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Analysis of factors associated with public attitudes towards salt reduction: a multicountry cross-sectional survey

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ABSTRACT

Objective This paper provides an in-depth examination of public attitudes towards salt reduction across seven culturally diverse countries: the USA, the UK, France, Japan, Indonesia, Thailand, and Brazil.

Design Cross-sectional regression analysis with questionnaire data.

Setting An analysis of questionnaire study in seven countries.

Participants The study's questionnaire collected responses from 7090 participants across seven countries with the mean age of respondents being 46.06 years (SD 16.96). The gender distribution encompassed 3473 men (49.12%), 3582 women (50.66%), 24 non-binary individuals (0.34%) and 11 who identified as 'other' (0.16%).

Primary and secondary outcome measures Attitudes toward sodium reduction were measured on a seven-point Likert scale.

Results Regression analysis revealed significant associations between attitudes towards sodium reduction and various factors across countries. Gender was a significant factor in France, with women showing less awareness than men (coefficient −0.123, 95% CI −0.237 to −0.008). Age was a significant factor in Japan and Thailand, with older generations exhibiting stronger awareness. Occupation was a significant factor in France (grocery, 0.678, 0.229 to 1.127) and Japan (food service, 0.792, 0.300 to 1.283). In France (0.090, 0.033 to 0.146) and Brazil (0.092, 0.040 to 0.144), attitudes towards reducing sugar intake were positively associated with sodium reduction attitudes. Government interventions showed varying impacts, with positive associations in Thailand (0.004, 0.001 to 0.008) and negative associations in France (−0.003 −0.005 to −0.000).

Conclusion Our study reveals a complex array of factors shaping attitudes towards sodium reduction across seven countries. These findings support the need for nuanced, country-specific approaches in formulating sodium reduction strategies. Future research should validate these findings, explore further determinants and understand how attitudes translate into dietary behaviours.

STRENGTHS AND LIMITATIONS OF THIS STUDY

⇒ The study uses data from a large-scale survey of 7090 participants from seven countries in North America, South America, Europe and Asia.
⇒ Although caution is needed when interpreting differences due to quota sampling, the use of an identical questionnaire across seven countries provides a valuable foundation for cross-cultural comparisons, allowing for potential insights into diverse attitudes towards salt reduction.
⇒ Taking into account a large number of explanatory variables, we used Lasso to identify important variables.
⇒ As an Internet-based survey, this study may not fully represent individuals without Internet access, potentially introducing sampling bias.

INTRODUCTION

A high salt (sodium) diet, recognised as one of the foremost dietary risk factors, significantly contributes to the burden of non-communicable diseases worldwide.[1] Such a diet increases the risk of a multitude of conditions, including cardiovascular and chronic kidney diseases,[2] and certain types of cancer, such as stomach cancer.[3] Given the health consequences of high sodium intake, the WHO adopted a 30% relative reduction in salt/sodium intake by 2025 as a global target in its 2013 General Assembly. However, tracking the progress towards this goal reveals a grim picture. As of 2021, none of the 194 WHO member countries are on track to meet this target, according to the Global Nutrition Report.[4] Nevertheless, numerous countries have initiated various policies and measures to achieve this objective.[5] Recognising the important role of individual dietary habits in addressing this global health challenge, it is essential to develop a nuanced understanding of attitudes towards salt reduction across different national contexts to inform the design of effective public health interventions. Previous research has highlighted the importance of interventions such as health and nutritional education, along with

accurate estimation of salt intake, in reducing sodium consumption.[6] Furthermore, studies underscore the importance of acknowledging the cultural diversity of dietary practices that can substantially affect sodium intake.[7 8] This study aims to deepen the understanding of salt reduction attitudes across different cultural and national contexts. We utilised secondary data from an online survey conducted between August and September 2021, which focused on attitudes towards salt reduction in seven countries: the USA, the UK, France, Japan, Indonesia, Thailand and Brazil. The goal is to discern variations in attitudes towards sodium reduction across these nations and any correlations between these attitudes and a variety of different individual demographic and psychosocial factors. This comprehensive analysis provides valuable insights for formulating effective salt reduction strategies, tailored to the unique dietary attitudes and practices within each country.

Our research approach has several major strengths. First, by administering the same questionnaire across seven countries, we can directly compare differences between them. This addresses a common limitation in existing research, which has often been conducted in individual countries, making comparisons between countries challenging. Second, our study validates findings on factors that influence salt reduction across these seven countries, allowing us to assess the generalisability of these results with existing national-level data. Finally, our analysis benefits from the inclusion of many variables. By using Lasso regression for variable selection, confounding factors can be effectively accounted for, enabling a more accurate assessment of each factor's influence on salt reduction.

MATERIALS AND METHODS

A multicountry survey on attitudes towards sodium reduction

This study utilised secondary data sourced from a public attitudes survey on sodium reduction, facilitated by Ajinomoto Co. The task of administering this online survey from 31 August 2021 to 24 September 2021 was assigned to Edelman Data and Intelligence (USA), a global panel provider. The questionnaire was drafted by Edelman Data and Intelligence based on their expertise in conducting such surveys and was extensively reviewed by food and nutrition science experts at Ajinomoto Co. Ensuring participant anonymity, the survey was open on a voluntary basis. The study included participants aged 15 and over, with no specific exclusion criteria stated. The participants were selected employing a quota sampling method which took into consideration gender, age and region, thereby guaranteeing the national representation of each surveyed country. The survey ceased when it reached the predetermined sample size of approximately 1000 for each target country. This sample size was determined based on time and resource availability. Ajinomoto Co. chose the countries for the survey, namely the USA, the UK, France, Japan, Indonesia, Thailand and Brazil, with a consideration for their global geographical and culinary diversity. The total number of respondents across all seven countries was 7090. The survey was organised into five main sections. The first section was designed to collect demographic data, including age, gender, education, income and place of residence. The second section was dedicated to investigating the participants' attitudes towards sodium. The third section probed into sodium interventions, examining the potential influence of various interventions on the respondents' behaviour changes. Finally, the fifth section included additional questions related to participants' medical history and self-assessed health status. All questions were formatted as closed-ended and in single or multiple-answer formats, encompassing binary, 'yes/no' scales, nominal and ordinal scales and Likert scale questions. A full list of the survey questions is available in the supplementary text.

For the questions regarding sodium interventions, Maximum Difference (MaxDiff) scores were calculated.[9] This section tested potential intervention methods through an activity where participants were presented with four statements simultaneously. Participants were then required to select the statements they believed to be the most and least influential in affecting their likelihood of reducing sodium intake. Each statement was shown to participants up to four times, and the results were computed based on the level of influence.

Due to the large number of variables, there are cases where each variable is numbered in the main text. Please refer to the supplemental text or table for specific explanations of each variable.

Outcome variable

The primary outcome of this study centred on the question assessing attitudes towards salt reduction (P6r1). This outcome was measured using a seven-point Likert scale and was subsequently treated as a continuous variable for the following regression analysis. The question aimed to discern the importance that participants attached to salt reduction in their personal food and nutrition priorities. A higher score on this scale symbolised a greater emphasis on salt reduction. Participants were specifically asked, 'When you think about your own food and nutrition priorities, how important are each to you?' in reference to the item 'Reducing intake of sodium'.

Regression analysis

In the regression analysis, we employed the group Least Absolute Shrinkage and Selection Operator (Lasso), a sparse regression method, to select the optimal groups of variables in the regression model.[10 11] This technique is widely used in various fields to select variables for a regression model.[12–14] After the optimal groups of variables were selected through group Lasso, linear regression without a penalty term was performed to estimate the final regression coefficients, thereby rectifying the bias triggered by the penalty term in the group Lasso method. The models were developed individually for each country.

Ethics declarations

Ethical approval was granted by the Ethics Committee of The University of Tokyo under authorisation number 2022248NI.

Patient and public involvement

Patients and/or the public were not involved in the design, or conduct, or reporting, or dissemination plans of this research.

RESULTS

Sociodemographic data of the participants

The study's questionnaire collected responses from 7090 participants across seven countries. Sociodemographic data (online supplemental table 1) showed an even sample distribution across countries, with the mean age of respondents being 46.06 years (SD 16.96). The gender distribution encompassed 3473 men (49.12%), 3582 women (50.66%), 24 non-binary individuals (0.34%) and 11 who identified as 'other' (0.16%). Education and income levels varied across countries, with college graduates predominating in the USA, Japan, Indonesia, Thailand and Brazil, while the UK and France had a higher percentage of high school graduates. The USA notably had the highest proportion of participants in the top income bracket ($120 000 or more), while other countries reported lower income levels. Notably, no participants reported having immediate family members in public relations, market relations or food manufacturing.

Figure 1 illustrates the mean scores of sodium reduction attitudes (P6r1) in each country. Notably, attitudes towards sodium reduction are lower in the UK and Japan compared with Brazil and Thailand.

Multivariable analysis: factors associated with sodium reduction attitudes

We used regression analysis to evaluate the relationship between various factors and attitudes towards sodium reduction (P6r1). For optimal variable selection, we implemented group Lasso and then performed an ordinary linear regression using the selected variables from each country. For a more detailed list of the final variables left in the model and their significance, please refer to table 1. The coefficients and CIs for each of the selected variables are presented in online supplemental table 3.

Several sociodemographic and sodium perception variables emerged as significant. For instance, gender (D1) was a significant predictor in France, with women showing less awareness of sodium reduction than men (coefficient −0.123, 95% CI −0.237 to −0.008). Generational cohorts (D2) were relevant in Japan and Thailand, with the Gen-X, Boomer and Silent/Greatest generations

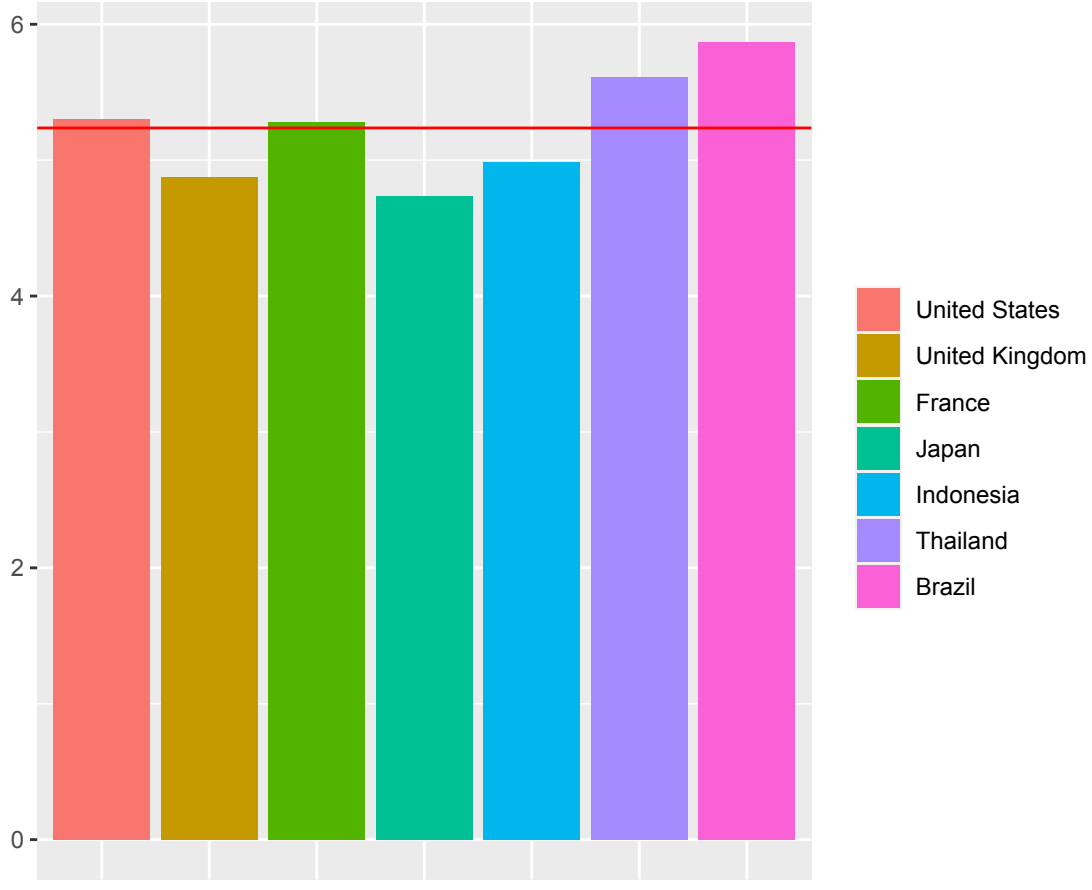

Figure 1 Mean scores of sodium reduction attitudes by country.

Table 1 Summary of regression result

	Variable number	Variable group	USA	UK	France	Japan	Indonesia	Thailand	Brazil
Section 1	D1	GENDER			✓				
	D2	GENERATION				✓		✓	
	D6	JOB			✓	✓			
Section 2	P1	GENERAL FOOD/MEALS BEHAVIOUR					✓		
	P2	GENERAL FOOD ATTITUDE AND HABITS				✓			✓
	P3	GENERAL FOOD BEHAVIOUR	✓		✓	✓			
	P4	GENERAL FOOD/NUTRITION ATTITUDE	✓	✓	✓		✓		✓
	P5	GENERAL FOOD PREFERENCES	✓	✓	✓	✓			
	P6	GENERAL FOOD/NUTRITION ATTITUDES	✓	✓	✓	✓	✓	✓	✓
	P7	SODIUM/SALT KNOWLEDGE	✓	✓	✓	✓		✓	✓
	P8	SODIUM ATTITUDES/ BEHAVIOURS_2						✓	
	P9	SODIUM KNOWLEDGE_1						✓	✓
	P10	SODIUM KNOWLEDGE_2				✓			
Section 3	I1	INTERVENTION			✓			✓	✓
Section 4	C1	SODIUM KNOWLEDGE_3				✓			✓
	C2	SODIUM KNOWLEDGE_4			✓			✓	✓
	C3	SODIUM KNOWLEDGE_5	✓			✓			✓
	C4	SODIUM KNOWLEDGE_6						✓	
	C5	COUNTRY-SPECIFIC FOOD BEHAVIOURS			✓	✓		✓	
	C6	GENERAL NUTRITION RESOURCE BEHAVIOUR				✓	✓		✓
Section 5	A1	HEALTH AWARENESS	✓		✓	✓	✓		✓
	A2	SOCIAL RELATIONSHIP	✓			✓		✓	✓
	A3	HEALTH ISSUE		✓	✓	✓			✓
	A4	FAMILY HEALTH ISSUE						✓	
	A8	FAMILY STRUCTURE				✓			✓

Variables with p values less than 0.05 in the regression analysis are marked with a tick mark.

being more aware of sodium reduction than Gen-Z and Millennials. Occupational variables (D6) were significant in France (grocery (D6r3), 0.678, 0.229 to 1.127) and Japan (food service (D6r5), 0.792, 0.300 to 1.283), while education and income were not selected in the regression models. The modelling also revealed significant associations for variables related to sodium perceptions (P1–10). For example, general food/nutrition attitudes (P4) emerged as significantly associated with sodium reduction attitudes. Participants who prioritised reducing sugar and cholesterol intake or increasing vegetable intake were more likely to have heightened sodium reduction attitudes: sugar (P4r3), coefficient 0.090 (95% CI 0.033, 0.146) for France and 0.092 (0.040, 0.144) for Brazil; cholesterol (P4r5), 0.116 (0.052, 0.179) for USA, 0.113 (0.057, 0.169) for UK, 0.091 (0.034, 0.148) for Indonesia and vegetable (P4r9), 0.063 (0.008, 0.118) for Indonesia. In France, Thailand and Brazil, sodium intervention scores (ie, MaxDiff scores) were significantly associated with sodium reduction attitudes. In Thailand, government-required regulations necessitating the labelling of both natural and added sodium content (I1r3) were correlated with strong sodium reduction awareness (0.004, 95% CI 0.001 to 0.008). In Brazil, interventions by food and beverage companies to clearly label sodium content (I1r5) (0.006, 0.001 to 0.011) and provide alternative products with reduced sodium while maintaining flavour (I1r7) (0.005, 0.000 to 0.010) were significantly

associated with heightened sodium reduction attitudes. Conversely, in France, a negative correlation was observed between sodium reduction attitudes and government interventions to lower the recommended sodium intake in dietary guidelines (I1r1) (−0.003, −0.005 to −0.000).

Country-specific inquiries about food culture and dietary habits revealed varying results, with no such factors associated with sodium reduction attitudes in the UK. Food purchase locations (C5) were significantly related to sodium reduction attitudes in France (grow my own food (C5r10), 0.165, 95% CI 0.004 to 0.326), Japan (grow my own food (C5r10), −0.195, −0.354 to −0.036) and Thailand (online/delivery app (C5r4), 0.167, 0.049 to 0.285; convenience store (C5r5), −0.122, −0.240 to −0.005). Similarly, sources of nutrition information (C6) significantly influenced sodium reduction attitudes in Japan (cooks/chefs, −0.413, −0.697 to −0.129) and Brazil (local/national television news (C6r1), 0.168, 0.047 to 0.289; cooking shows (C6r15), −0.133, −0.263 to −0.003; cooks/chefs (C6r16), 0.158, 0.005 to 0.312; national government dietary guidelines (C6r20), −0.310, −0.515 to −0.104).

Health and social consciousness variables (A1, A2, A3 and A4) were significant in all countries, highlighting their potential influence on attitudes towards sodium reduction. For example, for consciousness of pre-existing medical conditions (A3), sodium reduction attitudes were linked to specific conditions for each of the seven countries. In the UK, heart disease (A3r2) (−0.328, 95% CI −0.593 to −0.063) was significantly associated with lower sodium reduction attitudes. In France, negative associations were found both for stomach cancer (−0.568, −1.108 to −0.029) and for the absence of any medical condition (−0.133, −0.267 to 0.000). Similarly, in Japan, not having any pre-existing conditions showed a significant negative correlation (−0.208, −0.348 to −0.068) with sodium reduction attitudes. In Brazil, a history of hypertension was positively associated with higher sodium reduction attitudes (0.180, 0.033 to 0.328).

DISCUSSION

Our study utilised online survey data from 7090 participants in seven countries to identify variables related to attitudes towards sodium reduction. The study focused on five main areas, including sociodemographic data, sodium perception, sodium interventions, participants' medical history and self-assessed health status. A complex matrix of influences impacting attitudes towards sodium reduction was observed, with these determinants exhibiting considerable variation across the diverse national contexts. The identified sociodemographic elements—gender, age and occupation—showed a marked variation in their influence across countries. Notably, in France, gender was a key determinant, with women showing less inclination towards sodium reduction than men. This could be due to a variety of factors, including cultural influences, differing health beliefs and dietary habits.[15 16] In the Japanese and Thai contexts, older generations showed a stronger bias towards sodium reduction than younger individuals. This could be attributed to a heightened health awareness with age, supported by existing literature that indicates older generations often exhibit greater caution regarding their health and dietary choices.[17 18] The occupational sector of the participant, specifically within the grocery and food service sectors, significantly influenced attitudes towards sodium reduction in France and Japan. This could be due to a higher exposure to food and nutrition information, dietary practices and health-related knowledge in these sectors.[19 20] These findings underscore the complex and multifaceted nature of attitudes towards sodium reduction and highlight the need for bespoke sodium reduction strategies that incorporate a wide range of sociodemographic elements.[5 21] Significantly, our findings revealed a correlation between attitudes towards overall food and nutrition and those towards sodium reduction. Participants mindful of their nutrient consumption, particularly those aiming to reduce sugar and cholesterol intake or increase vegetable consumption, exhibited greater consciousness about sodium reduction. This could be explained by a heightened overall health consciousness or a broader understanding of nutrition among these participants.[22] This aligns with prior studies by Luta *et al* and Aureli and Rossi, which posited that a holistic understanding and awareness of diet and nutrition shaped attitudes towards salt reduction.[23 24] These findings suggest that comprehensive dietary education programmes, which expand beyond the limited focus of sodium reduction, could play a crucial role in promoting healthier dietary practices.[25 26]

Our research provides intriguing insights into the impacts of government and industry interventions on attitudes towards sodium reduction. We observed significant associations with these interventions in France, Thailand and Brazil, but the relationships exhibited heterogeneity. While interventions in Thailand and Brazil positively correlated with attitudes favouring sodium reduction, France demonstrated an opposite trend. Several factors may explain this discrepancy in France, including a deeply rooted culinary culture, a varied public perception of salt as a health risk factor and potential resistance to modifying traditional dietary practices.[27] These results underscore the necessity for country-specific strategies and regulations that honour cultural idiosyncrasies and socioeconomic conditions.

