

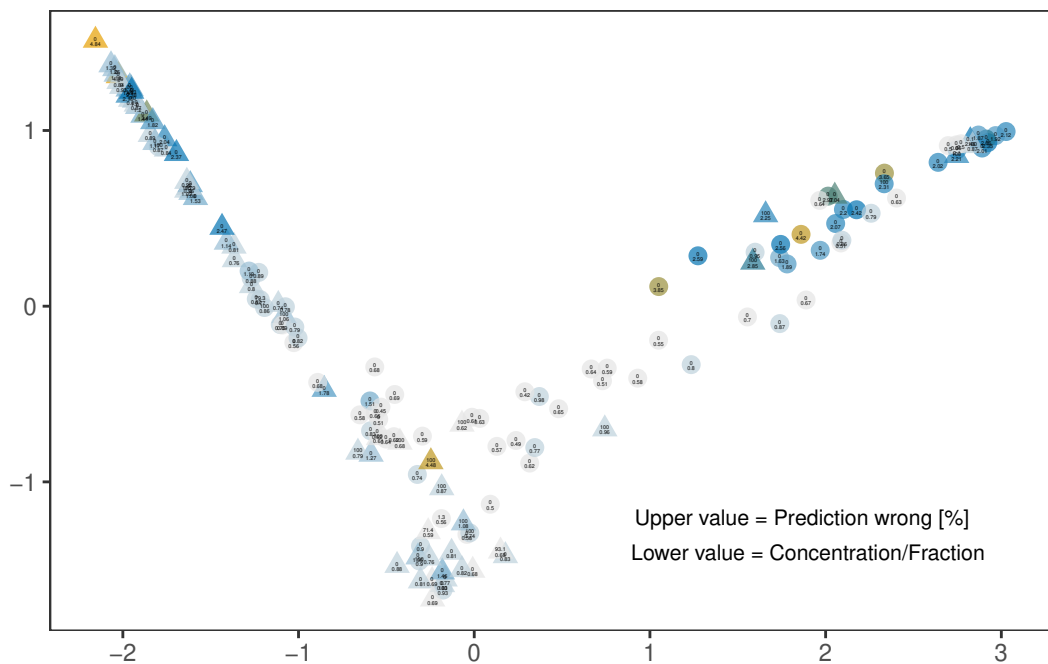
Supplementary Figures 10: The following plots display the prevalence of selected sediment parameters including the nine most important for TNT classification. The samples were arranged using a proximity matrix of an unsupervised random forest model with Top25 community as input data. Each plot is identifiable via a letter in the top left, additionally the parameter name was provided. For additional context, these plots can be compared with the unsupervised PCA ordination colored by sampling area.

The samples were labelled with two values. The upper value indicates the amount of times this sample was wrongly predicted by the prediction robustness analysis, expressed as a percentage. The lower number displays together with the color gradient the fraction or concentration, yellow being the highest value. The corresponding unit is indicated behind the parameter name. Both values were rounded. Only samples where a specific parameter was found were labelled.

Please note that it is possible to zoom into the pdf-files without loss of resolution.

