simple classification??
logistic regression?

Si

Pb   TBN   Ag

Cu   Ni   Ti   PFc

ST   Cr   NIT   TAN   Cu

Na   Zn   Mg   B   H2O

Al   K

OXI

Sn

iTs sO oBvIoUs!11!@!

$$\text{logit}(\pi_i) = \log\left(\frac{\pi_i}{1-\pi_i}\right) = X_i\beta$$

A

B
C   X

Phillips et al. seemed to thing so, let's see…

Histogram of Original (A, B, C & X) Evaluation Scores
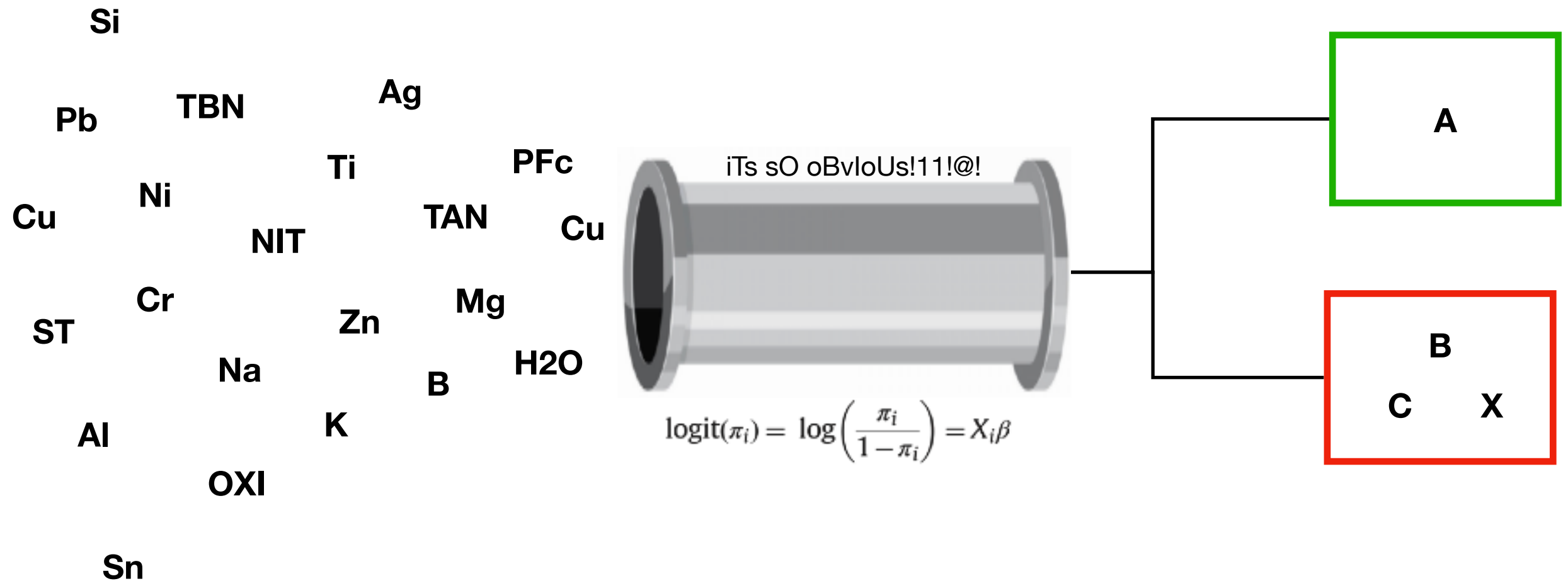
// clearly a class imbalance!

"h e a l t h y"

"u n h e a l t h y"

A   B   C   X

Histogram of New (binary) Evaluation Scores
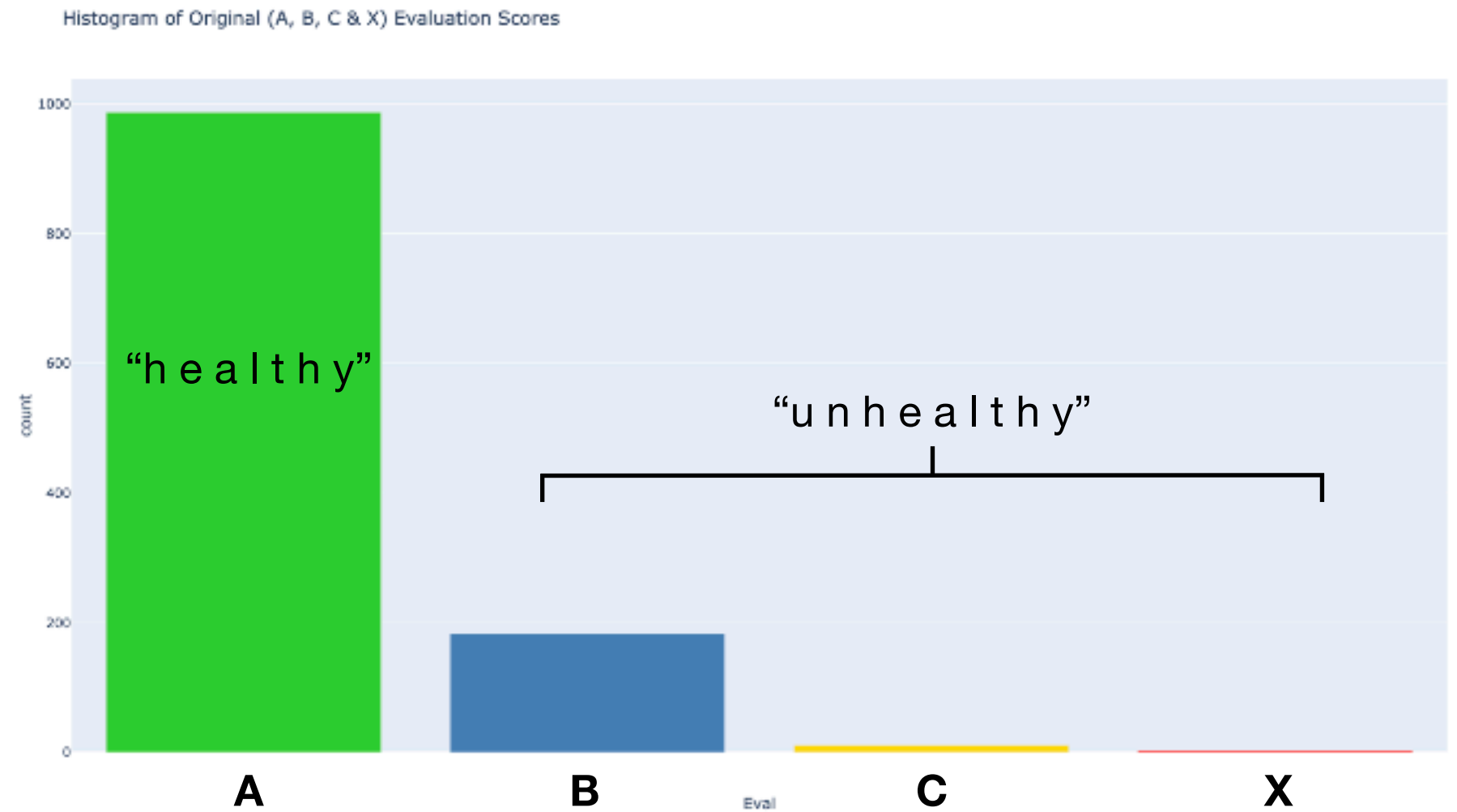
// "unhealthy" class is dominated by the B-class

... remember that pls

987 A

"h e a l t h y"

"u n h e a l t h y"

X 3

B 183→

←11 C

13