Furthermore, within these nations, culturally inherent factors, such as locations for food procurement and sources of dietary information, substantially shaped attitudes towards sodium reduction. This finding corroborates the assertion, supported by a body of literature,[28 29] that cultural determinants considerably modulate dietary habits and attitudes.

Cultural facets significantly mould attitudes towards sodium reduction and dietary habits. As a foundational element of culture, food and dietary practices dictate food selection, thus influencing an individual's purchasing

conduct, and encompassing attitudes and beliefs.[30] The comprehension of cultural perceptions, along with beliefs and practices associated with nutrition, holds critical importance in public health contexts.[31] Individuals often maintain their cultural or ethnic identities through specific food patterns. Ideological constituents such as culinary practices, dietary norms, food-related rituals, prestige or status attached to food and societal norms also sway food choices. The diverse dietary habits and food consumption patterns stemming from varied cultures can affect a health provider's approach when guiding clients in grocery shopping, meal planningand dietary habits.[32]

A critical observation from our study is the nuanced relationship between pre-existing medical conditions and attitudes towards sodium reduction, which differed across countries. In the UK, for instance, a history of heart disease was significantly associated with lower sodium reduction attitudes, which suggests that individuals with certain health conditions may perceive dietary changes, such as sodium reduction, as challenging or less relevant. Similarly, in France, both stomach cancer and the absence of any medical condition were negatively associated with sodium reduction attitudes. This finding indicates that, paradoxically, both the presence and absence of health conditions can affect sodium reduction attitudes negatively. This could potentially be due to the perception of overall well-being in individuals without health conditions, leading to complacency or reduced perceived need for dietary modification.[33] In Japan, the absence of pre-existing conditions also showed a significant negative correlation with sodium reduction attitudes, suggesting that people with no health concerns may underestimate the preventative benefits of sodium reduction.[34] Conversely, in Brazil, hypertension was positively associated with higher sodium reduction attitudes, indicating that individuals with this specific health condition are more likely to recognise the importance of dietary sodium reduction. These findings highlight the complexities in the relationship between health status, social consciousness and attitudes towards sodium reduction.[34] Understanding these intricate mechanisms is crucial for developing effective, country-specific public health strategies that consider both the presence and absence of health conditions in promoting sodium reduction attitudes.

Our findings suggest that interventions should be tailored to specific population groups and attributes, considering socioeconomic, health, environmental and cultural factors unique to each country. It is crucial to recognise that the major contributors to salt intake vary significantly between countries, which necessitates a combination of strategies. For instance, in countries where processed foods are a primary source of salt intake, industrial reformulation and regulations can be highly effective. However, these should be complemented by interventions targeting individual behaviour change, as consumer choices still play a crucial role. Conversely, in countries where the majority of salt intake comes from home cooking, while policy interventions remain important, there may be a greater emphasis on strategies that motivate and empower individuals to reduce salt in their meal preparation.

Several limitations inherent in this study necessitate discussion. Primarily, as an Internet-based survey, the results may not encapsulate the attitudes of individuals without Internet access, potentially introducing a bias towards more technologically connected populations. This limitation affects both the selection of participants and the resulting data. Another significant limitation lies in the potential for information bias, inherent in the survey's self-reported design. Such a format may lead to social desirability and/or recall biases, as the 'attitudes' gauged by this study were innately subjective. Furthermore, the use of a seven-point Likert scale to assess attitudes introduces measurement bias. The subjective nature of this scale raises questions about its reliability in accurately reflecting genuine public attitudes. Thus, individuals espousing attitudes favouring sodium reduction do not necessarily align with low sodium consumption levels. Several factors could mediate between these attitudes and the actual dietary behaviour (ie, the true sodium intake). Additionally, while the questionnaire underwent expert review, the lack of formal validation may limit the reliability and validity of the survey instrument. It is essential to highlight that, given the cross-sectional nature of this study design, it prohibits the establishment of causative relationships. Any associations identified should not be misconstrued as denoting causality. It is also important to note that while salt intake was not the primary objective of this study, our exploration of attitudes towards sodium reduction may have involved a potentially heterogeneous population in terms of selection and salt consumption. This could have resulted in the participation of individuals who were particularly interested in the issue, potentially affecting the generalisability of our findings.

Conclusion

Our study, spanning seven countries, unravels a complex and multifaceted array of factors that shape attitudes towards sodium reduction. It highlights that a one-size-fits-all approach to sodium reduction strategies may not fully address the nuances in the attitudes arising from the interplay of sociodemographic elements, broader nutritional perspectives, country-specific idiosyncrasies and varying degrees of health and social consciousness. In light of these findings, our research advocates for a more nuanced, comprehensive and potentially high-risk group-targeted approach in formulating efficient sodium reduction strategies. Looking forward, it is essential to validate these findings across diverse national contexts, explore further into the potential determinants influencing attitudes towards sodium reduction and understand the mechanisms that convert these public attitudes into actual dietary behaviours. Our findings highlight the need for multifaceted and tailored approaches to reduce excessive sodium intake. These approaches should consider different attribute groups, such as gender, age and other

relevant factors, to effectively address the varying attitudes and behaviours related to salt consumption across different segments of the population.

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Contributors All authors conceived and designed the study, and took responsibility for the integrity of the data and the accuracy of the data analysis. SN acquired the data. YT, RSK and SN conducted statistical analysis and drafted the article. AC, DY, TK and AE provided their technical input for statistics analysis. MUc, CG, TH, MUe and PP offered their professional insights for the validation and interpretation of the results. SN is responsible for the overall content as the guarantor. All authors made critical revisions to the manuscript for important intellectual content and gave final approval for the manuscript. AI technology was used in the preparation of this resubmission as follows: Claude, a generative AI model, was initially used to proofread and check the English grammar of the manuscript. This AI assistance was employed to improve the overall language quality and readability of the text. Subsequently, a native English-speaking coauthor conducted a thorough manual review and editing of the manuscript. This human review was performed to further refine the language, ensure natural phrasing and verify the accuracy of technical terminology.

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Competing interests None declared.

Patient and public involvement Patients and/or the public were not involved in the design, or conduct, or reporting or dissemination plans of this research.

Patient consent for publication Not applicable.

Ethics approval This study involves human participants. Ethical approval was granted by the Ethics Committee of The University of Tokyo under authorisation number 2022248NI. Participants gave informed consent to participate in the study before taking part.

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Data availability statement Data are available upon reasonable request. The data sets generated and/or analysed during the current study are not publicly available due to ethical considerations but are available from the corresponding author on reasonable request.

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Supplementary text: A survey questionnaire

Section 1 : Sociodemographic

[D1]: What is your gender? [SINGLE SELECT] [GENDER]

1 Male
2 Female
3 Non-binary
4 Other
5 Prefer not to answer

[D2]: What is your generation? [SINGLE SELECT] [GENERATION]

1 Gen Z (18-24)
2 Millennial (25-40)
3 Gen X (41-56)
4 Boomer (57-75)
5 Silent/Greatest (76+)

[D3]: What country do you currently live in? [SINGLE SELECT] [COUNTRY]

1 United States (US)
2 United Kingdom (UK)
3 France
4 Japan
5 Indonesia
6 Thailand
7 Brazil

[D4]: What is the last grade in school you completed? [SINGLE SELECT] [EDUCATION]

1 Grade school or less (Grade 1-8)
2 Some high school (Grade 9-11)
3 Graduated high school (Grade 12)
4 Vocational school/technical school
5 Some college
6 Graduated college
7 Post-graduate degree (e.g., MA, MBA, LLD, PhD)
8 Prefer not to answer

[D5 for United States]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]

1	Under $10,000
2	$10,000 - $24,999
3	$25,000 - $39,999
4	$40,000 - $49,999
5	$50,000 - $59,999
6	$60,000 - $74,999
7	$75,000 - $82,499
8	$82,500 - $99,999
9	$100,000 - $109,999
10	$110,000 - $119,999
11	$120,000 or more
12	Don't know
13	Prefer not to answer

[D5 for United Kingdom]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]

1	Under £10,000
2	£10,000 - £14,999
3	£15,000 - £24,999
4	£25,000 - £34,999
5	£35,000 - £44,999
6	£45,000 - £54,999
7	£55,000 - £64,999
8	£65,000 - £79,999
9	£80,000 or more
10	Don't know
11	Prefer not to answer

[D5 for France]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]

1	Under €8,000
2	€8,000 - €11,999
3	€12,000 - €19,999

4	€20,000 - €24,999
5	€25,000 - €34,999
6	€35,000 - €49,999
7	€50,000 - €79,999
8	£80,000 or more
9	Don't know
10	Prefer not to answer

[D5 for Japan]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]

1	Under 2,000,000 JPY
2	2,000,000 JPY - 2,999,999 JPY
3	3,000,000 JPY - 3,999,999 JPY
4	4,000,000 JPY - 4,999,999 JPY
5	5,000,000 JPY - 5,999,999 JPY
6	6,000,000 JPY - 6,999,999 JPY
7	7,000,000 JPY - 7,999,999 JPY
8	8,000,000 JPY - 9,999,999 JPY
9	10,000,000 JPY - 14,999,999 JPY
10	15,000,000 JPY or more Don't Know
11	Don't know
12	Prefer not to answer

[D5 for Indonesia]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]

1	Under IDR 15,000,000
2	IDR 15,000,000 - IDR 29,999,999
3	IDR 30,000,000 - IDR 39,999,999
4	IDR 40,000,000 - IDR 49,999,999
5	IDR 50,000,000 - IDR 59,999,999
6	IDR 60,000,000 - IDR 69,999,999
7	IDR 70,000,000 - IDR 79,999,999
8	IDR 80,000,000 - IDR 89,999,999
9	IDR 90,000,000 - IDR 99,999,999
10	IDR 100,000,000 - IDR 109,999,999
11	IDR 110,000,000 - IDR 119,999,999

12	IDR 120,000,000 - IDR 129,999,999
13	IDR 130,000,000 - IDR 139,999,999
14	IDR 140,000,000 or more
15	Don't know
16	Prefer not to answer

[D5 for Thailand]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]

1	Less than THB 100,000
2	THB 100,000 - THB 224,999
3	THB 225,000 - THB 349,999
4	THB 350,000 - THB 474,999
5	THB 475,000 - THB 599,999
6	THB 600,000 - THB 724,999
7	THB 725,000 - THB 849,999
8	THB 850,000 - THB 974,999
9	THB 975,000 - THB 1,099,999
10	THB 1,100,000 or more
11	Don't know
12	Prefer not to answer

[D5 for Brazil]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]

1	Under 15,000 BRL
2	15,000 BRL - 24,999 BRL
3	25,000 BRL - 34,999 BRL
4	35,000 BRL - 49,999 BRL
5	50,000 BRL - 69,999 BRL
6	70,000 BRL - 99,999 BRL
7	100,000 BRL - 129,999 BRL
8	130,000 BRL - 149,999 BRL
9	150,000 BRL or more
10	Don't know
11	Prefer not to answer

[D6]: Do you or anyone in your immediate family work in a job or for a company that is in any way connected with any of the

following? [SINGLE SELECT PER ROW] [JOB]

0	Unchecked
1	Checked
[D6r1]	Public Relations
[D6r2]	Market Research, Advertising
[D6r3]	Grocery
[D6r4]	Restaurants
[D6r5]	Foodservice
[D6r6]	Food Manufacturing
[D6r7]	None of these

Section 2: Sodium perceptions

[P1]: Which of the following is true for you when it comes to the meals you eat? [SINGLE SELECT] [GENERAL FOOD/MEALS BEHAVIOR]

1	I make decisions about what meals I or my family eats
2	I share responsibility for the meals my family eats
3	Someone else in my household decides what my family eats

[P2]: When thinking about the food and beverages you and your family consume, please rate how important each of the following is when deciding what to eat: [SINGLE SELECT PER ROW] [GENERAL FOOD ATTITUDE & HABITS]

1	1-Not at all important
2	2
3	3
4	4-Neither important nor unimportant
5	5
6	6
7	7-Extremely important
[P2r1]	Convenience (e.g., quick, easy)
[P2r2]	Taste
[P2r3]	Familiarity
[P2r4]	Cost/price
[P2r5]	Dietary needs or restrictions (e.g., allergens, religion)
[P2r6]	Locally produced or grown
[P2r7]	Shelf life/how long food lasts
[P2r8]	Storage/refrigeration
[P2r9]	Tradition/culture

[P2r10] Sustainability/environmental impact

[P3]: When picking food for yourself or your family, please rate how much you agree or disagree with the following statements: [SINGLE SELECT PER ROW] [GENERAL FOOD BEHAVIOR]

1 1-Completely disagree
2 2
3 3
4 4-Neither agree nor disagree
5 5
6 6
7 7-Completely agree
[P3r1] I actively seek out the freshest products
[P3r2] I buy products that my family loves
[P3r3] I specifically look for foods with simple ingredients
[P3r4] Eating processed foods is okay in moderation
[P3r5] I need more information on what food is healthy and what is not
[P3r6] I wish healthier food options were a more affordable price
[P3r7] I wish healthier food options tasted better
[P3r8] I only choose products with no artificial preservatives, colors or flavors

[P4]: When considering what to eat, how important is each of the following? [SINGLE SELECT PER ROW] [GENERAL FOOD/NUTRITION ATTITUDE_1]

1 1-Not at all important
2 2
3 3
4 4-Neither important nor unimportant
5 5
6 6
7 7-Extremely important
[P4r1] Amount of saturated fat
[P4r2] Amount of unsaturated fat
[P4r3] Amount of sugar
[P4r4] Amount of protein
[P4r5] Amount of cholesterol
[P4r6] Amount of carbohydrate
[P4r7] Type of protein (animal vs. plant)

[P4r8] Amount of fruit

[P4r9] Amount of vegetables

[P5]: Which of the following is your preferred taste or flavor? Please rank in order of most favorite (1) to least favorite (5):

[RANKING] [GENERAL FOOD PREFERENCES]

1 1 - Most favorite

2 2

3 3

4 4

5 5 - Least favorite

[P5r1] Sweet

[P5r2] Salty

[P5r3] Sour

[P5r4] Bitter

[P5r5] Umami/Savory

[P6]: When you think about your own food and nutrition priorities, how important are each to you? [SINGLE SELECT PER ROW]

[GENERAL FOOD/NUTRITION ATTITUDE_2]

1 1-Not at all important

2 2

3 3

4 4-Neither important nor unimportant

5 5

6 6

7 7-Extremely important

[P6r1] Reducing intake of sodium

[P6r2] Reducing intake of sugar

[P6r3] Reducing intake of artificial preservatives, flavors or coloring

[P6r4] Reducing intake of saturated fats

[P6r5] Reducing intake of calories

[P6r6] Shifting towards a plant-based diet

[P6r7] Choosing products with only no/minimal processing

[P6r8] Increasing intake of foods rich in vitamins

[P6r9] Increasing intake of fiber

[P6r10] Increasing intake of unsaturated fats

[P7]: Please rate whether you think the statement is true or false: [SINGLE SELECT PER ROW] [SODIUM/SALT KNOWLEDGE]

1	True
2	False
[P7r1]	Sweet foods (e.g., cakes, candy) do not contain sodium
[P7r2]	Cooking at home is better for controlling sodium intake
[P7r3]	Sea salt is healthier than table salt
[P7r4]	Consuming too much sodium can lead to hypertension
[P7r5]	Consuming too much sodium is associated with a greater risk of heart disease and stroke
[P7r6]	Sodium is necessary for proper nervous system function
[P7r7]	I do not have health issues, so I do not need to worry about how much sodium I eat
[P7r8]	Sodium is an essential part of a healthy diet
[P7r9]	Salt and sodium are one in the same

[P8]: Please rate much you agree or disagree with the following statement 'Flavor enhancers like MSG (monosodium glutamate) or umami (umami seasoning) contain less sodium than table salt': [SINGLE SELECT PER ROW] [SODIUM ATTITUDES/BEHAVIORS]

1	1-Completely disagree
2	2
3	3
4	4-Neither agree nor disagree
5	5
6	6
7	7-Completely agree

[P9]: According to nutritional guidelines, what is the recommended amount of sodium an adult should consume in an average day? [SINGLE SELECT PER COLUMN] [SODIUM KNOWLEDGE_1] [IF UNITED STATES, THAILAND, INDONESIA, BRAZIL]

1	Less than 1,000 mg/day
2	1,000-1,999 mg/day
3	2,000-5,999 mg/day
4	6,000-8,999 mg/day
5	9,000-10,999 mg/day
6	11,000-12,999 mg/day
7	13,000-14,999 mg/day
8	15,000 or more mg/day
9	Don't know/not sure
[P9c1]	National nutritional guidelines

[P9c2] World Health Organization (WHO) nutritional guidelines

[P10]: According to nutritional guidelines, what is the recommended amount of salt an adult should consume in an average day? [SINGLE SELECT] [SODIUM KNOWLEDGE_2] [IF UNITED KINGDOM, FRANCE, JAPAN]

1 Less than a gram tC2.49 grams/day
2 2.5-5 grams/day
3 5.1-7.49 grams/day
4 7.5-9.49 grams/day
5 9.5-11.49 grams/day
6 11.5-13.49 grams/day
7 13.5-15.49 grams/day
8 15.5 or more grams/day
9 Don't know/not sure
[P10c1] National nutritional guidelines
[P10c2] World Health Organization (WHO) nutritional guidelines

Section 3: Sodium interventions

[I1]: Now, we'd like to understand how much each of the following would motivate you to change your sodium intake. In the list below, please select the ONE statement you find MOST impactful and the ONE statement you find LEAST impactful when thinking about reducing your personal sodium intake. [SODIUM INTERVENTIONS]

1 Government lowering the recommended amount of sodium in its dietary guidelines
2 Government policy specifying the maximum amount of sodium contained in a serving size
3 Government requiring the labeling of naturally occurring vs. added sodium
4 Preferred grocery store not carrying foods that contain high amounts of sodium
5 Food and beverage companies clearly labeling sodium content on packaging
6 Food and beverage companies actively reducing sodium levels in their own food
7 Food and beverage companies offering alternatives that reduce sodium while maintaining flavor
8 A medical professional recommending I reduce the amount of sodium I consume
9 Factual media news or articles about sodium intake related to health and nutrition
[I1] Least Impactful
[I1] Most Impactful

Section 4: Country-specific inquiries about food culture and dietary habits

[C1]: When you think about the following foods, how much sodium, if any, do you believe each contains in a typical serving? [SINGLE SELECT PER RESPONSE] [SODIUM KNOWLEDGE_3]

1	None
2	Low
3	Medium
4	High
[C1r1]	Condiments (ketchup, mustard, mayonnaise)
[C1r2]	Sauces (hot sauce, soy sauce, salad dressing, fish sauce)
[C1r3]	Broths and stocks (chicken, vegetable, beef)
[C1r4]	Spices (basil, turmeric, cinnamon)

