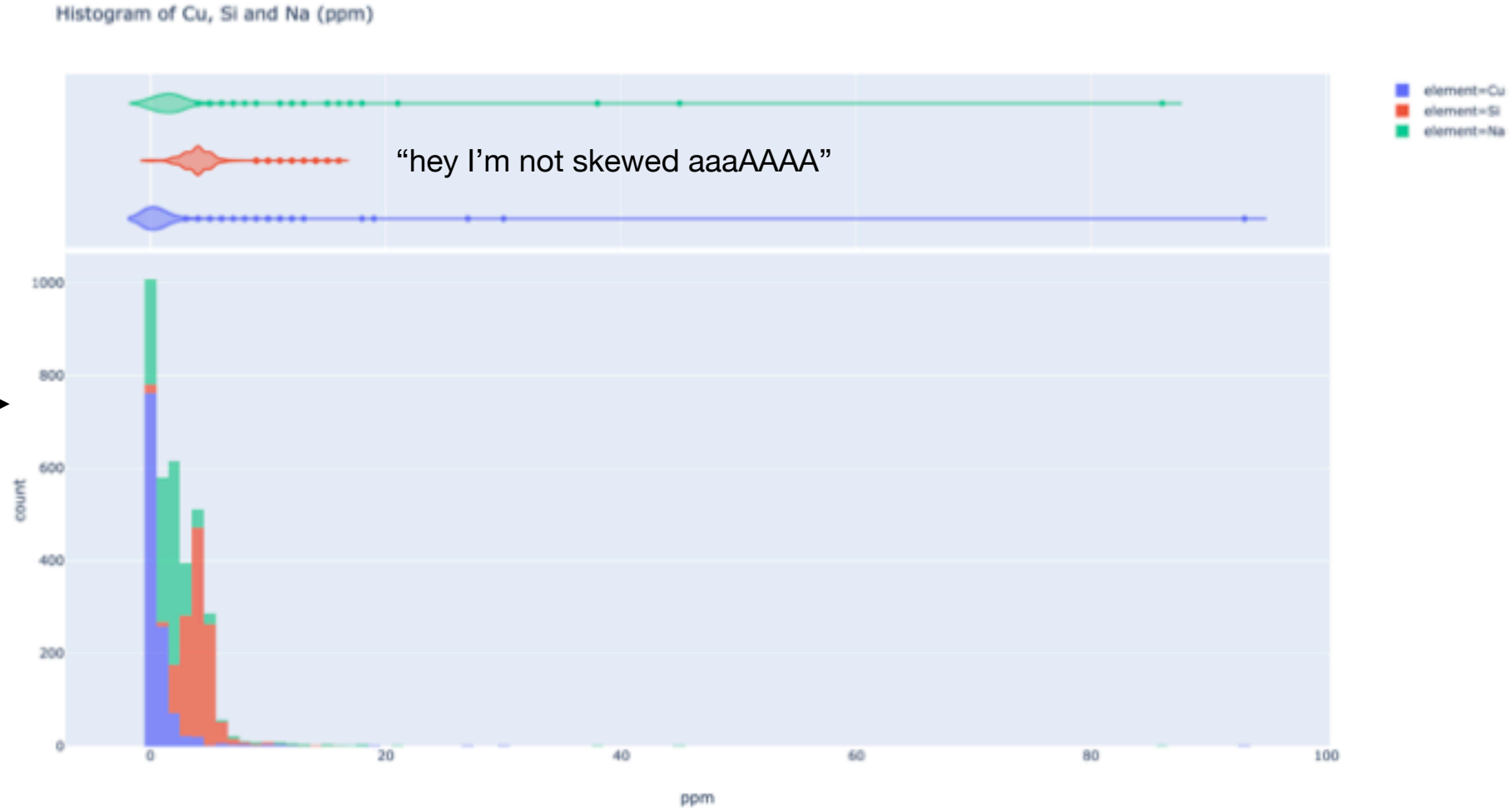
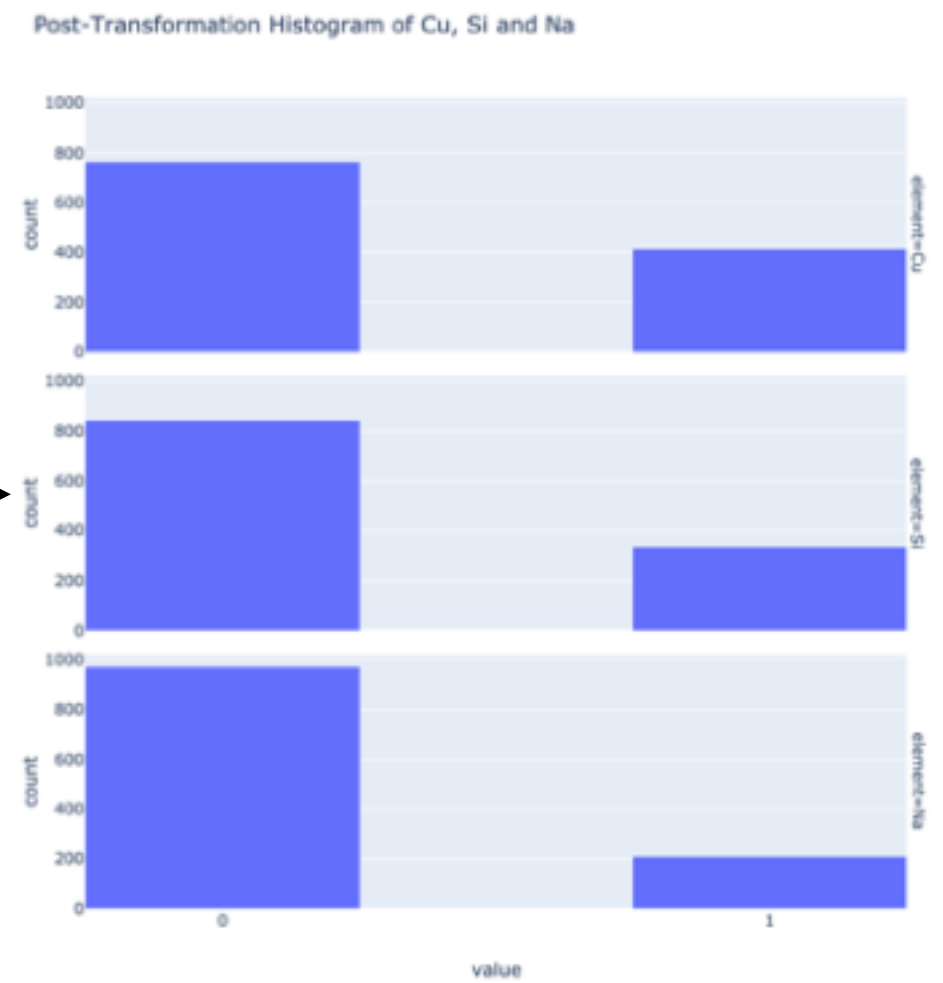


// transform skewed variables

before



after



Why aren't they evenly distributed if you split them on the median?
...you SHAM

// fit the same logistic regression model

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.8974	-0.6020	-0.4018	-0.2943	2.6427

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)	
(Intercept)	-3.813e+00	2.819e-01	-13.525	< 2e-16	***
Calc..Fluid.Hours	8.362e-05	3.635e-04	0.230	0.8181	
Fe	1.115e-01	1.664e-02	6.704	2.03e-11	***
Pb	2.611e-02	8.179e-02	0.319	0.7495	
Cu_cat	4.673e-01	2.229e-01	2.096	0.0360	*
Si_cat	3.314e-01	2.125e-01	1.559	0.1189	
Na_cat	1.574e-01	2.385e-01	0.660	0.5094	
prev_evalb	1.329e+00	2.351e-01	5.656	1.55e-08	***
prev_evalc	-3.317e-01	1.326e+00	-0.250	0.8025	
prev_evalx	3.285e+00	1.433e+00	2.293	0.0219	*

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 851.33 on 939 degrees of freedom
Residual deviance: 723.67 on 930 degrees of freedom
AIC: 743.67

Number of Fisher Scoring iterations: 5

Troy et no-one.

Phillips et al.