**Supplementary Table.** Food groupings of food items

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| **Food groups** | **Food items** |
| Grains | Dark bread (Sangak, Barbari, Taftoon), White bread (Lavash , baguette), toasted bread, , noodles, pasta, rice, cooked barely, bulgur |
| Legumes | All kind of legumes including beans, peas, lima beans, lentils, soy |
| Total meats  | Beef, lamb, poultry, fish, organ meat |
| Beef-lamb | Beef, lamb  |
| Poultry | Chicken |
| Fish | Different kinds of fresh fish |
| Tuna fish  | Canned tuna fish |
| Organ meats | Organ meats of chicken, lamb and beef  |
| Dairy products | Milk, yoghurt, cheese (both low and high fat),chocolate milk, doogh (yoghurt drink), cream, kashk, ice cream |
| Milk | Low fat and high fat milk, chocolate milk  |
| Fermented dairy  | Yoghurt, cheese, Dough, Kashk, ice cream  |
| Vegetables  | Cruciferous vegetables, tomatoes , carrots, cucumbers, eggplants, corn, garlic, turnips, squash, mushrooms, onions, pumpkin, celery, green peas, green beans, green paper, spinach, lettuce, mixed vegetables, shallot |
| Allium  | Onions, garlic, shallot  |
| Cruciferous  | Cabbage, cauliflower, Brussels sprouts and broccoli |
| Potatoes  | Boiled and fried potato |
| Green vegetables  | Lettuce, Mixed green vegetables, cucumbers, spinach, Bell paper, green bean, celery, green summer squash  |
| Yellow/orange vegetables  | Pumpkin, carrot  |
| Fruits | All fresh fruits, dried fruits |
| Fruit juices | Apple juice, orange juice, other fruit juices |
| Dried fruits | Figs, mulberries, prunes, apricots, peaches, raisins  |
| Melons  | Different kinds of melons |
| Stone fruits  | Nectarines, apricots, peaches and plums |
| Citrus fruits  | Oranges, grapefruits, mandarins and limes |
| Berries  | Cherry, strawberries, kiwifruit, mulberry, grapes  |
| Nuts | Peanuts, almonds, walnuts, pistachios, hazelnuts, roasted seeds |
| Olive -olive oil  | Olive and olive oil |
| Oil-fats  | Vegetable oils, Hydrogenated vegetable fat, animal fats |
| Butter  | Butter, margarine, and mayonnaise |
| Fast foods | Pizza, processed meats, hamburger, French fries |
| Sweets and cakes  | Sugar, cube sugar, chocolates, candies and nabat, traditional sweets(gaz, noghle, souhan, halva ), Biscuits, cakes, cookies |
| Tea and coffee  | Tea, coffee  |
| Salty snacks | Potato chips, puffs, crackers |