011)	(0.004)	(0.015)	(0.010)	(0.007)	(0.005)
Time x Edu.: college	0.005	-0.003	0.001	-0.032***	-0.051***	0.083***	-0.007	0.003
	(0.011)	(0.017)	(0.011)	(0.005)	(0.014)	(0.010)	(0.007)	(0.007)
Γime x Edu.: high school	0.015*	-0.004	0.020**	-0.024***	-0.057***	0.070***	-0.007	-0.014***
	(0.009)	(0.012)	(0.008)	(0.004)	(0.011)	(0.007)	(0.005)	(0.004)
Time x HH size	-0.013***	-0.015***	0.015***	-0.001	0.004*	0.003*	0.001	0.006***
	(0.002)	(0.003)	(0.002)	(0.001)	(0.003)	(0.001)	(0.001)	(0.001)
Time x Renter: yes	-0.109***	0.215***	-0.049***	0.014***	-0.008	-0.028***	-0.037***	0.001
	(0.007)	(0.009)	(0.006)	(0.003)	(0.008)	(0.005)	(0.004)	(0.005)
Time x Income: 21-40th	0.005	-0.024*	0.043***	0.013***	-0.024**	-0.051***	0.018***	0.019***
	(0.010)	(0.013)	(0.009)	(0.004)	(0.011)	(0.008)	(0.005)	(0.007)
Time x Income: 41-60th	0.026***	-0.099***	0.063***	0.010***	-0.044***	0.020***	0.006	0.019***
	(0.009)	(0.012)	(0.008)	(0.004)	(0.011)	(0.007)	(0.005)	(0.006)
Time x Income: 61-80th	0.038***	-0.140***	0.047***	0.003	-0.043***	0.108***	-0.001	-0.012**
	(0.009)	(0.012)	(0.008)	(0.004)	(0.011)	(0.007)	(0.005)	(0.006)
Time x Income: 81-100th	0.031***	-0.121***	-0.002	-0.011***	-0.022^{*}	0.132***	0.006	-0.013**
	(0.009)	(0.013)	(0.009)	(0.004)	(0.011)	(0.007)	(0.006)	(0.007)
Constant	23.377***	15.189***	18.513***	7.789***	17.187***	2.884***	8.219***	6.842***
	(0.272)	(0.329)	(0.234)	(0.154)	(0.313)	(0.172)	(0.162)	(0.226)
Observations	560,371	560,371	560,371	560,371	560,371	560,371	560,371	560,371
\mathbb{R}^2	0.073	0.133	0.066	0.065	0.063	0.231	0.022	0.055
Adjusted R ²	0.072	0.133	0.066	0.065	0.063	0.231	0.022	0.055

*p<0.1; **p<0.05; ***p<0.01

Table 6: Regression of expenditure shares (owned housing measured with OER)