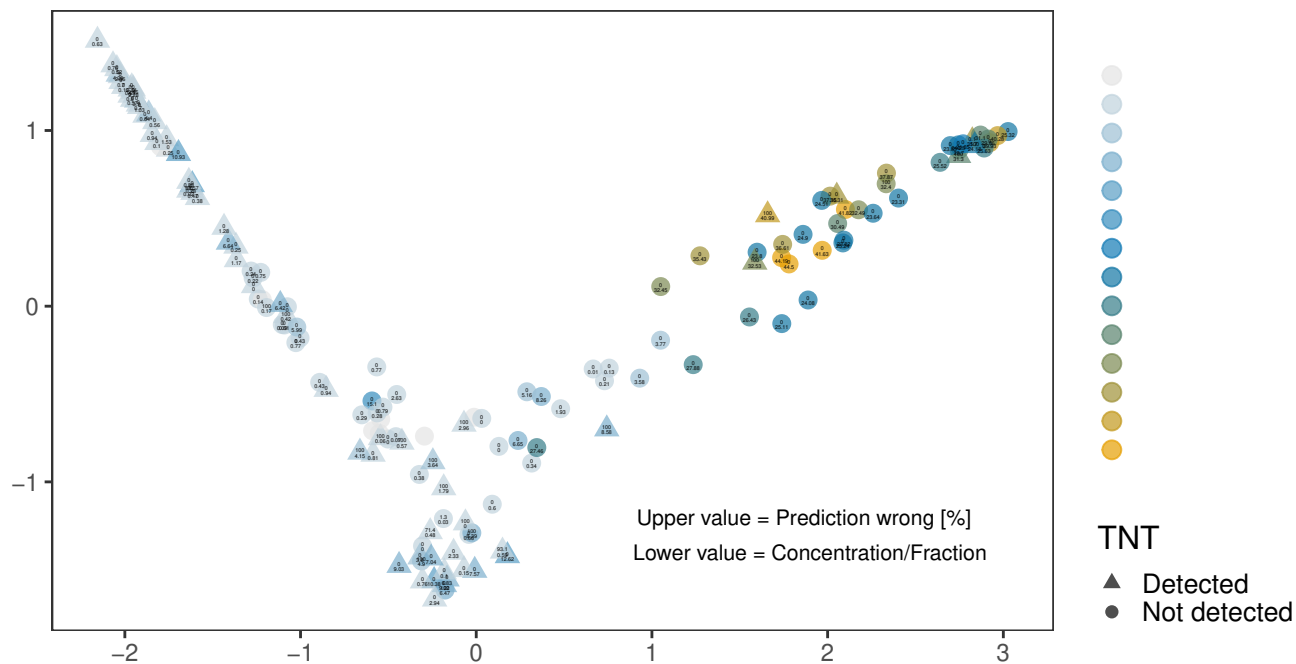
A

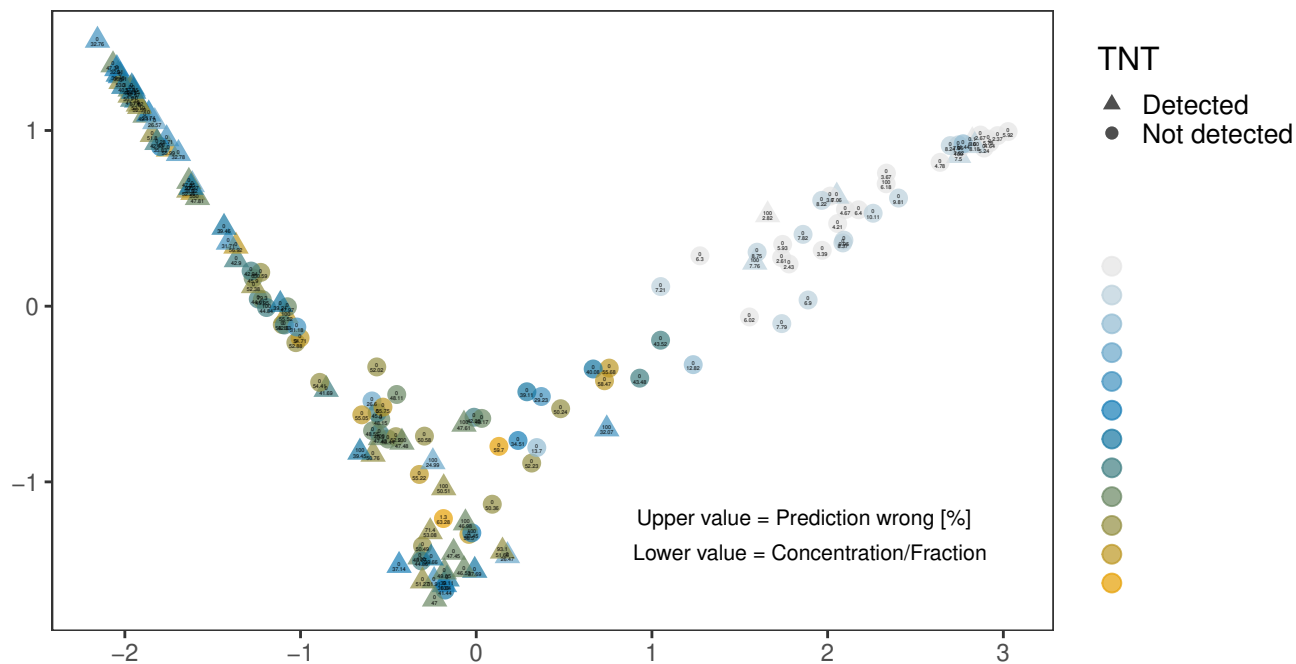
Arsenic [ppm]

