**Table 5g. Location of outcomes in the original publication for observational studies**

| **Author, year** | **BMI**  **Outcome Definition** | **BMI Outcome Reported Locations** | **Weight**  **Outcome Definition** | **Weight Outcome Reported Locations** | **Waist Circumference**  **Outcome Definition** | **Waist Circumference Outcome Reported Locations** | **Other**  **Outcome Definition** | **Other Outcome Reported Locations** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Adair, 201111 | NR |  | Kg weight change across eight survey years with 98% of women contributing 3 measures over 24 months | Tables 2 and 3 | NR |  | NR |  |
| Berry, 201012 | Ordinal regression model predicting change in BMI. Estimate, significance and 95% CI provided. BMI categorized as 0.5 BMI decrease, stable (within 0.5 BMI), between 0.5 and 2.0 BMI units increase and greater than 2.0 BMI units increase. The reference group to interpret the ordinal regression model was not provided, but it appears from the text that negative values represent less weight gain. | Table 2 | NR |  | NR |  | NR |  |
| Bes-Rastrollo, 200913 | Unit change per year; gaining 2kg or more per year; incident overweight/obesity (BMI >=25) among those that were not overweight or obese at baseline | Tables, 2,3 and 4.  Page 1358 for the sex and chronic disease subanalyses. | NR |  | NR |  | NR |  |
| Lee, 201114 | NR |  | Kg gained over 13 years with mean contribution to the weight change outcomes of 2.9 years.  Gaining fewer than 2.3 kg among those who were normal weight (BMI 18.5 to 24.9) at baseline. | Tables 2 and 3, Page 5 | NR |  | NR |  |
| Lewis, 199715 | NR |  | KG weight change over 7 years | Table 5, p639 | NR |  | NR |  |
| Mozaffarian, 201116 | NR |  | Pounds of weight change every 4 years; multivariable analysis | Table 3, page 2399. Subanalyses page 2396.  Average weight gain over time, page 2395. | NR |  | NR |  |
| Pereira, 200517 | NR |  | Kg gained over 15 years | Table 3. Subanalyses page 40. | NR |  | NR |  |
| Purslow, 200818 | NR |  | Kg change across 3.7 mean years of followup | Table 2, page 190 for subgroups | NR |  | NR |  |
| Schulz, 200519 | NR |  | Kg change per year | Table 3, page 1186 for subgroups | NR |  | NR |  |
| Vioque, 200820 | NR |  | Weight gain greater than or equal to the observed mean of 3.4 kg | Table 4 | NR |  | NR |  |

NR = Not Reported; Kg = kilogram; CI = Confidence Interval; BMI = Body Mass Index

**References**

1. Howard BV, Manson JE, Stefanick ML et al. Low-fat dietary pattern and weight change over 7 years: the Women's Health Initiative Dietary Modification Trial. JAMA 2006; 295(1):39-49.

2. Schmitz KH, Hannan PJ, Stovitz SD, Bryan CJ, Warren M, Jensen MD. Strength training and adiposity in premenopausal women: strong, healthy, and empowered study. Am J Clin Nutr 2007; 86(3):566-72.

3. Petrella RJ, Koval JJ, Cunningham DA, Paterson DH. Can primary care doctors prescribe exercise to improve fitness? The Step Test Exercise Prescription (STEP) project. Am J Prev Med 2003; 24(4):316-22.

4. Lamb SE, Bartlett HP, Ashley A, Bird W. Can lay-led walking programmes increase physical activity in middle aged adults? A randomised controlled trial. Journal of Epidemiology and Community Health 2002; 56(4):246-52.

5. Muscari A, Giannoni C, Pierpaoli L et al. Chronic endurance exercise training prevents aging-related cognitive decline in healthy older adults: A randomized controlled trial. International Journal of Geriatric Psychiatry 2010; 25(10):1055-64.

6. French SA, Gerlach AF, Mitchell NR, Hannan PJ, Welsh EM. Household Obesity Prevention: Take Action-a Group-Randomized Trial. Obesity (Silver Spring) 2011.

7. Levine MD, Klem ML, Kalarchian MA et al. Weight gain prevention among women. Obesity (Silver Spring) 2007; 15(5):1267-77.

8. Burke V, Giangiulio N, Gillam HF, Beilin LJ, Houghton S. Physical activity and nutrition programs for couples: a randomized controlled trial. Journal of Clinical Epidemiology 2003; 56(5):421-32.

9. Bhargava A, Guthrie JF. Unhealthy eating habits, physical exercise and macronutrient intakes are predictors of anthropometric indicators in the Women's Health Trial: Feasibility Study in Minority Populations. The British Journal of Nutrition 2002; 88(6):719-28.

10. Fortmann SP, Williams PT, Hulley SB, Haskell WL, Farquhar JW. Effect of health education on dietary behavior: the Stanford Three Community Study. Am J Clin Nutr 1981; 34(10):2030-8.

11. Adair LS, Gultiano S, Suchindran C. 20-year trends in Filipino women's weight reflect substantial secular and age effects. J Nutr 2011; 141(4):667-73.

12. Berry TR, Spence JC, Blanchard C, Cutumisu N, Edwards J, Nykiforuk C. Changes in BMI over 6 years: the role of demographic and neighborhood characteristics. Int J Obes (Lond) 2010; 34(8):1275-83.

13. Bes-Rastrollo M, Basterra-Gortari F, S+ínchez-Villegas A, Marti A, Mart+¡nez J, Mart+¡nez-Gonz+ílez M. A prospective study of eating away-from-home meals and weight gain in a Mediterranean population: the SUN (Seguimiento Universidad de Navarra) cohort. Public Health Nutrition 2010; 13(9):1356-63.

14. Lee I, Djouss+\_ L, Sesso H, Wang L, Buring J. Physical activity and weight gain prevention. JAMA: Journal of the American Medical Association 2010; 303(12):1173-9.

15. Lewis C, Smith D, Wallace D, Williams O, Bild D, Jacobs DJr. Seven-year trends in body weight and associations with lifestyle and behavioral characteristics in Black and White young adults: the CARDIA Study. American Journal of Public Health 1997; 87(4):635-42.

16. Mozaffarian D, Hao T, Rimm EB, Willett WC, Hu FB. Changes in Diet and Lifestyle and Long-Term Weight Gain in Women and Men: New England Journal of Medicine. N Engl J Med 2011; 364(25):2392-404.

17. Pereira MA, Kartashav AI, Ebbeling CB et al. Fast-food habits, weight gain, and insulin resistance (the CARDIA study): 15-year prospective analysis. The Lancet 2005; 365(9453):36-42.

18. Purslow LR, Sandhu MS, Forouhi N et al. Energy intake at breakfast and weight change: prospective study of 6,764 middle-aged men and women. Am J Epidemiol 2008; 167(2):188-92.

19. Schulz M, Nothlings U, Hoffmann K, Bergmann MM, Boeing H. Identification of a food pattern characterized by high-fiber and low-fat food choices associated with low prospective weight change in the EPIC-Potsdam cohort. J Nutr 2005; 135(5):1183-9.

20. Ballor DL, Harvey-Berino JR, Ades PA, Cryan J, Calles-Escandon J. Contrasting effects of resistance and aerobic training on body composition and metabolism after diet-induced weight loss. Metabolism 1996; 45(2):179-83.