

Additional file 2 – Proportion of food products that qualified for Sensible Solutions™ compared to the proportion of food products that carried the systems symbol by subcategory (N=3009)

Category	N	Products Carrying Sensible Solutions™ N (%)	Absolute threshold criteria			Based on Relative threshold criteria		
			Products qualifying for Sensible Solutions™ N (%)	P-Value*	Kappa coefficient (confidence interval) †	Products qualifying for Sensible Solutions™ N (%)	P-Value*	Kappa coefficient†
Beverages								
100% Juice‡	317	0 (0.0)	216 (68.1)	<.0001	0.0 (0.0-0.0)	- (-)	-	-
Refreshment Beverages	238	15 (6.3)	4 (1.7)	0.0074	0.2 (-0.1-0.4)	238 (100.0)	<.0001	0.0 (0.0-0.0)
Cheese and Dairy								
Natural and processed cheese	413	5 (1.2)	17 (4.1)	0.0169	-0.0 (-0.0--0.0)	404 (97.8)	<.0001	0.0 (-0.0-0.0)
Cream cheese	57	0 (0.0)	0 (0.0)	-	-	40 (70.1)	<.0001	0.0 (0.0-0.0)
Grated parmesan, Romano cheese, Cheese spreads and dip§	69	0 (0.0)	- (-)	-	-	64 (92.8)	<.0001	-0.0 (-0.0--0.0)
Desserts	142	3 (2.1)	0 (0.0)	0.2500	-0.0 (-0.0--0.0)	103 (72.5)	<.0001	0.0 (-0.0-0.0)
Cookies and Crackers	536	77 (14.4)	67 (12.5)	0.3682	0.2 (0.1-0.3)	479 (89.4)	<.0001	0.0 (0.0-0.0)
Salad Dressings	228	0 (0.0)	1 (0.44)	1.0000	0.0 (0.0-0.0)	215 (94.3)	<.0001	0.0 (0.0-0.0)
Mayonnaise and Miracle Whip	38	3 (7.9)	0 (0.0)	0.2500	0.0 (0.0-0.0)	35 (92.1)	<.0001	0.0 (-0.0-0.0)

Convenient Meals	945	13 (1.4)	432 (45.7)	<.0001	0.0 (0.0-0.0)	777 (82.2)	<.0001	0.0 (0.0-0.0)
Peanut Butter	26	6 (23.1)	0 (0.0)	0.0313	0.0 (0.0-0.0)	24 (92.3)	<.0001	0.0 (-0.0-0.1)

*P-Value for exact McNemar's test to compare paired proportions; testing whether the proportion of products qualifying for the FOP symbol is statistically different from the proportion carrying the FOP.

†The kappa coefficient measures the difference between observed agreement and expected agreement and lies on a scale of -1 to 1, where 0.0 is considered 'poor' agreement, 0.2 'slight', 0.4 'fair', 0.6 'moderate', 0.8 'substantial', and 1.0 'almost perfect' agreement.

‡Sensible Solutions™ does not have relative threshold criteria established for 100% Juice.

§ Sensible Solutions™ does not have absolute threshold criteria established for Grated parmesan, Romano cheese, Cheese spreads and dip.

“-” Indicates that there were no products available for a meaningful calculation.