Suppl. Figure 1. A comparison of mean testosterone levels assessed by various handling method for data below the lower limit of quantification (LLOQ) shows no differences between the chosen methods. The methods we compared relied either on the substitution of the data <LLOQ for a pre-determined value (1/2 LLOQ, LLOQ, median or mean of <LLOQ, extrapolation from mass spectrometry (MS) or simply on the exclusion of the values <LLOQ. Indeed, using the values given by the apparatus, we were able to calculate the mean and the median for the samples having an electrochemiluminescent immunoassay (IA) testosterone value <LLOQ. The differences observed were similar between all of the handling methods. In addition, substitution of the IA values <LLOQ for the LLOQ value (0.416 nM), thereby considering the most severe outcome for these values, nevertheless leads to the same significant differences between IA and MS measurement methods.