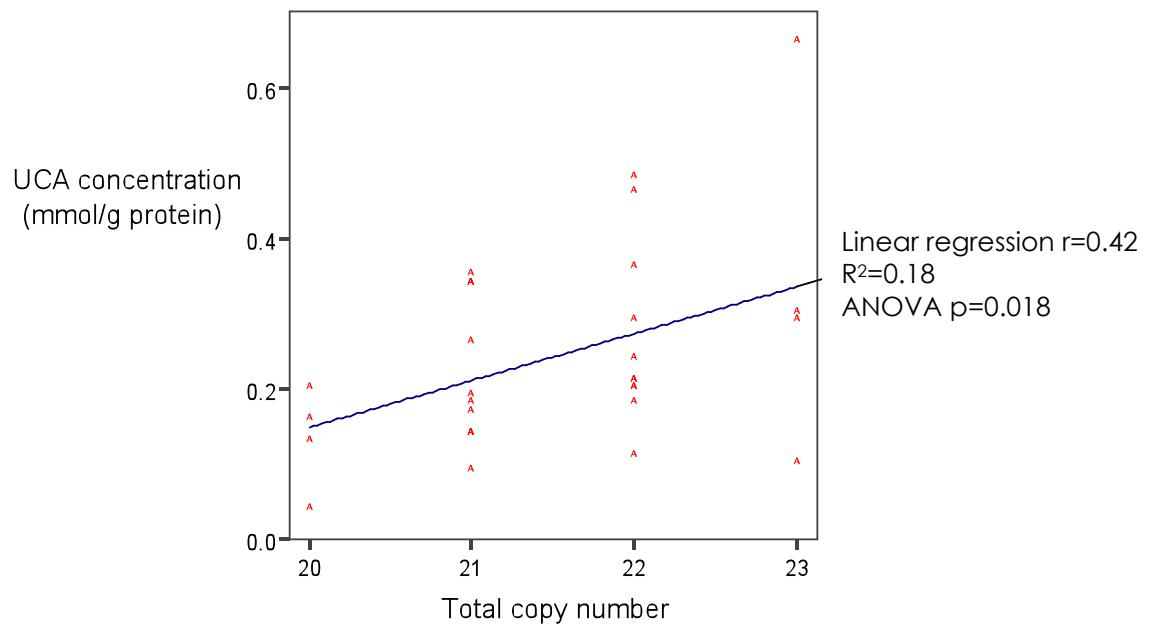
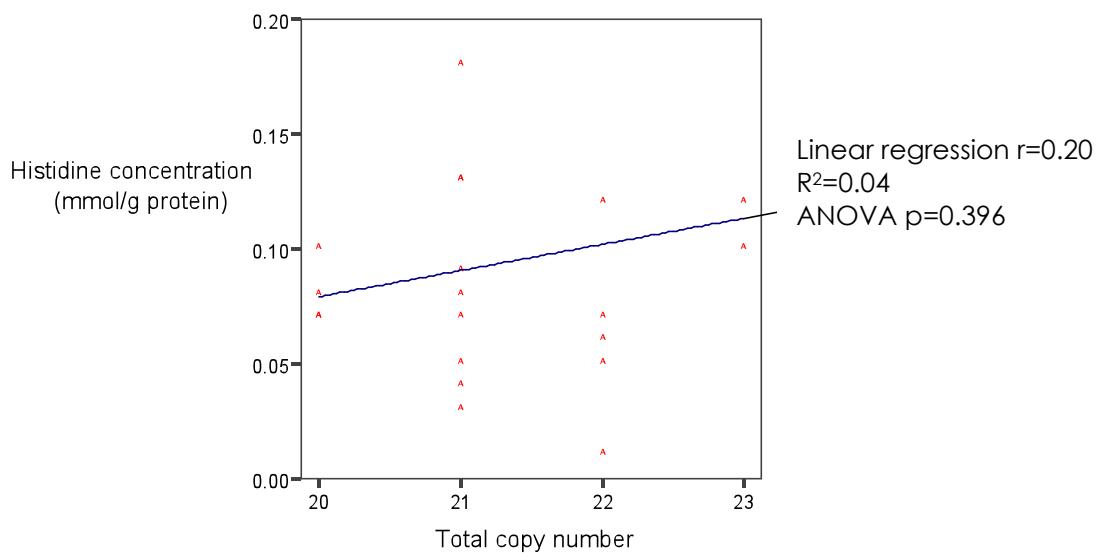


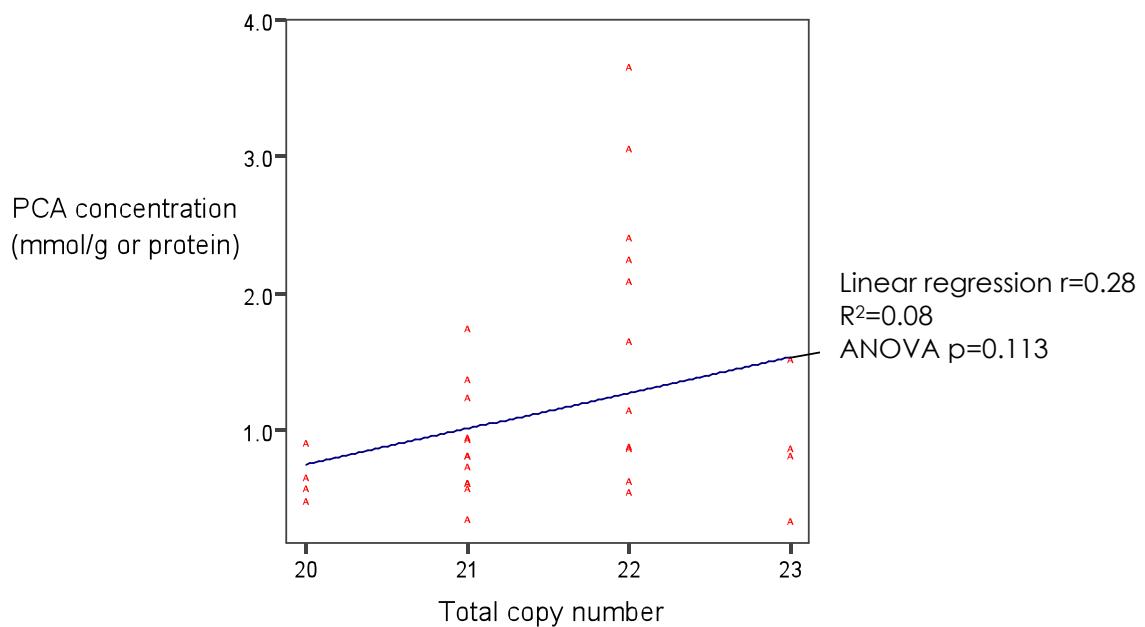
## Supplementary Figures



**Supplementary figure 1(a) Linear regression analysis of total copy number as a predictor of UCA concentration in tape-stripped stratum corneum samples, n=31**



**Supplementary figure 1(b) Linear regression analysis of total copy number as a predictor of histidine concentration in tape-stripped stratum corneum samples, n=22**



**Supplementary figure 1(c) Linear regression analysis of total copy number as a predictor of PCA concentration in tape-stripped stratum corneum samples, n=31**