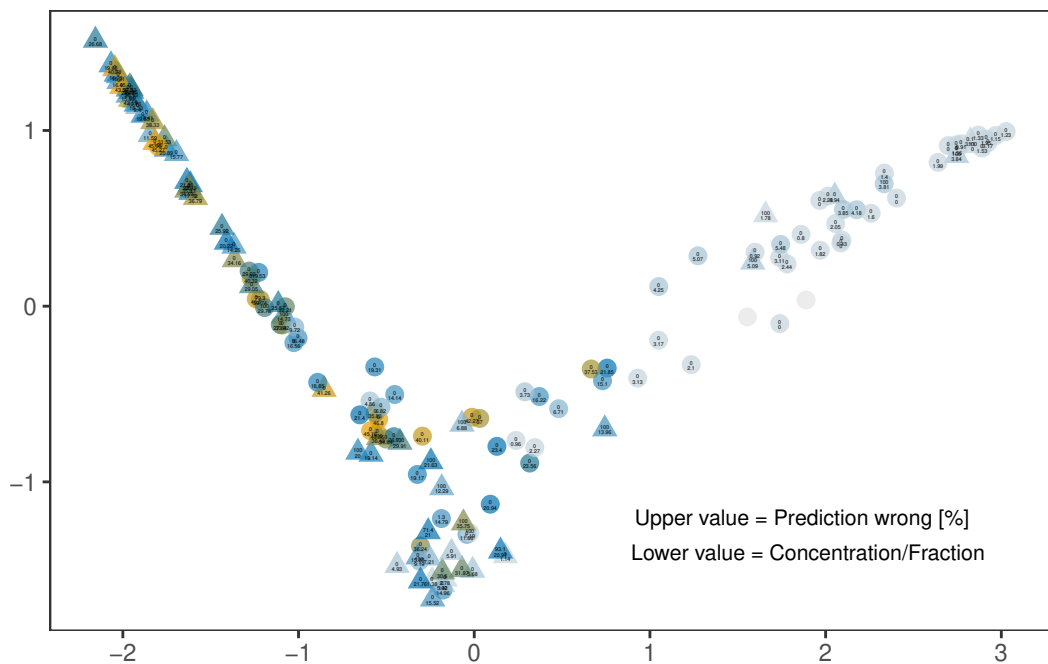
**TNT**

- ▲ Detected
- Not detected



B63 – 125 μm fraction [%]

C250 – 500 μm fraction [%]

