**Table S2.** Minimum Calories: Overall food group based pairings, chi-square statistics, and top-food matches.

Spices and Herbs

--overall chi-square: 0.127983594959 degrees of freedom: 8.0

 Vegetables and Vegetable Products 3154 localChiSquare: 0.0437105756575 degrees of freedom: 1

 Edamame, frozen, unprepared 20

 Lambsquarters, raw 20

 Squash, zucchini, baby, raw 20

 Lambsquarters, cooked, boiled, drained, without salt 19

 Lambs quarters, cooked, boiled, drained, with salt 19

 Edamame, frozen, prepared 18

 Asparagus, frozen, cooked, boiled, drained, with salt 18

 Spinach, frozen, chopped or leaf, cooked, boiled, drained, without salt 16

 Legumes and Legume Products 1222 localChiSquare: 0.0337375944858 degrees of freedom: 1

 Winged beans, mature seeds, raw 16

 Soy sauce made from soy (tamari) 15

 MORI-NU, Tofu, silken, soft 15

 Tofu, soft, prepared with calcium sulfate and magnesium chloride (nigari) 14

 Tofu, dried-frozen (koyadofu) 14

 Tofu, hard, prepared with nigari 14

 MORI-NU, Tofu, silken, extra firm 14

 MOR-NU, Tofu, silken, lite firm 14

 MORI-NU, Tofu, silken, lite extra firm 14

 Cereal Grains and Pasta 375 localChiSquare: 0.0297931411587 degrees of freedom: 1

 Wheat germ, crude 12

 Oat bran, raw 5

 Oat bran, cooked 5

 Wheat bran, crude 5

 Amaranth, uncooked 4

 Nut and Seed Products 358 localChiSquare: 0.0153594015368 degrees of freedom: 1

 Seeds, cottonseed flour, partially defatted (glandless) 9

 Seeds, cottonseed flour, low fat (glandless) 9

 Seeds, cottonseed meal, partially defatted (glandless) 9

 Seeds, breadfruit seeds, boiled 8

 Seeds, sunflower seed flour, partially defatted 8

 Seeds, breadfruit seeds, roasted 8

 Seeds, pumpkin and squash seeds, whole, roasted, without salt 8

 Seeds, pumpkin and squash seeds, whole, roasted, with salt added 8

 Nuts, ginkgo nuts, dried 7

 Seeds, cottonseed kernels, roasted (glandless) 7

 Fruits and Fruit Juices 343 localChiSquare: 0.0212023362316 degrees of freedom: 1

 Cranberries, raw 7

 Watermelon, raw 7

 Rhubarb, raw 6

 Lime juice, raw 5

 Orange juice, chilled, includes from concentrate 5

 Orange juice, chilled, includes from concentrate, fortified with calcium and vitamin D 5

 Orange juice, chilled, includes from concentrate, fortified with calcium 5

 Apricots, dehydrated (low-moisture), sulfured, stewed 4

 Apricots, frozen, sweetened 4

 Cherimoya, raw 4

 Breakfast Cereals 155 localChiSquare: 0.0143700619506 degrees of freedom: 1

 Cereals ready-to-eat, wheat germ, toasted, plain 13

 Incaparina, dry mix (corn and soy flours), unprepared 5

 Cereals, oats, regular and quick and instant, unenriched, cooked with water (includes boiling and microwaving), without salt 4

 Cereals, CREAM OF WHEAT, 1 minute cook time, cooked with water, microwaved, without salt 4

 Cereals, oats, regular and quick and instant, not fortified, dry 3

 Cereals, oats, instant, fortified, plain, prepared with water (boiling water added or microwaved) 3