[C2]: When you think about the following foods, how much sodium, if any, do you believe each contains in a typical serving? [SINGLE SELECT PER RESPONSE] [SODIUM KNOWLEDGE_4]

1	None
2	Low
3	Medium
4	High
[C2r1]	Fresh bread
[C2r2]	Packaged bread
[C2r3]	Grains (rice, quinoa)
[C2r4]	Fresh pasta or noodles
[C2r5]	Packaged pasta or noodles

[C3]: When you think about the following foods, how much sodium, if any, do you believe each contains in a typical serving? [SINGLE SELECT PER RESPONSE] [SODIUM KNOWLEDGE_5]

1	None
2	Low
3	Medium
4	High
[C3r1]	Cheese
[C3r2]	Protein (meat, fish)
[C3r3]	Fruits or vegetables
[C3r4]	Sliced/smoked meats (e.g., deli, salamis)
[C3r5]	Plant-based meat alternatives [IF BRAZIL] (e.g., Futuro Burger/Fazenda Futuro, Incrível Burger/Seara, Beyond Meat) [SHOW ALL OTHER MARKETS] (e.g., Impossible Burger, Beyond Meat)
[C3r6]	Seafood (clams, shrimp)

[C3r7] Canned meats (tuna, chicken)

[C3r8] Instant noodles

[C4]: When you think about the following foods, how much sodium, if any, do you believe each contains in a typical serving?] [SINGLE SELECT PER RESPONSE] [SODIUM KNOWLEDGE_6]

1 None

2 Low

3 Medium

4 High

[C4r1] Soda (e.g., Coca Cola)

[C4r2] Coffee

[C4r3] Iced Tea/Tea

[C4r4] Mineral water

[C4r5] Dairy milk

[C4r6] Non-dairy milk (e.g., soy, oat, almond, rice)

[C5]: Where do you shop for your/your family's food? [MULTISELECT] [COUNTRY-SPECIFIC FOOD BEHAVIORS]

0 Unchecked

1 Checked

[C5r1] Grocery store/supermarket/hypermarket (chain)

[C5r2] Grocery store/supermarket/hypermarket (local)

[C5r3] Mass merchandiser/club store (e.g., Sam's Club, Costco) [SHOW IF UNITED STATES]

[C5r4] Online/delivery app

[C5r5] Convenience store

[C5r6] Farmer's market

[C5r7] Specialty stores (e.g., deli, cheese store, butcher)

[C5r8] Wet market [SHOW IF ASIA]

[C5r9] Mom-and-pop store/small neighborhood store

[C5r10] Grow my own food

[C5r11] Other (Please specify):

[C5r12] None of these

[C6]: Where do you typically find information about food, health and nutrition? [SINGLE SELECT] [GENERAL NUTRITION RESOURCE BEHAVIOR]

0 Unchecked

1 Checked

[C6r1] Local/National television news

[C6r2] Local/National online news

[C6r3] Friends and family

[C6r4] YouTube

[C6r5] Facebook

[C6r6] Instagram

[C6r7] Twitter

[C6r8] LINE[IF JAPAN, THAILAND, INDONESIA]

[C6r9] Tik Tok

[C6r10] WhatsApp

[C6r11] Food magazines

[C6r12] Health/lifestyle magazines

[C6r13] Physical cookbooks

[C6r14] Celebrity chefs

[C6r15] Cooking shows

[C6r16] Cooks/chefs (not celebrities)

[C6r17] Registered dietician/nutritionist/family doctor

[C6r18] Online recipe sites

[C6r19] Food or health/lifestyle blogs

[C6r20] National government dietary guidelines

[C6r21] World Health Organization (WHO)

[C6r22] National government food programs

[C6r23] Nonprofit/Non-governmental organizations (NGO)

[C6r24] Search engines (Google, Yahoo, etc.)

[C6r25] Other (Please specify):

[C6r26] None of the above

Section 5: Additional demographics and psychographics

[A1]: Please rate the degree to which you agree or disagree with the following statements: [SINGLE SELECT PER ROW] [HEALTH AWARENESS]

1 1-Strongly disagree

2 2

3 3

4 4-Neither agree nor disagree

5 5

6 6

7	7-Strongly Agree
[A1r1]	If I take care of myself, I can avoid illness
[A1r2]	Whenever I get sick, it is because of something I've done or not done
[A1r3]	Good health is largely a matter of good fortune
[A1r4]	No matter what I do, if I am going to get sick I will get sick
[A1r5]	Most people do not realize the extent to which their illnesses are controlled by accidental happenings
[A1r6]	I can only do what my doctor tells me to do
[A1r7]	There are so many strange diseases around that you can never know how or when you might pick one up
[A1r8]	When I feel ill, I know it is because I have not been getting the proper exercise or eating right
[A1r9]	People who never get sick are just plain lucky
[A1r10]	People's ill health results from their own carelessness
[A1r11]	I am directly responsible for my health

[A2]: Please rate how each of the statements is true or untrue of you: [SINGLE SELECT PER ROW] [SOCIAL RELATIONSHIP]

1	1-Extremely untrue of me
2	2
3	3
4	4-Neither true nor untrue of me
5	5
6	6
7	7-Extremely true of me
[A2r1]	It bothers me when other people neglect my needs
[A2r2]	When making a decision, I take other people's needs and feelings into account
[A2r3]	I'm not especially sensitive to other people's feelings
[A2r4]	I don't consider myself to be a particularly helpful person
[A2r5]	I believe people should go out of their way to be helpful
[A2r6]	I don't especially enjoy giving others aid
[A2r7]	I expect people I know to be responsive to my needs and feelings
[A2r8]	I often go out of my way to help another person
[A2r9]	I believe it's best not to get involved in taking care of other people's personal needs
[A2r10]	I'm not the sort of person who often comes to the aid of others
[A2r11]	When I have a need, I turn to others I know for help
[A2r12]	When people get emotionally upset, I tend to avoid them

[A2r13] People should keep their troubles to themselves

[A2r14] When I have a need that others ignore, I'm hurt

[A3]: Have you ever been diagnosed by a medical professional with any of the following health issues?[SINGLE SELECT PER ROW]] [HEALTH ISSUE]

0 Unchecked

1 Checked

[A3r1] Hypertension (high blood pressure)

[A3r2] Heart disease

[A3r3] Stroke

[A3r4] Kidney disease/kidney stones

[A3r5] Stomach cancer

[A3r6] Something else

[A3r7] None of these/not applicable

[A4]: Do you currently live with a family member who has been diagnosed by a medical professional with any of the following health issues?[SINGLE SELECT PER ROW] [FAMILY HEALTH ISSUE]

0 Unchecked

1 Checked

[A4r1] Hypertension (high blood pressure)

[A4r2] Heart disease

[A4r3] Stroke

[A4r4] Kidney disease/kidney stones

[A4r5] Stomach cancer

[A4r6] Something else

[A4r7] None of these/not applicable

[A5]: How is your health, in general? [SINGLE SELECT] [HEALTH CONDITION]

1 Very poor

2 Poor

3 Fair

4 Good

5 Very good

[A6]: Which of the following best describes your current dietary preferences or habits? [SINGLE SELECT] [DIETARY PREFERENCES/HABITS]

1	Vegan (do not eat meat/animal by-products)
2	Vegetarian (do not eat meat)
3	Pescatarian (do not eat meat except fish)
4	Flexitarian (eat meat on occasion)
5	Macrobiotic (reduced animal products, eat locally gown)
6	Kosher
7	Halal
8	Something else
9	I do not restrict my diet or what I eat

[A7]: Which of the following best describes the area where you live? [SINGLE SELECT] [RESIDENTIAL AREA]

1	Central urban area (in the heart of a city or town)
2	Urban area (not in the heart of a city or town but still within an urban area)
3	Suburban area (edge of a city or town)
4	Semi-rural area (a rural area but with some other houses and shops)
5	Rural area (little or no other houses or shops, mainly farmland)

[A8]: Which of the following best describes your situation? [SINGLE SELECT] [FAMILY STRUCTURE]

1	I do not have any children
2	I have children living at home and all children are under 10
3	I have children living at home and at least one child is aged 10 or over
4	I have children but they do not live with me
5	I have children but they’ve grown up and no longer live with me full time
6	Other
7	Prefer not to say

Supplementary table 1: Demographics data of the study participants (Section 1 of the survey)

		US	UK	France	Japan	Indonesia	Thailand	Brazil
Number of samples		1000	1022	1006	1000	1015	1021	1026
[D1]: What is your gender? [SINGLE SELECT] [GENDER]								
1	Male	488 (48.8)	493 (48.2)	480 (47.7)	490 (49.0)	522 (51.4)	499 (48.9)	501 (48.8)
2	Female	503 (50.3)	524 (51.3)	526 (52.3)	508 (50.8)	493 (48.6)	508 (49.8)	520 (50.7)
3	Non-binary	9 (0.9)	4 (0.4)	0 (0.0)	2 (0.2)	0 (0.0)	4 (0.4)	5 (0.5)
4	Other	0 (0.0)	1 (0.1)	0 (0.0)	0 (0.0)	0 (0.0)	10 (1.0)	0 (0.0)
5	Prefer not to answer	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
[D2]: What is your generation? [SINGLE SELECT] [GENERATION]								
1	Gen Z (18-24)	120 (12.0)	110 (10.8)	100 (9.9)	80 (8.0)	174 (17.1)	121 (11.9)	207 (20.2)
2	Millennial (25-40)	288 (28.8)	271 (26.5)	242 (24.1)	212 (21.2)	373 (36.7)	312 (30.6)	345 (33.6)
3	Gen X (41-56)	246 (24.6)	280 (27.4)	270 (26.8)	275 (27.5)	289 (28.5)	326 (31.9)	264 (25.7)
4	Boomer (57-75)	291 (29.1)	319 (31.2)	371 (36.9)	394 (39.4)	168 (16.6)	250 (24.5)	205 (20.0)
5	Silent/Greatest (76+)	55 (5.5)	42 (4.1)	23 (2.3)	39 (3.9)	11 (1.1)	12 (1.2)	5 (0.5)
[D3]: What country do you currently live in? [SINGLE SELECT] [COUNTRY]								
1	US	1000 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
2	UK	0 (0.0)	1022 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
3	France	0 (0.0)	0 (0.0)	1006 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
4	Japan	0 (0.0)	0 (0.0)	0 (0.0)	1000 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)
5	Indonesia	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1015 (100.0)	0 (0.0)	0 (0.0)
6	Thailand	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1021 (100.0)	0 (0.0)

7	Brazil	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1026 (100.0)
[D4]: What is the last grade in school you completed? [SINGLE SELECT] [EDUCATION]								
1	Grade school or less (Grade 1-8)	3 (0.3)	6 (0.6)	17 (1.7)	17 (1.7)	8 (0.8)	25 (2.4)	13 (1.3)
2	Some high school (Grade 9-11)	21 (2.1)	64 (6.3)	100 (9.9)	17 (1.7)	27 (2.7)	81 (7.9)	62 (6.0)
3	Graduated high school (Grade 12)	193 (19.3)	288 (28.2)	268 (26.6)	273 (27.3)	268 (26.4)	183 (17.9)	300 (29.2)
4	Vocational school/ technical school	55 (5.5)	192 (18.8)	152 (15.1)	112 (11.2)	137 (13.5)	134 (13.1)	67 (6.5)
5	Some college	220 (22.0)	102 (10.0)	70 (7.0)	39 (3.9)	142 (14.0)	70 (6.9)	133 (13.0)
6	Graduated college	327 (32.7)	265 (25.9)	247 (24.6)	495 (49.5)	394 (38.8)	471 (46.1)	308 (30.0)
7	Post-graduate degree	178 (17.8)	102 (10.0)	149 (14.8)	42 (4.2)	38 (3.7)	48 (4.7)	143 (13.9)
8	Prefer not to answer	3 (0.3)	3 (0.3)	3 (0.3)	5 (0.5)	1 (0.1)	9 (0.9)	0 (0.0)
[D5 for US]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]								
1	Under $10,000	63 (6.3)						
2	$10,000 - $24,999	116 (11.6)						
3	$25,000 - $39,999	130 (13.0)						
4	$40,000 - $49,999	87 (8.7)						
5	$50,000 - $59,999	93 (9.3)						
6	$60,000 - $74,999	99 (9.9)						
7	$75,000 - $82,499	59 (5.9)						
8	$82,500 - $99,999	73 (7.3)						
9	$100,000 - $109,999	47 (4.7)						
10	$110,000 - $119,999	26 (2.6)						
11	$120,000 or more	196 (19.6)						

12	Don't know	5 (0.5)						
13	Prefer not to answer	6 (0.6)						
[D5 for UK]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]								
1	Under £10,000		123 (12.0)					
2	£10,000 - £14,999		126 (12.3)					
3	£15,000 - £24,999		242 (23.7)					
4	£25,000 - £34,999		176 (17.2)					
5	£35,000 - £44,999		132 (12.9)					
6	£45,000 - £54,999		71 (6.9)					
7	£55,000 - £64,999		36 (3.5)					
8	£65,000 - £79,999		42 (4.1)					
9	£80,000 or more		53 (5.2)					
10	Don't know		9 (0.9)					
11	Prefer not to answer		12 (1.2)					
[D5 for France]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]								
1	Under €8,000			66 (6.6)				
2	€8,000 - €11,999			78 (7.8)				
3	€12,000 - €19,999			220 (21.9)				
4	€20,000 - €24,999			130 (12.9)				
5	€25,000 - €34,999			177 (17.6)				
6	€35,000 - €49,999			157 (15.6)				

7	€50,000 - €79,999			127 (12.6)				
8	€80,000 or more			43 (4.3)				
9	Don't know			3 (0.3)				
10	Prefer not to answer			5 (0.5)				
[D5 for Japan]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]								
1	Under 2,000,000 JPY				89 (8.9)			
2	2,000,000 JPY - 2,999,999 JPY				113 (11.3)			
3	3,000,000 JPY - 3,999,999 JPY				148 (14.8)			
4	4,000,000 JPY - 4,999,999 JPY				119 (11.9)			
5	5,000,000 JPY - 5,999,999 JPY				102 (10.2)			
6	6,000,000 JPY - 6,999,999 JPY				69 (6.9)			
7	7,000,000 JPY - 7,999,999 JPY				73 (7.3)			
8	8,000,000 JPY - 9,999,999 JPY				106 (10.6)			
9	10,000,000 JPY - 14,999,999 JPY				99 (9.9)			
10	15,000,000 JPY or more Don't Know				32 (3.2)			
11	Don't know				41 (4.1)			
12	Prefer not to answer				9 (0.9)			
[D5 for Indonesia]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]								
1	Under IDR 15,000,000					206 (20.3)		
2	IDR 15,000,000 - IDR 29,999,999					129 (12.7)		
3	IDR 30,000,000 - IDR 39,999,999					103 (10.1)		

4	IDR 40,000,000 - IDR 49,999,999					55 (5.4)		
5	IDR 50,000,000 - IDR 59,999,999					49 (4.8)		
6	IDR 60,000,000 - IDR 69,999,999					64 (6.3)		
7	IDR 70,000,000 - IDR 79,999,999					31 (3.1)		
8	IDR 80,000,000 - IDR 89,999,999					40 (3.9)		
9	IDR 90,000,000 - IDR 99,999,999					46 (4.5)		
10	IDR 100,000,000 - IDR 109,999,999					51 (5.0)		
11	IDR 110,000,000 - IDR 119,999,999					33 (3.3)		
12	IDR 120,000,000 - IDR 129,999,999					43 (4.2)		
13	IDR 130,000,000 - IDR 139,999,999					21 (2.1)		
14	IDR 140,000,000 or more					114 (11.2)		
15	Don't know					17 (1.7)		
16	Prefer not to answer					13 (1.3)		
[D5 for Thailand]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]								
1	Less than THB 100,000						211 (20.7)	
2	THB 100,000 - THB 224,999						260 (25.5)	
3	THB 225,000 - THB 349,999						84 (8.2)	
4	THB 350,000 - THB 474,999						80 (7.8)	
5	THB 475,000 - THB 599,999						69 (6.8)	
6	THB 600,000 - THB 724,999						67 (6.6)	
7	THB 725,000 - THB 849,999						40 (3.9)	
8	THB 850,000 - THB 974,999						42 (4.1)	

9	THB 975,000 - THB 1,099,999						77 (7.5)	
10	THB 1,100,000 or more						51 (5.0)	
11	Don't know						25 (2.4)	
12	Prefer not to answer						15 (1.5)	
[D5 for Brazil]: Thinking about your annual household income in 2019, which of the following categories best describes your total household income that year? [SINGLE SELECT] [INCOME]								
1	Under 15,000 BRL							259 (25.2)
2	15,000 BRL - 24,999 BRL							208 (20.3)
3	25,000 BRL - 34,999 BRL							78 (7.6)
4	35,000 BRL - 49,999 BRL							63 (6.1)
5	50,000 BRL - 69,999 BRL							68 (6.6)
6	70,000 BRL - 99,999 BRL							83 (8.1)
7	100,000 BRL - 129,999 BRL							68 (6.6)
8	130,000 BRL - 149,999 BRL							39 (3.8)
9	150,000 BRL or more							127 (12.4)
10	Don't know							19 (1.9)
11	Prefer not to answer							14 (1.4)
[Income] Income categories*								
1	Lower	308 (30.8)	331 (32.4)	318 (31.6)	277 (27.7)	252 (24.8)	267 (26.2)	264 (25.7)
2	Higher	670 (67.0)	663 (64.9)	648 (64.4)	704 (70.4)	737 (72.6)	727 (71.2)	731 (71.2)
3	Unknown	22 (2.2)	28 (2.7)	40 (4.0)	19 (1.9)	26 (2.6)	27 (2.6)	31 (3.0)
[D6]: Do you or anyone in your immediate family work in a job or for a company that is in any way connected with any of the following? [SINGLE SELECT PER ROW] [JOB]								

0	Unchecked							
1	Checked							
[D6r1=1]	Public relations	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
[D6r2=1]	Market research, advertising	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
[D6r3=1]	Grocery	46 (4.6)	31 (3.0)	16 (1.6)	28 (2.8)	105 (10.3)	88 (8.6)	69 (6.7)
[D6r4=1]	Restaurants	46 (4.6)	13 (1.3)	42 (4.2)	46 (4.6)	99 (9.8)	100 (9.8)	66 (6.4)
[D6r5=1]	Foodservice	22 (2.2)	23 (2.3)	23 (2.3)	13 (1.3)	98 (9.7)	63 (6.2)	57 (5.6)
[D6r6=1]	Food manufacturing	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
[D6r7=1]	None of these	918 (91.8)	964 (94.3)	934 (92.8)	920 (92.0)	772 (76.1)	815 (79.8)	881 (85.9)

US: United States; UK: United Kingdom

* To facilitate comparison among countries, the income variable was adjusted to average gross domestic product (GDP) per capita of the respective country and reclassified into the following categories: income level below the average GDP per capital (lower) and income level above the average GDP per capita (higher).

