

10

References

- Aickin M, Ritenbaugh C. 1991. Estimation of the true distribution of vitamin A intake by the unmixing algorithm. *Communications Stat Simulations* 20:255–280.
- Aksnes L, Aarskog D. 1982. Plasma concentrations of vitamin D metabolites in puberty: Effect of sexual maturation and implications for growth. *J Clin Endocrinol Metab* 55:94–101.
- Aloia JF, Vaswani A, Yeh JK, Ross PL, Flaster E, Dilmanian FA. 1994. Calcium supplementation with and without hormone replacement therapy to prevent postmenopausal bone loss. *Ann Intern Med* 120:97–103.
- AR (Army Regulation) 40-25. 1985. See U.S. Departments of the Army, the Navy, and the Air Force, 1985.
- Baran D, Sorensen A, Grimes J, Lew R, Karellas A, Johnson B, Roche J. 1990. Dietary modification with dairy products for preventing vertebral bone loss in premenopausal women: A three-year prospective study. *J Clin Endocrinol Metab* 70:264–270.
- Barr SI, Janelle KC, Prior JC. 1995. Energy intakes are higher during the luteal phase of ovulatory menstrual cycles. *Am J Clin Nutr* 61:39–43.
- Basiotis PP, Welsh SO, Cronin FJ, Kelsay JL, Mertz W. 1987. Number of days of food intake records required to estimate individual and group nutrient intakes with defined confidence. *J Nutr* 117:1638–1641.
- Beaton GH. 1991. Interpretation of results from dietary studies. In: Kohlmeier L, ed. *The Diet History Method: Proceedings of the 2nd Berlin Meeting on Nutritional Epidemiology*. London: Smith-Gordon/Nishimura. Pp. 15–38.
- Beaton GH. 1994. Criteria of an adequate diet. In: Shils ME, Olson JA, Shike M, eds. *Modern Nutrition in Health and Disease*, 8th edition. Philadelphia: Lea & Febiger. Pp. 1491–1505.
- Beaton GH. 1999. Recommended dietary intakes: Individuals and populations. In: Shils ME, Olson JA, Shike M, Ross AC, eds. *Modern Nutrition in Health and Disease*, 9th edition. Baltimore: Williams & Wilkins. Pp. 1705–1725.
- Beaton GH, Chery A. 1988. Protein requirements of infants: A reexamination of concepts and approaches. *Am J Clin Nutr* 48:1403–1412.

- Beaton GH, Milner J, Corey P, McGuire V, Cousins M, Stewart E, deRamos M, Hewitt D, Grambsch PV, Kassim N, Little JA. 1979. Sources of variance in 24-hour dietary recall data: Implications for nutrition study design and interpretation. *Am J Clin Nutr* 32:2546-2559.
- Beaton GH, Milner J, McGuire V, Feather TE, Little JA. 1983. Source of variance in 24-hour dietary recall data: Implications for nutrition study design and interpretation. Carbohydrate sources, vitamins, and minerals. *Am J Clin Nutr* 37:986-995.
- Black AE, Prentice AM, Goldberg GR, Jebb SA, Bingham SA, Livingstone MB, Coward WA. 1993. Measurements of total energy expenditure provide insights into the validity of dietary measurements of energy intake. *J Am Diet Assoc* 93:572-579.
- Block G, Hartman AM, Dresser CM, Carroll MD, Gannon J, Gardner L. 1986. A data-based approach to diet questionnaire design and testing. *Am J Epidemiol* 124:453-469.
- Bolland JE, Ward JY, Bolland TW. 1990. Improved accuracy of estimating food quantities up to 4 weeks after training. *J Am Diet Assoc* 90:1402-1404, 1407.
- Bull NL, Buss DH. 1982. Biotin, pantothenic acid and vitamin E in the British household food supply. *Hum Nutr Appl Nutr* 36:190-196.
- Burk MC, Pao EM. 1976. Methodology for large-scale surveys of household and individual diets. *Home Econ Res Rep* No. 40. Washington, DC: Agricultural Research Service/U.S. Department of Agriculture.
- Burke BS. 1947. The dietary history as a tool in research. *J Am Diet Assoc* 23:1041-1046.
- Buzzard IM, Price KS, Warren RA. 1991. Considerations for selecting nutrient-calculation software: Evaluation of the nutrient database. *Am J Clin Nutr* 54:7-9.