 Cereals, CREAM OF WHEAT, instant, prepared with water, with salt, (wheat) 2

 Spices and Herbs 90 localChiSquare: 2.24420706712e-05 degrees of freedom: 1

 Spices, parsley, dried 14

 Spices, fenugreek seed 12

 Spices, mustard seed, ground 9

 Mustard, prepared, yellow 7

 Spices, caraway seed 6

 Basil, fresh 6

 Spices, oregano, dried 5

 Dill weed, fresh 5

 Rosemary, fresh 3

 Fats and Oils 11 localChiSquare: 0.00172170323173 degrees of freedom: 1

 Sandwich spread, with chopped pickle, regular, unspecified oils 2

 Beverages 9 localChiSquare: 0.000822778619153 degrees of freedom: 1

 Orange drink, breakfast type, with juice and pulp, frozen concentrate 3

 Coffee, instant, decaffeinated, powder 2

Fats and Oils

--overall chi-square: 0.437442516486 degrees of freedom: 8.0

 Vegetables and Vegetable Products 443 localChiSquare: 0.341545008061 degrees of freedom: 1

 Peas and carrots, frozen, cooked, boiled, drained, without salt 6

 Squash, summer, crookneck and straightneck, raw 4

 Squash, summer, crookneck and straightneck, canned, drained, solid, without salt 4

 Squash, summer, crookneck and straightneck, frozen, cooked, boiled, drained, without salt 4

 Squash, summer, scallop, raw 4

 Squash, summer, zucchini, includes skin, raw 4

 Squash, summer, zucchini, includes skin, frozen, cooked, boiled, drained, without salt 4

 Squash, summer, all varieties, raw 4

 Squash, summer, zucchini, includes skin, frozen, cooked, boiled, drained, with salt 4

 Squash, zucchini, baby, raw 4

 Legumes and Legume Products 97 localChiSquare: 0.00138318504018 degrees of freedom: 1

 Bacon, meatless 3

 Meat extender 3

 Sausage, meatless 3

 Soybeans, mature seeds, raw 3

 Soybeans, mature cooked, boiled, without salt 3

 Soybeans, mature seeds, roasted, salted 3

 Soybeans, mature seeds, dry roasted 3

 Soy flour, full-fat, raw 3

 Soy flour, full-fat, roasted 3

 Soy flour, defatted 3

 Nut and Seed Products 22 localChiSquare: 0.0443259329393 degrees of freedom: 1

 Seeds, pumpkin and squash seeds, whole, roasted, without salt 6

 Fruits and Fruit Juices 14 localChiSquare: 0.0704560831334 degrees of freedom: 1

 Avocados, raw, all commercial varieties 3

 Spices and Herbs 11 localChiSquare: 0.00067278581042 degrees of freedom: 1

 Spices, cinnamon, ground 4

 Spices, mustard seed, ground 2

 Cereal Grains and Pasta 7 localChiSquare: 0.113781851868 degrees of freedom: 1

 Wheat germ, crude 5

 Breakfast Cereals 6 localChiSquare: 0.0381846723753 degrees of freedom: 1

 Cereals ready-to-eat, wheat germ, toasted, plain 5

Breakfast Cereals

--overall chi-square: 0.744160554109 degrees of freedom: 8.0

 Vegetables and Vegetable Products 3928 localChiSquare: 0.00650430697311 degrees of freedom: 1

 Horseradish-tree, leafy tips, cooked, boiled, drained, with salt 76

 Cauliflower, green, raw 73

 Cauliflower, green, cooked, no salt added 73

 Cauliflower, green, cooked, with salt 73

 Cauliflower, cooked, boiled, drained, with salt 71

 Jute, potherb, cooked, boiled, drained, without salt 70

 Jute, potherb, cooked, boiled, drained, with salt 70

 Legumes and Legume Products 3358 localChiSquare: 0.570718926202 degrees of freedom: 1

 Tofu, dried-frozen (koyadofu) 72

 Tofu, raw, regular, prepared with calcium sulfate 72

 Tofu, dried-frozen (koyadofu), prepared with calcium sulfate 72

 Tofu, soft, prepared with calcium sulfate and magnesium chloride (nigari) 71

 Winged beans, mature seeds, raw 71

 Tofu, extra firm, prepared with nigari 71

 Soybeans, mature seeds, cooked, boiled, with salt 71

 Soy flour, full-fat, raw, crude protein basis (N x 6.25) 71

 Cereal Grains and Pasta 221 localChiSquare: 0.0835899764968 degrees of freedom: 1