	I	** .	7791 11		lent variable:	TT 1.1	D	The state of
	Food	Housing (2)	H'hold exp.	Clothing (4)	Transportation	Health (6)	Entertainment (7)	Education (8)
P!	0.307***	-0.124***	(3)	-0.227***	(5)	0.071***	-0.028*	-0.045*
ime	(0.028)	(0.029)	0.024 (0.023)	(0.014)	(0.029)	(0.017)	(0.016)	(0.025)
age: 25-34	-0.827***	4.907***	2.655***	-2.391***	0.678***	1.211***	-0.650***	-5.583**
	(0.171)	(0.194)	(0.139)	(0.106)	(0.198)	(0.078)	(0.105)	(0.182)
ge: 35-44	-0.470***	6.558***	2.182***	-2.973***	-0.891***	2.073***	-0.366***	-6.113**
	(0.172)	(0.194)	(0.139)	(0.107)	(0.197)	(0.081)	(0.107)	(0.178)
Age: 45-54	-1.026***	6.331***	1.641***	-3.490***	-0.286	3.171***	-0.855***	-5.486**
	(0.174)	(0.195)	(0.140)	(0.108)	(0.198)	(0.084)	(0.108)	(0.184)
age: 55-64	-1.566***	6.946***	2.243***	-3.814***	-1.177***	5.134***	-1.080***	-6.686**
	(0.179)	(0.202)	(0.145)	(0.111)	(0.205)	(0.096)	(0.113)	(0.186)
ge: 65-74	-2.158***	7.512***	2.257***	-4.227***	-3.870***	9.470***	-1.963***	-7.019**
	(0.184)	(0.210)	(0.152)	(0.113)	(0.212)	(0.108)	(0.115)	(0.187)
.ge: 75+	-3.785***	11.067***	3.298***	-5.153***	-7.841***	12.832***	-3.356***	-7.061**
	(0.187)	(0.226)	(0.160)	(0.113)	(0.212)	(0.124)	(0.114)	(0.189)
thnicity: White	-0.120	-0.994***	-3.263***	-1.075***	2.028***	1.748***	1.288***	0.388***
	(0.095)	(0.121)	(0.089)	(0.055)	(0.123)	(0.063)	(0.052)	(0.057)
egion: Northeast	0.804***	3.156***	-0.353***	0.419***	-1.991***	-1.415***	-0.383***	-0.237**
egion. Normeast	(0.085)	(0.114)	(0.086)	(0.049)	(0.119)	(0.070)	(0.058)	(0.069)
agian: South	0.933***	0.209**	0.395***	-0.236***	0.412***	-0.261***	-0.696***	-0.755**
egion: South	(0.072)	(0.091)	(0.073)	(0.039)	(0.105)	(0.064)	(0.050)	(0.052)
	-0.174**	2 972***	1.510***	0.024	0.212***	1.012***	0.000***	0.022
egion: West	(0.078)	3.872*** (0.104)	-1.518*** (0.079)	-0.024 (0.042)	-0.313*** (0.113)	-1.012*** (0.067)	-0.800*** (0.054)	-0.032 (0.062)
T.A	-0.055	4.000***	0.510***	0.200***	-3.359***	1.660***	-0.338***	0.5(1**
Irban: yes	(0.100)	4.988*** (0.114)	-0.518*** (0.105)	0.388*** (0.051)	(0.152)	-1.669*** (0.096)	(0.071)	0.561*** (0.051)
du.: college	-3.789*** (0.115)	0.929*** (0.158)	-0.591*** (0.120)	0.684*** (0.061)	0.443*** (0.166)	0.136 (0.102)	0.354*** (0.077)	1.835*** (0.080)
du.: high school	-3.002*** (0.091)	-0.466*** (0.114)	-0.682*** (0.083)	0.242*** (0.042)	1.991*** (0.118)	0.378*** (0.074)	0.512*** (0.053)	1.028*** (0.034)
		(0.114)			(0.110)	(0.074)		(0.054)
IH size	0.651***	-1.265***	0.230***	0.185***	0.496***	0.014	-0.296***	-0.014
	(0.022)	(0.027)	(0.020)	(0.012)	(0.029)	(0.015)	(0.013)	(0.014)
Renter: yes	1.116***	8.230***	-3.748***	-0.199***	-3.051***	-1.361***	-0.463***	-0.524**
	(0.072)	(0.094)	(0.066)	(0.041)	(0.093)	(0.053)	(0.045)	(0.053)
ncome: 21-40th	-1.524***	-1.773***	0.864***	-0.066	1.532***	1.284***	0.526***	-0.843**
	(0.096)	(0.125)	(0.087)	(0.049)	(0.121)	(0.075)	(0.057)	(0.067)
ncome: 41-60th	-2.987***	-2.988***	0.147*	0.052	4.829***	1.478***	0.767***	-1.299**
	(0.088)	(0.116)	(0.083)	(0.047)	(0.120)	(0.071)	(0.056)	(0.060)
ncome: 61-80th	-3.799***	-3.558***	-0.013	0.297***	5.831***	0.721***	1.290***	-0.769**
	(0.088)	(0.115)	(0.086)	(0.049)	(0.124)	(0.071)	(0.059)	(0.064)
ncome: 81-100th	-4.624***	-3.068***	0.302***	1.002***	4.695***	-0.454***	1.801***	0.346**
iconic. or room	(0.093)	(0.124)	(0.098)	(0.054)	(0.136)	(0.077)	(0.066)	(0.076)
ime x Age: 25-34	-0.090***	-0.050***	-0.028*	0.081***	-0.010	0.040***	0.043***	0.014
inic x /1gc. 25 54	(0.018)	(0.019)	(0.015)	(0.009)	(0.019)	(0.009)	(0.010)	(0.020)
ime x Age: 35-44	-0.129***	-0.095***	-0.005	0.101***	0.025	0.037***	0.048***	0.017
illie x Age. 55-44	(0.019)	(0.019)	(0.015)	(0.009)	(0.019)	(0.009)	(0.011)	(0.019)
	0.155***	0.002***	0.022	0.100***	0.007	0.026***	0.070***	0.040**
ime x Age: 45-54	-0.155*** (0.019)	-0.082*** (0.019)	-0.023 (0.015)	0.109*** (0.010)	0.007 (0.019)	0.026*** (0.009)	0.070*** (0.011)	0.048** (0.020)
ime x Age: 55-64	-0.174*** (0.019)	-0.062*** (0.020)	-0.044*** (0.015)	0.112*** (0.010)	0.020 (0.019)	0.030*** (0.010)	0.067*** (0.011)	0.051** (0.020)
ime x Age: 65-74	-0.203*** (0.020)	-0.050** (0.020)	-0.069*** (0.015)	0.124*** (0.010)	0.051***	0.020* (0.010)	0.104*** (0.011)	0.023 (0.021)
	(0.020)	(0.020)	(0.013)	(0.010)	(0.020)	(0.010)		(0.021)
ime x Age: 75+	-0.204***	-0.048**	-0.123***	0.153***	0.073***	0.001	0.123***	0.024
	(0.020)	(0.022)	(0.016)	(0.010)	(0.020)	(0.012)	(0.011)	(0.021)