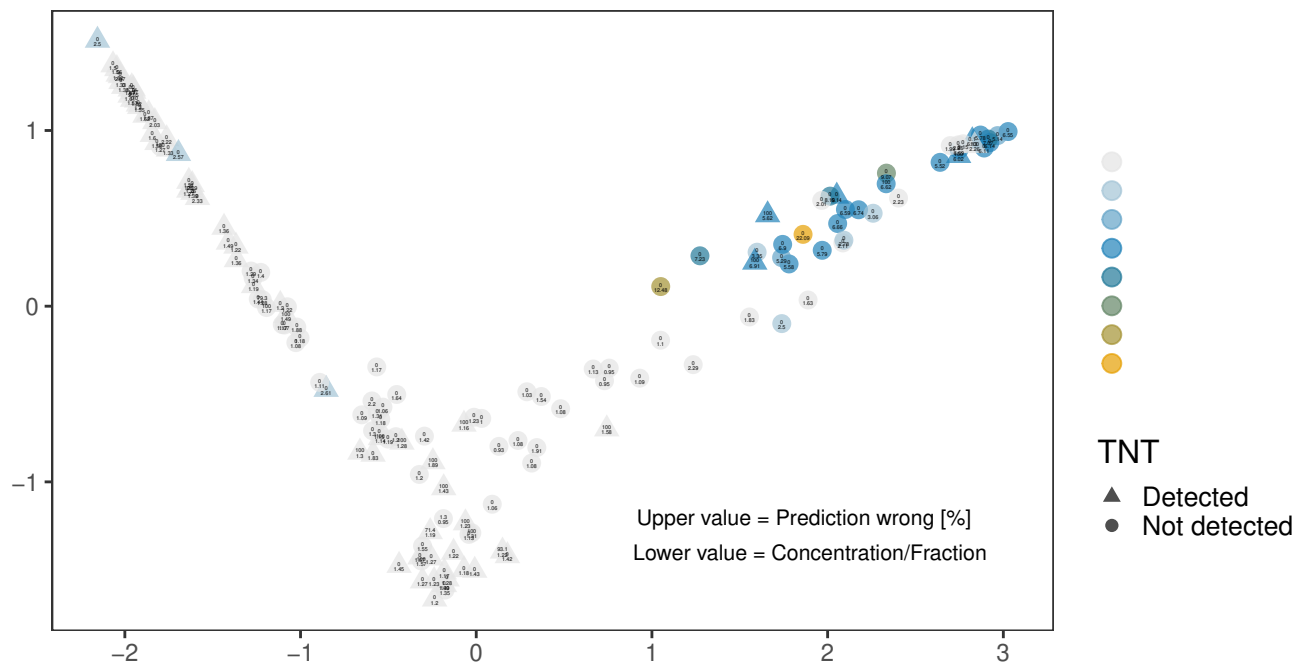
D500 – 1000 μm fraction [%]**TNT**

- ▲ Detected
- Not detected



