

Meeting: 1003, Atlanta, Georgia, MAA CP L1, MAA Session on Using Real-World Data to Illustrate Statistical Concepts, I

1003-L1-217 **Carolyn K. Cuff*** (ccuff@westminster.edu), Westminster College, Hoyt Resources Science Center, New Wilmington, PA 16172-1012, and **Mary Sullivan.** *Nutritional Data of Crackers.*

Nutrition data for 92 types of crackers are given. The data set offers opportunities to investigate skewed and bimodal distributions of individual variables, clusters in scatterplots, and paired t-tests between original and reduced fat and original and reduced sodium crackers. Multiple regression can be used to compare the reported calories to a known model of calories in food. The data set offers many opportunities for investigations and classroom illustrations and can be used as a starting point for student projects. (Received August 30, 2004)