**Supplementary online material**

**Supplementary Table 1: Target population, survey design, sampling method, and recruitment of the participants of national nutrition surveys per continent.**

| **Continent**  | **Country** | **Sampling type/frame** | **Stratification scheme** | **Survey period** | **Place of interview** | **Invitation type/channel** | **Incentives** | **Interview materials** | **Language of interview** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Africa** |  |  |  |  |  |  |  |  |  |
|  | Ethiopia | Random, two-stage cluster sampling | Geographical | June- September 2011 | Home | NR | NR | English | Language of person being interviewed |
|  | Nigeria  | Random, Multistage, stratified sampling  | Geographical subdivision, staple production | October 2000-June 2001 | Home | NR | NR | English | NR |
|  | South Africa  | Random, Multistage disproportionate, stratified sampling | EBs, province, locality, race (in urban),  | April-November 2012 | Home | Visits at house | NR | English | NR |
| **Asia** |  |  |  |  |  |  |  |  |  |
|  | Bahrain | Random | Geographical subdivision | 1998-1999 | Home | Visits at house. In absence, visits at neighbouring house | NR | English | Arabic |
|  | China | Random, Multistage, stratified sampling | Income, PSU, urban and rural | NR  | Home | Visit at home | NR | English, Chinese | English, Chinese |
|  | India | Random, Multistage | Villages, households | NR | Home | Visits | NR | NR | NR |
|  | Israel | Random | National population registry | 1999-2001 | Home | Telephone, Visits at house. In absence, visits at neighbouring house | NR | Hebrew, Arabic, English, Russian | Hebrew, Arabic, English, Russian  |
|  | Japan | Random, stratified sampling | Geographical subdivision | November 2011 | Home | NR | NR | Japanese, English | Japanese, English |
|  | South Korea | Random, Multistage, stratified sampling | Census data, national population registry | January 2009-December 2009 | MEC, Home | Letter | Present | Korean | NR  |
|  | Malaysia | Random, stratified sampling with proportional allocation | EBs, LQs and population | October 2002-December 2003 | Home | Visits at home | NR | Bahasa Melayu, English | Bahasa Melayu, English, Mandarin, Tamil |
|  | Philippines  | Random, Multistage, stratified sampling | Geographical subdivision | June 2013-April 2014 | NR | NR | NR | NR | NR |
| **Europe** |  |  |  |  |  |  |  |  |  |
|  | Austria  | Random | Telephone book, university, job centres, clinical database | May 2005–February 2006 | NA | Letter | NR | Deutsch | Deutsch |
|  | Belgium | Random, Multistage, stratified sampling | National Population Register | February 2004–February 2005 | Home | Letter, visit at home, telephone | NR | Dutch, French | Dutch, French |
|  | Bulgaria  | Random, Multistage, stratified sampling | Geographical subdivision, age, gender, urban vs rural | April 2007–August 2007 | Clinical Center | NR | NR | NR | NR |
|  | Czech Republic | Random, Multistage, stratified sampling | Geographical subdivision, age, gender, urban vs rural | November 2003-November 2004 | Home | NR | NR | NR | NR |
|  | Denmark | Random, Multistage, stratified sampling | Geographical subdivision, age, gender | April 2011–August 2013 | Home | NR | NR | Danish | Danish |
|  | Estonia | Random, Multistage, stratified sampling | Age, gender, urban vs rural | July 1997–August 1997 | Home | NR | NR | Estonian | Estonian, Russian |
|  | Finland | Random, Multistage, stratified sampling | Population register, Geographical subdivision, age, gender | January 2012–April 2012 | Survey center | Letter | NR | Finnish | Finnish |
|  | France  | Random, Multistage, stratified sampling | Geographical subdivision, age, gender, urban weight | December 2005–April 2007 | Home | Telephone, visit at home | NR | French | French |
|  | Germany | Random, Multistage, stratified sampling | Geographical subdivision, age, gender | November 2005–January 2007 | NA | Letter | NR | Deutsch | Deutsch |