 Wheat germ, crude 66

 Oat bran, raw 3

 Oat bran, cooked 2

 Wheat bran, crude 2

 Amaranth, uncooked 1

 Nut and Seed Products 162 localChiSquare: 0.0706252911305 degrees of freedom: 1

 Seeds, lotus seeds, raw 23

 Seeds, lotus seeds, dried 17

 Seeds, pumpkin and squash seeds, whole, roasted, with salt added 9

 Seeds, pumpkin and squash seeds, whole, roasted, without salt 8

 Seeds, breadfruit seeds, raw 2

 Spices and Herbs 155 localChiSquare: 0.00111811680144 degrees of freedom: 1

 Spices, fenugreek seed 71

 Spices, parsley, dried 70

 Spices, mustard seed, ground 2

 Spearmint, fresh 2

 Rosemary, fresh 1

 Breakfast Cereals 134 localChiSquare: 0.0275864239562 degrees of freedom: 1

 Cereals ready-to-eat, wheat germ, toasted, plain 67

 Cereals, CREAM OF WHEAT, instant, prepared with water, with salt, (wheat) 1

 Fruits and Fruit Juices 84 localChiSquare: 0.0946178637655 degrees of freedom: 1

 Lime juice, raw 6

 Apples, dried, sulfured, stewed, with added sugar 4

 Apples, raw, without skin, cooked, microwave 3

 Apples, dehydrated (low moisture), sulfured, stewed 3

 Apples, frozen, unsweetened, heated 3

 Apples, frozen, unsweetened, unheated 2

 Tangerines, (mandarin oranges), canned, light syrup pack 2

 Tangerine juice, frozen concentrate, sweetened, diluted with 3 volume water 2

 Peaches, spiced, canned, heavy syrup pack, solids and liquids 1

 Fats and Oils 6 localChiSquare: 0.0034305783841 degrees of freedom: 1

 Salad dressing, italian dressing, reduced fat 2

 Salad dressing, french dressing, commercial, regular 1

 Beverages 4 localChiSquare: 0.00228339004268 degrees of freedom: 1

 Coffee, instant, decaffeinated, powder 1

Fruits and Fruit Juices

--overall chi-square: 0.446360692199 degrees of freedom: 8.0

 Vegetables and Vegetable Products 9127 localChiSquare: 0.235603058596 degrees of freedom: 1

 Squash, zucchini, baby, raw 94

 Peas and carrots, frozen, cooked, boiled, drained, without salt 92

 Lambsquarters, cooked, boiled, drained, without salt 86

 Lambs quarters, cooked, boiled, drained, with salt 86

 Cauliflower, cooked, boiled, drained, with salt 80

 Squash, summer, zucchini, includes skin, frozen, cooked, boiled, drained, with salt 80

 Cauliflower, green, cooked, no salt added 80

 Cauliflower, green, cooked, with salt 80

 Legumes and Legume Products 2912 localChiSquare: 0.0403438257158 degrees of freedom: 1

 Soy flour, defatted 70

 Soy meal, defatted, raw 70

 Soy flour, low-fat, crude protein basis (N x 6.25) 70

 Soy meal, defatted, raw, crude protein basis (N x 6.25) 70

 Soybeans, mature seeds, cooked, boiled, with salt 69

 Soy flour, defatted, crude protein basis (N x 6.25) 69

 Soy flour, full-fat, raw 68

 Soy flour, full-fat, roasted 68

 MORI-NU, Tofu, silken, firm 68

 Nut and Seed Products 472 localChiSquare: 0.0457858010605 degrees of freedom: 1

 Seeds, pumpkin and squash seeds, whole, roasted, without salt 95

 Seeds, lotus seeds, dried 62

 Seeds, lotus seeds, raw 62

 Seeds, sisymbrium sp. seeds, whole, dried 19

 Seeds, cottonseed flour, low fat (glandless) 12

 Seeds, cottonseed meal, partially defatted (glandless) 11

 Nuts, formulated, wheat-based, flavored, macadamia flavored, without salt 11

 Spices and Herbs 343 localChiSquare: 0.00771386781449 degrees of freedom: 1

 Spices, fenugreek seed 72

 Spices, parsley, dried 64

 Spices, mustard seed, ground 49

 Fruits and Fruit Juices 164 localChiSquare: 0.0907380361535 degrees of freedom: 1