Table continued on next page

				Depen	dent variable:			
	Food	Housing	H'hold exp.	Clothing	Transportation	Health	Entertainment	Education
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Time x Ethnicity: White	0.023***	0.080***	0.080***	0.027***	-0.148***	-0.024***	-0.036***	-0.003
·	(0.009)	(0.011)	(0.008)	(0.005)	(0.011)	(0.006)	(0.005)	(0.006)
Γime x Region: Northeast	-0.048***	0.032***	0.001	-0.011***	0.038***	-0.029***	-0.011**	0.029***
	(800.0)	(0.010)	(0.008)	(0.004)	(0.010)	(0.007)	(0.005)	(0.007)
Γime x Region: South	0.003	0.040***	-0.030***	-0.003	0.023**	-0.049***	0.001	0.015***
	(0.007)	(0.008)	(0.007)	(0.003)	(0.009)	(0.006)	(0.005)	(0.005)
Γime x Region: West	0.002	0.105***	0.004	-0.008**	-0.024**	-0.069***	0.002	-0.012**
	(0.007)	(0.009)	(0.007)	(0.003)	(0.010)	(0.006)	(0.005)	(0.006)
Γime x Urban: yes	-0.031***	0.123***	-0.066***	-0.012***	0.041***	0.009	-0.062***	-0.003
	(0.010)	(0.011)	(0.010)	(0.004)	(0.014)	(0.009)	(0.007)	(0.005)
Γime x Edu.: college	-0.006	0.051***	-0.015	-0.036***	-0.052***	0.070***	-0.013*	0.001
	(0.011)	(0.014)	(0.011)	(0.005)	(0.014)	(0.009)	(0.007)	(0.007)
Γime x Edu.: high school	0.008	0.029***	0.011	-0.026***	-0.055***	0.058***	-0.010*	-0.014***
	(0.009)	(0.011)	(0.008)	(0.004)	(0.011)	(0.007)	(0.005)	(0.004)
Time x HH size	-0.014***	-0.009***	0.013***	-0.001	0.003	0.002	0.001	0.005***
	(0.002)	(0.002)	(0.002)	(0.001)	(0.003)	(0.001)	(0.001)	(0.001)
Гіте x Renter: yes	-0.099***	0.168***	-0.042***	0.019***	0.015*	-0.033***	-0.028***	0.001
	(0.007)	(0.008)	(0.006)	(0.003)	(0.008)	(0.005)	(0.004)	(0.005)
Гіте x Income: 21-40th	0.008	-0.032***	0.040***	0.014***	-0.016	-0.053***	0.017***	0.020***
	(0.009)	(0.012)	(0.008)	(0.004)	(0.011)	(0.007)	(0.005)	(0.007)
Γime x Income: 41-60th	0.015*	-0.043***	0.047***	0.008**	-0.052***	0.006	0.0001	0.019***
	(0.008)	(0.011)	(0.008)	(0.004)	(0.011)	(0.007)	(0.005)	(0.006)
Γime x Income: 61-80th	0.017**	-0.035***	0.023***	-0.004	-0.069***	0.096***	-0.015***	-0.013**
	(800.0)	(0.011)	(0.008)	(0.004)	(0.011)	(0.007)	(0.005)	(0.006)
Time x Income: 81-100th	0.014	-0.009	-0.032***	-0.025***	-0.050***	0.132***	-0.012**	-0.018***
	(0.008)	(0.011)	(0.008)	(0.004)	(0.011)	(0.007)	(0.006)	(0.007)
Constant	22.758***	16.031***	18.026***	7.831***	17.635***	2.625***	8.240***	6.854***
	(0.265)	(0.295)	(0.227)	(0.154)	(0.310)	(0.167)	(0.162)	(0.226)
Observations	560,369	560,369	560,369	560,369	560,369	560,369	560,369	560,369
\mathbb{R}^2	0.067	0.204	0.061	0.074	0.087	0.202	0.033	0.055
Adjusted R ²	0.067	0.204	0.061	0.074	0.087	0.202	0.033	0.055