Supplementary table 2: Data beyond the demographic information of the participants (Sections 2-5 of the survey)

		United States	United Kingdom	France	Japan	Indonesia	Thailand	Brazil
Number of samples		1000	1022	1006	1000	1015	1021	1026
Section 2: Sodium perceptions								
[P1]: Which of the following is true for you when it comes to the meals you eat? [SINGLE SELECT] [GENERAL FOOD/MEALS BEHAVIOR]								
1	I make decisions about what meals I or my family eats	701 (70.1)	715 (70.0)	700 (69.6)	546 (54.6)	559 (55.1)	617 (60.4)	637 (62.1)
2	I share responsibility for the meals my family eats	274 (27.4)	280 (27.4)	278 (27.6)	283 (28.3)	410 (40.4)	333 (32.6)	345 (33.6)
3	Someone else in my household decides what my family eats	25 (2.5)	27 (2.6)	28 (2.8)	171 (17.1)	46 (4.5)	71 (7.0)	44 (4.3)
[P2]: When thinking about the food and beverages you and your family consume, please rate how important each of the following is when deciding what to eat: [SINGLE SELECT PER ROW] [GENERAL FOOD ATTITUDE & HABITS]								
1	1-Not at all important	–	–	–	–	–	–	–
2	2	–	–	–	–	–	–	–
3	3	–	–	–	–	–	–	–
4	4-Neither important nor unimportant	–	–	–	–	–	–	–
5	5	–	–	–	–	–	–	–
6	6	–	–	–	–	–	–	–
7	7-Extremely important	–	–	–	–	–	–	–
[P2r1]	Convenience (e.g., quick, easy)	5.32 (1.38)	4.92 (1.45)	4.88 (1.37)	5.28 (1.13)	5.70 (1.17)	5.65 (1.18)	5.22 (1.50)
[P2r2]	Taste	6.26 (0.99)	6.29 (0.93)	6.28 (0.89)	6.15 (1.00)	6.28 (0.96)	6.17 (1.05)	6.50 (0.90)
[P2r3]	Familiarity	5.30 (1.34)	4.99 (1.30)	5.48 (1.16)	4.86 (1.22)	5.40 (1.29)	5.42 (1.23)	5.74 (1.27)
[P2r4]	Cost/price	5.63 (1.37)	5.63 (1.24)	5.67 (1.20)	5.81 (1.15)	5.54 (1.28)	5.82 (1.20)	6.11 (1.28)
[P2r5]	Dietary needs or restrictions (e.g., allergens, religion)	4.45 (1.98)	4.02 (2.05)	3.87 (2.08)	4.08 (1.75)	5.76 (1.40)	5.41 (1.54)	4.62 (1.94)
[P2r6]	Locally produced or grown	4.84 (1.57)	4.69 (1.54)	5.38 (1.32)	4.40 (1.46)	5.08 (1.35)	5.17 (1.46)	5.15 (1.64)
[P2r7]	Shelf life/how long food lasts	5.44 (1.36)	5.47 (1.23)	5.63 (1.27)	5.51 (1.19)	5.81 (1.26)	5.88 (1.23)	6.51 (0.99)

[P2r8]	Storage/refrigeration	5.43 (1.35)	5.36 (1.29)	5.60 (1.18)	5.26 (1.17)	5.41 (1.30)	5.64 (1.23)	6.10 (1.25)
[P2r9]	Tradition/culture	4.56 (1.67)	4.16 (1.75)	4.57 (1.64)	4.00 (1.38)	4.82 (1.35)	4.89 (1.52)	4.95 (1.62)
[P2r10]	Sustainability/environmental impact	4.74 (1.71)	4.69 (1.60)	5.13 (1.41)	4.45 (1.38)	5.65 (1.24)	5.46 (1.32)	5.62 (1.52)
[P3]: When picking food for yourself or your family, please rate how much you agree or disagree with the following statements: [SINGLE SELECT PER ROW] [GENERAL FOOD BEHAVIOR]								
1	1-Completely disagree	–	–	–	–	–	–	–
2	2	–	–	–	–	–	–	–
3	3	–	–	–	–	–	–	–
4	4-Neither agree nor disagree	–	–	–	–	–	–	–
5	5	–	–	–	–	–	–	–
6	6	–	–	–	–	–	–	–
7	7-Completely agree	–	–	–	–	–	–	–
[P3r1]	I actively seek out the freshest products	5.63 (1.25)	5.50 (1.27)	5.65 (1.27)	5.58 (1.17)	5.94 (1.16)	6.01 (1.10)	6.20 (1.14)
[P3r2]	I buy products that my family loves	5.82 (1.22)	5.59 (1.21)	5.89 (1.13)	5.39 (1.28)	5.98 (1.13)	5.95 (1.07)	6.00 (1.16)
[P3r3]	I specifically look for foods with simple ingredients	5.11 (1.49)	4.75 (1.46)	5.23 (1.32)	4.65 (1.28)	5.38 (1.22)	5.54 (1.17)	5.15 (1.53)
[P3r4]	Eating processed foods is okay in moderation	4.80 (1.55)	4.99 (1.33)	4.43 (1.69)	5.13 (1.14)	5.29 (1.23)	5.44 (1.28)	5.50 (1.65)
[P3r5]	I need more information on what food is healthy and what is not	4.67 (1.73)	4.42 (1.70)	4.95 (1.50)	5.11 (1.24)	5.89 (1.19)	5.80 (1.17)	5.44 (1.58)
[P3r6]	I wish healthier food options were a more affordable price	5.50 (1.48)	5.37 (1.46)	6.01 (1.09)	5.69 (1.27)	6.20 (1.03)	6.00 (1.12)	6.43 (1.04)
[P3r7]	I wish healthier food options tasted better	5.25 (1.51)	4.97 (1.50)	5.47 (1.26)	5.37 (1.26)	6.20 (1.04)	5.93 (1.11)	5.79 (1.47)
[P3r8]	I only choose products with no artificial preservatives, colors or flavors	4.45 (1.79)	4.32 (1.69)	4.81 (1.61)	4.34 (1.49)	5.38 (1.41)	5.68 (1.22)	4.56 (1.85)
[P4]: When considering what to eat, how important is each of the following? [SINGLE SELECT PER ROW] [GENERAL FOOD/NUTRITION ATTITUDE_1]								
1	1-Not at all important	–	–	–	–	–	–	–
2	2	–	–	–	–	–	–	–
3	3	–	–	–	–	–	–	–
4	4-Neither important nor unimportant	–	–	–	–	–	–	–

5	5	–	–	–	–	–	–	–
6	6	–	–	–	–	–	–	–
7	7-Extremely important	–	–	–	–	–	–	–
[P4r1]	Amount of saturated fat	5.29 (1.50)	5.16 (1.53)	4.94 (1.59)	4.52 (1.28)	5.43 (1.33)	5.42 (1.40)	5.49 (1.74)
[P4r2]	Amount of unsaturated fat	5.16 (1.49)	4.94 (1.54)	4.86 (1.60)	4.62 (1.29)	5.36 (1.33)	5.35 (1.37)	5.50 (1.63)
[P4r3]	Amount of sugar	5.48 (1.43)	5.30 (1.52)	5.36 (1.51)	4.96 (1.31)	5.64 (1.32)	5.55 (1.40)	5.68 (1.58)
[P4r4]	Amount of protein	5.46 (1.40)	5.04 (1.48)	4.87 (1.56)	5.15 (1.27)	5.82 (1.19)	5.83 (1.16)	6.07 (1.22)
[P4r5]	Amount of cholesterol	5.29 (1.50)	4.94 (1.60)	4.89 (1.63)	4.85 (1.33)	5.68 (1.36)	5.57 (1.41)	5.59 (1.72)
[P4r6]	Amount of carbohydrate	5.16 (1.51)	4.82 (1.50)	4.93 (1.54)	4.82 (1.25)	5.64 (1.24)	5.56 (1.24)	5.66 (1.45)
[P4r7]	Type of protein (animal vs. plant)	5.17 (1.52)	4.76 (1.58)	4.84 (1.60)	4.95 (1.29)	5.56 (1.28)	5.68 (1.21)	5.79 (1.38)
[P4r8]	Amount of fruit	5.37 (1.43)	5.24 (1.45)	5.22 (1.45)	4.85 (1.24)	5.64 (1.23)	5.81 (1.17)	6.19 (1.19)
[P4r9]	Amount of vegetables	5.48 (1.36)	5.40 (1.41)	5.25 (1.48)	5.69 (1.14)	5.92 (1.14)	5.92 (1.16)	5.95 (1.33)
[P5]: Which of the following is your preferred taste or flavor? Please rank in order of most favorite (1) to least favorite (5): [RANKING] [GENERAL FOOD PREFERENCES]								
1	1 - Most favorite	–	–	–	–	–	–	–
2	2	–	–	–	–	–	–	–
3	3	–	–	–	–	–	–	–
4	4	–	–	–	–	–	–	–
5	5 - Least favorite	–	–	–	–	–	–	–
[P5r1]	Sweet	2.34 (1.21)	2.40 (1.25)	2.00 (1.11)	2.68 (1.13)	2.37 (1.05)	2.70 (1.17)	2.16 (1.10)
[P5r2]	Salty	2.49 (1.22)	2.95 (1.17)	1.76 (0.93)	2.60 (1.03)	2.70 (1.09)	3.34 (1.16)	1.61 (0.88)
[P5r3]	Sour	3.47 (1.09)	3.66 (0.96)	3.36 (1.00)	3.60 (0.95)	3.57 (0.88)	2.82 (1.14)	3.82 (1.02)
[P5r4]	Bitter	4.19 (1.12)	4.31 (0.96)	3.91 (1.05)	4.66 (0.66)	4.64 (0.85)	4.33 (1.07)	3.99 (1.05)
[P5r5]	Umami/Savory	2.52 (1.43)	1.68 (1.00)	3.97 (1.16)	1.46 (0.77)	1.72 (1.04)	1.80 (1.18)	3.41 (1.19)
[P6]: When you think about your own food and nutrition priorities, how important are each to you? [SINGLE SELECT PER ROW] [GENERAL FOOD/NUTRITION ATTITUDE_2]								
1	1-Not at all important	–	–	–	–	–	–	–

2	2	–	–	–	–	–	–	–
3	3	–	–	–	–	–	–	–
4	4-Neither important nor unimportant	–	–	–	–	–	–	–
5	5	–	–	–	–	–	–	–
6	6	–	–	–	–	–	–	–
7	7-Extremely important	–	–	–	–	–	–	–
[P6r1]	Reducing intake of sodium	5.30 (1.48)	4.87 (1.57)	5.28 (1.47)	4.74 (1.33)	4.99 (1.32)	5.61 (1.30)	5.87 (1.42)
[P6r2]	Reducing intake of sugar	5.43 (1.45)	5.28 (1.54)	5.43 (1.43)	5.01 (1.27)	5.63 (1.31)	5.71 (1.28)	5.97 (1.35)
[P6r3]	Reducing intake of artificial preservatives, flavors or coloring	5.19 (1.54)	4.96 (1.55)	5.44 (1.48)	4.91 (1.39)	5.94 (1.26)	5.77 (1.31)	5.88 (1.46)
[P6r4]	Reducing intake of saturated fats	5.26 (1.46)	5.10 (1.55)	5.18 (1.47)	4.58 (1.30)	5.39 (1.34)	5.47 (1.31)	5.85 (1.40)
[P6r5]	Reducing intake of calories	5.17 (1.46)	4.98 (1.59)	4.93 (1.49)	4.88 (1.34)	5.04 (1.41)	5.52 (1.33)	5.59 (1.51)
[P6r6]	Shifting towards a plant-based diet	4.30 (1.90)	4.12 (1.95)	3.50 (1.90)	4.45 (1.31)	4.96 (1.41)	5.65 (1.31)	5.08 (1.75)
[P6r7]	Choosing products with only no/minimal processing	5.12 (1.49)	4.89 (1.54)	5.54 (1.39)	4.43 (1.34)	4.94 (1.29)	5.40 (1.30)	5.54 (1.50)
[P6r8]	Increasing intake of foods rich in vitamins	5.40 (1.41)	5.14 (1.48)	5.12 (1.47)	5.28 (1.23)	6.15 (1.10)	5.92 (1.17)	6.26 (1.15)
[P6r9]	Increasing intake of fiber	5.32 (1.41)	5.10 (1.46)	5.16 (1.43)	5.32 (1.25)	5.96 (1.18)	5.83 (1.21)	6.05 (1.29)
[P6r10]	Increasing intake of unsaturated fats	4.92 (1.50)	4.61 (1.58)	4.41 (1.49)	4.46 (1.33)	5.21 (1.34)	5.18 (1.39)	4.96 (1.73)
[P7]: Please rate whether you think the statement is true or false: [SINGLE SELECT PER ROW] [SODIUM/SALT KNOWLEDGE]								
1	TRUE	–	–	–	–	–	–	–
2	FALSE	–	–	–	–	–	–	–
[P7r1=2]	Sweet foods (e.g., cakes, candy) do not contain sodium	773 (77.3)	821 (80.3)	886 (88.1)	861 (86.1)	597 (58.8)	629 (61.6)	796 (77.6)
[P7r2=2]	Cooking at home is better for controlling sodium intake	101 (10.1)	105 (10.3)	69 (6.9)	178 (17.8)	52 (5.1)	89 (8.7)	74 (7.2)
[P7r3=2]	Sea salt is healthier than table salt	324 (32.4)	378 (37.0)	417 (41.5)	361 (36.1)	514 (50.6)	303 (29.7)	384 (37.4)
[P7r4=2]	Consuming too much sodium can lead to hypertension	167 (16.7)	155 (15.2)	77 (7.7)	85 (8.5)	170 (16.7)	140 (13.7)	87 (8.5)
[P7r5=2]	Consuming too much sodium is associated with a greater risk of heart disease and stroke	166 (16.6)	115 (11.3)	98 (9.7)	89 (8.9)	189 (18.6)	170 (16.7)	111 (10.8)

[P7r6=2]	Sodium is necessary for proper nervous system function	254 (25.4)	239 (23.4)	260 (25.8)	149 (14.9)	157 (15.5)	340 (33.3)	405 (39.5)
[P7r7=2]	I do not have health issues, so I do not need to worry about how much sodium I eat	681 (68.1)	748 (73.2)	711 (70.7)	835 (83.5)	630 (62.1)	618 (60.5)	866 (84.4)
[P7r8=2]	Sodium is an essential part of a healthy diet	282 (28.2)	215 (21.0)	472 (46.9)	157 (15.7)	239 (23.5)	451 (44.2)	587 (57.2)
[P7r9=2]	Salt and sodium are one in the same	389 (38.9)	445 (43.5)	404 (40.2)	629 (62.9)	339 (33.4)	391 (38.3)	490 (47.8)
[P8]: Please rate much you agree or disagree with the following statement 'Flavor enhancers like MSG (monosodium glutamate) or umami (umami seasoning) contain less sodium than table salt': [SINGLE SELECT PER ROW] [SODIUM ATTITUDES/BEHAVIORS]								
1	1-Completely disagree	–	–	–	–	–	–	–
2	2	–	–	–	–	–	–	–
3	3	–	–	–	–	–	–	–
4	4-Neither agree nor disagree	–	–	–	–	–	–	–
5	5	–	–	–	–	–	–	–
6	6	–	–	–	–	–	–	–
7	7-Completely agree	–	–	–	–	–	–	–
[P9c1]: According to national nutritional guidelines, what is the recommended amount of sodium an adult should consume in an average day? [SINGLE SELECT PER COLUMN] [SODIUM KNOWLEDGE_1] [IF UNITED STATES, THAILAND, INDONESIA, BRAZIL]								
1	Less than 1,000 mg/day	136 (13.6)				180 (17.7)	212 (20.8)	210 (20.5)
2	1,000-1,999 mg/day	187 (18.7)				237 (23.3)	265 (26.0)	217 (21.2)
3	2,000-5,999 mg/day	170 (17.0)				179 (17.6)	180 (17.6)	141 (13.7)
4	6,000-8,999 mg/day	48 (4.8)				44 (4.3)	42 (4.1)	46 (4.5)
5	9,000-10,999 mg/day	37 (3.7)				35 (3.4)	38 (3.7)	19 (1.9)
6	11,000-12,999 mg/day	17 (1.7)				14 (1.4)	20 (2.0)	12 (1.2)
7	13,000-14,999 mg/day	12 (1.2)				6 (0.6)	9 (0.9)	9 (0.9)
8	15,000 or more mg/day	12 (1.2)				10 (1.0)	4 (0.4)	4 (0.4)
9	Don't know/not sure	381 (38.1)				310 (30.5)	251 (24.6)	368 (35.9)

[P9c2]: According to World Health Organization (WHO) nutritional guidelines, what is the recommended amount of sodium an adult should consume in an average day? [SINGLE SELECT PER COLUMN] [SODIUM KNOWLEDGE_1] [IF UNITED STATES, THAILAND, INDONESIA, BRAZIL]								
1	Less than 1,000 mg/day	118 (11.8)				171 (16.8)	208 (20.4)	220 (21.4)
2	1,000-1,999 mg/day	190 (19.0)				214 (21.1)	263 (25.8)	202 (19.7)
3	2,000-5,999 mg/day	135 (13.5)				188 (18.5)	163 (16.0)	150 (14.6)
4	6,000-8,999 mg/day	75 (7.5)				62 (6.1)	56 (5.5)	49 (4.8)
5	9,000-10,999 mg/day	40 (4.0)				30 (3.0)	36 (3.5)	19 (1.9)
6	11,000-12,999 mg/day	21 (2.1)				10 (1.0)	31 (3.0)	14 (1.4)
7	13,000-14,999 mg/day	15 (1.5)				10 (1.0)	6 (0.6)	6 (0.6)
8	15,000 or more mg/day	7 (0.7)				11 (1.1)	3 (0.3)	5 (0.5)
9	Don’t know/not sure	399 (39.9)				319 (31.4)	255 (25.0)	361 (35.2)
[P10c1]: According to national nutritional guidelines, what is the recommended amount of salt an adult should consume in an average day? [SINGLE SELECT] [SODIUM KNOWLEDGE_2] [IF UNITED KINGDOM, FRANCE, JAPAN]								
1	Less than a gram to 2.49 grams/day		100 (9.8)	194 (19.3)	58 (5.8)			
2	2.5-5 grams/day		205 (20.1)	226 (22.5)	173 (17.3)			
3	5.1-7.49 grams/day		152 (14.9)	93 (9.2)	219 (21.9)			
4	7.5-9.49 grams/day		49 (4.8)	34 (3.4)	134 (13.4)			
5	9.5-11.49 grams/day		23 (2.3)	25 (2.5)	70 (7.0)			
6	11.5-13.49 grams/day		8 (0.8)	6 (0.6)	9 (0.9)			
7	13.5-15.49 grams/day		6 (0.6)	5 (0.5)	3 (0.3)			
8	15.5 or more grams/day		1 (0.1)	4 (0.4)	0 (0.0)			
9	Don’t know/not sure		478 (46.8)	419 (41.7)	334 (33.4)			
[P10c2]: According to World Health Organization (WHO) nutritional guidelines, what is the recommended amount of salt an adult should consume in an average day? [SINGLE SELECT] [SODIUM KNOWLEDGE_2] [IF UNITED KINGDOM, FRANCE, JAPAN]								
1	Less than a gram to 2.49 grams/day		108 (10.6)	192 (19.1)	82 (8.2)			