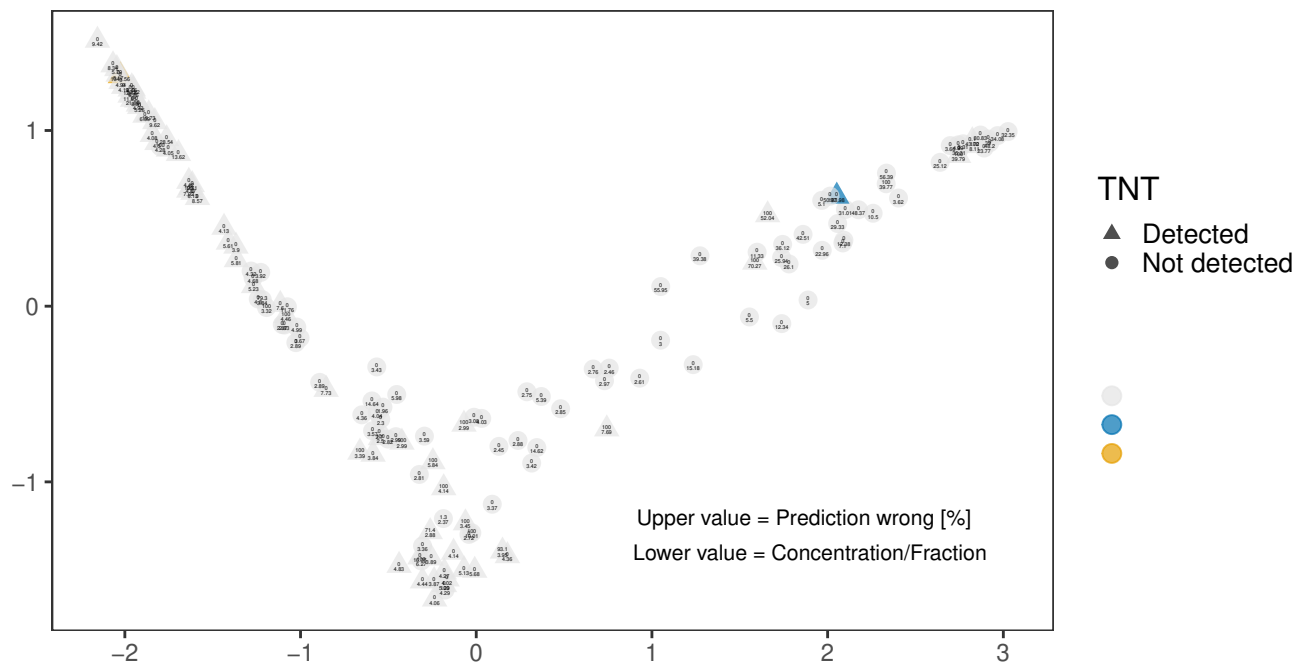
E

Vanadium [ppm]



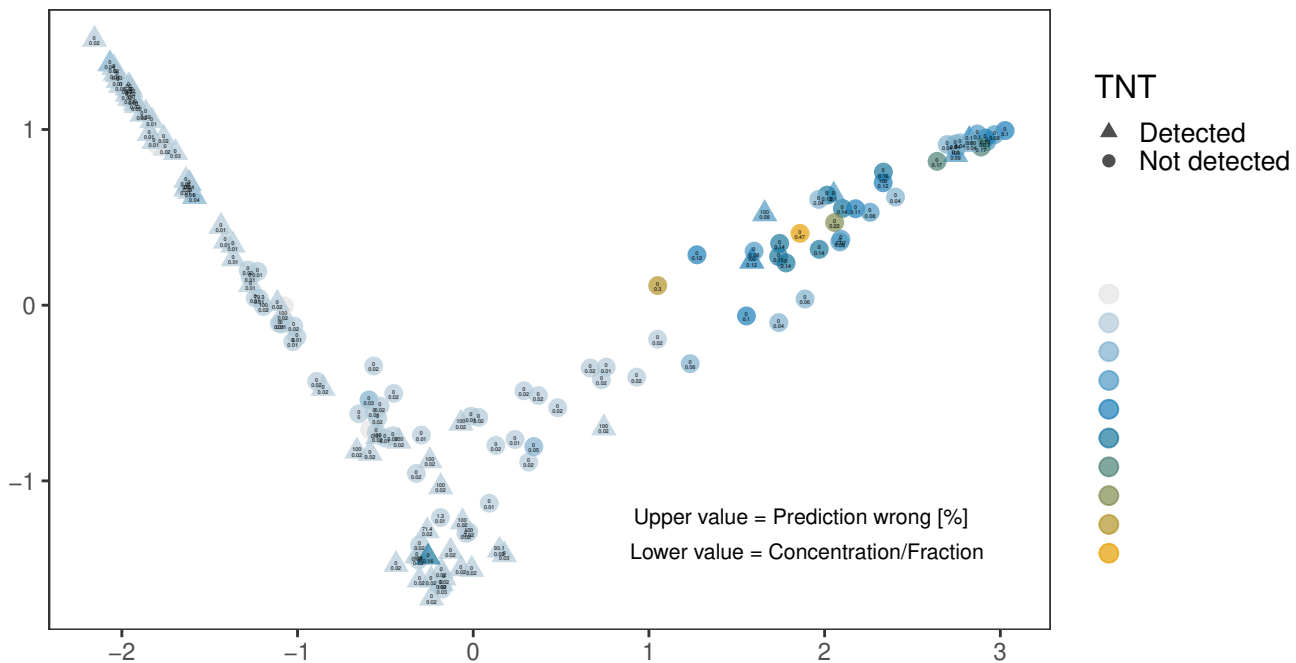
F

Zinc [ppm]