2 Figures

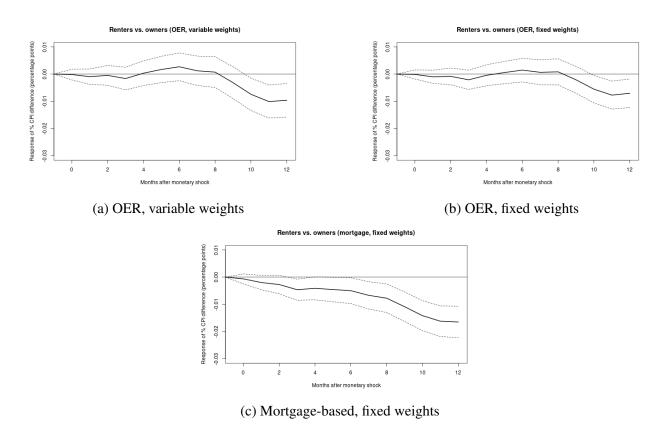


Figure 1: Impulse response of renter/owner CPI ratios to monetary policy

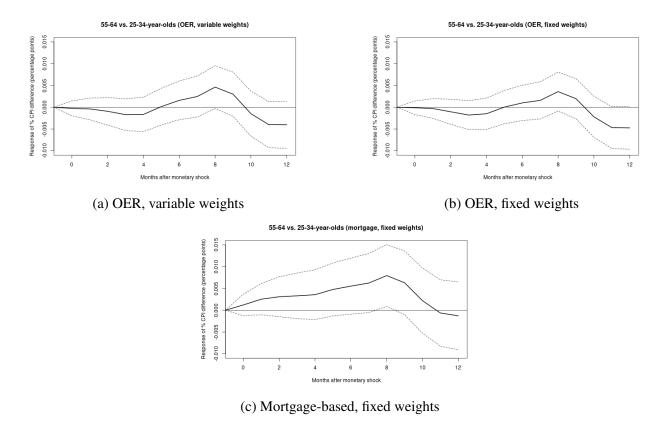


Figure 2: Impulse response of age-related CPI ratios to monetary policy

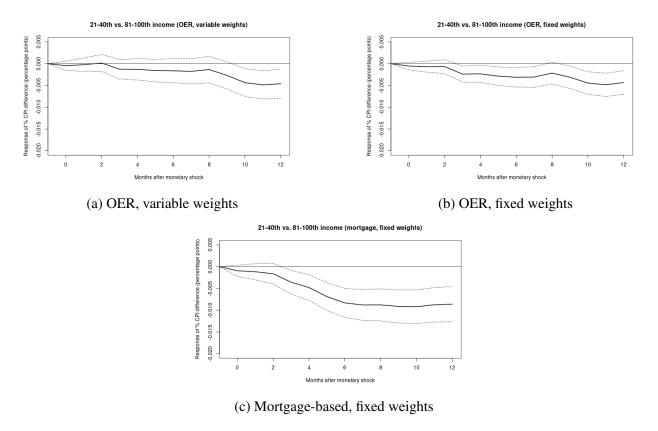


Figure 3: Impulse response of low-middle to high-income CPI ratios to monetary policy

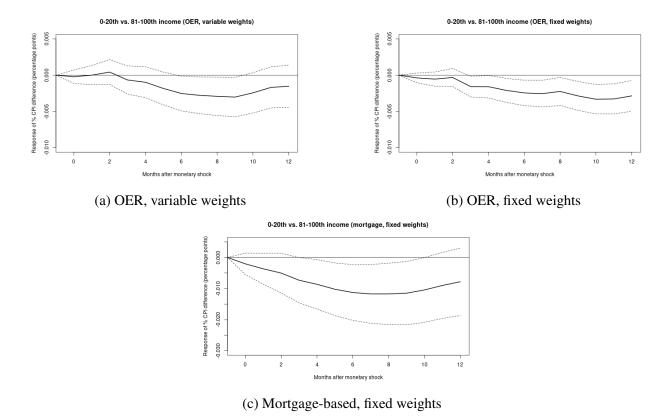


Figure 4: Impulse response of low to high-income CPI ratios to monetary policy