|  | Hungary | Random, Multistage, stratified sampling | Age, gender | February 2009–June 2009 | Home | NR | NR | Hungarian | Hungarian |
|  | Ireland  | Random, Multistage, stratified sampling | Geographical subdivision, age, gender, urban vs rural, education, social status, employement | October 1997–October 1999 | Home, working place | NR | NR | NR | NR |
|  | Italy  | Random, Multistage, stratified sampling | Geographical subdivision, family structure | October 2005-December 2006 | Home | Telephone | NR | Italian | Italian |
|  | Latvia | Random, Multistage, stratified sampling | National population registry, Geographical subdivision, gender | June 2008–November 2008 | Home | NR | NR | Latvian | Latvian, Russian  |
|  | Netherlands | Random, Multistage, stratified sampling | Geographical subdivision, age, gender, education level | March 2007-April 2010 | Home, telephone | Letter, email | Credit points to be exchanged for gifts selected from a catalogue | Dutch | Dutch |
|  | Poland | Random, Multistage, stratified sampling | Age, gender | September 2000–November 2000 | Home | NR | NR | NR | NR |
|  | Slovakia | Random, Multistage, stratified sampling | Geographical subdivision, age, gender | January 2008–December 2008 | Clinical centre | NR | NR | NR | NR |
|  | Slovenia | Random, Multistage, stratified sampling | Age, gender | September 2007-April 2008 | Home | NR | NR | NR | NR |
|  | Spain | Random, Multistage, stratified sampling | Geographical subdivision, age, gender, urban vs rural | January 2009–September 2009 | Home, universities, clinical centers, pharmacies | Telephone | NR | Spanish  | Spanish |
|  | Sweden | Random, Multistage, stratified sampling | Geographical subdivision, age, gender | January 1997–January 1998 | Home | Telephone, letter | NR | Swedish | Swedish |
|  | United Kingdom  | Random, Multistage, stratified sampling | Geographical subdivision, population density, socio-economic status | April 2008-March 2011 | Home | Letter | NR | English | English |
| **North and South-America** |  |  |  |  |  |  |  |  |  |
|  | Brazil | Random, two-stage, stratified sampling | Census of 2000, HBS | May 2008-May2009 | Home | Visit at home | None | Portuguese | NR |
|  | Canada | Random, Multistage, stratified sampling | DRI, population of the province and power allocation | January 2004-January 2005 | Telephone (CAPI) | Letter and telephone | None | English, French | English, French |
|  | Chili | Random, Multistage, stratified sampling | Urban vs. rural, sex, region, season | November 2010-January 2011 | Home | Visit at home | NR | Spanish | NR |
|  | Mexico | Random, Multistage, stratified sampling | NR | October 2005-May 2006 | NR | NR | NR | Spanish | NR |
|  | USA | Random, Multistage, stratified sampling | PSU, households, within household | January 2009-December 2010 | MEC, Home (CAPI) | Letter and visit at home | Substrata plus remuneration for transportation and care for person in charge | English, Spanish (Full), Chinese, Korean, Vietnamese (Partial) | English, Spanish. Otherwise, use of a translator  |
|  | Venezuela | Random, probabilistic | Federal territories, gender, age group, social class | March-June 2013 | NR | NR | NR | Spanish | NR |
| **Oceania** |  |  |  |  |  |  |  |  |  |
|  | Australia | Random, Multistage, stratified sampling | Geographical regions, sub-populations | May 2011- June 2012 | Home, Survey Center | Letter, Telephone | Comprehension information about their health, lump sum of money | English | NR |
|  | New Zealand | Random, Multistage, stratified sampling | PSU, Census, geographical regions | October 2008- October 2009 | MEC, Home | Telephone, visit at home | Results of analysis, voucher | English, Māori, Samoan, Tongan, Chinese, Korean, Hindi and Punjabi | English, Māori, Samoan, Tongan, Chinese, Korean, Hindi and Punjabi |