- Cameron ME, Van Staveren W. 1988. *Manual on Methodology for Food Consumption Studies*. New York, NY: Oxford University Press.
- Canadian Council on Nutrition. 1988. *Canadian Dietary Standards*. Ottawa: Department of Pensions and National Health.
- Carrquiry AL. 1999. Assessing the prevalence of nutrient inadequacy. *Public Health Nutr* 2:23-33.
- Carrquiry AL, Dodd KW, Nusser SM. 1997. Estimating Adjusted Intake and Biochemical Measurement Distributions for NHANES III. Final report prepared for the National Center for Health Statistics.
- Chan GM, Hoffman K, McMurry M. 1995. Effects of dairy products on bone and body composition in pubertal girls. *J Pediatr* 126:551-556.
- Chen C. 1999. Spline Estimators of the Distribution Function of a Variable Measured with Error. Unpublished PhD dissertation. Department of Statistics, Iowa State University, Ames.
- Chevalley T, Rizzoli R, Nydegger V, Slosman D, Rapin CH, Michel JP, Vasey H, Bonjour JP. 1994. Effects of calcium supplements on femoral bone mineral density and vertebral fracture rate in vitamin-D-replete elderly patients. *Osteoporos Int* 4:245-252.
- COMA (Committee on Medical Aspects of Food Policy). 1991. *Dietary Reference Values for Food Energy and Nutrients for the United Kingdom. Report on Health and Social Subjects*, No. 41. London: Her Majesty's Stationery Office.
- Crane NT, Green NR. 1980. Food habits and food preferences of Vietnamese refugees living in northern Florida. *J Am Diet Assoc* 76:591-593.

- Dabeka RW, McKenzie AD, Conacher HBS, Kirkpatrick DC. 1982. Determination of fluoride in Canadian infant foods and calculation of fluoride intakes by infants. *Can J Public Health* 73:188-191.
- Dabeka RW, McKenzie AD, Lecroix GM. 1987. Dietary intakes of lead, cadmium, arsenic and fluoride by Canadian adults: A 24-hour duplicate diet study. *Food Addit Contam* 4:89-101.
- Dawson-Hughes B, Dallal GE, Krall EA, Sadowski L, Sahyoun N, Tannenbaum S. 1990. A controlled trial of the effect of calcium supplementation on bone density in postmenopausal women. *N Engl J Med* 323:878-883.
- Dawson-Hughes B, Dallal GE, Krall EA, Harris S, Sokoll LJ, Falconer G. 1991. Effect of vitamin D supplementation on wintertime and overall bone loss in healthy postmenopausal women. *Ann Intern Med* 115:505-512.
- Dawson-Hughes B, Harris SS, Krall EA, Dallal GE, Falconer G, Green CL. 1995. Rates of bone loss in postmenopausal women randomly assigned to one of two dosages of vitamin D. *Am J Clin Nutr* 61:1140-1145.
- Demirjian A. 1980. *Anthropometry Report. Height, Weight, and Body Dimensions: A Report from Nutrition Canada*. Ottawa: Minister of National Health and Welfare, Health and Promotion Directorate, Health Services and Promotion Branch.
- Dewey KG, Beaton GH, Fjeld C, Lonnerdal B, Reeds P. 1996. Protein requirements of infants and children. *Eur J Clin Nutr* 50:S119-S150.
- Dodd KW. 1996. *A Technical Guide to C-SIDE: Software for Intake Distribution Estimation Version 1.0*. Technical Report 96-TR 32. Ames, IA: Center for Agricultural and Rural Development, Iowa State University.
- Domel SB. 1997. Self-reports of diet: How children remember what they have eaten. *Am J Clin Nutr* 65:1148S-1152S.
- Dwyer J. 1999. Dietary assessment. In: Shils ME, Olson JA, Shike M, Ross AC, eds. *Modern Nutrition in Health and Disease*, 9th edition. Baltimore: Williams & Wilkins. Pp. 937-959.
- Dwyer JT, Coleman KA. 1997. Insights into dietary recall from a longitudinal study: Accuracy over four decades. *Am J Clin Nutr* 65:1153S-1158S.
- Eckert RS, Carroll RJ, Wang N. 1997. Transformations to additivity in measurement error models. *Biometrics* 53:262-272.
- Eissenstat BR, Wyse BW, Hansen RG. 1986. Pantothenic acid status of adolescents. *Am J Clin Nutr* 44:931-937.