 Avocados, raw, Florida 31

 Avocados, raw, all commercial varieties 13

 Avocados, raw, California 9

 Raisins, seedless 8

 Melons, cantaloupe, raw 6

 Applesauce, canned, sweetened, without salt (includes USDA commodity) 4

 Applesauce, canned, sweetened, with salt 4

 Persimmons, japanese, raw 4

 Cereal Grains and Pasta 128 localChiSquare: 0.117945737403 degrees of freedom: 1

 Wheat germ, crude 47

 Amaranth, uncooked 19

 Quinoa, uncooked 14

 Quinoa, cooked 13

 Tapioca, pearl, dry 8

 Buckwheat 4

 Buckwheat groats, roasted, cooked 4

 Buckwheat flour, whole-groat 4

 Arrowroot flour 3

 Breakfast Cereals 84 localChiSquare: 0.0447557378181 degrees of freedom: 1

 Cereals ready-to-eat, wheat germ, toasted, plain 49

 Cereals, oats, regular and quick and instant, unenriched, cooked with water (includes boiling and microwaving), without salt 10

 Cereals, oats, instant, fortified, plain, dry 8

 Incaparina, dry mix (corn and soy flours), unprepared 7

 Cereals, oats, instant, fortified, plain, prepared with water (boiling water added or microwaved) 6

 Cereals, oats, regular and quick and instant, not fortified, dry 2

 Cereals, farina, enriched, cooked with water, with salt 1

 Fats and Oils 14 localChiSquare: 0.00292181342195 degrees of freedom: 1

 Salad dressing, french dressing, reduced fat 8

 Margarine, regular, hard, soybean (hydrogenated) 3

 Beverages 1 localChiSquare: 0.00305286941483 degrees of freedom: 1

 Orange drink, breakfast type, with juice and pulp, frozen concentrate 1

Vegetables and Vegetable Products

--overall chi-square: 0.0888049352608 degrees of freedom: 8.0

 Vegetables and Vegetable Products 73648 localChiSquare: 0.0433009966352 degrees of freedom: 1

 Squash, zucchini, baby, raw 618

 Lambsquarters, cooked, boiled, drained, without salt 614

 Lambs quarters, cooked, boiled, drained, with salt 614

 Lambsquarters, raw 581

 Squash, summer, zucchini, includes skin, frozen, cooked, boiled, drained, with salt 500

 Asparagus, frozen, cooked, boiled, drained, with salt 447

 Squash, summer, all varieties, raw 434

 Squash, summer, zucchini, includes skin, raw 428

 Legumes and Legume Products 23940 localChiSquare: 0.00747006934125 degrees of freedom: 1

 MORI-NU, Tofu, silken, soft 416

 Soy sauce made from soy and wheat (shoyu), low sodium 359

 Tofu, extra firm, prepared with nigari 315

 Tofu, soft, prepared with calcium sulfate and magnesium chloride (nigari) 312

 Tofu, raw, firm, prepared with calcium sulfate 312

 Tofu, raw, regular, prepared with calcium sulfate 310

 Tofu, dried-frozen (koyadofu), prepared with calcium sulfate 303

 Cereal Grains and Pasta 9639 localChiSquare: 0.0232901560145 degrees of freedom: 1

 Wheat germ, crude 362

 Wheat bran, crude 221

 Macaroni, protein-fortified, dry, enriched, (n x 6.25) 131

 Spaghetti, protein-fortified, dry, enriched (n x 6.25) 130

 Spaghetti, protein-fortified, dry, enriched (n x 5.70) 124

 Macaroni, protein-fortified, dry, enriched, (n x 5.70) 122

 Macaroni, protein-fortified, cooked, enriched, (n x 5.70) 108

 Macaroni, protein-fortified, cooked, enriched, (n x 6.25) 108

 Nut and Seed Products 9531 localChiSquare: 0.00899875952089 degrees of freedom: 1

