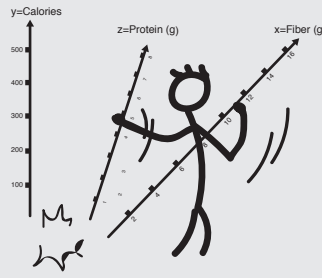
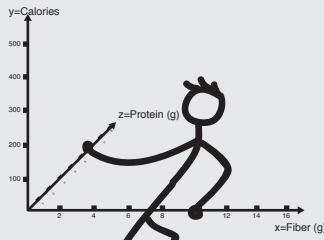


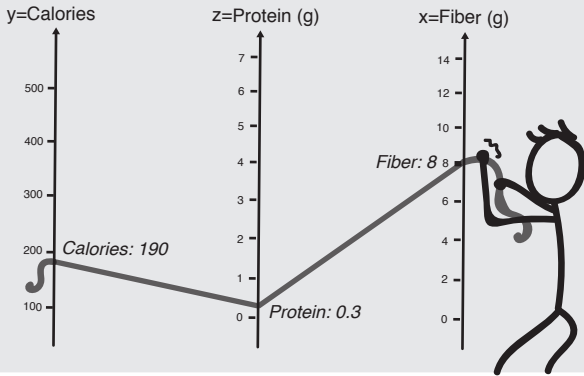
Let's change the arrangement of the axes...



...like so :



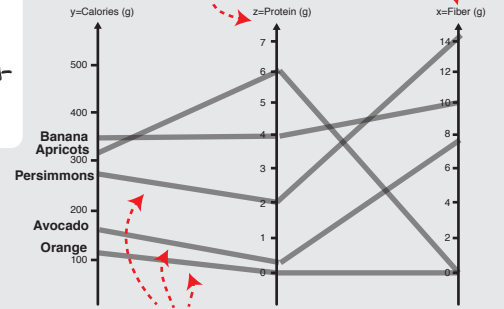
We now connect the values for each fruit with a line.



And obtain our Parallel Coordinates Plot (abbreviated: PCP).

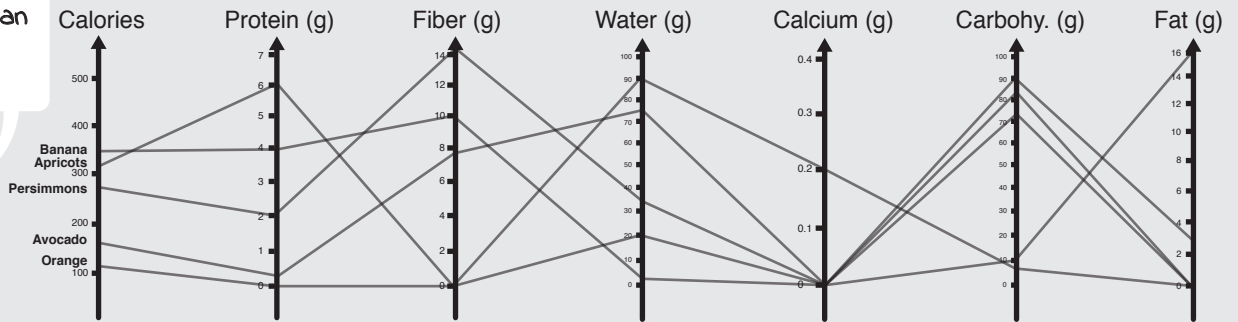


"Axes" = Dimensions

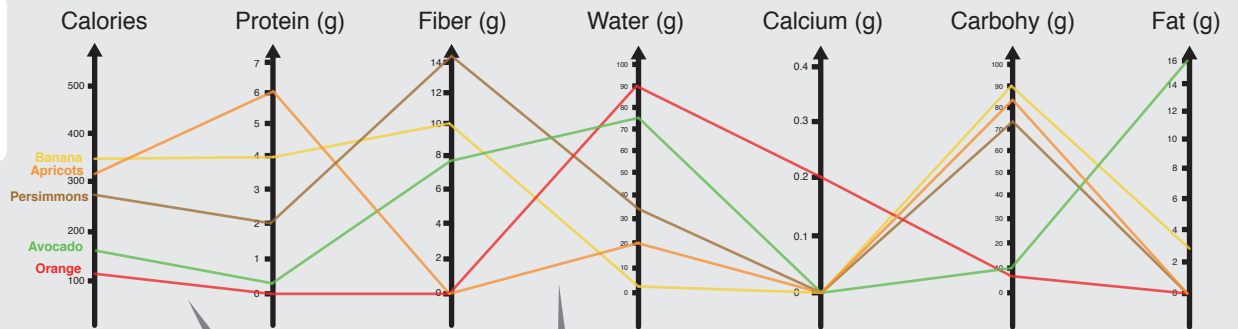


"Polylines" = data elements

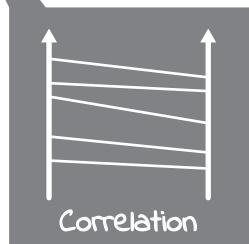
See how we can show many dimensions?