- Elders PJ, Netelenbos JC, Lips P, van Ginkel FC, Khoe E, Leeuwenkamp OR, Hackeng WH, van der Stelt PF. 1991. Calcium supplementation reduces vertebral bone loss in perimenopausal women: A controlled trial in 248 women between 46 and 55 years of age. *J Clin Endocrinol Metab* 73:533-540.
- Elders PJ, Lips P, Netelenbos JC, van Ginkel FC, Khoe E, van der Vijgh WJ, van der Stelt PF. 1994. Long-term effect of calcium supplementation on bone loss in perimenopausal women. *J Bone Miner Res* 9:963-970.
- FAO (Food and Agriculture Organization). 1998. *FAO Food Balance Sheets 1994-1996 Average*. Rome: FAO.
- FAO/WHO (Food and Agriculture Organization/World Health Organization). 1970. *Requirements of Ascorbic Acid, Vitamin D, Vitamin B₁₂, Folate, and Iron*. Report of a Joint FAO/WHO Expert Group. WHO Technical Report Series No. 452. FAO Nutrition Meetings Report Series No. 47. Geneva: WHO.
- FAO/WHO (Food and Agriculture Organization/World Health Organization). 1988. *Requirements of Vitamin A, Iron, Folate, and Vitamin B₁₂*. Report of a Joint FAO/WHO Expert Consultation. FAO Food and Nutrition Series No. 23. Rome: FAO.

- FAO/WHO/UNU (Food and Agriculture Organization/World Health Organization/United Nations University). 1985. *Energy and Protein Requirements*. Report of a Joint FAO/WHO/UNU Expert Consultation. Technical Report Series. No. 724. Geneva: WHO.
- Fuller WA. 1987. *Measurement Error Models*. Wiley Series in Probability and Mathematical Statistics. New York: Wiley.
- Gibson RS. 1990. *Principles of Nutritional Assessment*. New York: Oxford University Press.
- Gibson RS, Gibson IL, Kitching J. 1985. A study of inter- and intrasubject variability in seven-day weighed dietary intakes with particular emphasis on trace elements. *Biol Trace Elem Res* 8:79-91.
- Gloth FM III, Gundberg CM, Hollis BW, Haddad JG Jr, Tobin JD. 1995. Vitamin D deficiency in homebound elderly persons. *J Am Med Assoc* 274:1683-1686.
- Gordon AR, Devancy BI, Burghardt JA. 1995. Dietary effects of the National School Lunch Program and the School Breakfast Program. *Am J Clin Nutr* 61:221S-231S.
- Greenfield H, Southgate DAT. 1992. *Food Composition Data; Production, Management and Use*. London: Elsevier Applied Science.
- Greer FR, Searcy JE, Levin RS, Steichen JJ, Steichen-Asche PS, Tsang RC. 1982. Bone mineral content and serum 25-hydroxyvitamin D concentrations in breast-fed infants with and without supplemental vitamin D: One-year follow-up. *J Pediatr* 100:919-922.
- Greger JL, Baligar P, Abernathy RP, Bennett OA, Peterson T. 1978. Calcium, magnesium, phosphorus, copper, and manganese balance in adolescent females. *Am J Clin Nutr* 31:117-121.
- Guenther PM, Kott PS, Carriquiry AI. 1997. Development of an approach for estimating usual nutrient intake distributions at the population level. *J Nutr* 127:1106-1112.
- Gultekin A, Ozalp I, Hasanoglu A, Unal A. 1987. Serum-25-hydroxycholecalciferol levels in children and adolescents. *Turk J Pediatr* 29:155-162.
- Guthrie HA. 1984. Selection and quantification of typical food portions by young adults. *J Am Diet Assoc* 84:1440-1444.
- Hallberg L, Hogdahl AM, Nilsson L, Rybo G. 1966. Menstrual blood loss—A population study. Variation at different ages and attempts to define normality. *Acta Obstet Gynecol Scand* 45:320-351.
- Hankin JH, Wilkens LR. 1994. Development and validation of dietary assessment methods for culturally diverse populations. *Am J Clin Nutr* 59:198S-200S.
- H Haraldsdottir J, Tjonncland A, Overvad K. 1994. Validity of individual portion size estimates in a food frequency questionnaire. *Int J Epidemiol* 23:787-796.