\*All the participants were randomly selected

NS: not specified, NA: not applicable, NR: not reported

Abbreviations: CAPI, computer assisted personal interview; DRI, Dietary Reference Intake; EB, Enumeration Block; HBS, Household Budget Survey; LQ, Living Quarter; MEC, Mobile Examination Center; PSU, primary sampling unit

**Supplementary Table 2: Recruitment and training of the interviewers in national nutrition surveys per continent.**

| **Continent** | **Country** | **Recruitment criteria interviewers/field workers** | **Number of interviewers** | **Training topics** | **Training length** | **Presence of nutritionists/dietitians\*** |
| --- | --- | --- | --- | --- | --- | --- |
| **Africa** |  |  |  |  |  |  |
|  | Ethiopia | Trained interviewers (with experience in previous national surveys) | 262 (including 200 interviewers, 25 supervisors, 24 coders and editors and 13 coordinators) | Methodology for 24-HDR, survey objectives and methodology, quality control, ethnics, standardization of methods | May-June 2011 | NR |
|  | Nigeria  | Multiple field workers:Medical laboratory technologists, researchers | 96  | NR | NR | NR |
|  | South Africa  | Multiple field workers:Clinician and dietician  | 335 (including 67 team leaders) | administrative procedures, data collection | 7 days (training of trainers), 10 days (field team), 6 days (clinic team) | Yes  |
| **Asia** |  |  |  |  |  |  |
|  | Bahrain | Multiple field workers:Nutritionists, health professionals (nurses and health educators) and social workers | 24 | Anthropometry, interviewing techniques, and information gathering | 2 weeks | Yes |
|  | China | Nutritionists | 160  | Methods for collecting dietary data for field and office staff | 3 days | Yes |
|  | India | Multiple field workers:Medical officers, nutritionists, social workers and technicians | NR | Interviewing techniques, measurements, errors and avoidance | 3 weeks | Yes |
|  | Israel | Professional survey interviewer | NR | Laptop and Blaise program use, interviewing techniques, description of survey questionnaire | 8 days | NR |
|  | Japan | Multiple field workers: Physicians, dieticians, nurses, clinical laboratory technicians | NR | NR | NR | Yes |
|  | South Korea | Multiple field workers: Dieticians, nutritionists, nurse, dentist, radiological technician  | 12 | Contacting participants, interview and data collection | 5 days | Yes |
|  | Malaysia | Multiple field workers: Nutritionists, research assistants  | NR | Interviewing techniques, probing skills, quantification of portion size  | NR | Yes |
|  | Philippines  | NR | NR | NR | NR | NR |
| **Europe** |  |  |  |  |  |  |
|  | Austria  | NR | NR | NR | NR | NR |
|  | Belgium | Dieticians  | NR | Interviewing techniques, software handling, GloboDiet | 3 days | Yes |
|  | Bulgaria  | NR | NR | NR | NR | NR |
|  | Czech Republic | NR | NR | NR | NR | No |
|  | Denmark | Interviewers speaking Danish | NR | NR | NR | No |
|  | Estonia | Multiple field workers: Nutritionists, public health specialists and interviewers with previous experience | NR | NR | 1 day | Yes  |
|  | Finland | Multiple field workers: Nutritionists, or nutrition students | NR | NR | NR | Yes |
|  | France  | Subcontracted by a specialized company | NA | NA | NA | NA |
|  | Germany | NR | NR | NR | NR | NR |
|  | Hungary | Multiple field workers: Interviewers skilled in household consumption survey conduct, dietician  | NR | Food consumption | NR | Yes |
|  | Ireland  | Multiple field workers: Dietician, nutritionist, research assistant, health science professionals | NR | Interviewing technique, respondent recruitment, dietary assessment, role-playing, coding of diaries, familiarization with supermarket products, portion size quantification, anthropometric measurement | NR | Yes |
|  | Italy  | Nutritionists  | NR | NR | Day-to-day | No |
|  | Latvia | Multiple field workers: Nutritionists, public health specialists and interviewers with previous experience | NR | NR | 1-Day | Yes  |
|  | Netherlands | Dieticians  | NR | NR | 3 day initial + twice a year, and through newsletter every 3 months | Yes |
|  | Poland | Nutritionist | 450 | 24-HDR and anthropometric techniques | NR | Yes |
|  | Slovakia | NR | NR | NR | NR | Yes |
|  | Slovenia | NR | NR | NR | NR | Yes |
|  | Spain | Multiple field workers: Dieticians and nutritionists | 90 | Briefing on protocols and administration of survey | 2 days | Yes |
|  | Sweden | NR | 20 | NR | NR | No |
|  | United Kingdom  | Multiple field workers: Nurses and nutritionists  | NR | Questionnaire administration, dietary assessment | 1.5 to 2 days, 1 day refresher for experienced trainers, regular check-up  |  Yes  |
| **North and South-America** |  |  |  |  |  |  |
|  | Brazil | NR | NR | Contacting participants, interviewing techniques, data collection, software use | 1 week  | NR |
|  | Canada | Professional interviewers working on a variety of surveys | NR | NR | NR | NR |
|  | Chili | Nutritionists  | 147 | Contacting participants, anthropometric measurement, dietary data collection  | 15 days | Yes  |
|  | Mexico | Professional interviewers  | NR | NR | NR | No |
|  | USA | Multiple field workers: At least High school diploma required, nutritionists | NR | Data collection, role-playing practical, different cultural customs, periodic and annual retraining sessions | 2 weeks | Yes |
|  | Venezuela | Nutritionists  | NR | Data collection | 3 days | Yes |
| **Oceania** |  |  |  |  |  |  |
|  | Australia | Multiple field workers: Experienced interviewers, qualified health profession-to collect biomedical samples | NR | Responses to FAQs, Supervision of the interviewers  | NR | NR |
|  | New Zealand | Multiple field workers: Interviewers with knowledge on food and culinary customs, fluent in local language, dietician, nutritionist  | 22 | Contacting participants, data collection | 2 weeks for interviewers2 days for supervision staff | Yes |

