Table S2. Agreement between DXA and prediction equations in non-dialysis-dependent sample stratified by sex

| Body Composition Variable | DXA or Prediction Equation | Bland-Altman analysis | ICC analysis | Pearson correlation | 5% Tolerance | DXA or Prediction Equation | Bland-Altman analysis | ICC analysis | Pearson correlation | 5% Tolerance |
|---------------------------|----------------------------|-----------------------|--------------|--------------------|--------------|----------------------------|-----------------------|--------------|--------------------|--------------|
|                           |                            | Bias (DXA-Prediction) | LOA          | ICC (95% CI)       |              |                            | Bias (DXA-Prediction) | LOA          | ICC (95% CI)       |              |
| AFFMDXA (kg)              |                            |                       |              |                    |              |                            |                       |              |                    |              |
|                           | 24.81                      | 4.12                  | 16.87        | 3.44               |              |                            |                       |              |                    |              |
| AFFMscip (kg)             | 23.81                      | 3.22                  | -0.31        | 3.64               | -7.44        | 6.82                       | 0.806                 | 0.602        | 0.875              | 0.84         |
|                            |                            |                       |              |                    |              |                            | 39 (18)               | 38.40        | 6.65               |              |
|                           | 25.93                      | 3.61                  | -1.12        | 2.02               | -5.07        | 2.83                       | 0.831                 | 0.636        | 0.915              | 0.87         |
|                            |                            |                       |              |                    |              |                            | 48 (22)               | 17.67        | 3.16               |              |
|                           | 23.64                      | 2.83                  | 1.16         | 2.38               | -3.05        | 5.82                       | 0.738                 | 0.500        | 0.837              | 0.83         |
|                            |                            |                       |              |                    |              |                            | 39 (18)               | 15.13        | 12.11              |              |
|                            | 52.87                      | 8.31                  | 37.90        | 7.47               |              |                            |                       |              |                    |              |
| FFM_MAMC (kg)             | 53.18                      | 6.72                  | -0.31        | 3.64               | -7.44        | 6.82                       | 0.806                 | 0.602        | 0.875              | 0.84         |
|                            |                            |                       |              |                    |              |                            | 39 (18)               | 38.40        | 6.65               |              |
| FFM_HGS (kg)              | 56.08                      | 6.79                  | -3.13        | 3.54               | -10.06       | 3.80                       | 0.825                 | 0.382        | 0.932              | 0.91         |
|                            |                            |                       |              |                    |              |                            | 39 (18)               | 39.69        | 6.69               |              |
| FFM_SarSS (kg)            | 39.99                      | 8.90                  | 12.88        | 9.27               | -5.28        | 31.04                      | 0.199                 | -0.093       | 0.489              | 0.42         |
|                            |                            |                       |              |                    |              |                            | 9 (4)                 | 24.34        | 5.33               |              |
| FFM_SarSSMAMC (kg)        | 50.82                      | 5.90                  | 2.12         | 3.99               | -5.70        | 9.94                       | 0.801                 | 0.600        | 0.870              | 0.81         |
|                            |                            |                       |              |                    |              |                            | 43 (20)               | 47.21        | 5.51               | -1.78        |
| FFM_femur (kg)            | 55.68                      | 6.18                  | -2.80        | 3.97               | -10.58       | 4.98                       | 0.797                 | 0.479        | 0.908              | 0.89         |
|                            |                            |                       |              |                    |              |                            | 41 (19)               | 43.50        | 5.48               | -5.60        |
| FFM_femurMAMC (kg)        | 32.67                      | 4.03                  | 20.30        | 5.60               | 9.32         | 31.27                      | 0.110                 | -0.033       | 0.379              | 0.80         |
|                            |                            |                       |              |                    |              |                            | 0 (0)                 | 20.74        | 3.71               | 17.16        |
| FFM_L (kg)                | 35.51                      | 3.77                  | 17.36        | 5.43               | 6.71         | 28.00                      | 0.140                 | -0.042       | 0.444              | 0.86         |
|                            |                            |                       |              |                    |              |                            | 0 (0)                 | 24.59        | 3.75               | 13.31        |

AFFM, appendicular fat free mass; DXA, dual energy X-ray absorptiometry; FFM, fat free mass; ICC, intraclass correlation coefficient; LOA, limits of individual agreement. Bias calculated as DXA data - Prediction equation value; 5% tolerance between DXA and prediction equations (Prediction equation/DXA from ≤0.95 to ≤1.05).