- Hartman AM, Block G, Chan W, Williams J, McAdams M, Banks WL Jr, Robbins A. 1996. Reproducibility of a self-administered diet history questionnaire administered three times over three different seasons. *Nutr Cancer* 25:305-315.
- Hasling C, Charles P, Jensen FT, Mosekilde L. 1990. Calcium metabolism in postmenopausal osteoporosis: The influence of dietary calcium and net absorbed calcium. *J Bone Miner Res* 5:939-946.
- Health and Welfare Canada. 1990. *Nutrition Recommendations*. The Report of the Scientific Review Committee. Ottawa: Canadian Government Publishing Centre.
- Heaney RP, Recker RR. 1982. Effects of nitrogen, phosphorus, and caffeine on calcium balance in women. *J Lab Clin Med* 99:46-55.
- Heaney RP, Recker RR, Saville PD. 1977. Calcium balance and calcium requirements in middle-aged women. *Am J Clin Nutr* 30:1603-1611.

- Heaney RP, Recker RR, Saville PD. 1978. Menopausal changes in calcium balance performance. *J Lab Clin Med* 92:953-963.
- Hebert JR, Ma Y, Clemow L, Ockene IS, Saperia G, Stanek EJ, Merriam PA, Ockene JK. 1997. Gender differences in social desirability and social approval bias in dietary self-report. *Am J Epidemiol* 146:1046-1055.
- Hirano M, Honma K, Daimatsu T, Hayakawa K, Oizumi J, Zaima K, Kanke Y. 1992. Longitudinal variations of biotin content in human milk. *Int J Vitam Nutr Res* 62:281-282.
- Immink MDC, Sanjur D, Burgos M. 1983. Nutritional consequences of U.S. migration patterns among Puerto Rican women. *Ecol Food Nutr* 13:139-147.
- IOM (Institute of Medicine). 1994. *How Should the Recommended Dietary Allowances Be Revised?* Food and Nutrition Board. Washington, DC: National Academy Press.
- IOM (Institute of Medicine). 1997. *Dietary Reference Intakes for Calcium, Phosphorus, Magnesium, Vitamin D, and Fluoride*. Washington, DC: National Academy Press.
- IOM (Institute of Medicine). 1998a. *Dietary Reference Intakes: A Risk Assessment Model for Establishing Upper Intake Levels for Nutrients*. Washington, DC: National Academy Press.
- IOM (Institute of Medicine). 1998b. *Dietary Reference Intakes for Thiamin, Riboflavin, Niacin, Vitamin B₆, Folate, Vitamin B₁₂, Pantothenic Acid, Biotin, and Choline*. Washington, DC: National Academy Press.
- IOM (Institute of Medicine). 2000. *Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids*. Washington, DC: National Academy Press.
- Jackman LA, Millane SS, Martin BR, Wood OB, McCabe GP, Peacock M, Weaver CM. 1997. Calcium retention in relation to calcium intake and postmenarcheal age in adolescent females. *Am J Clin Nutr* 66:327-333.
- James WPT, Schofield EC. 1990. *Human Energy Requirements: A Manual for Planners and Nutritionists*. Oxford: Oxford University Press.
- Joachim G. 1997. The influence of time on dietary data: Differences in reported summer and winter food consumption. *Nutr Health* 12:33-43.
- Johnson RK, Soultanakis RP, Matthews DE. 1998. Literacy and body fatness are associated with underreporting of energy intake in U.S. low-income women using the multiple-pass 24-hour recall: A doubly labeled water study. *J Am Diet Assoc* 98:1136-1140.
- Johnston CC, Miller JZ, Slemenda CW, Reister TK, Hui S, Christian JC, Peacock M. 1992. Calcium supplementation and increases in bone mineral density in children. *N Engl J Med* 327:82-87.
- Juni RP. 1996. How should nutrient databases be evaluated? *J Am Diet Assoc* 96:120, 122.
- Kathman JV, Kies C. 1984. Pantothenic acid status of free living adolescent and young adults. *Nutr Res* 4:245-250.
- Kinyamu HK, Gallagher JC, Balhorn KE, Petranick KM, Rafferty KA. 1997. Serum vitamin D metabolites and calcium absorption in normal young and elderly free-living women and in women living in nursing homes. *Am J Clin Nutr* 65:790-797.
- Kohlmeier L, Bellach B. 1995. Exposure assessment error and its handling in nutritional epidemiology. *Annu Rev Public Health* 16:43-59.