\*Presence of dietitian/nutritionist for the dietary intake assessment

NS: not specified, NA: not applicable, NR: not reported

24-HDR: 24-hour dietary recall

**Supplementary Table 3: Additional measurements incorporated in national nutrition surveys per continent.**

| **Continent** | **Country** | **Additional questionnaires/measurements** | **Anthropometry**  | **Mode of anthropometry measurement/assessment**  | **Biological samples** | **Laboratory analysis** |
| --- | --- | --- | --- | --- | --- | --- |
| **Africa** |  |  |  |  |  |  |
|  | Ethiopia | Household information, health/supplement, household size | Weight, height, mid upper arm circumference | Measured | NS | NA |
|  | Nigeria  | Household/demographic, socioeconomic characteristics of households, health and care | Weight, height | Measured  | Venous blood, urine  | Serum vitamin A and E, iron, zincUrine: iodine |
|  | South Africa | Sociodemographic, food procurement and household food inventory, modiﬁed hunger scale, perception of general health, psychological distress, knowledge of the signs of tuberculosis, clinical examination, smoking, physical activity  | Weight, height, WC & HC | Measured | Venous blood | Blood lipids, glucose, cotinine (other not yet undefined)  |
| **Asia** |  |  |  |  |  |  |
|  | Bahrain | Demographic, health, lifestyle  | Weight, height | Measured  | Capillary blood  | Hemoglobin |
|  | China | Lifestyle - smoking and alcoholic beverage consumption | Weight, height, WC & HC, head and arm circumferences (for children) | Measured | NR | NR |
|  | India | Physical activity, lifestyle- smoking and alcoholic beverage consumption, socioeconomic and demographic, history of morbidity, knowledge of diabetes/hypertension  | Weight, height, MUAC (for children), triceps skinfold | Measured | NS | Glycaemia  |
|  | Israel | Demographic, eating patterns, and dieting pattern, attitudes to nutrition/sources of info and food labelling, health status, physical activity, hormone use and lactation practices, lifestyle-smoking and alcoholic beverage consumption, bowel habits  | Weight, height, WC & HC | Measured | NR | NR |
|  | Japan | Lifestyle, physical examination (physical activity, use of medication, blood test, anthropometric measures) | Weight and height (subjects aged 1 year or older), abdominal circumference (subjects aged 6 year or older) | Measured | Venous blood | Blood lipids, hemoglobin, micronutrient, uric acid |
|  | Korea | Lifestyle -smoking, alcoholic beverage consumption, physical activity, reproductive health | Weight, height | Measured | Venous blood, urine  |  |
|  | Malaysia | Physical activity, meal pattern, food label reading and understanding, supplement intake, socio-demography, lifestyle- smoking and alcoholic beverage consumption | Weight, height | Measured | NR | NR |
|  | Philippines  | NR | Weight, height, WC & HC | Measured | Venous blood | Vitamin A |
| **Europe** |  |  |  |  |  |  |
|  | Austria  | Physical activity, household budget survey | Weight, height | Self-reported | NR | NR |
|  | Belgium | Socio-demographic, lifestyle (incl. physical activity-children), general health, household | Weight, height, WC, physical activity (in children) | Self-reported | None | None |
|  | Bulgaria  | NR | Weight, height | Measured | NR | NR |
|  | Czech Republic | NR | Weight, height | Self-reported | NR | NR |
|  | Denmark | Physical activity | Weight, height, physical activity | Self-reported | None | None |