2	2.5-5 grams/day		175 (17.1)	218 (21.7)	182 (18.2)			
3	5.1-7.49 grams/day		136 (13.3)	108 (10.7)	197 (19.7)			
4	7.5-9.49 grams/day		51 (5.0)	32 (3.2)	105 (10.5)			
5	9.5-11.49 grams/day		35 (3.4)	21 (2.1)	63 (6.3)			
6	11.5-13.49 grams/day		14 (1.4)	7 (0.7)	12 (1.2)			
7	13.5-15.49 grams/day		6 (0.6)	5 (0.5)	5 (0.5)			
8	15.5 or more grams/day		3 (0.3)	2 (0.2)	0 (0.0)			
9	Don't know/not sure		494 (48.3)	421 (41.8)	354 (35.4)			
Section 3: Sodium interventions								
[I1]: Now, we'd like to understand how much each of the following would motivate you to change your sodium intake. In the list below, please select the ONE statement you find MOST impactful and the ONE statement you find LEAST impactful when thinking about reducing your personal sodium intake. [SODIUM INTERVENTIONS]								
1	MaxDiff_Score1	12.16 (21.65)	14.77 (26.65)	12.52 (23.34)	17.09 (27.26)	10.45 (20.00)	9.36 (18.81)	12.67 (21.87)
2	MaxDiff_Score2	9.46 (17.77)	9.19 (17.50)	12.65 (22.99)	9.79 (18.29)	8.33 (17.69)	7.62 (15.34)	8.50 (16.04)
3	MaxDiff_Score3	9.40 (17.88)	8.03 (15.58)	5.91 (12.80)	13.79 (23.56)	7.70 (15.52)	6.94 (14.75)	9.48 (17.85)
4	MaxDiff_Score4	13.69 (25.64)	13.24 (25.18)	15.45 (27.53)	16.91 (28.62)	17.96 (29.18)	13.08 (25.15)	20.98 (30.93)
5	MaxDiff_Score5	5.58 (12.32)	6.09 (13.13)	6.40 (15.01)	7.61 (16.30)	8.01 (17.83)	5.83 (13.03)	5.36 (11.68)
6	MaxDiff_Score6	4.22 (10.41)	3.24 (8.33)	4.52 (10.23)	4.56 (12.23)	5.79 (14.13)	5.47 (12.83)	3.19 (10.00)
7	MaxDiff_Score7	5.17 (11.86)	6.57 (15.39)	6.90 (14.87)	8.75 (20.38)	8.85 (18.77)	6.70 (14.63)	4.76 (12.15)
8	MaxDiff_Score8	4.15 (10.88)	4.96 (14.41)	4.59 (14.15)	4.15 (13.00)	3.79 (11.54)	6.39 (16.44)	4.80 (14.77)
9	MaxDiff_Score9	8.54 (18.23)	10.95 (20.95)	10.20 (20.41)	8.48 (20.37)	11.70 (23.90)	6.02 (14.45)	9.72 (19.45)
Section 4: Country-specific inquiries about food culture and dietary habits								
[C1]: When you think about the following foods, how much sodium, if any, do you believe each contains in a typical serving? [SINGLE SELECT PER RESPONSE] [SODIUM KNOWLEDGE_3]								
1	None	–	–	–	–	–	–	–
2	Low	–	–	–	–	–	–	–
3	Medium	–	–	–	–	–	–	–

4	High	–	–	–	–	–	–	–
C1r1 (%) Condiments (ketchup, mustard, mayonnaise) <0.001								
1	None	18 (1.8)	15 (1.5)	18 (1.8)	6 (0.6)	21 (2.1)	16 (1.6)	12 (1.2)
2	Low	164 (16.4)	119 (11.6)	100 (9.9)	102 (10.2)	141 (13.9)	134 (13.1)	82 (8.0)
3	Medium	440 (44.0)	511 (50.0)	369 (36.7)	377 (37.7)	454 (44.7)	443 (43.4)	318 (31.0)
4	High	378 (37.8)	377 (36.9)	519 (51.6)	515 (51.5)	399 (39.3)	428 (41.9)	614 (59.8)
C1r2 (%) Sauces (hot sauce, soy sauce, salad dressing, fish sauce) <0.001								
1	None	26 (2.6)	15 (1.5)	11 (1.1)	7 (0.7)	28 (2.8)	7 (0.7)	10 (1.0)
2	Low	107 (10.7)	117 (11.4)	108 (10.7)	54 (5.4)	103 (10.1)	105 (10.3)	90 (8.8)
3	Medium	386 (38.6)	465 (45.5)	388 (38.6)	240 (24.0)	403 (39.7)	390 (38.2)	348 (33.9)
4	High	481 (48.1)	425 (41.6)	499 (49.6)	699 (69.9)	481 (47.4)	519 (50.8)	578 (56.3)
C1r3 (%) Broths and stocks (chicken, vegetable, beef) <0.001								
1	None	27 (2.7)	27 (2.6)	16 (1.6)	23 (2.3)	27 (2.7)	7 (0.7)	8 (0.8)
2	Low	128 (12.8)	182 (17.8)	111 (11.0)	202 (20.2)	189 (18.6)	153 (15.0)	108 (10.5)
3	Medium	366 (36.6)	462 (45.2)	309 (30.7)	431 (43.1)	449 (44.2)	493 (48.3)	297 (28.9)
4	High	479 (47.9)	351 (34.3)	570 (56.7)	344 (34.4)	350 (34.5)	368 (36.0)	613 (59.7)
C1r4 (%) Spices (basil, turmeric, cinnamon) <0.001								
1	None	190 (19.0)	247 (24.2)	286 (28.4)	123 (12.3)	113 (11.1)	181 (17.7)	220 (21.4)
2	Low	382 (38.2)	435 (42.6)	448 (44.5)	390 (39.0)	515 (50.7)	345 (33.8)	404 (39.4)
3	Medium	288 (28.8)	246 (24.1)	212 (21.1)	320 (32.0)	310 (30.5)	357 (35.0)	246 (24.0)
4	High	140 (14.0)	94 (9.2)	60 (6.0)	167 (16.7)	77 (7.6)	138 (13.5)	156 (15.2)
[C2]: When you think about the following foods, how much sodium, if any, do you believe each contains in a typical serving? [SINGLE SELECT PER RESPONSE] [SODIUM KNOWLEDGE_4]								
C2r1 (%) Fresh bread <0.001								
1	None	48 (4.8)	33 (3.2)	17 (1.7)	9 (0.9)	58 (5.7)	58 (5.7)	25 (2.4)
2	Low	369 (36.9)	367 (35.9)	260 (25.8)	148 (14.8)	440 (43.3)	369 (36.1)	312 (30.4)

3	Medium	439 (43.9)	503 (49.2)	568 (56.5)	588 (58.8)	426 (42.0)	467 (45.7)	541 (52.7)
4	High	144 (14.4)	119 (11.6)	161 (16.0)	255 (25.5)	91 (9.0)	127 (12.4)	148 (14.4)
C2r2 (%) Packaged bread <0.001								
1	None	35 (3.5)	28 (2.7)	17 (1.7)	11 (1.1)	45 (4.4)	37 (3.6)	16 (1.6)
2	Low	231 (23.1)	228 (22.3)	195 (19.4)	106 (10.6)	276 (27.2)	312 (30.6)	173 (16.9)
3	Medium	510 (51.0)	521 (51.0)	525 (52.2)	424 (42.4)	500 (49.3)	507 (49.7)	550 (53.6)
4	High	224 (22.4)	245 (24.0)	269 (26.7)	459 (45.9)	194 (19.1)	165 (16.2)	287 (28.0)
C2r3 (%) Grains (rice, quinoa) <0.001								
1	None	141 (14.1)	246 (24.1)	170 (16.9)	176 (17.6)	129 (12.7)	201 (19.7)	230 (22.4)
2	Low	473 (47.3)	506 (49.5)	510 (50.7)	390 (39.0)	559 (55.1)	428 (41.9)	466 (45.4)
3	Medium	272 (27.2)	226 (22.1)	269 (26.7)	388 (38.8)	253 (24.9)	281 (27.5)	261 (25.4)
4	High	114 (11.4)	44 (4.3)	57 (5.7)	46 (4.6)	74 (7.3)	111 (10.9)	69 (6.7)
C2r4 (%) Fresh pasta or noodles <0.001								
1	None	59 (5.9)	109 (10.7)	66 (6.6)	11 (1.1)	22 (2.2)	23 (2.3)	48 (4.7)
2	Low	397 (39.7)	489 (47.8)	458 (45.5)	174 (17.4)	207 (20.4)	244 (23.9)	356 (34.7)
3	Medium	413 (41.3)	335 (32.8)	404 (40.2)	486 (48.6)	533 (52.5)	519 (50.8)	473 (46.1)
4	High	131 (13.1)	89 (8.7)	78 (7.8)	329 (32.9)	253 (24.9)	235 (23.0)	149 (14.5)
C2r5 (%) Packaged pasta or noodles <0.001								
1	None	44 (4.4)	65 (6.4)	55 (5.5)	15 (1.5)	23 (2.3)	15 (1.5)	30 (2.9)
2	Low	260 (26.0)	313 (30.6)	350 (34.8)	148 (14.8)	99 (9.8)	127 (12.4)	194 (18.9)
3	Medium	449 (44.9)	466 (45.6)	430 (42.7)	399 (39.9)	339 (33.4)	422 (41.3)	511 (49.8)
4	High	247 (24.7)	178 (17.4)	171 (17.0)	438 (43.8)	554 (54.6)	457 (44.8)	291 (28.4)
[C3]: When you think about the following foods, how much sodium, if any, do you believe each contains in a typical serving? [SINGLE SELECT PER RESPONSE] [SODIUM KNOWLEDGE_5]								
C3r1 (%) Cheese <0.001								
1	None	40 (4.0)	41 (4.0)	13 (1.3)	14 (1.4)	20 (2.0)	42 (4.1)	10 (1.0)

2	Low	246 (24.6)	284 (27.8)	158 (15.7)	85 (8.5)	129 (12.7)	184 (18.0)	132 (12.9)
3	Medium	428 (42.8)	448 (43.8)	424 (42.1)	416 (41.6)	447 (44.0)	531 (52.0)	507 (49.4)
4	High	286 (28.6)	249 (24.4)	411 (40.9)	485 (48.5)	419 (41.3)	264 (25.9)	377 (36.7)
C3r2 (%) Protein (meat, fish) <0.001								
1	None	92 (9.2)	120 (11.7)	97 (9.6)	96 (9.6)	44 (4.3)	95 (9.3)	124 (12.1)
2	Low	386 (38.6)	424 (41.5)	374 (37.2)	300 (30.0)	306 (30.1)	363 (35.6)	399 (38.9)
3	Medium	388 (38.8)	385 (37.7)	436 (43.3)	529 (52.9)	495 (48.8)	410 (40.2)	408 (39.8)
4	High	134 (13.4)	93 (9.1)	99 (9.8)	75 (7.5)	170 (16.7)	153 (15.0)	95 (9.3)
C3r3 (%) Fruits or vegetable. <0.001								
1	None	286 (28.6)	379 (37.1)	360 (35.8)	166 (16.6)	155 (15.3)	271 (26.5)	395 (38.5)
2	Low	480 (48.0)	460 (45.0)	476 (47.3)	502 (50.2)	572 (56.4)	404 (39.6)	483 (47.1)
3	Medium	156 (15.6)	147 (14.4)	133 (13.2)	299 (29.9)	208 (20.5)	241 (23.6)	109 (10.6)
4	High	78 (7.8)	36 (3.5)	37 (3.7)	33 (3.3)	80 (7.9)	105 (10.3)	39 (3.8)
C3r4 (%) Sliced/smoked meats (e.g., deli, salamis) <0.001								
1	None	23 (2.3)	22 (2.2)	15 (1.5)	8 (0.8)	30 (3.0)	33 (3.2)	10 (1.0)
2	Low	121 (12.1)	143 (14.0)	70 (7.0)	40 (4.0)	198 (19.5)	226 (22.1)	87 (8.5)
3	Medium	302 (30.2)	393 (38.5)	240 (23.9)	191 (19.1)	497 (49.0)	481 (47.1)	280 (27.3)
4	High	554 (55.4)	464 (45.4)	681 (67.7)	761 (76.1)	290 (28.6)	281 (27.5)	649 (63.3)
C3r5 (%) Plant-based meat alternatives [IF BRAZIL] (e.g., Futuro Burger/Fazenda Futuro, Incr?vel Burger/Seara, Beyond Meat) [SHOW ALL OTHER MARKETS] (e.g., Impossible Burger, Beyond Meat) <0.001								
1	None	96 (9.6)	123 (12.0)	38 (3.8)	28 (2.8)	34 (3.3)	76 (7.4)	39 (3.8)
2	Low	361 (36.1)	450 (44.0)	212 (21.1)	236 (23.6)	212 (20.9)	336 (32.9)	255 (24.9)
3	Medium	354 (35.4)	351 (34.3)	438 (43.5)	459 (45.9)	451 (44.4)	454 (44.5)	395 (38.5)
4	High	189 (18.9)	98 (9.6)	318 (31.6)	277 (27.7)	318 (31.3)	155 (15.2)	337 (32.8)
C3r6 (%) Seafood (clams, shrimp) <0.001								
1	None	71 (7.1)	114 (11.2)	72 (7.2)	46 (4.6)	33 (3.3)	39 (3.8)	102 (9.9)

2	Low	336 (33.6)	395 (38.6)	259 (25.7)	218 (21.8)	139 (13.7)	193 (18.9)	314 (30.6)
3	Medium	398 (39.8)	378 (37.0)	404 (40.2)	528 (52.8)	418 (41.2)	469 (45.9)	404 (39.4)
4	High	195 (19.5)	135 (13.2)	271 (26.9)	208 (20.8)	425 (41.9)	320 (31.3)	206 (20.1)
C3r7 (%) Canned meats (tuna, chicken) <0.001								
1	None	23 (2.3)	38 (3.7)	19 (1.9)	7 (0.7)	18 (1.8)	10 (1.0)	13 (1.3)
2	Low	178 (17.8)	244 (23.9)	120 (11.9)	78 (7.8)	94 (9.3)	122 (11.9)	69 (6.7)
3	Medium	377 (37.7)	484 (47.4)	456 (45.3)	384 (38.4)	429 (42.3)	482 (47.2)	294 (28.7)
4	High	422 (42.2)	256 (25.0)	411 (40.9)	531 (53.1)	474 (46.7)	407 (39.9)	650 (63.4)
C3r8 (%) Instant noodles <0.001								
1	None	25 (2.5)	37 (3.6)	31 (3.1)	12 (1.2)	14 (1.4)	10 (1.0)	11 (1.1)
2	Low	170 (17.0)	197 (19.3)	181 (18.0)	52 (5.2)	65 (6.4)	81 (7.9)	82 (8.0)
3	Medium	274 (27.4)	408 (39.9)	413 (41.1)	191 (19.1)	278 (27.4)	267 (26.2)	235 (22.9)
4	High	531 (53.1)	380 (37.2)	381 (37.9)	745 (74.5)	658 (64.8)	663 (64.9)	698 (68.0)
[C4]: When you think about the following foods, how much sodium, if any, do you believe each contains in a typical serving? [SINGLE SELECT PER RESPONSE] [SODIUM KNOWLEDGE_6]								
C4r1 (%) Soda (e.g., Coca Cola) <0.001								
1	None	80 (8.0)	158 (15.5)	152 (15.1)	111 (11.1)	83 (8.2)	66 (6.5)	78 (7.6)
2	Low	254 (25.4)	338 (33.1)	358 (35.6)	290 (29.0)	217 (21.4)	244 (23.9)	189 (18.4)
3	Medium	355 (35.5)	304 (29.7)	269 (26.7)	364 (36.4)	307 (30.2)	415 (40.6)	282 (27.5)
4	High	311 (31.1)	222 (21.7)	227 (22.6)	235 (23.5)	408 (40.2)	296 (29.0)	477 (46.5)
C4r2 (%) Coffee <0.001								
1	None	308 (30.8)	377 (36.9)	502 (49.9)	286 (28.6)	163 (16.1)	154 (15.1)	355 (34.6)
2	Low	343 (34.3)	389 (38.1)	325 (32.3)	349 (34.9)	389 (38.3)	351 (34.4)	403 (39.3)
3	Medium	256 (25.6)	204 (20.0)	149 (14.8)	326 (32.6)	329 (32.4)	388 (38.0)	207 (20.2)
4	High	93 (9.3)	52 (5.1)	30 (3.0)	39 (3.9)	134 (13.2)	128 (12.5)	61 (5.9)
C4r3 (%) Iced Tea/Tea <0.001								

1	None	295 (29.5)	428 (41.9)	407 (40.5)	250 (25.0)	180 (17.7)	137 (13.4)	379 (36.9)
2	Low	359 (35.9)	400 (39.1)	370 (36.8)	396 (39.6)	437 (43.1)	324 (31.7)	448 (43.7)
3	Medium	251 (25.1)	155 (15.2)	166 (16.5)	312 (31.2)	321 (31.6)	410 (40.2)	155 (15.1)
4	High	95 (9.5)	39 (3.8)	63 (6.3)	42 (4.2)	77 (7.6)	150 (14.7)	44 (4.3)
C4r4 (%) Mineral water <0.001								
1	None	324 (32.4)	432 (42.3)	261 (25.9)	353 (35.3)	280 (27.6)	221 (21.6)	469 (45.7)
2	Low	376 (37.6)	407 (39.8)	506 (50.3)	389 (38.9)	519 (51.1)	392 (38.4)	388 (37.8)
3	Medium	213 (21.3)	144 (14.1)	201 (20.0)	227 (22.7)	152 (15.0)	292 (28.6)	119 (11.6)
4	High	87 (8.7)	39 (3.8)	38 (3.8)	31 (3.1)	64 (6.3)	116 (11.4)	50 (4.9)
C4r5 (%) Dairy milk <0.001								
1	None	200 (20.0)	291 (28.5)	255 (25.3)	195 (19.5)	91 (9.0)	131 (12.8)	188 (18.3)
2	Low	463 (46.3)	462 (45.2)	506 (50.3)	437 (43.7)	397 (39.1)	430 (42.1)	468 (45.6)
3	Medium	258 (25.8)	221 (21.6)	210 (20.9)	337 (33.7)	402 (39.6)	357 (35.0)	301 (29.3)
4	High	79 (7.9)	48 (4.7)	35 (3.5)	31 (3.1)	125 (12.3)	103 (10.1)	69 (6.7)
C4r6 (%) Non-dairy milk (e.g., soy, oat, almond, rice) <0.001								
1	None	207 (20.7)	286 (28.0)	266 (26.4)	134 (13.4)	103 (10.1)	157 (15.4)	197 (19.2)
2	Low	475 (47.5)	506 (49.5)	512 (50.9)	448 (44.8)	490 (48.3)	430 (42.1)	505 (49.2)
3	Medium	238 (23.8)	189 (18.5)	187 (18.6)	365 (36.5)	324 (31.9)	340 (33.3)	251 (24.5)
4	High	80 (8.0)	41 (4.0)	41 (4.1)	53 (5.3)	98 (9.7)	94 (9.2)	73 (7.1)
[C5]: Where do you shop for your/your family's food? [MULTISELECT] [COUNTRY-SPECIFIC FOOD BEHAVIORS]								
0	Unchecked	–	–	–	–	–	–	–
1	Checked	–	–	–	–	–	–	–
[C5r1=1]	Grocery store/supermarket/hypermarket (chain)	645 (64.5)	682 (66.7)	703 (69.9)	766 (76.6)	452 (44.5)	601 (58.9)	713 (69.5)
[C5r2=1]	Grocery store/supermarket/hypermarket (local)	535 (53.5)	447 (43.7)	456 (45.3)	782 (78.2)	543 (53.5)	628 (61.5)	732 (71.3)

