

## Supplementary Material

**Supplemental Table 1** Percentage of households in each raw score for the 8 general/adult items of the EBIA classified according to latent class membership identified through the *1-factor, 4-class* LCFA model by macro-regions, Brazil, PNAD-2013

Raw score	Latent class (FI)																								
	North												Northeast												
	Adult-only households				Households with children and/or adolescents				Total				Adult-only households				Households with children and/or adolescents				Total				
	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4	
0	73.2	0	0	0	58.0	0	0	0	63.9	0	0	0	70.7	0	0	0	54.7	0	0	0	61.9	0	0	0	
1	6.85	0	0	0	9.0	0	0	0	8.16	0	0	0	6.49	0	0	0	9.36	0	0	0	8.06	0	0	0	
2	0	3.66	0	0	0	5.5	0	0	0	4.8	0	0	0	4.13	0	0	0	5.93	0	0	0	0	5.12	0	0
3	0	3.6	0.11	0	0	5.54	0.07	0	0	4.77	0.09	0	0	4.52	0.02	0	0	6.78	0.12	0	0	0	5.76	0.07	0
4	0	3.02	0.98	0	0	4.98	1.56	0	0	4.21	1.33	0	0	4.25	1.38	0	0	7.29	2.14	0	0	0	5.92	1.79	0
5	0	0	2.34	0	0	0	4.33	0	0	0	3.55	0	0	0	3.00	0	0	0	5.22	0.03	0	0	0	4.22	0.02
6	0	0	1.79	0.09	0	0	3.16	0.08	0	0	2.62	0.08	0	0	1.85	0.04	0	0	2.55	0.11	0	0	0	2.23	0.08
7	0	0	0.30	1.39	0	0	0.38	2.3	0	0	0.35	1.95	0	0	0	1.40	0	0	0	2.33	0	0	0	1.91	
8	0	0	0	2.71	0	0	0	5.09	0	0	0	4.15	0	0	0	2.24	0	0	0	3.40	0	0	0	2.87	
Total*	80.0	10.3	5.5	4.2	67.0	16.0	9.5	7.5	72.1	13.8	7.9	6.2	77.2	12.9	6.2	3.7	64.1	20.0	10.0	5.9	70.0	16.8	8.3	4.9	

(Continued)

**Supplemental Table 1** *Continued*

Raw score	Latent class (FI)																								
	Southeast												South												
	Adult-only households				Households with children and/or adolescents				Total				Adult-only households				Households with children and/or adolescents				Total				
	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4	
0	89.0	0	0	0	81.4	0	0	0	85.5	0	0	0	88.2	0	0	0	81.3	0	0	0	85.1	0	0	0	
1	3.60	0	0	0	5.94	0	0	0	4.67	0	0	0	3.7	0	0	0	6.81	0	0	0	5.11	0	0	0	
2	0	1.68	0	0	0	2.84	0	0	0	2.2	0	0	0	2.0	0	0	0	2.56	0	0	0	0	2.23	0	0
3	0	1.56	0.02	0	0	2.62	0.03	0	0	2.04	0.03	0	0	1.53	0.05	0	0	2.69	0.06	0	0	0	2.06	0.05	0
4	0	1.40	0.12	0	0	2.73	0.28	0	0	2.0	0.19	0	0	1.32	0.55	0	0	2.04	0.44	0.01	0	0	1.65	0.50	0.01
5	0	0	0.80	0	0	0	1.26	0.03	0	0	1.01	0.01	0	0	0.81	0.01	0	0	1.22	0.01	0	0	0.99	0.01	
6	0	0	0.49	0.02	0	0	0.84	0.05	0	0	0.65	0.04	0	0	0.53	0.05	0	0	0.59	0.15	0	0	0.56	0.10	
7	0	0	0	0.54	0	0	0	0.76	0	0	0	0.64	0	0	0	0.53	0	0	0	0.60	0	0	0	0.56	
8	0	0	0	0.80	0	0	0	1.26	0	0	0	1.01	0	0	0	0.72	0	0	0	1.52	0	0	0	1.08	
Total*	92.6	4.6	1.4	1.4	87.3	8.2	2.4	2.1	90.2	6.2	1.9	1.7	91.9	4.9	1.9	1.3	88.1	7.3	2.3	2.3	90.2	5.9	2.1	1.8	

*(Continued)*

**Supplemental Table 1** *Continued*

Raw score	Latent class (FI)											
	Midwest											
	Adult-only households				Households with children and/or adolescents				Total			
	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4
0	85.3	0	0	0	78.1	0	0	0	81.8	0	0	0
1	4.63	0	0	0	6.73	0	0	0	5.65	0	0	0
2	0	2.04	0	0	0	3.19	0	0	0	2.60	0	0
3	0	1.86	0	0	0	3.30	0	0	0	2.55	0	0
4	0	2.56	0.05	0	0	4.17	0.05	0	0	3.34	0.05	0
5	0	0	1.04	0	0	0	1.51	0	0	0	1.27	0
6	0	0	0.74	0.02	0	0	1.08	0	0	0	0.90	0.01
7	0	0	0.06	0.53	0	0	0.17	0.54	0	0	0.12	0.53
8	0	0	0	1.13	0	0	0	1.20	0	0	0	1.16
Total*	89.9	6.5	1.9	1.7	84.8	10.7	2.8	1.7	87.5	8.5	2.3	1.7

EBIA, Escala Brasileira de Insegurança Alimentar (Brazilian Household Food Insecurity Measurement Scale); LCFA, latent class factor analysis; PNAD-2013, Pesquisa Nacional por Amostra de Domicílios de 2013 (Brazilian National Household Sample Survey of 2013); FI, food insecurity; C, class.

\*Percentage of households in each class.