- Kohlmeier L, Simonsen N, Mottus K. 1995. Dietary modifiers of carcinogenesis. *Environ Health Perspect* 103:177-184.

- Kohlmeier L, Mendez M, McDuffie J, Miller M. 1997. Computer-assisted self-interviewing: A multimedia approach to dietary assessment. *Am J Clin Nutr* 65:1275S-1281S.
- Krall EA, Sahyoun N, Tannenbaum S, Dallal GE, Dawson-Hughes B. 1989. Effect of vitamin D intake on seasonal variations in parathyroid hormone secretion in postmenopausal women. *N Engl J Med* 321:1777-1783.
- Kramer L, Osis D, Wiatrowski E, Spenser H. 1974. Dietary fluoride in different areas in the United States. *Am J Clin Nutr* 27:590-594.
- Kristal AR, Abrams BF, Thornquist MD, Disogra L, Croyle RT, Shattuck AL, Henry HJ. 1990. Development and validation of a food use checklist for evaluation of community nutrition interventions. *Am J Public Health* 80:1318-1322.
- Kristal AR, Feng Z, Coates RJ, Oberman A, George V. 1997. Associations of race/ethnicity, education, and dietary intervention with the validity and reliability of a food frequency questionnaire: The Women's Health Trial Feasibility Study in Minority Populations. *Am J Epidemiol* 146:856-869.
- Kuhnlein HV. 1992. Change in the use of traditional foods by the Nuxalk native people of British Columbia. *Ecol Food Nutr* 27:259-282.
- Kuhnlein HV, Soueida R. 1992. Use and nutrient composition of traditional Baffin Inuit foods. *J Food Comp Anal* 5:112-126.
- Kuhnlein HV, Soueida R, Receveur O. 1996. Dietary nutrient profiles of Canadian Baffin Island Inuit differ by food source, season, and age. *J Am Diet Assoc* 96:155-162.
- Leung SSF, Lui S, Swaminathan R. 1989. Vitamin D status of Hong Kong Chinese infants. *Acta Paediatr Scand* 78:303-306.
- Lichtman SW, Pisarska K, Berman ER, Pestone M, Dowling H, Offenbacher E, Weisel II, Heshka S, Matthews DE, Heymsfield SB. 1992. Discrepancy between self-reported and actual caloric intake and exercise in obese subjects. *N Engl J Med* 327:1893-1898.
- Liu K. 1988. Consideration of and compensation for intra-individual variability in nutrient intakes. In: Kohlmeier L, Helsing E, eds. *Epidemiology Nutrition and Health: Proceedings of the First Berlin Meeting on Nutritional Epidemiology*. London: Smith-Gordon/Nishimura. Pp. 87-106.
- Liu K, Stamler J, Dyer A, McKeever J, McKeever P. 1978. Statistical methods to assess and minimize the role of intra-individual variability in obscuring the relationship between dietary lipids and serum cholesterol. *J Chronic Dis* 31:399-418.
- Lloyd T, Andon MB, Rollings N, Martel JK, Landis R, Demers LM, Egli DF, Kieschhorst K, Kulin IIE. 1993. Calcium supplementation and bone mineral density in adolescent girls. *J Am Med Assoc* 270:841-844.
- Looker AC, Sempos CT, Liu K, Johnson CL, Gunter EW. 1990. Within-person variance in biochemical indicators of iron status: Effects on prevalence estimates. *Am J Clin Nutr* 52:541-547.
- LSRO (Life Sciences Research Office). 1986. *Guidelines for Use of Dietary Intake Data*. Bethesda, MD: LSRO/FASEB.
- Markestad T, Elzouki AY. 1991. Vitamin D-deficiency rickets in northern Europe and Libya. In: Glorieux FH, ed. *Rickets: Nestle Nutrition Workshop Series*, Vol 21. New York, NY: Raven Press.
- Marshall DH, Nordin BEC, Speed R. 1976. Calcium, phosphorus and magnesium requirement. *Proc Nutr Soc* 35:163-173.
- Martin AD, Bailey DA, McKay HIA. 1997. Bone mineral and calcium accretion during puberty. *Am J Clin Nutr* 66:611-615.

- Matkovic V. 1991. Calcium metabolism and calcium requirements during skeletal modeling and consolidation of bone mass. *Am J Clin Nutr* 54:245S–260S.