|  | Estonia | Physical activity, demographic and socio-economic, health behaviours, and dietary beliefs  | Weight, height | Self-reported | None | None |
|  | Finland | NR | Weight, height | Measured | None | None |
|  | France  | NR | Weight, height | Measured | None | None |
|  | Germany | Sociodemographic, nutritional behaviour, health aspects (e.g. smoking), dietary supplements, leisure time activities and sleeping behaviour | Weight, height | Measured | NR | NR |
|  | Hungary | Food allergy and dietary supplements | Weight, height | Self-reported | None | None |
|  | Ireland  | Health, lifestyle and socio-demographic status , physical activity, attitudes to diet and health, restrained eating  | Weight, height, WC & HC, body composition | Measured | None | None |
|  | Italy  | NR | Weight, height | Self-reported | None | None |
|  | Latvia | Physical activity, demographic and socio-economic, health behaviours, dietary beliefs | Weight, height | Self-reported | None | None |
|  | Netherlands | Lifestyle- smoking and alcoholic beverage consumption, physical activity, socioeconomic and sociodemographic, dietary supplements | Weight, height | Self-reported | Venous blood, urine | Specific vitamins and minerals in blood and urine. |
|  | Poland | Household food acquisition, household budget | Weight, height | Measured | NR | NR |
|  | Slovakia | NR | Weight, height | Self-reported | NR | NR |
|  | Slovenia | NR | Weight, height | Self-reported | NR | NR |
|  | Spain | Physical activity, socio-economic, health information (e.g. blood pressure) | Weight, height | Measured | Urine | NR |
|  | Sweden | NR | Weight, height, WC & HC | Self-reported | Venous blood, urine | Contaminants and food toxins |
|  | United Kingdom  | Physical activity, lifestyle- smoking and alcoholic beverage consumption, socio-demographic status, dietary habits, general and oral health | Weight, height, MUAC (for children) | Measured | Venous blood, urine | Micronutrient, hameoglobin, ferritin, blood lipids, sodium excretion |
| **North and South-America** |  |  |  |  |  |  |
|  | Brazil | NR | Weight, height | Measured  | NR | NR |
|  | Canada | Dietary supplements, lifestyle - smoking and alcoholic beverage consumption | Weight, height | Measured | NR | NR |
|  | Chili | NR | Weight, height, WC | Measured | NR | NR |
|  | Mexico | Lifestyle – alcoholic beverage consumption and smoking, health | Weight, height, WC & HC | Measured | Capillary and venous blood, urine | Haemoglobin, micronutrient status |
|  | USA | Dietary supplements, socioeconomic, sociodemographic, dietary habits, nutrition related health, lifestyle- alcoholic beverage consumption and smoking | Weigh, height, body composition and bone density (Dual energy x-ray absorptiometry), other measures for children (standing length, leg and arm length, MUAC, SAD) | Measured | Venous blood and Urine | Exhaustive list of biomarkers (<https://www.cdc.gov/nchs/nhanes/biospecimens/serum_plasma_urine.htm>) |
|  | Venezuela | NR | Weight, height | Measured | NR |  |
| **Oceania** |  |  |  |  |  |  |
|  | Australia | Physical activity, lifestyle – alcoholic beverage consumption and smoking | Weight, height, WC | Measured | Venous blood, urine | Micronutrient  |
|  | New Zealand | Dietary supplements | Weight and height, WC | Measure | Venous blood  | Cellular evaluation, blood lipids, iron, zinc, HbA1c;Spot urine sample:sodium, potassium, iodine, creatinine |