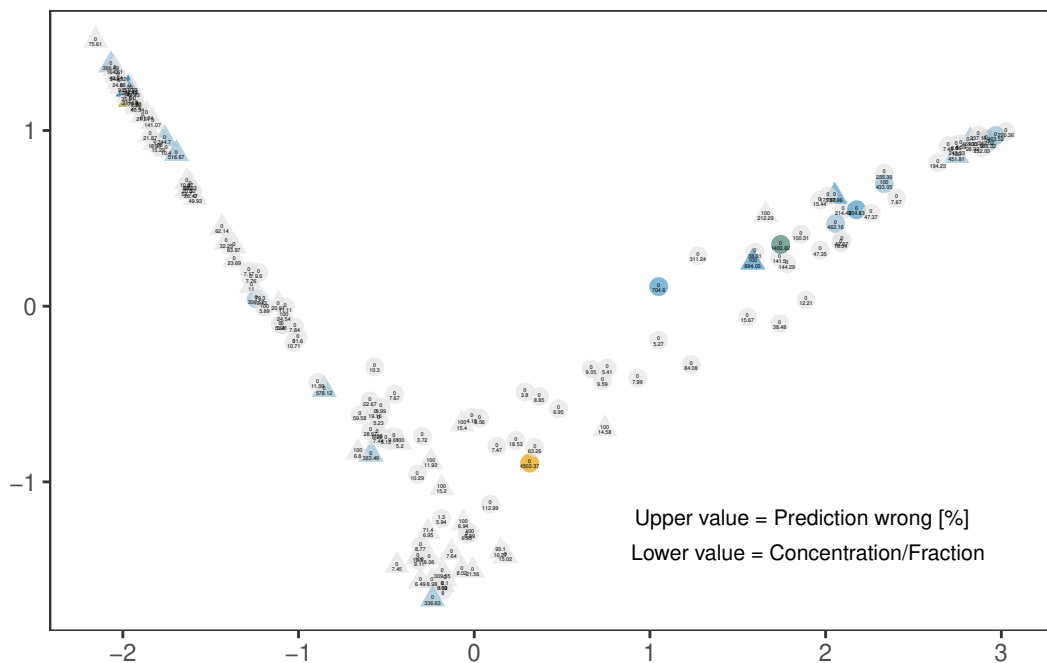
G

Total nitrogen [%]



H

Mercury [ppb]