 Seeds, cottonseed meal, partially defatted (glandless) 349

 Seeds, sunflower seed flour, partially defatted 303

 Seeds, pumpkin and squash seeds, whole, roasted, without salt 301

 Seeds, pumpkin and squash seeds, whole, roasted, with salt added 301

 Seeds, cottonseed kernels, roasted (glandless) 278

 Seeds, sesame flour, low-fat 258

 Seeds, safflower seed meal, partially defatted 241

 Seeds, sesame flour, partially defatted 231

 Fruits and Fruit Juices 9127 localChiSquare: 0.0140288891701 degrees of freedom: 1

 Loquats, raw 93

 Bananas, raw 92

 Apricots, dried, sulfured, stewed, without added sugar 91

 Apricots, dried, sulfured, stewed, with added sugar 91

 Plums, dried (prunes), uncooked 91

 Strawberries, canned, heavy syrup pack, solids and liquids 91

 Strawberries, frozen, sweetened, whole 91

 Breakfast Cereals 3928 localChiSquare: 0.0120526785043 degrees of freedom: 1

 Cereals ready-to-eat, wheat germ, toasted, plain 338

 Cereals, CREAM OF WHEAT, 1 minute cook time, cooked with water, microwaved, without salt 117

 Cereals, oats, regular and quick and instant, unenriched, cooked with water (includes boiling and microwaving), without salt 85

 Incaparina, dry mix (corn and soy flours), unprepared 74

 Cereals, oats, instant, fortified, plain, prepared with water (boiling water added or microwaved) 64

 Cereals, corn grits, white, regular and quick, enriched, cooked with water, without salt 56

 Cereals, farina, enriched, cooked with water, without salt 56

 Cereals, corn grits, white, regular and quick, enriched, cooked with water, with salt 56

 Spices and Herbs 3154 localChiSquare: 0.0047719245423 degrees of freedom: 1

 Mustard, prepared, yellow 335

 Basil, fresh 333

 Spices, parsley, dried 283

 Spices, caraway seed 283

 Spices, fenugreek seed 237

 Spearmint, dried 177

 Dill weed, fresh 100

 Spices, ginger, ground 90

 Fats and Oils 443 localChiSquare: 0.00045528371931 degrees of freedom: 1

 Margarine-like, vegetable oil spread, unspecified oils, approximately 37 fat, with salt 91

 Margarine, regular, hard, soybean (hydrogenated) 89

 Salad dressing, french dressing, reduced fat 80

 Salad dressing, french dressing, commercial, regular 73

 Sandwich spread, with chopped pickle, regular, unspecified oils 64

 Beverages 204 localChiSquare: 0.000871758613298 degrees of freedom: 1

 Orange drink, breakfast type, with juice and pulp, frozen concentrate 53

 Coffee, instant, regular, powder 51

 Coffee, instant, decaffeinated, powder 50

Nut and Seed Products

--overall chi-square: 0.648612477208 degrees of freedom: 8.0

 Vegetables and Vegetable Products 9531 localChiSquare: 0.0235449558527 degrees of freedom: 1

 Lambsquarters, raw 131

 Lambsquarters, cooked, boiled, drained, without salt 126

 Lambs quarters, cooked, boiled, drained, with salt 126

 Cauliflower, green, cooked, no salt added 113

 Cauliflower, green, cooked, with salt 113

 Cauliflower, green, raw 109

 Asparagus, frozen, cooked, boiled, drained, with salt 104

 Legumes and Legume Products 6987 localChiSquare: 0.439524611196 degrees of freedom: 1

 MORI-NU, Tofu, silken, lite extra firm 124

 Soy protein concentrate, produced by acid wash 124

 Soy protein concentrate, crude protein basis (N x 6.25), produced by acid wash 124

 MOR-NU, Tofu, silken, lite firm 123

 Soy meal, defatted, raw, crude protein basis (N x 6.25) 122

 Tofu, raw, firm, prepared with calcium sulfate 122

 Soy protein isolate, PROTEIN TECHNOLOGIES INTERNATIONAL, SUPRO 121

 Soy flour, defatted, crude protein basis (N x 6.25) 121

 Fruits and Fruit Juices 472 localChiSquare: 0.0659872358516 degrees of freedom: 1