[C5r3=1]	Mass merchandiser/club store (e.g., Sam's Club, Costco) [SHOW IF UNITED STATES]	421 (42.1)	0 (NaN)	0 (NaN)	0 (NaN)	0 (NaN)	0 (NaN)	0 (NaN)
[C5r4=1]	Online/delivery app	181 (18.1)	242 (23.7)	121 (12.0)	150 (15.0)	351 (34.6)	363 (35.6)	287 (28.0)
[C5r5=1]	Convenience store	168 (16.8)	200 (19.6)	168 (16.7)	404 (40.4)	658 (64.8)	676 (66.2)	187 (18.2)
[C5r6=1]	Farmer's market	176 (17.6)	93 (9.1)	234 (23.3)	239 (23.9)	185 (18.2)	307 (30.1)	252 (24.6)
[C5r7=1]	Specialty stores (e.g., deli, cheese store, butcher)	165 (16.5)	118 (11.5)	295 (29.3)	210 (21.0)	240 (23.6)	414 (40.5)	376 (36.6)
[C5r8=1]	Wet market [SHOW IF ASIA]	0 (NaN)	0 (NaN)	0 (NaN)	231 (23.1)	777 (76.6)	726 (71.1)	0 (NaN)
[C5r9=1]	Mom-and-pop store/small neighborhood store	97 (9.7)	97 (9.5)	181 (18.0)	132 (13.2)	582 (57.3)	484 (47.4)	492 (48.0)
[C5r10=1]	Grow my own food	127 (12.7)	123 (12.0)	146 (14.5)	159 (15.9)	188 (18.5)	310 (30.4)	116 (11.3)
[C5r11=1]	Other (Please specify):	15 (1.5)	3 (0.3)	19 (1.9)	33 (3.3)	6 (0.6)	1 (0.1)	9 (0.9)
[C5r12=1]	None of these	13 (1.3)	12 (1.2)	9 (0.9)	11 (1.1)	17 (1.7)	11 (1.1)	4 (0.4)
[C6]: Where do you typically find information about food, health and nutrition? [SINGLE SELECT] [GENERAL NUTRITION RESOURCE BEHAVIOR]								
0	Unchecked	–	–	–	–	–	–	–
1	Checked	–	–	–	–	–	–	–
[C6r1=1]	Local/National television news	141 (14.1)	158 (15.5)	187 (18.6)	319 (31.9)	290 (28.6)	261 (25.6)	404 (39.4)
[C6r2=1]	Local/National online news	138 (13.8)	144 (14.1)	101 (10.0)	192 (19.2)	258 (25.4)	246 (24.1)	359 (35.0)
[C6r3=1]	Friends and family	263 (26.3)	217 (21.2)	295 (29.3)	292 (29.2)	355 (35.0)	346 (33.9)	408 (39.8)
[C6r4=1]	YouTube	202 (20.2)	156 (15.3)	141 (14.0)	182 (18.2)	505 (49.8)	528 (51.7)	498 (48.5)
[C6r5=1]	Facebook	173 (17.3)	104 (10.2)	99 (9.8)	51 (5.1)	281 (27.7)	442 (43.3)	276 (26.9)
[C6r6=1]	Instagram	113 (11.3)	72 (7.0)	66 (6.6)	99 (9.9)	296 (29.2)	180 (17.6)	289 (28.2)
[C6r7=1]	Twitter	78 (7.8)	57 (5.6)	42 (4.2)	124 (12.4)	133 (13.1)	141 (13.8)	101 (9.8)
[C6r8=1]	LINE [IF JAPAN, THAILAND, INDONESIA]	0 (NaN)	0 (NaN)	0 (NaN)	69 (6.9)	55 (5.4)	201 (19.7)	0 (NaN)
[C6r9=1]	Tik Tok	99 (9.9)	61 (6.0)	45 (4.5)	34 (3.4)	154 (15.2)	216 (21.2)	146 (14.2)
[C6r10=1]	WhatsApp	66 (6.6)	57 (5.6)	42 (4.2)	8 (0.8)	190 (18.7)	70 (6.9)	157 (15.3)
[C6r11=1]	Food magazines	201 (20.1)	157 (15.4)	149 (14.8)	154 (15.4)	278 (27.4)	251 (24.6)	245 (23.9)

[C6r12=1]	Health/lifestyle magazines	199 (19.9)	152 (14.9)	210 (20.9)	124 (12.4)	332 (32.7)	273 (26.7)	338 (32.9)
[C6r13=1]	Physical cookbooks	160 (16.0)	146 (14.3)	144 (14.3)	222 (22.2)	203 (20.0)	300 (29.4)	276 (26.9)
[C6r14=1]	Celebrity chefs	91 (9.1)	109 (10.7)	97 (9.6)	35 (3.5)	135 (13.3)	177 (17.3)	182 (17.7)
[C6r15=1]	Cooking shows	193 (19.3)	205 (20.1)	197 (19.6)	326 (32.6)	369 (36.4)	419 (41.0)	364 (35.5)
[C6r16=1]	Cooks/chefs (not celebrities)	89 (8.9)	95 (9.3)	102 (10.1)	43 (4.3)	139 (13.7)	158 (15.5)	199 (19.4)
[C6r17=1]	Registered dietician/nutritionist/family doctor	165 (16.5)	103 (10.1)	185 (18.4)	114 (11.4)	307 (30.2)	197 (19.3)	480 (46.8)
[C6r18=1]	Online recipe sites	227 (22.7)	180 (17.6)	187 (18.6)	238 (23.8)	307 (30.2)	308 (30.2)	378 (36.8)
[C6r19=1]	Food or health/lifestyle blogs	154 (15.4)	114 (11.2)	95 (9.4)	135 (13.5)	404 (39.8)	319 (31.2)	320 (31.2)
[C6r20=1]	National government dietary guidelines	134 (13.4)	148 (14.5)	98 (9.7)	61 (6.1)	145 (14.3)	195 (19.1)	102 (9.9)
[C6r21=1]	World Health Organization (WHO)	116 (11.6)	88 (8.6)	118 (11.7)	48 (4.8)	213 (21.0)	250 (24.5)	278 (27.1)
[C6r22=1]	National government food programs	95 (9.5)	98 (9.6)	68 (6.8)	27 (2.7)	140 (13.8)	159 (15.6)	124 (12.1)
[C6r23=1]	Nonprofit/Non-governmental organizations (NGO)	70 (7.0)	39 (3.8)	53 (5.3)	14 (1.4)	74 (7.3)	109 (10.7)	90 (8.8)
[C6r24=1]	Search engines (Google, Yahoo, etc.)	268 (26.8)	268 (26.2)	248 (24.7)	379 (37.9)	518 (51.0)	378 (37.0)	447 (43.6)
[C6r25=1]	Other (Please specify):	25 (2.5)	21 (2.1)	16 (1.6)	17 (1.7)	5 (0.5)	2 (0.2)	7 (0.7)
[C6r26=1]	None of the above	137 (13.7)	211 (20.6)	178 (17.7)	135 (13.5)	31 (3.1)	21 (2.1)	29 (2.8)
Section 5: Additional demographics and psychographics								
[A1]: Please rate the degree to which you agree or disagree with the following statements: [SINGLE SELECT PER ROW] [HEALTH AWARENESS]								
1	1-Strongly disagree	–	–	–	–	–	–	–
2	2	–	–	–	–	–	–	–
3	3	–	–	–	–	–	–	–
4	4-Neither agree nor disagree	–	–	–	–	–	–	–
5	5	–	–	–	–	–	–	–
6	6	–	–	–	–	–	–	–
7	7-Strongly Agree	–	–	–	–	–	–	–
[A1r1]	If I take care of myself, I can avoid illness	5.25 (1.36)	4.93 (1.40)	5.21 (1.34)	4.17 (1.38)	6.04 (1.15)	5.89 (1.28)	6.38 (1.07)

[A1r2]	Whenever I get sick, it is because of something I've done or not done	4.42 (1.61)	4.04 (1.62)	4.10 (1.52)	4.23 (1.30)	5.37 (1.33)	5.32 (1.39)	4.49 (1.89)
[A1r3]	Good health is largely a matter of good fortune	4.13 (1.83)	4.19 (1.61)	3.81 (1.67)	3.78 (1.50)	4.96 (1.92)	4.32 (2.09)	2.84 (2.01)
[A1r4]	No matter what I do, if I am going to get sick I will get sick	4.13 (1.77)	4.30 (1.55)	4.44 (1.54)	5.18 (1.29)	3.83 (1.97)	4.62 (1.71)	2.93 (1.99)
[A1r5]	Most people do not realize the extent to which their illnesses are controlled by accidental happenings	4.70 (1.47)	4.62 (1.28)	4.49 (1.23)	4.72 (1.14)	5.58 (1.32)	4.66 (1.85)	5.03 (1.62)
[A1r6]	I can only do what my doctor tells me to do	3.96 (1.92)	3.88 (1.74)	3.85 (1.67)	3.37 (1.35)	4.63 (1.58)	4.70 (1.70)	4.03 (1.94)
[A1r7]	There are so many strange diseases around that you can never know how or when you might pick one up	5.09 (1.44)	5.02 (1.41)	5.12 (1.38)	5.60 (1.19)	5.62 (1.46)	5.61 (1.34)	5.51 (1.64)
[A1r8]	When I feel ill, I know it is because I have not been getting the proper exercise or eating right	4.51 (1.65)	4.19 (1.64)	4.14 (1.61)	4.46 (1.25)	5.70 (1.34)	5.61 (1.30)	5.31 (1.60)
[A1r9]	People who never get sick are just plain lucky	4.18 (1.82)	4.40 (1.66)	4.00 (1.71)	3.93 (1.48)	4.80 (1.96)	4.31 (2.10)	3.23 (2.13)
[A1r10]	People's ill health results from their own carelessness	4.57 (1.62)	4.11 (1.60)	4.11 (1.59)	3.99 (1.39)	5.69 (1.35)	5.57 (1.34)	5.46 (1.58)
[A1r11]	I am directly responsible for my health	5.84 (1.27)	5.74 (1.20)	5.57 (1.26)	5.15 (1.30)	6.39 (1.00)	6.05 (1.23)	6.28 (1.10)
[A2]: Please rate how each of the statements is true or untrue of you: [SINGLE SELECT PER ROW] [SOCIAL RELATIONSHIP]								
1	1-Extremely untrue of me	–	–	–	–	–	–	–
2	2	–	–	–	–	–	–	–
3	3	–	–	–	–	–	–	–
4	4-Neither true nor untrue of me	–	–	–	–	–	–	–
5	5	–	–	–	–	–	–	–
6	6	–	–	–	–	–	–	–
7	7-Extremely true of me	–	–	–	–	–	–	–
[A2r1]	It bothers me when other people neglect my needs	4.41 (1.66)	4.24 (1.55)	4.01 (1.54)	4.80 (1.23)	4.20 (1.68)	4.14 (1.63)	4.48 (1.87)
[A2r2]	When making a decision, I take other people's needs and feelings into account	5.12 (1.42)	5.11 (1.39)	4.73 (1.49)	4.90 (1.11)	5.53 (1.31)	5.11 (1.35)	5.46 (1.56)

[A2r3]	I'm not especially sensitive to other people's feelings	3.57 (1.88)	3.33 (1.77)	3.36 (1.74)	3.67 (1.40)	3.51 (1.83)	4.36 (1.59)	3.08 (2.03)
[A2r4]	I don't consider myself to be a particularly helpful person	3.37 (1.87)	3.21 (1.75)	3.28 (1.77)	4.12 (1.40)	4.13 (1.67)	4.03 (1.68)	2.81 (2.01)
[A2r5]	I believe people should go out of their way to be helpful	5.13 (1.43)	5.10 (1.39)	5.18 (1.23)	4.64 (1.13)	5.41 (1.35)	5.17 (1.31)	5.55 (1.53)
[A2r6]	I don't especially enjoy giving others aid	3.38 (1.85)	3.29 (1.70)	2.82 (1.61)	3.89 (1.38)	2.83 (1.86)	3.79 (1.72)	2.18 (1.76)
[A2r7]	I expect people I know to be responsive to my needs and feelings	4.48 (1.63)	4.30 (1.48)	4.14 (1.50)	4.46 (1.13)	4.79 (1.62)	4.64 (1.52)	4.58 (1.78)
[A2r8]	I often go out of my way to help another person	5.17 (1.43)	5.06 (1.42)	5.18 (1.32)	4.19 (1.26)	5.48 (1.29)	5.27 (1.29)	5.78 (1.38)
[A2r9]	I believe it's best not to get involved in taking care of other people's personal needs	4.00 (1.74)	3.71 (1.59)	3.54 (1.63)	4.43 (1.18)	4.94 (1.60)	4.72 (1.56)	3.16 (1.90)
[A2r10]	I'm not the sort of person who often comes to the aid of others	3.60 (1.92)	3.37 (1.76)	3.00 (1.74)	3.72 (1.40)	3.08 (1.85)	3.57 (1.79)	2.89 (1.94)
[A2r11]	When I have a need, I turn to others I know for help	4.47 (1.65)	4.31 (1.57)	3.68 (1.55)	4.81 (1.19)	4.83 (1.57)	4.73 (1.47)	4.93 (1.70)
[A2r12]	When people get emotionally upset, I tend to avoid them	4.05 (1.75)	3.56 (1.77)	3.94 (1.56)	4.58 (1.19)	5.31 (1.47)	5.27 (1.52)	3.07 (1.89)
[A2r13]	People should keep their troubles to themselves	3.95 (1.72)	3.53 (1.72)	3.75 (1.55)	3.75 (1.29)	4.18 (1.82)	4.24 (1.63)	3.32 (1.96)
[A2r14]	When I have a need that others ignore, I'm hurt	4.47 (1.63)	4.42 (1.57)	3.96 (1.69)	4.73 (1.25)	3.92 (1.78)	4.69 (1.48)	4.49 (1.92)
[A3]: Have you ever been diagnosed by a medical professional with any of the following health issues? [SINGLE SELECT PER ROW]] [HEALTH ISSUE]								
0	Unchecked	–	–	–	–	–	–	–
1	Checked	–	–	–	–	–	–	–
[A3r1=1]	Hypertension (high blood pressure)	284 (28.4)	215 (21.0)	186 (18.5)	213 (21.3)	159 (15.7)	239 (23.4)	228 (22.2)
[A3r2=1]	Heart disease	77 (7.7)	58 (5.7)	71 (7.1)	44 (4.4)	34 (3.3)	89 (8.7)	47 (4.6)
[A3r3=1]	Stroke	37 (3.7)	23 (2.3)	32 (3.2)	11 (1.1)	25 (2.5)	57 (5.6)	16 (1.6)
[A3r4=1]	Kidney disease/kidney stones	62 (6.2)	42 (4.1)	45 (4.5)	40 (4.0)	34 (3.3)	85 (8.3)	74 (7.2)
[A3r5=1]	Stomach cancer	26 (2.6)	22 (2.2)	13 (1.3)	15 (1.5)	13 (1.3)	55 (5.4)	11 (1.1)
[A3r6=1]	Something else	84 (8.4)	99 (9.7)	60 (6.0)	75 (7.5)	64 (6.3)	40 (3.9)	72 (7.0)
[A3r7=1]	None of these/not applicable	592 (59.2)	679 (66.4)	696 (69.2)	674 (67.4)	751 (74.0)	672 (65.8)	672 (65.5)
[A4]: Do you currently live with a family member who has been diagnosed by a medical professional with any of the following health issues? [SINGLE SELECT PER ROW] [FAMILY HEALTH ISSUE]								
0	Unchecked	–	–	–	–	–	–	–

1	Checked	–	–	–	–	–	–	–
[A4r1=1]	Hypertension (high blood pressure)	204 (20.4)	129 (12.6)	159 (15.8)	190 (19.0)	237 (23.3)	347 (34.0)	357 (34.8)
[A4r2=1]	Heart disease	82 (8.2)	54 (5.3)	60 (6.0)	44 (4.4)	60 (5.9)	98 (9.6)	90 (8.8)
[A4r3=1]	Stroke	54 (5.4)	36 (3.5)	32 (3.2)	20 (2.0)	55 (5.4)	59 (5.8)	25 (2.4)
[A4r4=1]	Kidney disease/kidney stones	58 (5.8)	24 (2.3)	33 (3.3)	16 (1.6)	35 (3.4)	86 (8.4)	90 (8.8)
[A4r5=1]	Stomach cancer	16 (1.6)	18 (1.8)	12 (1.2)	12 (1.2)	10 (1.0)	45 (4.4)	16 (1.6)
[A4r6=1]	Something else	39 (3.9)	28 (2.7)	24 (2.4)	35 (3.5)	40 (3.9)	26 (2.5)	24 (2.3)
[A4r7=1]	None of these/not applicable	680 (68.0)	813 (79.5)	766 (76.1)	746 (74.6)	665 (65.5)	555 (54.4)	581 (56.6)
[A5]: How is your health, in general? [SINGLE SELECT] [HEALTH CONDITION]								
1	Very poor	18 (1.8)	21 (2.1)	8 (0.8)	17 (1.7)	5 (0.5)	9 (0.9)	7 (0.7)
2	Poor	42 (4.2)	77 (7.5)	92 (9.1)	164 (16.4)	19 (1.9)	52 (5.1)	21 (2.0)
3	Fair	243 (24.3)	398 (38.9)	400 (39.8)	549 (54.9)	177 (17.4)	427 (41.8)	226 (22.0)
4	Good	474 (47.4)	401 (39.2)	418 (41.6)	219 (21.9)	552 (54.4)	428 (41.9)	512 (49.9)
5	Very good	223 (22.3)	125 (12.2)	88 (8.7)	51 (5.1)	262 (25.8)	105 (10.3)	260 (25.3)
[A6]: Which of the following best describes your current dietary preferences or habits? [SINGLE SELECT] [DIETARY PREFERENCES/HABITS]								
1	Vegan (do not eat meat/animal by-products)	24 (2.4)	20 (2.0)	11 (1.1)	4 (0.4)	19 (1.9)	41 (4.0)	16 (1.6)
2	Vegetarian (do not eat meat)	37 (3.7)	51 (5.0)	30 (3.0)	6 (0.6)	23 (2.3)	46 (4.5)	25 (2.4)
3	Pescatarian (do not eat meat except fish)	25 (2.5)	22 (2.2)	20 (2.0)	3 (0.3)	18 (1.8)	41 (4.0)	22 (2.1)
4	Flexitarian (eat meat on occasion)	141 (14.1)	165 (16.1)	193 (19.2)	46 (4.6)	104 (10.2)	197 (19.3)	330 (32.2)
5	Macrobiotic (reduced animal products, eat locally gown)	33 (3.3)	25 (2.4)	61 (6.1)	18 (1.8)	37 (3.6)	83 (8.1)	87 (8.5)
6	Kosher	21 (2.1)	7 (0.7)	6 (0.6)	2 (0.2)	150 (14.8)	6 (0.6)	8 (0.8)
7	Halal	36 (3.6)	42 (4.1)	44 (4.4)	2 (0.2)	451 (44.4)	43 (4.2)	8 (0.8)
8	Something else	35 (3.5)	27 (2.6)	8 (0.8)	11 (1.1)	9 (0.9)	9 (0.9)	16 (1.6)
9	I do not restrict my diet or what I eat	648 (64.8)	663 (64.9)	633 (62.9)	908 (90.8)	204 (20.1)	555 (54.4)	514 (50.1)
[A7]: Which of the following best describes the area where you live? [SINGLE SELECT] [RESIDENTIAL AREA]								

