

**Table 4 Multivariable logistic analysis for the 5 food safety questions (using the best practice answer for food safety questions as the dependent variable)**

Model/question	P-value	aOR	Confidence interval	
			Lower	Upper
<b>Model 1: Q1</b>				
Food security status (food insecure vs food secure <sup>R</sup> )	0.113	1.478	0.912	2.394
Gender (female vs male <sup>R</sup> )	0.688	0.900	0.538	1.505
Education level (university vs school <sup>R</sup> )	0.010	5.217	1.479	18.407
Marital status (married vs single <sup>R</sup> )	0.298	1.316	0.785	2.208
Region (Mont Lebanon vs Beirut <sup>R</sup> )	0.726	0.904	0.513	1.593
Region (North vs Beirut <sup>R</sup> )	0.929	0.969	0.483	1.942
Region (South vs Beirut <sup>R</sup> )	0.063	0.381	0.138	1.053
Region (Beqaa vs Beirut <sup>R</sup> )	0.802	0.890	0.360	2.204
Employment status (employed vs unemployed <sup>R</sup> )	0.910	0.974	0.613	1.547
Financial well-being scale	0.208	1.077	0.959	1.210
Age	0.938	1.001	0.978	1.024
Household crowding index	0.915	0.974	0.606	1.566
<b>Model 2: Q2</b>				
Food security status (food insecure vs food secure <sup>R</sup> )	0.678	0.894	0.525	1.520
Gender (female vs male <sup>R</sup> )	0.929	0.974	0.544	1.743
Education level (university vs school <sup>R</sup> )	0.586	0.745	0.258	2.151
Marital status (Married vs single <sup>R</sup> )	0.592	0.849	0.467	1.543
Region (Mont Lebanon vs Beirut <sup>R</sup> )	0.897	0.959	0.507	1.811
Region (North vs Beirut <sup>R</sup> )	0.694	1.178	0.520	2.668
Region (South vs Beirut <sup>R</sup> )	0.320	1.758	0.579	5.338
Region (Beqaa vs Beirut <sup>R</sup> )	0.374	1.621	0.559	4.697
Employment status (employed vs unemployed <sup>R</sup> )	0.432	1.230	0.734	2.062
Financial well-being scale	0.275	1.076	0.943	1.227
Age	0.062	1.028	0.999	1.058
Household crowding index	0.674	0.897	0.541	1.487
<b>Model 3: Q3</b>				
Food security status (food insecure vs food secure <sup>R</sup> )	0.121	2.054	0.826	5.108
Gender (female vs male <sup>R</sup> )	0.711	0.844	0.344	2.072
Education level (university vs school <sup>R</sup> )	0.581	1.827	0.215	15.528
Marital status (married vs single <sup>R</sup> )	0.553	0.753	0.295	1.922
Region (Mont Lebanon vs Beirut <sup>R</sup> )	0.715	0.818	0.278	2.406
Region (North vs Beirut <sup>R</sup> )	0.143	2.337	0.751	7.268
Region (South vs Beirut <sup>R</sup> )	0.478	1.726	0.382	7.802
Region (Beqaa vs Beirut <sup>R</sup> )	0.514	0.480	0.053	4.351
Employment status (employed vs unemployed <sup>R</sup> )	0.389	1.464	0.615	3.483
Financial well-being scale	0.009	1.329	1.075	1.643
Age	0.852	1.004	0.963	1.046
Household crowding index	0.687	0.837	0.353	1.988
<b>Model 4: Q4</b>				
Food security status (food insecure vs food secure <sup>R</sup> )	0.750	1.084	0.661	1.776
Gender (female vs male <sup>R</sup> )	0.688	0.897	0.529	1.522
Education level (university vs school <sup>R</sup> )	0.550	1.310	0.541	3.168
Marital status (married vs single <sup>R</sup> )	0.233	1.394	0.807	2.407
Region (Mont Lebanon vs Beirut <sup>R</sup> )	0.514	1.216	0.675	2.191
Region (North vs Beirut <sup>R</sup> )	0.758	1.123	0.538	2.344
Region (South vs Beirut <sup>R</sup> )	0.352	0.658	0.273	1.587

**Table 4 Multivariable logistic analysis for the 5 food safety questions (using the best practice answer for food safety questions as the dependent variable) (concluded)**

Model/question	P-value	aOR	Confidence interval	
			Lower	Upper
Region (Beqaa vs Beirut <sup>R</sup> )	0.400	1.487	0.591	3.742
Employment status (employed vs unemployed <sup>R</sup> )	0.898	1.031	0.645	1.649
Financial well-being scale	0.725	1.022	0.906	1.152
Age	0.071	1.024	0.998	1.050
Household crowding index	0.002	0.485	0.306	0.769
<b>Model 5: Q5</b>				
Food security status (food insecure vs food secure <sup>R</sup> )	0.702	1.113	0.642	1.930
Sex (female vs male <sup>R</sup> )	0.244	0.713	0.404	1.259
Education level (university vs school <sup>R</sup> )	0.866	0.920	0.352	2.409
Marital status (married vs single <sup>R</sup> )	0.886	0.957	0.525	1.744
Region (Mont Lebanon vs Beirut <sup>R</sup> )	0.141	1.721	0.836	3.542
Region (North vs Beirut <sup>R</sup> )	0.035	2.463	1.066	5.690
Region (South vs Beirut <sup>R</sup> )	0.076	2.504	0.907	6.912
Region (Beqaa vs Beirut <sup>R</sup> )	0.572	1.364	0.464	4.008
Employment status (employed vs unemployed <sup>R</sup> )	0.001	0.427	0.257	0.710
Financial well-being scale	0.469	1.050	0.921	1.196
Age	0.797	0.997	0.971	1.023
Household crowding index	0.761	0.923	0.550	1.549

<sup>R</sup>Reference group; aOR = adjusted odds ratio; Q1: Causes of food poisoning; knowledge of characteristics of spoiled food;

Q2: Managing food to be eaten (i.e. dealing with leftovers); Q3: Electricity shortages affecting refrigerator; Q4: Heating meat/chicken after refrigeration (knowledge of safe practices: meat/chicken heating (> 63 °C) before consumption; Q5: Melt/thaw frozen food (knowledge of safe practices: handling of thawed food).