 Pineapple, frozen, chunks, sweetened 11

 Watermelon, raw 11

 Pineapple, canned, extra heavy syrup pack, solids and liquids 9

 Lime juice, raw 8

 Pineapple, canned, heavy syrup pack, solids and liquids 8

 Applesauce, canned, unsweetened, with added ascorbic acid 8

 Apricots, raw 7

 Apricots, canned, water pack, without skin, solids and liquids 7

 Nut and Seed Products 462 localChiSquare: 0.0615676498753 degrees of freedom: 1

 Seeds, lotus seeds, dried 52

 Seeds, pumpkin and squash seeds, whole, roasted, without salt 50

 Seeds, lotus seeds, raw 49

 Seeds, breadfruit seeds, roasted 12

 Seeds, cottonseed flour, partially defatted (glandless) 7

 Seeds, cottonseed flour, low fat (glandless) 7

 Seeds, cottonseed meal, partially defatted (glandless) 7

 Seeds, safflower seed meal, partially defatted 7

 Seeds, sesame flour, partially defatted 7

 Seeds, sesame flour, low-fat 7

 Spices and Herbs 358 localChiSquare: 0.00136789468893 degrees of freedom: 1

 Spices, parsley, dried 115

 Spices, fenugreek seed 114

 Mustard, prepared, yellow 18

 Spices, garlic powder 18

 Dill weed, fresh 16

 Spearmint, dried 7

 Spices, oregano, dried 6

 Basil, fresh 6

 Cereal Grains and Pasta 188 localChiSquare: 0.116539214111 degrees of freedom: 1

 Wheat germ, crude 95

 Oat bran, raw 7

 Wheat bran, crude 7

 Cornstarch 5

 Oat bran, cooked 5

 Amaranth, uncooked 4

 Arrowroot flour 4

 Buckwheat groats, roasted, dry 4

 Buckwheat groats, roasted, cooked 4

 Rice, brown, medium-grain, raw 4

 Breakfast Cereals 162 localChiSquare: 0.0400935231821 degrees of freedom: 1

 Cereals ready-to-eat, wheat germ, toasted, plain 98

 Incaparina, dry mix (corn and soy flours), unprepared 9

 Cereals ready-to-eat, KELLOGG, KELLOGG'S APPLE JACKS 4

 Fats and Oils 22 localChiSquare: 0.00268774546906 degrees of freedom: 1

 Salad dressing, french dressing, reduced fat 6

 Sandwich spread, with chopped pickle, regular, unspecified oils 4

 Beverages 6 localChiSquare: 0.00257487231537 degrees of freedom: 1

 Orange drink, breakfast type, with juice and pulp, frozen concentrate 4

 Coffee, instant, with chicory, powder 2

Beverages

--overall chi-square: 0.875225270629 degrees of freedom: 8.0

 Vegetables and Vegetable Products 204 localChiSquare: 0.0144318934422 degrees of freedom: 1

 Horseradish-tree leafy tips, raw 6

 Cauliflower, cooked, boiled, drained, with salt 4

 Cowpeas (Blackeyes), immature seeds, frozen, cooked, boiled, drained, with salt 4

 Horseradish-tree, leafy tips, cooked, boiled, drained, with salt 4

 Cauliflower, cooked, boiled, drained, without salt 4

 Cauliflower, frozen, unprepared 4

 Cornsalad, raw 4

 Cowpeas (Blackeyes), immature seeds, frozen, unprepared 4

 Cowpeas (blackeyes), immature seeds, frozen, cooked, boiled, drained, without salt 4

 Yardlong bean, raw 4

 Legumes and Legume Products 174 localChiSquare: 0.639822917002 degrees of freedom: 1

