Figure S1. Bland Altman plots for fasting glucose in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within-pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95% CI for the mean of the within pair difference.
Figure S2. Bland Altman plots for glycated hemoglobin in proportion of total hemoglobin (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S3. Bland Altman plots for serum creatinine in µmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S4. Bland Altman plots of serum sodium in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S5. Bland Altman plots for serum potassium in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S6. Bland Altman plots for aspartate transaminase in U/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S7. Bland Altman plots for gamma-glutamyl transferase in U/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S8. Bland Altman plots for uric acid in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95% CI for the mean of the within pair difference.
Figure S9. Bland Altman plots for total cholesterol in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S10. Bland Altman plots for triglycerides in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S11. Bland Altman plots for HDL cholesterol in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S12. Bland Altman plots for LDL cholesterol in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95% CI for the mean of the within pair difference.
Figure S13. Bland Altman plots for urine calcium in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
**Figure S14.** Bland Altman plots for urine creatinine in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S15. Bland Altman plots for urine sodium in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
**Figure S16.** Bland Altman plots for urine potassium in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95% CI for the mean of the within pair difference.
Figure S17. Bland Altman plots for microalbuminuria in g/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S18. Bland Altman plots for thyroid-stimulating hormone in mIU/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95% CI for the mean of the within pair difference.
Figure S19. Bland Altman plots for fasting insulin in pmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S20. Bland Altman plots for insulin 2 h post 75 g glucose load in pmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95%CI for the mean of the within pair difference.
Figure S21. Bland Altman plots for C-reactive protein in nmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95% CI for the mean of the within pair difference.
Figure S22. Bland Altman plots for glucose 2 h post 75 g glucose load in mmol/L (all pairs, Panel A) (after exclusion of outliers, Panel B). The red line indicates the mean within pair difference found between the original and the quality control (QC) measures, the green dashed lines indicate 2 standard deviations above and below this mean, and the blue dotted lines the 95% CI for the mean of the within pair difference.