**Supplement 5 - Table A.** Spearman rs correlation coefficients, percentages of subjects classified into the same and opposite third of intake, and weighted kappa (Kw) in 81 adults (40 women and 41 men) using energy and energy-adjusted nutrient intakes from the previous validation study ([7](#_ENREF_7)).

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Nutrient** | **Women (n=40)** | | | | | | **Men (n=41)** | | | | | |
| **Spearman Correlation** | | | **Percentage classified in** | | **Kw** | **Spearman Correlation** | | | **Percentage classified in** | | **Kw** |
| **r**s | **95% CI** | **p** | **Same third** | **Opposite third** | **r**s | **95% CI** | **p** | **Same third** | **Opposite third** |
| Energy (kJ) | 0.39 | 0.09, 0.62 | <0.05 | 58 | 13 | 0.37 | 0.24 | -0.01, 0.51 | >0.05 | 34 | 12 | 0.12 |
| Fat (g) | 0.64 | 0.41, 0.79 | <0.001 | 53 | 8 | 0.37 | 0.42 | 0.13, 0.65 | <0.01 | 44 | 15 | 0.21 |
| SFA (g) | 0.71 | 0.51, 0.84 | <0.001 | 65 | 5 | 0.54 | 0.59 | 0.34, 0.76 | <0.001 | 51 | 5 | 0.38 |
| PUFA (g) | 0.58 | 0.32, 0.75 | <0.001 | 55 | 5 | 0.43 | -0.07 | -0.24, 0.37 | >0.05 | 22 | 22 | -0.14 |
| MUFA (g) | 0.66 | 0.44, 0.81 | <0.001 | 43 | 8 | 0.26 | 0.36 | 0.01, 0.60 | <0.05 | 37 | 10 | 0.16 |
| Protein (g) | 0.43 | 0.14, 0.65 | <0.01 | 50 | 5 | 0.37 | 0.25 | -0.01, 0.52 | >0.05 | 34 | 15 | 0.08 |
| Sugars (g) | 0.72 | 0.52, 0.84 | <0.001 | 63 | 3 | 0.54 | 0.17 | -0.15, 0.45 | >0.05 | 37 | 20 | 0.08 |
| Starch (g) | 0.52 | 0.24, 0.71 | <0.001 | 45 | 5 | 0.32 | 0.45 | 0.16, 0.66 | <0.01 | 46 | 10 | 0.29 |
| NSP (g) | 0.76 | 0.59, 0.87 | <0.001 | 60 | 0 | 0.54 | 0.65 | 0.43, 0.80 | <0.001 | 54 | 5 | 0.43 |
| Alcohol (g) | 0.79 | 0.63, 0.88 | <0.001 | 60 | 0 | 0.54 | 0.72 | 0.53, 0.84 | <0.001 | 61 | 2 | 0.53 |
| Retinol (µg) | 0.34 | 0.03, 0.59 | <0.05 | 45 | 15 | 0.20 | -0.13 | -0.36, 0.25 | >0.05 | 29 | 22 | -0.03 |
| β-carotene (µg) | 0.44 | 0.14, 0.66 | <0.01 | 40 | 10 | 0.20 | 0.11 | -0.21, 0.40 | >0.05 | 44 | 22 | 0.12 |
| Vit D (µg) | 0.37 | 0.06, 0.61 | <0.05 | 48 | 13 | 0.26 | 0.38 | 0.07, 0.61 | <0.05 | 42 | 10 | 0.23 |
| Vit E (mg) | 0.52 | 0.24, 0.71 | <0.001 | 60 | 5 | 0.49 | 0.23 | -0.08, 0.50 | >0.05 | 39 | 15 | 0.15 |
| Thiamin (mg) | -0.04 | -0.28, 0.35 | >0.05 | 35 | 30 | -0.08 | 0.37 | 0.07, 0.61 | <0.05 | 46 | 17 | 0.19 |
| Riboflavin (mg) | 0.69 | 0.48, 0.82 | <0.001 | 65 | 5 | 0.54 | 0.69 | 0.49, 0.83 | <0.001 | 51 | 2 | 0.41 |
| Vit B6 (mg) | 0.48 | 0.20, 0.69 | <0.01 | 43 | 8 | 0.26 | 0.33 | 0.03, 0.58 | <0.05 | 51 | 12 | 0.32 |
| Vit B12 (µg) | 0.31 | -0.01, 0.56 | >0.05 | 43 | 13 | 0.20 | 0.25 | -0.07, 0.52 | >0.05 | 51 | 20 | 0.23 |
| Vit C (mg) | 0.59 | 0.34, 0.76 | <0.001 | 60 | 10 | 0.43 | 0.48 | 0.20, 0.68 | <0.01 | 37 | 12 | 0.15 |
| Folate (µg) | 0.73 | 0.53, 0.85 | <0.001 | 68 | 3 | 0.60 | 0.55 | 0.30, 0.74 | <0.001 | 46 | 10 | 0.29 |
| Niacin Equivalents (mg) | 0.43 | 0.13, 0.65 | <0.01 | 50 | 5 | 0.37 | 0.37 | 0.06, 0.60 | <0.05 | 54 | 15 | 0.30 |
| Iron (mg) | 0.54 | 0.27, 0.73 | <0.001 | 58 | 8 | 0.43 | 0.60 | 0.36, 0.77 | <0.001 | 56 | 7 | 0.43 |
| Calcium (mg) | 0.75 | 0.57, 0.86 | <0.001 | 70 | 5 | 0.60 | 0.49 | 0.21, 0.69 | <0.001 | 54 | 7 | 0.39 |
| Magnesium (mg) | 0.71 | 0.52, 0.84 | <0.001 | 78 | 8 | 0.66 | 0.66 | 0.45, 0.81 | <0.001 | 54 | 2 | 0.45 |
| Potassium (mg) | 0.67 | 0.46, 0.81 | <0.001 | 53 | 3 | 0.49 | 0.52 | 0.26, 0.71 | <0.001 | 54 | 5 | 0.43 |
| Zinc (mg) | 0.57 | 0.31, 0.75 | <0.001 | 55 | 5 | 0.43 | 0.54 | 0.27, 0.72 | <0.001 | 39 | 7 | 0.23 |

*Note:* Bland Altman analyses were not conducted in the previous validation study of the SCG FFQ.