

### Supplemental Table S1. CKD SFFQ

For the following food items listed, please use the following portion size guide based on measuring cups/spoons.

Grains and Starches (rice, pasta, bread): 1 cup, ½ cup cooked, 1 slice of bread

Fruit: Raw = 1 cup, Cooked/Canned = ½ cup

Vegetables: Cooked = 1 cup, Raw = 1 cup

Meat and alternatives (beans, tofu): 3 ounces cooked

Fats: 1 Tablespoon oil, 1/4 cup nuts

Beverages: Juices = ½ cup (4 ounces), Water/Milk = 1 cup (8 ounces)

Total Diet Score = 0 – 60 (0-30: low diet quality) (31-60: high diet quality)

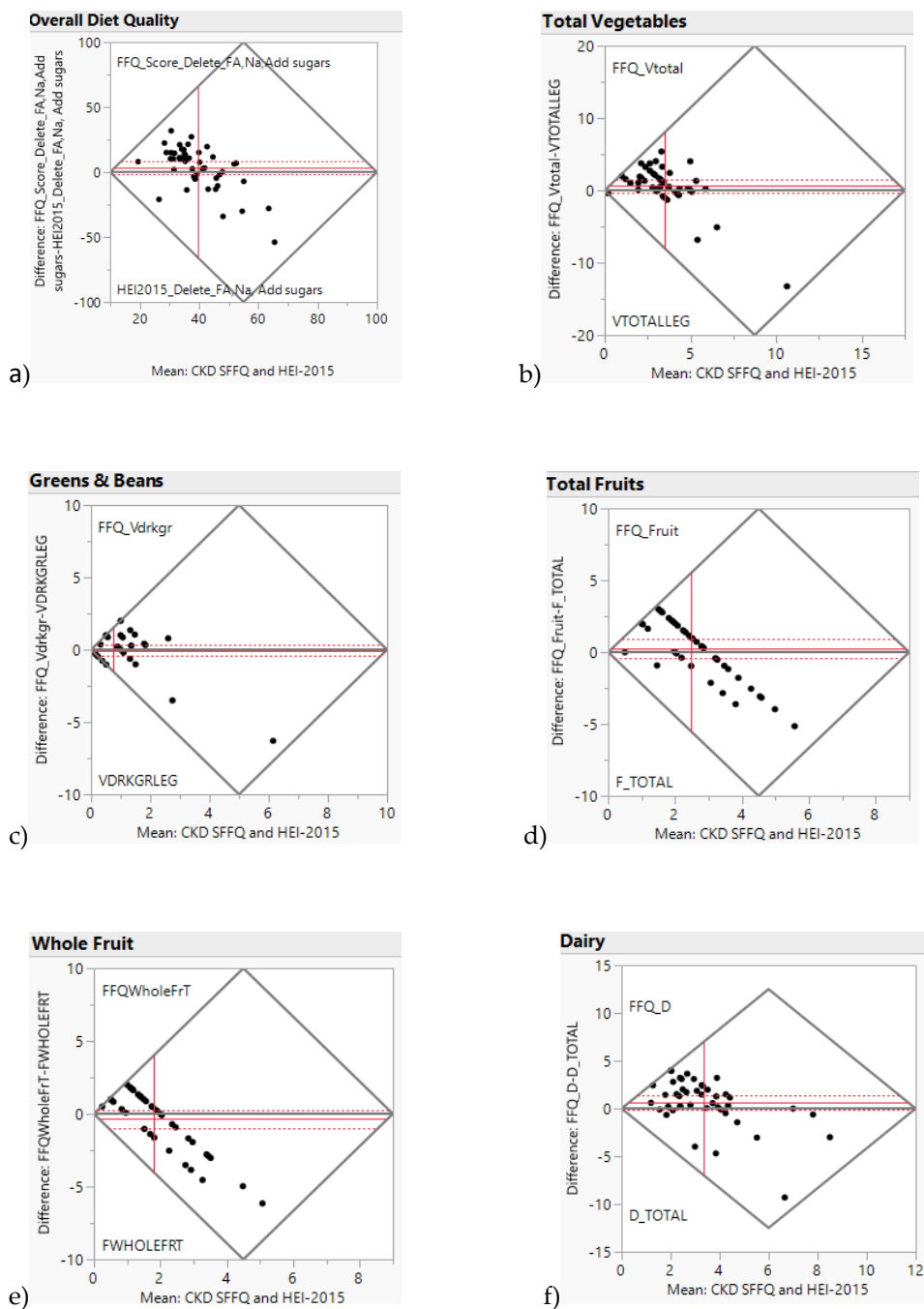
**For the past 30 days, indicate how often you consumed the following portions of foods**