MUAC, Mid-upper arm circumference; SAD, Sagittal abdominal diameter

NS: not specified, NA: not applicable, NR: not reported

WC: waist circumference

HC: hip circumference

**Supplementary Table 4: Food linking and analysis of national nutrition surveys per continent.**

| **Continent**  | **Country** | **Food classification system**  | **Food composition table available** | **Adjustment procedures**  | **Misreporting checking** |
| --- | --- | --- | --- | --- | --- |
| **Africa** |  |  |  |  |  |
|  | Ethiopia | UNICEF Infant and Young Child Feeding Indicators, 2008 | The Ethiopian food composition tables, USDA, additional EHNRI laboratory analysis | NR | NR |
|  | Nigeria  | USDA based, adapted to foods eaten by the Nigerian population | Nutrient Composition of Commonly Eaten Foods in Nigeria – Raw, Processed and Prepared | NR | NR |
|  | South Africa | Nine food groups: cereals, roots and tubers; vitamin A-rich vegetables and fruit; vegetables other than vitamin A rich; fruit other than vitamin A-rich fruit; meat, poultry, and fish; eggs; legumes; dairy products; and foods made with fats or oils. | NA | NR | NR |
| **Asia** |  |  |  |  |  |
|  | Bahrain | NR | Danish/WHO diet analysis software package based on Middle East foods | Dankost 2000 database | EI:BMR |
|  | China | NR | Food Composition Table for China  | NR | NR |
|  | India | NR | Nutritive Value of Indian Foods | NR | NR |
|  | Israel | NR | USDA Food Database, England-Italy and Lebanon food databases, Israeli food industry, laboratory by the Ministry of Health, imputation and optimization  | NR | NR |
|  | Japan | NR | Standard Tables of Food Composition in Japan | NR | NR |
|  | Korea | National food classification system | Food composition table from the National Rural Living Science Institute | Nusser method using C-SIDE (Iowa State) | NR |
|  | Malaysia | NR | USDA Food Database, Canadian Food Database, Mexico Food Database, Malaysian Food Composition Tables, Singapore Food Composition Guide, ASEAN Food Composition Tables, and The China Food Composition Tables | NR | EI:BMRest  |
|  | Philippines  | NR | NR | NR | NR |
| **Europe** |  |  |  |  |  |
|  | Austria  | DAFNE national food classification | Austrian Food Composition Database | NR | EI:BMR |
|  | Belgium | EPIC, DAFNE and national food classification | Belgische Voedingsmiddelentabel Nutrients Belgium | NUSSER method (C-Side) | EI:BMR |
|  | Bulgaria  | NR | Bulgarian Food Composition Database  | NR | NR |
|  | Czech Republic | NR | Czech Food Composition Database | NR | EI:BMR |
|  | Denmark | National food classification  | Danish Food Composition Databank | NR | EI:BMR |
|  | Estonia | NR | Finnish Micro-Nutrica Nutritional Analysis program | NR | None |
|  | Finland | DAFNE and national food classification | Finnish Food Composition Database | NR | EI:BMR |
|  | France  | DAFNE and national food classification | French Food Composition Table | NR | EI:BMR |
|  | Germany | National food classification | German Bundes Lebensmittel Schlüsse | NR | NR |
|  | Hungary | DAFNE and national food classification | Food Composition Tables/Composition and Requirements of Nutrients | NR | EI:BMR |
|  | Ireland  | DAFNE, and national food classification | Irish Food Composition Database | NR | EI:BMR |