- Matkovic V, Heaney RP. 1992. Calcium balance during human growth: Evidence for threshold behavior. *Am J Clin Nutr* 55:992–996.
- Matkovic V, Fontana D, Tominac C, Goel P, Chesnut CH III. 1990. Factors that influence peak bone mass formation: A study of calcium balance and the inheritance of bone mass in adolescent females. *Am J Clin Nutr* 52:878–888.
- McClure FJ. 1943. Ingestion of fluoride and dental caries. Quantitative relations based on food and water requirements of children one to twelve years old. *Am J Dis Child* 66:362–369.
- McDowell MA. 1994. The NHANES III Supplemental Nutrition Survey of older Americans. *Am J Clin Nutr* 59:224S–226S.
- Mertz W, Kelsay JL. 1984. Rationale and design of the Beltsville one-year dietary intake study. *Am J Clin Nutr* 40:1323–1326.
- Mertz W, Tsui JC, Judd JT, Reiser S, Hallfrisch J, Morris ER, Steele PD, Lashley E. 1991. What are people really eating? The relation between energy intake derived from estimated diet records and intake determined to maintain body weight. *Am J Clin Nutr* 54:291–295.
- Nieman DC, Butterworth DE, Nieman CN, Lee KE, Lee RD. 1992. Comparison of six microcomputer dietary analysis systems with the USDA Nutrient Data Base for Standard Reference. *J Am Diet Assoc* 92:48–56.
- NRC (National Research Council). 1941. *Recommended Dietary Allowances: Protein, Calcium, Iron, Vitamin A, Vitamin B (Thiamin), Vitamin C (Ascorbic Acid), Riboflavin, Nicotinic Acid, Vitamin D*. Washington, DC: National Research Council.
- NRC (National Research Council). 1968. *Recommended Dietary Allowances*, 7th Ed. Washington, DC: National Academy of Sciences.
- NRC (National Research Council). 1980. *Recommended Dietary Allowances*, 9th Ed. Washington, DC: National Academy Press.
- NRC (National Research Council). 1986. *Nutrient Adequacy. Assessment Using Food Consumption Surveys*. Washington, DC: National Academy Press.
- NRC (National Research Council). 1989. *Recommended Dietary Allowances*, 10th Ed. Washington, DC: National Academy Press.
- Nusser SM, Carriquiry AL, Dodd KW, Fuller WA. 1996. A semiparametric transformation approach to estimating usual daily intake distributions. *J Am Stat Assoc* 91:1440–1449.
- O'Dowd KJ, Clemens TL, Kelsey JL, Lindsay R. 1993. Exogenous calciferol (vitamin D) and vitamin D endocrine status among elderly nursing home residents in the New York City area. *J Am Geriatr Soc* 41:414–421.
- Ohlson MA, Brewer WD, Jackson L, Swanson PP, Roberts PH, Mangel M, Leverton RM, Chaloupka M, Gram MR, Reynolds MS, Lutz R. 1952. Intakes and retentions of nitrogen, calcium and phosphorus by 136 women between 30 and 85 years of age. *Fed Proc* 11:775–783.
- Oliveira V, Gunderson C. 2000. *WIC and the Nutrient Intake of Children*. Food Assistance and Nutrition Research Report No. 5. Beltsville, MD: U.S. Department of Agriculture, Economic Research Service, Food and Rural Economics Division.
- Ophaug RH, Singer L, Harland BF. 1980a. Estimated fluoride intake of 6-month-old infants in four dietary regions of the United States. *Am J Clin Nutr* 33:324–327.

- Ophaug RH, Singer L, Harland BF. 1980b. Estimated fluoride intake of average two-year-old children in four dietary regions of the United States. *J Dent Res* 59:777-781.
- Ophaug RH, Singer L, Harland BF. 1985. Dietary fluoride intake of 6-month and 2-year-old children in four dietary regions of the United States. *Am J Clin Nutr* 42:701-707.
- Orwoll ES, Oviatt SK, McClung MR, Deftos LJ, Sexton G. 1990. The rate of bone mineral loss in normal men and the effects of calcium and cholecalciferol supplementation. *Ann Intern Med* 112:29-34.
- Osis D, Kramer L, Wiatrowski E, Spencer H. 1974. Dietary fluoride intake in man. *J Nutr* 104:1313-1318.