 Tofu, raw, regular, prepared with calcium sulfate 5

 Soy protein isolate 4

 Spices and Herbs 9 localChiSquare: 0.00349496832723 degrees of freedom: 1

 Spices, fenugreek seed 4

 Spices, parsley, dried 4

 Spices, cinnamon, ground 1

 Nut and Seed Products 6 localChiSquare: 0.080137394956 degrees of freedom: 1

 Seeds, lotus seeds, raw 2

 Seeds, lotus seeds, dried 2

 Seeds, pumpkin and squash seeds, whole, roasted, without salt 1

 Breakfast Cereals 4 localChiSquare: 0.0382705460164 degrees of freedom: 1

 Cereals ready-to-eat, wheat germ, toasted, plain 4

 Cereal Grains and Pasta 4 localChiSquare: 0.117346037495 degrees of freedom: 1

 Wheat germ, crude 4

 Fruits and Fruit Juices 1 localChiSquare: 0.111265891884 degrees of freedom: 1

 Apples, frozen, unsweetened, heated 1

Legumes and Legume Products

--overall chi-square: 0.106727725064 degrees of freedom: 8.0

 Vegetables and Vegetable Products 23940 localChiSquare: 0.00170446239611 degrees of freedom: 1

 Mustard greens, cooked, boiled, drained, without salt 222

 Mustard greens, cooked, boiled, drained, with salt 222

 Asparagus, frozen, cooked, boiled, drained, with salt 219

 Carrots, canned, no salt added, solids and liquids 208

 Carrots, canned, regular pack, drained solids 207

 Lambsquarters, raw 207

 Mustard greens, frozen, unprepared 206

 Cereal Grains and Pasta 8814 localChiSquare: 0.0235935200729 degrees of freedom: 1

 Macaroni, protein-fortified, dry, enriched, (n x 6.25) 152

 Spaghetti, protein-fortified, dry, enriched (n x 6.25) 151

 Macaroni, protein-fortified, dry, enriched, (n x 5.70) 143

 Spaghetti, protein-fortified, dry, enriched (n x 5.70) 141

 Spaghetti, protein-fortified, cooked, enriched (n x 6.25) 104

 Macaroni, protein-fortified, cooked, enriched, (n x 5.70) 103

 Macaroni, protein-fortified, cooked, enriched, (n x 6.25) 103

 Nut and Seed Products 6987 localChiSquare: 0.0151627463784 degrees of freedom: 1

 Seeds, cottonseed kernels, roasted (glandless) 201

 Seeds, sesame flour, partially defatted 197

 Seeds, sesame flour, low-fat 194

 Seeds, sunflower seed flour, partially defatted 194

 Seeds, sesame flour, high-fat 194

 Seeds, watermelon seed kernels, dried 167

 Legumes and Legume Products 3622 localChiSquare: 0.0476363812444 degrees of freedom: 1

 MORI-NU, Tofu, silken, soft 203

 Peanut flour, defatted 194

 Soy sauce made from soy and wheat (shoyu) 194

 Soy sauce made from soy and wheat (shoyu), low sodium 194

 Peanut flour, low fat 110

 Peanuts, virginia, raw 45

 Peanuts, spanish, oil-roasted, with salt 44

 Peanuts, valencia, raw 44

 Peanuts, valencia, oil-roasted, with salt 44

 Peanuts, virginia, oil-roasted, with salt 44

 Breakfast Cereals 3358 localChiSquare: 0.00253706146407 degrees of freedom: 1

 Cereals, oats, regular and quick and instant, unenriched, cooked with water (includes boiling and microwaving), without salt 98

 Cereals, oats, instant, fortified, plain, prepared with water (boiling water added or microwaved) 60

 Cereals, oats, instant, fortified, plain, dry 57

 Cereals, oats, regular and quick and instant, not fortified, dry 55

 Cereals, farina, unenriched, dry 48

 Cereals ready-to-eat, wheat, shredded, plain, sugar and salt free 48

 Cereals, CREAM OF WHEAT, regular, 10 minute cooking, dry 47

 Cereals, CREAM OF WHEAT, regular (10 minute), cooked with water, without salt 47

 Cereals, CREAM OF WHEAT, instant, dry 47

 Cereals, CREAM OF WHEAT, mix'n eat, plain, dry 47

 Fruits and Fruit Juices 2912 localChiSquare: 0.0241936581935 degrees of freedom: 1