|  | Italy  | DAFNE and national food classification | Italian Food Composition Database |  | EI:BMR |
|  | Latvia | NR | Russian Institute of Nutrition Food Composition Table | NR | NR |
|  | Netherlands | EPIC and national classification | NEVO | GloboDiet | EI:BMR |
|  | Poland | DAFNE and national food classification | Polish Food Composition Database | NR | NR |
|  | Slovakia | NR | Slovak Food Composition Database | NR | NR |
|  | Slovenia | NR | [Slovenian Food Composition Database (SLOFIR) | NR | NR |
|  | Spain | EPIC and national classification | Spanish Food Composition Database (BEDCA) | NUSSER method (C-Side) | NR |
|  | Sweden | DAFNE and national food classification | Swedish Food Composition Database | NR | EI:BMR |
|  | United Kingdom  | DAFNE and national food classification | McCance & Widdowson’s Composition of Foods Integrated Dataset | NR | EI:BMR (Validated against DLW) |
| **North and South-America** |  |  |  |  |  |
|  | Brazil | National food classification system | Nutrition Coordination Center Nutrient Databank (Nutrition Data System for Research - NDSR, Minneapolis), Brazilian Food Composition Table (TACO) | Nusser method using C-SIDE (Iowa State) | NA |
|  | Canada | Bureau of Nutritional Sciences (BNS) food groups, based on British and American food group systems | Nutrition Survey System (NSS) | Nusser method using SIDE (Iowa State) | Equations by Black and Cole |
|  | Chili | NR | USDA Food and Nutrient Database, 2.3/ Chilean Table of food comùposition FAO/LATINFOODS, Latin America food composition table, Information from factotirs and food labels |  |  |
|  | Mexico | NR | USDA Nutrient database for standard reference, University of California Food composition database, Tabla de composición de alimentos para uso en América Latina (PAHO, INCAP), Tablas de composición de alimentos mexicanos del Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Tablas de valor nutritivo de los alimentos de mayor consumo en México, Food composition and nutrition tables (Souci et al., 2000) | NR | NR |
|  | USA | Food Surveys Research Group (FSRG) defined food groups | USDA Food and Nutrient Database (FNDDS), 5.0 | SUDAAN was used to adjust for survey design effects resulting from NHANES’ complex, multistage, probability sampling | EI:BMR |
|  | Venezuela | NR | Local table (Tabla de Composición de Alimentos para Uso Práctico) | NR | NR |
| **Oceania** |  |  |  |  |  |
|  | Australia | National food classification system (ANSURS) | AUSNUT 2011-13 developed by the Food Standards Australia New Zealand Food Authority (FSANZ) | Adjustment for within-person variability using the equation put forward by the US National Academy of Science (NAS) Subcommittee on Criteria for Dietary Evaluation (1986) | EI:BMR |
|  | New Zealand | National food classification system | New Zealand Food Composition Database (NZFCD), FOODfiles electronic subset of data from the NZFCD, NUTTAB Food Composition Tables (Australia), McCance and Widdowson’s Composition of Foods and other international data as required | Nusser method using C-SIDE (Iowa State) | NA |

1 http://www.fao.org/infoods/infoods/tables-et-bases-de-donnees/europe/fr/

NS: not specified, NA: not applicable, NR: not reported

EI:BMR: Energy intake/Basal metabolic rate