- Prince R, Smith M, Dick IM, Price RI, Webb PG, Henderson NK, Harris MM. 1991. Prevention of postmenopausal osteoporosis. A comparative study of exercise, calcium supplementation, and hormone-replacement therapy. *N Engl J Med* 325:1189-1195.
- Prince R, Devine A, Dick I, Criddle A, Kerr D, Kent N, Price R, Randell A. 1995. The effects of calcium supplementation (milk powder or tablets) and exercise on bone density in postmenopausal women. *J Bone Miner Res* 10:1068-1075.
- Rand WM, Pennington JAT, Murphy SP, Klensin JC. 1991. *Compiling Data for Food Composition Data Bases*. Tokyo: United Nations University Press.
- Receveur O, Boulay M, Kuhnlein HV. 1997. Decreasing traditional food use affects diet quality for adult Dene/Metis in 16 communities of the Canadian Northwest Territories. *J Nutr* 127:2179-2186.
- Recker RR, Hinders S, Davies KM, Heaney RP, Stegman MR, Lappe JM, Kimmel DB. 1996. Correcting calcium nutritional deficiency prevents spine fractures in elderly women. *J Bone Miner Res* 11:1961-1966.
- Reid IR, Ames RW, Evans MC, Gamble GD, Sharpe SJ. 1995. Long-term effects of calcium supplementation on bone loss and fractures in postmenopausal women: A randomized controlled trial. *Am J Med* 98:331-335.
- Riis B, Thomsen K, Christiansen C. 1987. Does calcium supplementation prevent postmenopausal bone loss? *N Engl J Med* 316:173-177.
- Rose D, Habicht JP, Devancy B. 1998. Household participation in the Food Stamp and WIC programs increases the nutrient intakes of preschool children. *J Nutr* 128:548-555.
- Salmenpera L, Perheentupa J, Pispa JP, Siimes MA. 1985. Biotin concentrations in maternal plasma and milk during prolonged lactation. *Int J Vitam Nutr Res* 55:281-285.
- Scoby PL. 1994. Calcium requirement—A reappraisal of the methods used in its determination and their application to patients with osteoporosis. *Am J Clin Nutr* 60:944-948.
- Sempos CT, Johnson NE, Smith EL, Gilligan C. 1985. Effects of intraindividual and interindividual variation in repeated dietary records. *Am J Epidemiol* 121:120-130.
- Sims LS. 1996. Uses of the Recommended Dietary Allowances: A commentary. *J Am Diet Assoc* 96:659-662.
- Singer L, Ophaug R. 1979. Total fluoride intakes of infants. *Pediatrics* 63:460-466.
- Singer L, Ophaug RH, Harland BF. 1980. Fluoride intakes of young male adults in the United States. *Am J Clin Nutr* 33:328-332.
- Singer L, Ophaug RH, Harland BF. 1985. Dietary fluoride intake of 15-19-year-old male adults residing in the United States. *J Dent Res* 64:1302-1305.

- Smith AF, Jobe JB, Mingay DJ. 1991a. Retrieval from memory of dietary information. *Appl Cognitive Psychol* 5:269-296.
- Smith CJ, Schakel SF, Nelson RG. 1991b. Selected traditional and contemporary foods currently used by the Pima Indians. *J Am Diet Assoc* 91:338-341.
- Snedecor GW, Cochran WG. 1980. *Statistical Methods*, 7th edition. Ames, Iowa: Iowa State University Press.
- Specker BL, Ho ML, Oestreich A, Yin TA, Shui QM, Chen XC, Tsang RC. 1992. Prospective study of vitamin D supplementation and rickets in China. *J Pediatr* 120:733-739.
- Spencer H, Kramer L, Lesniak M, DeBartolo M, Norris C, Osis D. 1984. Calcium requirements in humans. Report of original data and a review. *Clin Orthop Relat Res* 184:270-280.
- Spencer H, Osis D, Lender M. 1981. Studies of fluoride metabolism in man. A review and report of original data. *Sci Total Environ* 17:1-12.
- Srinivasan V, Christensen N, Wyse BW, Hansen RG. 1981. Pantothenic acid nutritional status in the elderly—Institutionalized and noninstitutionalized. *Am J Clin Nutr* 34:1736-1742.
- Stefanski LA, Bay JM. 1996. Simulation extrapolation deconvolution of finite population cumulative distribution function estimators. *Biometrika* 83:407-417.