1	Central urban area (in the heart of a city or town)	181 (18.1)	171 (16.7)	257 (25.5)	185 (18.5)	317 (31.2)	402 (39.4)	807 (78.7)
2	Urban area (not in the heart of a city or town but still within an urban area)	206 (20.6)	189 (18.5)	292 (29.0)	245 (24.5)	360 (35.5)	320 (31.3)	130 (12.7)
3	Suburban area (edge of a city or town)	439 (43.9)	455 (44.5)	112 (11.1)	380 (38.0)	158 (15.6)	160 (15.7)	44 (4.3)
4	Semi-rural area (a rural area but with some other houses and shops)	83 (8.3)	138 (13.5)	186 (18.5)	154 (15.4)	149 (14.7)	93 (9.1)	22 (2.1)
5	Rural area (little or no other houses or shops, mainly farmland)	91 (9.1)	69 (6.8)	159 (15.8)	36 (3.6)	31 (3.1)	46 (4.5)	23 (2.2)
[A8]: Which of the following best describes your situation? [SINGLE SELECT] [FAMILY STRUCTURE]								
1	I do not have any children	333 (33.3)	404 (39.5)	373 (37.1)	421 (42.1)	300 (29.6)	253 (24.8)	333 (32.5)
2	I have children living at home and all children are under 10	149 (14.9)	123 (12.0)	98 (9.7)	76 (7.6)	249 (24.5)	215 (21.1)	204 (19.9)
3	I have children living at home and at least one child is aged 10 or over	218 (21.8)	180 (17.6)	205 (20.4)	241 (24.1)	326 (32.1)	255 (25.0)	233 (22.7)
4	I have children but they do not live with me	74 (7.4)	53 (5.2)	101 (10.0)	106 (10.6)	12 (1.2)	120 (11.8)	96 (9.4)
5	I have children but they've grown up and no longer live with me full time	201 (20.1)	238 (23.3)	201 (20.0)	139 (13.9)	58 (5.7)	119 (11.7)	75 (7.3)
6	Other	17 (1.7)	14 (1.4)	18 (1.8)	12 (1.2)	42 (4.1)	18 (1.8)	71 (6.9)
7	Prefer not to say	8 (0.8)	10 (1.0)	10 (1.0)	5 (0.5)	28 (2.8)	41 (4.0)	14 (1.4)

Supplementary table 3: Regression results

			United States	United Kingdom	France	Japan	Indonesia	Thailand	Brazil
(Intercept)			-0.739*(-1.270, -0.208)	-0.108 (-0.572, 0.356)	-0.668 (-1.460, 0.125)	-1.286 (-2.901, 0.329)	-0.037 (-0.588, 0.514)	-1.378*(-2.223, -0.532)	1.713*(0.541, 2.884)
Variable number	Variable group	answer							
D1_1	GENDER	Male			Reference	Reference			
D1_2	GENDER	Female			-0.123*(-0.237, -0.008)	-0.062 (-0.190, 0.066)			
D1_3	GENDER	Non-binary				-0.904 (-2.190, 0.383)			
D2_1	GENERATION	Gen Z (18-24)				Reference		Reference	
D2_2	GENERATION	Millennial (25-40)				0.084 (-0.164, 0.331)		-0.002 (-0.186, 0.182)	
D2_3	GENERATION	Gen X (41-56)				0.320*(0.074, 0.566)		0.108 (-0.076, 0.292)	
D2_4	GENERATION	Boomer (57-75)				0.272*(0.004, 0.539)		0.023 (-0.173, 0.219)	
D2_5	GENERATION	Silent/Greatest (76+)				0.313 (-0.083, 0.708)		0.541*(0.036, 1.046)	
D4_1	EDUCATION	Grade school or less (Grade 1-8)				Reference		Reference	
D4_2	EDUCATION	Some high school (Grade 9-11)				0.190 (-0.423, 0.802)		0.061 (-0.321, 0.443)	
D4_3	EDUCATION	Graduated high school (Grade 12)				0.068 (-0.366, 0.503)		0.296 (-0.059, 0.651)	
D4_4	EDUCATION	Vocational school/technical school				0.258 (-0.196, 0.712)		0.099 (-0.265, 0.464)	
D4_5	EDUCATION	Some college				0.297 (-0.215, 0.810)		0.123 (-0.264, 0.511)	
D4_6	EDUCATION	Graduated college				0.210 (-0.223, 0.643)		0.243 (-0.104, 0.590)	
D4_7	EDUCATION	Post-graduate degree				0.162 (-0.344, 0.669)		0.356 (-0.054, 0.766)	
D4_8	EDUCATION	Prefer not to answer				0.119 (-0.786, 1.024)		0.262 (-0.384, 0.907)	
D5_1	INCOME	Lower				Reference			
D5_2	INCOME	Higher				-0.092 (-0.214, 0.031)			
D5_3	INCOME	Unknown				0.102 (-0.305, 0.509)			
D6r3_0	JOB	Unchecked			Reference		Reference		Reference

D6r3_1	JOB	Checked			0.678*(0.229, 1.127)		-0.128 (-0.373, 0.116)	-0.065 (-0.292, 0.163)
D6r4_0	JOB	Unchecked				Reference		
D6r4_1	JOB	Checked				-0.119 (-0.396, 0.159)		
D6r5_0	JOB	Unchecked				Reference		
D6r5_1	JOB	Checked				0.792*(0.300, 1.283)		
D6r7_0	JOB	Unchecked					Reference	
D6r7_1	JOB	Checked					0.098 (-0.079, 0.274)	
P1_1	GENERAL FOOD/MEALS BEHAVIOR	I make decisions about what meals I or my family eats					Reference	
P1_2	GENERAL FOOD/MEALS BEHAVIOR	I share responsibility for the meals my family eats					-0.157*(-0.286, -0.027)	
P1_3	GENERAL FOOD/MEALS BEHAVIOR	Someone else in my household decides what my family eats					-0.134 (-0.428, 0.160)	
P2r1	GENERAL FOOD ATTITUDE & HABITS	num				0.030 (-0.033, 0.093)		
P2r2	GENERAL FOOD ATTITUDE & HABITS	num						0.052 (-0.010, 0.114)
P2r3	GENERAL FOOD ATTITUDE & HABITS	num						0.026 (-0.024, 0.076)
P2r4	GENERAL FOOD ATTITUDE & HABITS	num				0.027 (-0.035, 0.089)	0.028 (-0.021, 0.078)	
P2r5	GENERAL FOOD ATTITUDE & HABITS	num				0.014 (-0.022, 0.050)		
P2r6	GENERAL FOOD ATTITUDE & HABITS	num		0.019 (-0.029, 0.068)		0.065*(0.012, 0.118)		
P2r7	GENERAL FOOD ATTITUDE & HABITS	num				0.066*(0.011, 0.121)		
P2r8	GENERAL FOOD ATTITUDE & HABITS	num			0.032 (-0.022, 0.086)			0.058*(0.006, 0.110)
P2r9	GENERAL FOOD ATTITUDE & HABITS	num		0.020 (-0.020, 0.060)				
P2r10	GENERAL FOOD ATTITUDE & HABITS	num				-0.091*(-0.145, -0.036)		-0.057*(-0.103, -0.011)
P3r1	GENERAL FOOD BEHAVIOR	num						0.033 (-0.030, 0.095)
P3r2	GENERAL FOOD BEHAVIOR	num		0.048 (-0.007, 0.102)	0.035 (-0.019, 0.089)	0.049 (-0.002, 0.100)	0.042 (-0.016, 0.100)	0.048 (-0.013, 0.110)
P3r4	GENERAL FOOD BEHAVIOR	num			-0.036*(-0.071, -0.000)	0.024 (-0.031, 0.079)		
P3r5	GENERAL FOOD BEHAVIOR	num	0.044*(0.002, 0.085)		0.061*(0.016, 0.106)			0.024 (-0.034, 0.081)
P3r6	GENERAL FOOD BEHAVIOR	num				-0.061*(-0.117, -0.005)		

P3r7	GENERAL FOOD BEHAVIOR	num					0.055*(0.007, 0.103)	0.029 (-0.020, 0.077)		0.033 (-0.004, 0.069)
P4r1	GENERAL FOOD/NUTRITION ATTITUDE	num	0.011 (-0.054, 0.075)				0.034 (-0.037, 0.106)		0.020 (-0.040, 0.080)	0.024 (-0.023, 0.071)
P4r2	GENERAL FOOD/NUTRITION ATTITUDE	num							0.013 (-0.048, 0.073)	
P4r3	GENERAL FOOD/NUTRITION ATTITUDE	num		0.025 (-0.032, 0.083)	0.090*(0.033, 0.146)				0.018 (-0.036, 0.072)	0.092*(0.040, 0.144)
P4r4	GENERAL FOOD/NUTRITION ATTITUDE	num					0.049 (-0.019, 0.117)			
P4r5	GENERAL FOOD/NUTRITION ATTITUDE	num	0.116*(0.052, 0.179)	0.113*(0.057, 0.169)			0.029 (-0.034, 0.091)	0.091*(0.034, 0.148)		
P4r6	GENERAL FOOD/NUTRITION ATTITUDE	num					0.056 (-0.006, 0.118)	0.029 (-0.033, 0.090)		-0.088*(-0.142, -0.034)
P4r7	GENERAL FOOD/NUTRITION ATTITUDE	num					0.027 (-0.041, 0.095)			
P4r8	GENERAL FOOD/NUTRITION ATTITUDE	num			0.030 (-0.025, 0.084)			0.049 (-0.008, 0.107)		
P4r9	GENERAL FOOD/NUTRITION ATTITUDE	num								0.063*(0.008, 0.118)
P5r1	GENERAL FOOD PREFERENCES	num								0.030 (-0.023, 0.084)
P5r2	GENERAL FOOD PREFERENCES	num	0.063*(0.014, 0.112)		0.073*(0.011, 0.135)		0.076*(0.017, 0.134)			
P5r3	GENERAL FOOD PREFERENCES	num					-0.040 (-0.105, 0.025)			
P5r4	GENERAL FOOD PREFERENCES	num		-0.075*(-0.140, -0.010)	-0.035 (-0.091, 0.021)					
P5r5	GENERAL FOOD PREFERENCES	num								-0.025 (-0.074, 0.025)
P6r2	GENERAL FOOD/NUTRITION ATTITUDES	num	0.206*(0.147, 0.265)	0.172*(0.108, 0.235)	0.256*(0.195, 0.317)		0.174*(0.111, 0.236)	0.071*(0.012, 0.131)	0.253*(0.193, 0.314)	0.220*(0.163, 0.278)
P6r3	GENERAL FOOD/NUTRITION ATTITUDES	num	0.061*(0.005, 0.118)	0.098*(0.030, 0.166)	0.027 (-0.030, 0.083)			0.040 (-0.020, 0.100)	0.054 (-0.001, 0.109)	0.212*(0.157, 0.266)
P6r4	GENERAL FOOD/NUTRITION ATTITUDES	num	0.166*(0.099, 0.232)	0.149*(0.082, 0.215)	0.204*(0.146, 0.263)		0.172*(0.098, 0.246)	0.113*(0.047, 0.178)	0.029 (-0.035, 0.094)	0.144*(0.086, 0.201)
P6r5	GENERAL FOOD/NUTRITION ATTITUDES	num	0.104*(0.047, 0.161)	0.040 (-0.012, 0.092)	0.118*(0.067, 0.169)		0.085*(0.028, 0.142)	0.192*(0.136, 0.248)	0.083*(0.026, 0.140)	0.101*(0.051, 0.150)
P6r6	GENERAL FOOD/NUTRITION ATTITUDES	num		0.025 (-0.014, 0.064)			0.091*(0.031, 0.152)	0.053 (-0.001, 0.106)		
P6r7	GENERAL FOOD/NUTRITION ATTITUDES	num		0.136*(0.073, 0.200)	0.069*(0.010, 0.127)			0.082*(0.022, 0.142)	0.115*(0.062, 0.168)	0.043 (-0.008, 0.093)
P6r8	GENERAL FOOD/NUTRITION ATTITUDES	num	0.064*(0.000, 0.128)	0.080*(0.021, 0.139)	0.041 (-0.016, 0.098)				0.039 (-0.026, 0.103)	
P6r9	GENERAL FOOD/NUTRITION ATTITUDES	num	0.104*(0.039, 0.170)		0.021 (-0.036, 0.078)		0.072*(0.008, 0.135)		0.134*(0.071, 0.198)	0.122*(0.063, 0.181)
P6r10	GENERAL FOOD/NUTRITION ATTITUDES	num	0.041 (-0.018, 0.100)	0.099*(0.044, 0.154)			0.110*(0.045, 0.175)	0.149*(0.089, 0.209)	0.056*(0.003, 0.110)	0.024 (-0.014, 0.061)
P7r1_2	SODIUM/SALT KNOWLEDGE	FALSE			0.138 (-0.043, 0.319)		0.187*(0.017, 0.357)			0.105 (-0.035, 0.244)

P7r2_1	SODIUM/SALT KNOWLEDGE	TRUE				Reference			
P7r2_2	SODIUM/SALT KNOWLEDGE	FALSE				-0.125 (-0.358, 0.108)			
P7r3_1	SODIUM/SALT KNOWLEDGE	TRUE		Reference					
P7r3_2	SODIUM/SALT KNOWLEDGE	FALSE		-0.119 (-0.248, 0.009)					
P7r4_1	SODIUM/SALT KNOWLEDGE	TRUE					Reference		
P7r4_2	SODIUM/SALT KNOWLEDGE	FALSE					-0.118 (-0.343, 0.106)		
P7r5_1	SODIUM/SALT KNOWLEDGE	TRUE				Reference	Reference		Reference
P7r5_2	SODIUM/SALT KNOWLEDGE	FALSE				-0.133 (-0.333, 0.066)	-0.100 (-0.322, 0.122)		-0.331*(-0.512, -0.149)
P7r6_1	SODIUM/SALT KNOWLEDGE	TRUE			Reference				
P7r6_2	SODIUM/SALT KNOWLEDGE	FALSE			0.160*(0.015, 0.305)				
P7r7_1	SODIUM/SALT KNOWLEDGE	TRUE		Reference	Reference	Reference	Reference	Reference	Reference
P7r7_2	SODIUM/SALT KNOWLEDGE	FALSE		0.201*(0.070, 0.333)	0.233*(0.093, 0.372)	0.097 (-0.033, 0.228)	0.172*(0.012, 0.333)	0.094 (-0.019, 0.207)	0.083 (-0.080, 0.245)
P7r8_1	SODIUM/SALT KNOWLEDGE	TRUE				Reference	Reference	Reference	Reference
P7r8_2	SODIUM/SALT KNOWLEDGE	FALSE				0.133*(0.019, 0.247)	0.098 (-0.056, 0.251)	0.116*(0.004, 0.228)	0.130*(0.015, 0.244)
P7r9_1	SODIUM/SALT KNOWLEDGE	TRUE					Reference		
P7r9_2	SODIUM/SALT KNOWLEDGE	FALSE					-0.030 (-0.146, 0.086)		
P8	SODIUM ATTITUDES/BEHAVIORS	num					0.013 (-0.033, 0.058)	-0.052*(-0.087, -0.016)	
P9c1_1	SODIUM KNOWLEDGE_1	Less than 1,000 mg/day						Reference	
P9c1_2	SODIUM KNOWLEDGE_1	1,000-1,999 mg/day						0.023 (-0.130, 0.176)	
P9c1_3	SODIUM KNOWLEDGE_1	2,000-5,999 mg/day						-0.001 (-0.176, 0.173)	
P9c1_4	SODIUM KNOWLEDGE_1	6,000-8,999 mg/day						-0.223 (-0.504, 0.059)	
P9c1_5	SODIUM KNOWLEDGE_1	9,000-10,999 mg/day						0.025 (-0.269, 0.320)	
P9c1_6	SODIUM KNOWLEDGE_1	11,000-12,999 mg/day						0.176 (-0.213, 0.564)	
P9c1_7	SODIUM KNOWLEDGE_1	13,000-14,999 mg/day						0.103 (-0.466, 0.672)	
P9c1_8	SODIUM KNOWLEDGE_1	15,000 or more mg/day						0.025 (-0.800, 0.850)	

P9c1_9	SODIUM KNOWLEDGE_1	Don't know/not sure	-0.234*(-0.387, -0.081)	
P9c2_1	SODIUM KNOWLEDGE_1	Less than 1,000 mg/day		Reference
P9c2_2	SODIUM KNOWLEDGE_1	1,000-1,999 mg/day		-0.032 (-0.210, 0.146)
P9c2_3	SODIUM KNOWLEDGE_1	2,000-5,999 mg/day		-0.201*(-0.394, -0.009)
P9c2_4	SODIUM KNOWLEDGE_1	6,000-8,999 mg/day		-0.080 (-0.368, 0.207)
P9c2_5	SODIUM KNOWLEDGE_1	9,000-10,999 mg/day		-0.072 (-0.510, 0.366)
P9c2_6	SODIUM KNOWLEDGE_1	11,000-12,999 mg/day		0.105 (-0.391, 0.601)
P9c2_7	SODIUM KNOWLEDGE_1	13,000-14,999 mg/day		-0.510 (-1.273, 0.253)
P9c2_8	SODIUM KNOWLEDGE_1	15,000 or more mg/day		0.781 (-0.047, 1.608)
P9c2_9	SODIUM KNOWLEDGE_1	Don't know/not sure		0.041 (-0.115, 0.197)
P10c1_1	SODIUM KNOWLEDGE_2	Less than a gram to 2.49 grams/day	Reference	
P10c1_2	SODIUM KNOWLEDGE_2	2.5-5 grams/day	-0.514*(-0.844, -0.183)	
P10c1_3	SODIUM KNOWLEDGE_2	5.1-7.49 grams/day	-0.327 (-0.712, 0.059)	
P10c1_4	SODIUM KNOWLEDGE_2	7.5-9.49 grams/day	-0.264 (-0.686, 0.158)	
P10c1_5	SODIUM KNOWLEDGE_2	9.5-11.49 grams/day	-0.444 (-0.920, 0.033)	
P10c1_6	SODIUM KNOWLEDGE_2	11.5-13.49 grams/day	-0.636 (-1.426, 0.153)	
P10c1_7	SODIUM KNOWLEDGE_2	13.5-15.49 grams/day	-1.674*(-2.927, -0.421)	
P10c1_9	SODIUM KNOWLEDGE_2	Don't know/not sure	-0.823*(-1.345, -0.301)	
P10c2_1	SODIUM KNOWLEDGE_2	Less than a gram to 2.49 grams/day	Reference	
P10c2_2	SODIUM KNOWLEDGE_2	2.5-5 grams/day	0.559*(0.262, 0.856)	
P10c2_3	SODIUM KNOWLEDGE_2	5.1-7.49 grams/day	0.316 (-0.027, 0.659)	
P10c2_4	SODIUM KNOWLEDGE_2	7.5-9.49 grams/day	0.308 (-0.075, 0.691)	
P10c2_5	SODIUM KNOWLEDGE_2	9.5-11.49 grams/day	0.438 (-0.004, 0.880)	
P10c2_6	SODIUM KNOWLEDGE_2	11.5-13.49 grams/day	0.417 (-0.305, 1.138)	
P10c2_7	SODIUM KNOWLEDGE_2	13.5-15.49 grams/day	0.017 (-0.913, 0.947)	