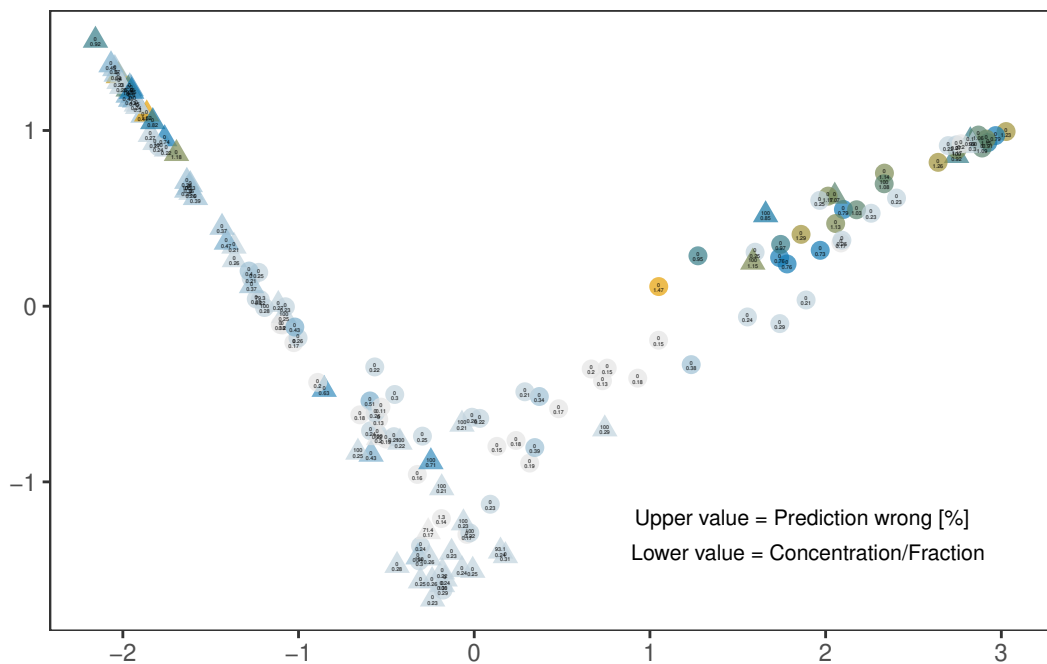


TNT

- ▲ Detected
- Not detected



I
Cobalt [ppm]



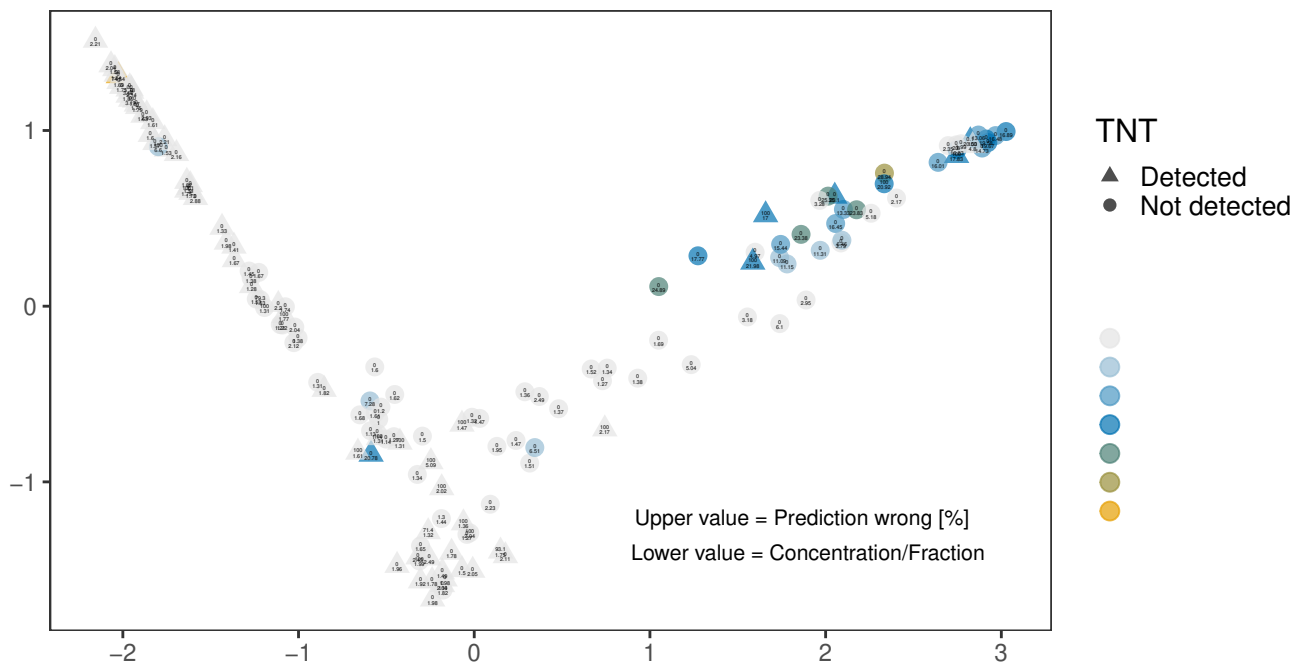
TNT

- ▲ Detected
- Not detected



J

Lead [ppm]



K

Lead isotope ratio $[c(206\text{Pb})/c(207\text{Pb})]$

