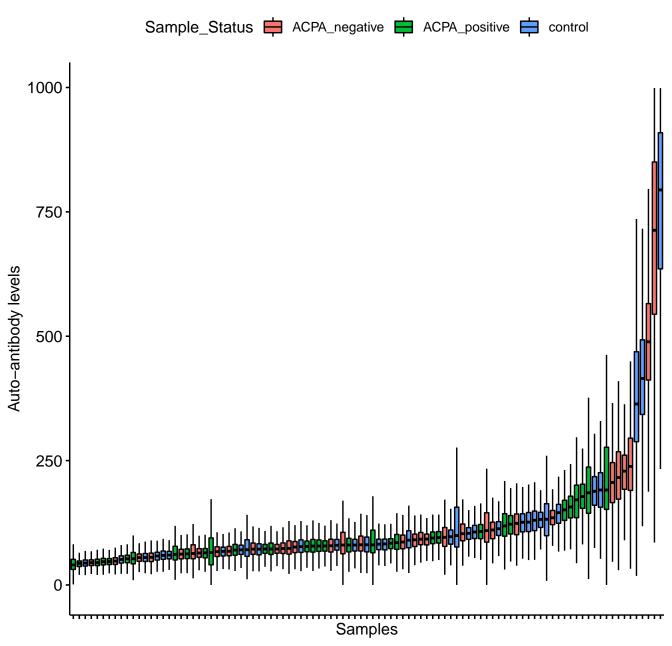
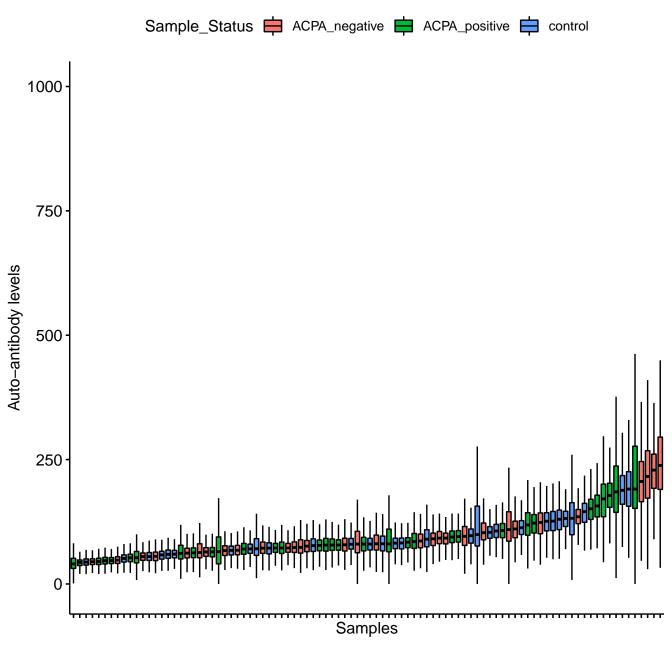
Sample distribution before Normalization



Sample distribution after reduction



## Sample distribution after quantile normalization Sample\_Status ACPA\_negative ACPA\_positive control 1000 750 500 250 0 Samples

Auto-antibody levels