P10c2_9	SODIUM KNOWLEDGE_2	Don't know/not sure		0.695*(0.215, 1.174)		
l1r1	INTERVENTION_1	num	-0.003*(-0.005, -0.000)			-0.001 (-0.004, 0.001)
l1r3	INTERVENTION_3	num		0.000 (-0.002, 0.003)	0.004*(0.001, 0.008)	
l1r4	INTERVENTION_4	num				0.001 (-0.001, 0.003)
l1r5	INTERVENTION_5	num		0.002 (-0.002, 0.005)		0.006*(0.001, 0.011)
l1r6	INTERVENTION_6	num		-0.001 (-0.006, 0.004)		
l1r7	INTERVENTION_7	num				0.005*(0.000, 0.010)
C1r2_1	SODIUM KNOWLEDGE_3	None		Reference		Reference
C1r2_2	SODIUM KNOWLEDGE_3	Low		0.199 (-0.615, 1.013)		-0.377 (-0.991, 0.237)
C1r2_3	SODIUM KNOWLEDGE_3	Medium		0.124 (-0.672, 0.920)		-0.223 (-0.817, 0.371)
C1r2_4	SODIUM KNOWLEDGE_3	High		0.263 (-0.534, 1.060)		-0.201 (-0.800, 0.399)
C1r3_1	SODIUM KNOWLEDGE_3	None		Reference		Reference
C1r3_2	SODIUM KNOWLEDGE_3	Low		-0.044 (-0.463, 0.376)		-0.981*(-1.678, -0.285)
C1r3_3	SODIUM KNOWLEDGE_3	Medium		-0.153 (-0.570, 0.264)		-1.040*(-1.725, -0.356)
C1r3_4	SODIUM KNOWLEDGE_3	High		0.014 (-0.404, 0.432)		-0.964*(-1.649, -0.278)
C1r4_1	SODIUM KNOWLEDGE_3	None		Reference	Reference	Reference
C1r4_2	SODIUM KNOWLEDGE_3	Low		-0.055 (-0.253, 0.144)	-0.113 (-0.273, 0.048)	0.026 (-0.138, 0.189)
C1r4_3	SODIUM KNOWLEDGE_3	Medium		-0.076 (-0.293, 0.141)	-0.071 (-0.243, 0.100)	-0.038 (-0.229, 0.153)
C1r4_4	SODIUM KNOWLEDGE_3	High		-0.301*(-0.544, -0.058)	0.105 (-0.104, 0.314)	-0.130 (-0.342, 0.082)
C2r1_1	SODIUM KNOWLEDGE_4	None	Reference		Reference	
C2r1_2	SODIUM KNOWLEDGE_4	Low	0.549*(0.062, 1.036)		0.348*(0.109, 0.586)	
C2r1_3	SODIUM KNOWLEDGE_4	Medium	0.421 (-0.064, 0.907)		0.323*(0.081, 0.566)	
C2r1_4	SODIUM KNOWLEDGE_4	High	0.536*(0.033, 1.039)		0.376*(0.096, 0.656)	
C2r3_1	SODIUM KNOWLEDGE_4	None				Reference
C2r3_2	SODIUM KNOWLEDGE_4	Low				-0.055 (-0.220, 0.109)

C2r3_3	SODIUM KNOWLEDGE_4	Medium			-0.142 (-0.330, 0.047)
C2r3_4	SODIUM KNOWLEDGE_4	High			-0.239 (-0.515, 0.037)
C2r5_1	SODIUM KNOWLEDGE_4	None		Reference	Reference
C2r5_2	SODIUM KNOWLEDGE_4	Low		-0.136 (-0.678, 0.405)	0.269 (-0.089, 0.627)
C2r5_3	SODIUM KNOWLEDGE_4	Medium		-0.231 (-0.770, 0.307)	0.353*(0.001, 0.704)
C2r5_4	SODIUM KNOWLEDGE_4	High		-0.213 (-0.754, 0.327)	0.263 (-0.098, 0.624)
C3r1_1	SODIUM KNOWLEDGE_5	None	Reference	Reference	
C3r1_2	SODIUM KNOWLEDGE_5	Low	-0.259 (-0.810, 0.293)	-0.659*(-1.251, -0.067)	
C3r1_3	SODIUM KNOWLEDGE_5	Medium	-0.242 (-0.788, 0.305)	-0.573 (-1.154, 0.008)	
C3r1_4	SODIUM KNOWLEDGE_5	High	-0.091 (-0.641, 0.459)	-0.399 (-0.982, 0.183)	
C3r3_1	SODIUM KNOWLEDGE_5	None		Reference	
C3r3_2	SODIUM KNOWLEDGE_5	Low		0.096 (-0.086, 0.279)	
C3r3_3	SODIUM KNOWLEDGE_5	Medium		0.053 (-0.163, 0.270)	
C3r3_4	SODIUM KNOWLEDGE_5	High		0.160 (-0.218, 0.538)	
C3r4_1	SODIUM KNOWLEDGE_5	None		Reference	Reference
C3r4_2	SODIUM KNOWLEDGE_5	Low		0.671 (-0.194, 1.535)	-0.462 (-1.105, 0.181)
C3r4_3	SODIUM KNOWLEDGE_5	Medium		0.460 (-0.378, 1.298)	-0.677*(-1.305, -0.048)
C3r4_4	SODIUM KNOWLEDGE_5	High		0.326 (-0.518, 1.171)	-0.556 (-1.180, 0.068)
C3r5_1	SODIUM KNOWLEDGE_5	None	Reference	Reference	
C3r5_2	SODIUM KNOWLEDGE_5	Low	0.025 (-0.296, 0.347)	0.520*(0.109, 0.932)	
C3r5_3	SODIUM KNOWLEDGE_5	Medium	0.066 (-0.243, 0.374)	0.531*(0.120, 0.942)	
C3r5_4	SODIUM KNOWLEDGE_5	High	0.212 (-0.103, 0.527)	0.520*(0.102, 0.938)	
C3r7_1	SODIUM KNOWLEDGE_5	None		Reference	
C3r7_2	SODIUM KNOWLEDGE_5	Low		0.103 (-0.756, 0.962)	
C3r7_3	SODIUM KNOWLEDGE_5	Medium		0.310 (-0.558, 1.178)	

C3r7_4	SODIUM KNOWLEDGE_5	High		0.240 (-0.628, 1.108)		
C3r8_1	SODIUM KNOWLEDGE_5	None	Reference			Reference
C3r8_2	SODIUM KNOWLEDGE_5	Low	0.550*(0.147, 0.954)			-0.119 (-0.726, 0.487)
C3r8_3	SODIUM KNOWLEDGE_5	Medium	0.430*(0.034, 0.826)			-0.151 (-0.742, 0.441)
C3r8_4	SODIUM KNOWLEDGE_5	High	0.609*(0.219, 0.998)			0.043 (-0.545, 0.631)
C4r1_1	SODIUM KNOWLEDGE_6	None		Reference		
C4r1_2	SODIUM KNOWLEDGE_6	Low		-0.056 (-0.274, 0.162)		
C4r1_3	SODIUM KNOWLEDGE_6	Medium		-0.082 (-0.313, 0.149)		
C4r1_4	SODIUM KNOWLEDGE_6	High		-0.131 (-0.373, 0.111)		
C4r3_1	SODIUM KNOWLEDGE_6	None		Reference		
C4r3_2	SODIUM KNOWLEDGE_6	Low		-0.034 (-0.219, 0.151)		
C4r3_3	SODIUM KNOWLEDGE_6	Medium		0.080 (-0.149, 0.308)		
C4r3_4	SODIUM KNOWLEDGE_6	High		-0.001 (-0.358, 0.355)		
C4r4_1	SODIUM KNOWLEDGE_6	None		Reference		
C4r4_2	SODIUM KNOWLEDGE_6	Low		-0.136 (-0.285, 0.012)		
C4r4_3	SODIUM KNOWLEDGE_6	Medium		-0.054 (-0.252, 0.144)		
C4r4_4	SODIUM KNOWLEDGE_6	High		-0.119 (-0.481, 0.243)		
C4r5_1	SODIUM KNOWLEDGE_6	None		Reference		
C4r5_2	SODIUM KNOWLEDGE_6	Low		-0.052 (-0.243, 0.139)		
C4r5_3	SODIUM KNOWLEDGE_6	Medium		-0.136 (-0.366, 0.094)		
C4r5_4	SODIUM KNOWLEDGE_6	High		-0.165 (-0.564, 0.233)		
C4r6_1	SODIUM KNOWLEDGE_6	None			Reference	Reference
C4r6_2	SODIUM KNOWLEDGE_6	Low			-0.003 (-0.168, 0.162)	0.036 (-0.120, 0.191)
C4r6_3	SODIUM KNOWLEDGE_6	Medium			-0.043 (-0.228, 0.142)	0.153 (-0.033, 0.338)
C4r6_4	SODIUM KNOWLEDGE_6	High			-0.327*(-0.570, -0.084)	-0.077 (-0.346, 0.193)

C5r2_0	COUNTRY-SPECIFIC FOOD BEHAVIORS	Unchecked						Reference
C5r2_1	COUNTRY-SPECIFIC FOOD BEHAVIORS	Checked						-0.114 (-0.240, 0.012)
C5r4_0	COUNTRY-SPECIFIC FOOD BEHAVIORS	Unchecked				Reference	Reference	
C5r4_1	COUNTRY-SPECIFIC FOOD BEHAVIORS	Checked				0.073 (-0.059, 0.205)	0.167*(0.049, 0.285)	
C5r5_0	COUNTRY-SPECIFIC FOOD BEHAVIORS	Unchecked			Reference		Reference	
C5r5_1	COUNTRY-SPECIFIC FOOD BEHAVIORS	Checked			-0.027 (-0.146, 0.092)		-0.122*(-0.240, -0.005)	
C5r7_0	COUNTRY-SPECIFIC FOOD BEHAVIORS	Unchecked					Reference	
C5r7_1	COUNTRY-SPECIFIC FOOD BEHAVIORS	Checked					0.101 (-0.010, 0.213)	
C5r8_0	COUNTRY-SPECIFIC FOOD BEHAVIORS	Unchecked				Reference		
C5r8_1	COUNTRY-SPECIFIC FOOD BEHAVIORS	Checked				-0.135 (-0.284, 0.014)		
C5r9_0	COUNTRY-SPECIFIC FOOD BEHAVIORS	Unchecked			Reference		Reference	
C5r9_1	COUNTRY-SPECIFIC FOOD BEHAVIORS	Checked			0.120 (-0.050, 0.289)		-0.077 (-0.188, 0.035)	
C5r10_0	COUNTRY-SPECIFIC FOOD BEHAVIORS	Unchecked		Reference	Reference			
C5r10_1	COUNTRY-SPECIFIC FOOD BEHAVIORS	Checked		0.165*(0.004, 0.326)	-0.195*(-0.354, -0.036)			
C5r11_0	COUNTRY-SPECIFIC FOOD BEHAVIORS	Unchecked						Reference
C5r11_1	COUNTRY-SPECIFIC FOOD BEHAVIORS	Checked						-0.505 (-1.101, 0.092)
C6r1_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked						Reference
C6r1_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked						0.168*(0.047, 0.289)
C6r4_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked					Reference	
C6r4_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked					-0.077 (-0.187, 0.033)	
C6r5_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked			Reference			Reference
C6r5_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked			-0.009 (-0.274, 0.256)			-0.038 (-0.179, 0.103)
C6r6_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked		Reference	Reference			Reference
C6r6_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked		-0.159 (-0.388, 0.070)	-0.095 (-0.303, 0.113)			-0.083 (-0.222, 0.056)
C6r7_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked			Reference			

C6r7_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked			-0.032 (-0.215, 0.151)			
C6r10_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked			Reference		Reference	
C6r10_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked			0.632 (-0.038, 1.301)		-0.201 (-0.421, 0.019)	
C6r11_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked				Reference		
C6r11_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked				0.085 (-0.056, 0.226)		
C6r13_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked	Reference					
C6r13_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked	0.129 (-0.034, 0.292)					
C6r15_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked			Reference			Reference
C6r15_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked			-0.070 (-0.193, 0.053)			-0.133*(-0.263, -0.003)
C6r16_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked			Reference		Reference	Reference
C6r16_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked			-0.413*(-0.697, -0.129)		-0.067 (-0.220, 0.086)	0.158*(0.005, 0.312)
C6r18_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked				Reference		Reference
C6r18_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked				0.101 (-0.035, 0.238)		0.123 (-0.004, 0.249)
C6r20_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked			Reference			Reference
C6r20_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked			0.142 (-0.097, 0.381)			-0.310*(-0.515, -0.104)
C6r21_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked			Reference			
C6r21_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked			0.098 (-0.190, 0.385)			
C6r22_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked						Reference
C6r22_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked						0.080 (-0.110, 0.271)
C6r23_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked				Reference		
C6r23_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked				0.079 (-0.160, 0.318)		
C6r24_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked					Reference	
C6r24_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked					0.055 (-0.060, 0.170)	
C6r25_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked			Reference	Reference		
C6r25_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked			0.326 (-0.103, 0.754)	1.052*(0.198, 1.906)		

C6r26_0	GENERAL NUTRITION RESOURCE BEHAVIOR	Unchecked							Reference
C6r26_1	GENERAL NUTRITION RESOURCE BEHAVIOR	Checked							-0.341 (-0.696, 0.014)
A1r1	HEALTH AWARENESS	num				-0.071*(-0.116, -0.026)			-0.032 (-0.095, 0.031)
A1r11	HEALTH AWARENESS	num	0.065*(0.014, 0.116)			-0.046 (-0.095, 0.002)			-0.037 (-0.096, 0.022)
A1r2	HEALTH AWARENESS	num						0.031 (-0.011, 0.073)	
A1r4	HEALTH AWARENESS	num					0.036*(0.002, 0.069)		0.037*(0.007, 0.068)
A1r5	HEALTH AWARENESS	num	0.048*(0.001, 0.094)						-0.022 (-0.059, 0.014)
A1r7	HEALTH AWARENESS	num	0.022 (-0.025, 0.068)				-0.079*(-0.122, -0.036)	0.030 (-0.014, 0.074)	
A1r9	HEALTH AWARENESS	num			0.055*(0.022, 0.088)		0.017 (-0.015, 0.049)		
A2r1	SOCIAL RELATIONSHIP	num	-0.061*(-0.099, -0.023)			-0.008 (-0.072, 0.055)			
A2r10	SOCIAL RELATIONSHIP	num				-0.050 (-0.104, 0.003)		0.045*(0.012, 0.077)	0.017 (-0.017, 0.051)
A2r13	SOCIAL RELATIONSHIP	num				0.054*(0.008, 0.101)			0.028 (-0.004, 0.060)
A2r14	SOCIAL RELATIONSHIP	num				0.053 (-0.010, 0.115)			
A2r2	SOCIAL RELATIONSHIP	num				-0.147*(-0.209, -0.086)			0.056*(0.017, 0.096)
A2r4	SOCIAL RELATIONSHIP	num				0.042 (-0.009, 0.093)			
A2r5	SOCIAL RELATIONSHIP	num			0.046 (-0.004, 0.096)	0.065*(0.007, 0.123)		0.046*(0.002, 0.090)	-0.018 (-0.058, 0.021)
A2r6	SOCIAL RELATIONSHIP	num					0.033 (-0.003, 0.069)		
A2r7	SOCIAL RELATIONSHIP	num				0.044 (-0.019, 0.107)			
A2r8	SOCIAL RELATIONSHIP	num							-0.025 (-0.073, 0.023)
A3r1_0	HEALTH ISSUE	Unchecked							Reference
A3r1_1	HEALTH ISSUE	Checked							0.180*(0.033, 0.328)
A3r2_0	HEALTH ISSUE	Unchecked		Reference		Reference			Reference
A3r2_1	HEALTH ISSUE	Checked		-0.328*(-0.593, -0.063)		0.112 (-0.173, 0.398)			-0.279 (-0.566, 0.007)
A3r3_0	HEALTH ISSUE	Unchecked				Reference			
A3r3_1	HEALTH ISSUE	Checked				0.498 (-0.049, 1.045)			

A3r4_0	HEALTH ISSUE	Unchecked	Reference				
A3r4_1	HEALTH ISSUE	Checked	0.247 (-0.014, 0.507)				
A3r5_0	HEALTH ISSUE	Unchecked		Reference			
A3r5_1	HEALTH ISSUE	Checked		-0.568*(-1.108, -0.029)			
A3r7_0	HEALTH ISSUE	Unchecked	Reference	Reference	Reference		
A3r7_1	HEALTH ISSUE	Checked	-0.093 (-0.222, 0.036)	-0.133*(-0.267, -0.000)	-0.208*(-0.348, -0.068)		
A4r1_0	FAMILY HEALTH ISSUE	Unchecked		Reference	Reference		
A4r1_1	FAMILY HEALTH ISSUE	Checked		0.095 (-0.068, 0.258)	0.079 (-0.066, 0.224)		
A4r2_0	FAMILY HEALTH ISSUE	Unchecked				Reference	
A4r2_1	FAMILY HEALTH ISSUE	Checked				-0.219*(-0.401, -0.037)	
A4r3_0	FAMILY HEALTH ISSUE	Unchecked					Reference
A4r3_1	FAMILY HEALTH ISSUE	Checked					0.334 (-0.039, 0.706)
A4r4_0	FAMILY HEALTH ISSUE	Unchecked					Reference
A4r4_1	FAMILY HEALTH ISSUE	Checked					-0.163 (-0.368, 0.042)
A5_1	HEALTH CONDITION	Very poor			Reference	Reference	
A5_2	HEALTH CONDITION	Poor			0.148 (-0.296, 0.593)	0.578 (-0.017, 1.174)	
A5_3	HEALTH CONDITION	Fair			0.326 (-0.111, 0.763)	0.394 (-0.167, 0.955)	
A5_4	HEALTH CONDITION	Good			0.362 (-0.088, 0.812)	0.332 (-0.227, 0.892)	
A5_5	HEALTH CONDITION	Very good			0.288 (-0.211, 0.787)	0.175 (-0.404, 0.755)	
A6_1	DIETARY PREFERENCES/HABITS	Vegan (do not eat meat/animal by-products)			Reference		
A6_2	DIETARY PREFERENCES/HABITS	Vegetarian (do not eat meat)			-0.616 (-1.772, 0.541)		
A6_3	DIETARY PREFERENCES/HABITS	Pescatarian (do not eat meat except fish)			0.893 (-0.478, 2.265)		
A6_4	DIETARY PREFERENCES/HABITS	Flexitarian (eat meat on occasion)			0.092 (-0.817, 1.002)		
A6_5	DIETARY PREFERENCES/HABITS	Macrobiotic (reduced animal products, eat locally gown)			-0.366 (-1.340, 0.608)		
A6_6	DIETARY PREFERENCES/HABITS	Kosher			-0.972 (-2.646, 0.703)		

A6_7	DIETARY PREFERENCES/HABITS	Halal	-0.580 (-2.083, 0.923)	
A6_8	DIETARY PREFERENCES/HABITS	Something else	0.114 (-0.915, 1.144)	
A6_9	DIETARY PREFERENCES/HABITS	I do not restrict my diet or what I eat	0.085 (-0.803, 0.974)	
A7_1	RESIDENTIAL AREA	Central urban area (in the heart of a city or town)	Reference	
A7_2	RESIDENTIAL AREA	Urban area (not in the heart of a city or town but still within an urban area)	-0.047 (-0.215, 0.122)	
A7_3	RESIDENTIAL AREA	Suburban area (edge of a city or town)	-0.034 (-0.193, 0.125)	
A7_4	RESIDENTIAL AREA	Semi-rural area (a rural area but with some other houses and shops)	0.180 (-0.015, 0.375)	
A7_5	RESIDENTIAL AREA	Rural area (little or no other houses or shops, mainly farmland)	0.272 (-0.054, 0.598)	
A8_1	FAMILY STRUCTURE	I do not have any children	Reference	Reference
A8_2	FAMILY STRUCTURE	I have children living at home and all children are under 10	-0.020 (-0.249, 0.210)	0.090 (-0.072, 0.251)
A8_3	FAMILY STRUCTURE	I have children living at home and at least one child is aged 10 or over	-0.119 (-0.276, 0.039)	0.013 (-0.149, 0.175)
A8_4	FAMILY STRUCTURE	I have children but they do not live with me	-0.146 (-0.364, 0.073)	-0.045 (-0.262, 0.173)
A8_5	FAMILY STRUCTURE	I have children but they've grown up and no longer live with me full time	-0.064 (-0.267, 0.139)	-0.045 (-0.286, 0.197)
A8_6	FAMILY STRUCTURE	Other	0.664*(0.139, 1.189)	-0.376*(-0.615, -0.136)
A8_7	FAMILY STRUCTURE	Prefer not to say	-0.298 (-1.114, 0.517)	-0.001 (-0.498, 0.495)

* $p<0.05$