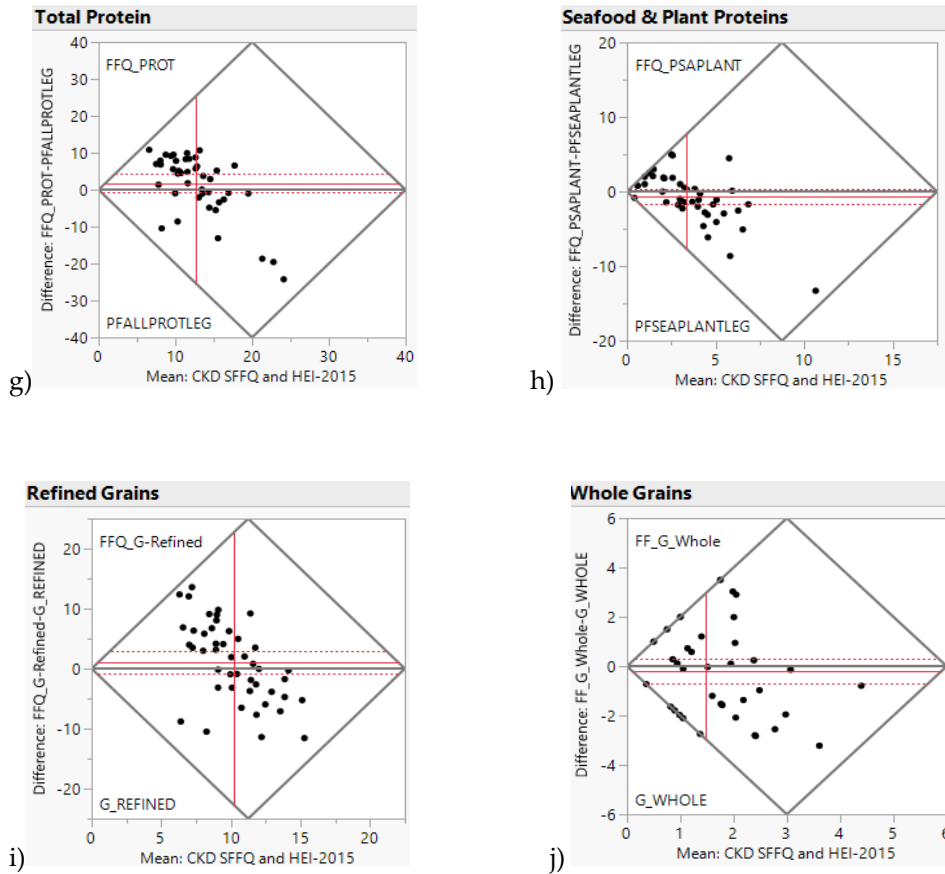
Foods/beverages	Daily	3-5 portions/week	1-2 portions/week	Rarely	Never
White bread					
White pasta and rice					
Whole grain/ Wheat/ Brown bread					
Whole grain/ Brown: pasta and rice					
Whole grain breakfast cereals					
Non-whole grain breakfast cereals					
Legumes, beans					
Potatoes baked					
Potatoes roasted					
Potatoes mashed prepared with butter and milk					
Potatoes mashed prepared with water					
French fries					
Tomatoes: raw, cooked					
Vegetables (not counting potatoes): raw, cooked with no oil or salt					
Fruit raw: specify					

Canned fruit					
Dried fruit					
Soup – broth based					
Soup – cream based					
Pizza, lasagna, quiche					
Homemade; Sandwiches, burgers, burritos, tamales, enchiladas, tacos					
Processed non homemade; Sandwiches, burgers, burritos, tamales, enchiladas, tacos					
Fish: fried, breaded					
Fish: baked or grilled					
Seafood (other than fish; tuna, sardines)					
Chicken: fried, breaded					
Chicken: baked or grilled					
Red meat (beef, lamb, deer, camel): fried, breaded					
Red meat (beef, lamb, deer, camel): baked or grilled					
Pork: fried, breaded					
Pork: baked or grilled					
Sausages or other processed meats					
Eggs: boiled, scrambled, omelet prepared with fat					
Eggs: boiled, scrambled, omelet prepared without fat					
Milk, Yogurt: 2% or skim					
Milk, Yogurt: Whole or full fat					

Cheese soft (Mozzarella, Blue cheese, Feta)					
Cheese hard (Cheddar, Swiss)					
Cheese spread: cream					
Butter, sour cream					
Margarine, mayonnaise					
Mustard, salty condiments					
Ketchup, sweetened sauces (duck sauce)					
Olive oil					
Rapeseed oil, walnut oil, mixed oil					
Canola oil, sunflower oil					
Coconut oil					
Salty snacks					
Sweet cakes and snacks, chocolate and pastries					
Coffee					
Freshly brewed tea or herb teas					
Canned/ bottled tea or herb teas					
Sugar white, brown, cane					
Artificial sweeteners: Sweet'n low, Splenda, Equal, Stevia, etc					
Sweetened beverages (soda)					
Artificially sweetened beverages (diet soda)					
Water					
Wine					
Beer					
Other alcoholic beverages					

**Supplemental Figure S1. Bland-Altman Plots to assess relative validity between CKD SFFQ and the 2-24-hour recalls**





*Figure S1.* Bland–Altman plots assessing the relative validity of the newly developed CKD SFFQ for estimating the diet quality of Adults,  $\geq 18$  years of age, who had CKD. For each participant, the difference in intake between the CKD SFFQ and the mean of 2-24-hour recalls (HEI-2015) is plotted against the mean intake from the two methods for: a) overall diet quality; b) total vegetables; c) green & beans; d) total fruit; e) whole fruit; f) dairy; g) total proteins; h) seafood & plant proteins; i) refined grains; and j) whole grains. Lines — represent the mean difference and lines - - - represent the 95 % limits of agreement. For overall diet quality scores, mean difference between the two methods was 3.19; for total vegetables, mean difference = -0.04; for greens & beans, mean difference = 0.63; for total fruits, mean difference = 0.25; for whole fruits, mean difference = -0.37; for dairy, mean difference = 0.64; for total proteins, mean difference = 1.71; for seafood & plant proteins, mean difference = -0.64; for refined grains, mean difference = 1.05; and for whole grains, mean difference = -0.20.