- Subar AF, Frey CM, Harlan LC, Kahle L. 1994. Differences in reported food frequency by season of questionnaire administration: The 1987 National Health Interview Survey. *Epidemiology* 5:226-233.
- Tarasuk V, Beaton GH. 1991a. Menstrual-cycle patterns in energy and macronutrient intake. *Am J Clin Nutr* 53:442-447.
- Tarasuk V, Beaton GH. 1991b. The nature and individuality of within-subject variation in energy intake. *Am J Clin Nutr* 54:464-470.
- Tarasuk V, Beaton GH. 1992. Statistical estimation of dietary parameters: Implications of patterns in within-subject variation—A case study of sampling strategies. *Am J Clin Nutr* 55:22-27.
- Tarr JB, Tamura T, Stokstad EL. 1981. Availability of vitamin B₆ and pantothenate in an average American diet in man. *Am J Clin Nutr* 34:1328-1337.
- Taves DR. 1983. Dietary intake of fluoride ashed (total fluoride) v. unashed (inorganic fluoride) analysis of individual foods. *Br J Nutr* 49:295-301.
- Teufel NI. 1997. Development of culturally competent food-frequency questionnaires. *Am J Clin Nutr* 65:1173S-1178S.
- Thompson CH, Head MK, Rodman SM. 1987. Factors influencing accuracy in estimating plate waste. *J Am Diet Assoc* 87:1219-1220.
- Thompson FE, Byers T. 1994. Dietary assessment resource manual. *J Nutr* 124:2245S-2317S.
- Tsubono Y, Kobayashi M, Takahashi T, Iwase Y, Itoi Y, Akabane M, Tsugane S. 1997. Within- and between-person variations in portion sizes of foods consumed by the Japanese population. *Nutr Cancer* 29:140-145.
- USDA (U.S. Department of Agriculture, Human Nutrition Information Service). 1992. The Food Guide Pyramid. Home and Garden Bulletin No. 252, 32 pp.
- USDA (U.S. Department of Agriculture, Agricultural Research Service). 1999. USDA Nutrient Database for Standard Reference, Release 13. Nutrient Data Laboratory Home Page. Available from: <<http://www.nal.usda.gov/fnic/foodcomp>>.
- U.S. Departments of the Army, the Navy, and the Air Force. 1985. Army Regulation 40-25/Navy Command Medical Instruction 10110.1/Air Force Regulation 160-95. *Nutritional Allowances, Standards, and Education*. May 15. Washington, D.C.

- Van Staveren WA, Hautvast JG, Katan MB, Van Montfort MA, Van Oosten-Van der Gocs IIG. 1982. Dietary fiber consumption in an adult Dutch population. *J Am Diet Assoc* 80:324-330.
- Van Staveren WA, Deurenberg P, Burema J, de Groot LC, Hautvast JG. 1986. Seasonal variation in food intake, pattern of physical activity and change in body weight in a group of young adult Dutch women consuming self-selected diets. *Int J Obes* 10:133-145.
- Van Staveren WA, de Groot LC, Blauw YH, van der Wielen RPJ. 1994. Assessing diets of elderly people: Problems and approaches. *Am J Clin Nutr* 59:221S-223S.
- Watt BK, Merrill AL, Pecot RK. 1963. *Composition of Foods; Raw, Processed, Prepared*. Agriculture Handbook No. 8. Washington, DC: U.S. Department of Agriculture.
- Welsh S, Davis C, Shaw A. 1992. Development of the food guide pyramid. *Nutr Today* 27:12-23.
- Willett WC, Reynolds RD, Cottrell-Hoehner S, Sampson L, Browne ML. 1987. Validation of a semi-quantitative food frequency questionnaire: Comparison with a 1-year diet record. *J Am Diet Assoc* 87:43-47.
- Wolter KM. 1985. *Introduction to Variance Estimation*. New York: Springer-Verlag.
- Yang W, Read M. 1996. Dietary pattern changes of Asian immigrants. *Nutr Res* 16:1277-1293.
- Young CM. 1981. Dietary methodology. In: *Assessing Changing Food Consumption Patterns*. Food and Nutrition Board, National Research Council. Washington, DC: National Academy Press. Pp. 89-118.
- Zeisel SH, da Costa KA, Franklin PD, Alexander EA, Lamont JT, Sheard NF, Beiser A. 1991. Choline, an essential nutrient for humans. *FASEB J* 5:2093-2098.