 Peaches, canned, water pack, solids and liquids 47

 Pineapple, raw, all varieties 47

 Tangerine juice, frozen concentrate, sweetened, diluted with 3 volume water 46

 Oranges, raw, California, valencias 45

 Oranges, raw, Florida 45

 Tangerines, (mandarin oranges), canned, juice pack 45

 Pineapple, canned, water pack, solids and liquids 45

 Spices and Herbs 1222 localChiSquare: 0.00511293121547 degrees of freedom: 1

 Spices, caraway seed 179

 Basil, fresh 174

 Mustard, prepared, yellow 165

 Spices, poppy seed 55

 Spices, cinnamon, ground 51

 Spices, fennel seed 49

 Spices, garlic powder 44

 Spearmint, dried 42

 Beverages 174 localChiSquare: 1.39932574086e-05 degrees of freedom: 1

 Coffee, instant, decaffeinated, powder 47

 Fats and Oils 97 localChiSquare: 0.00175408638116 degrees of freedom: 1

 Salad dressing, italian dressing, reduced fat 45

 Sandwich spread, with chopped pickle, regular, unspecified oils 28

 Salad dressing, french dressing, commercial, regular 20

Cereal Grains and Pasta

--overall chi-square: 0.921011345839 degrees of freedom: 8.0

 Vegetables and Vegetable Products 9639 localChiSquare: 0.00735965936298 degrees of freedom: 1

 Horseradish-tree, leafy tips, cooked, boiled, drained, with salt 189

 Cauliflower, green, raw 186

 Cauliflower, green, cooked, no salt added 183

 Cauliflower, green, cooked, with salt 183

 Jute, potherb, cooked, boiled, drained, with salt 174

 Legumes and Legume Products 8814 localChiSquare: 0.711831861241 degrees of freedom: 1

 Soy protein isolate, PROTEIN TECHNOLOGIES INTERNATIONAL, SUPRO 191

 Soy protein isolate, potassium type, crude protein basis 190

 Soy protein concentrate, crude protein basis (N x 6.25), produced by acid wash 189

 Soy protein isolate, potassium type 189

 Soy protein concentrate, produced by acid wash 188

 MORI-NU, Tofu, silken, extra firm 186

 MORI-NU, Tofu, silken, lite extra firm 186

 Soy protein isolate, PROTEIN TECHNOLOGIES INTERNATIONAL, ProPlus 186

 Spices and Herbs 375 localChiSquare: 0.00102611048988 degrees of freedom: 1

 Spices, parsley, dried 177

 Spices, fenugreek seed 173

 Spices, mustard seed, ground 5

 Spices, cinnamon, ground 4

 Dill weed, fresh 3

 Mustard, prepared, yellow 3

 Rosemary, fresh 1

 Cereal Grains and Pasta 280 localChiSquare: 0.108531146945 degrees of freedom: 1

 Wheat germ, crude 140

 Amaranth, uncooked 1

 Breakfast Cereals 221 localChiSquare: 0.0360698403758 degrees of freedom: 1

 Cereals ready-to-eat, wheat germ, toasted, plain 150

 Incaparina, dry mix (corn and soy flours), unprepared 6

 Cereals, CREAM OF WHEAT, instant, prepared with water, with salt, (wheat) 1

 Nut and Seed Products 188 localChiSquare: 0.0905854011069 degrees of freedom: 1

 Seeds, lotus seeds, raw 36

 Seeds, lotus seeds, dried 21

 Seeds, pumpkin and squash seeds, whole, roasted, without salt 12

 Seeds, pumpkin and squash seeds, whole, roasted, with salt added 11

 Seeds, breadfruit seeds, raw 6

 Fruits and Fruit Juices 128 localChiSquare: 0.102664119355 degrees of freedom: 1

 Applesauce, canned, unsweetened, with added ascorbic acid 8

 Pineapple, frozen, chunks, sweetened 6

 Melons, cantaloupe, raw 3

 Pineapple, canned, heavy syrup pack, solids and liquids 3

 Pineapple, canned, extra heavy syrup pack, solids and liquids 3

 Oranges, raw, navels 3

 Fats and Oils 7 localChiSquare: 0.00412248275321 degrees of freedom: 1

 Salad dressing, french dressing, reduced fat 2

 Sandwich spread, with chopped pickle, regular, unspecified oils 1

 Beverages 4 localChiSquare: 0.0028072721568 degrees of freedom: 1

 Coffee, instant, decaffeinated, powder 1