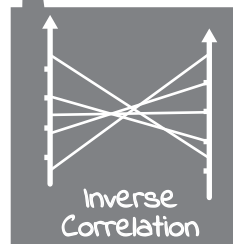
For better readability, let's add colors.



PCPs can show correlations between dimensions, depending on how the polylines cross and cluster.



The polylines are rather parallel.

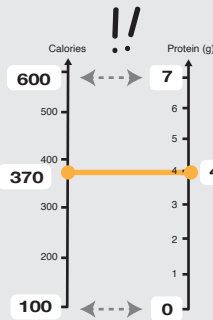


The polylines are rather crossing.

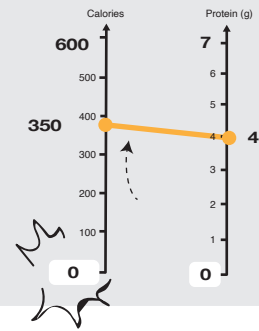
It looks like Bananas got the same amount of calories than they have proteins!



Not really! Look at the axis labels: the scales are different and one axis is not even starting at '0', but 100!

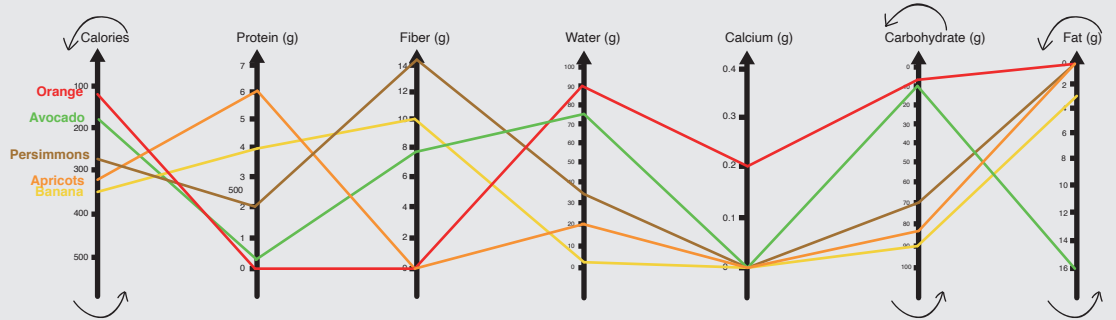
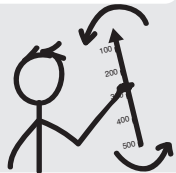


Let's correct at least the truncated axes to '0'.

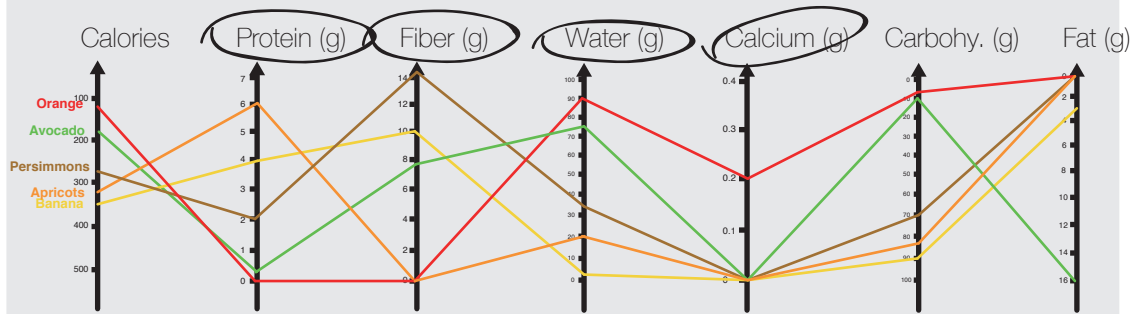


Also, make sure all axes are oriented so that high values can be compared in a meaningful way.

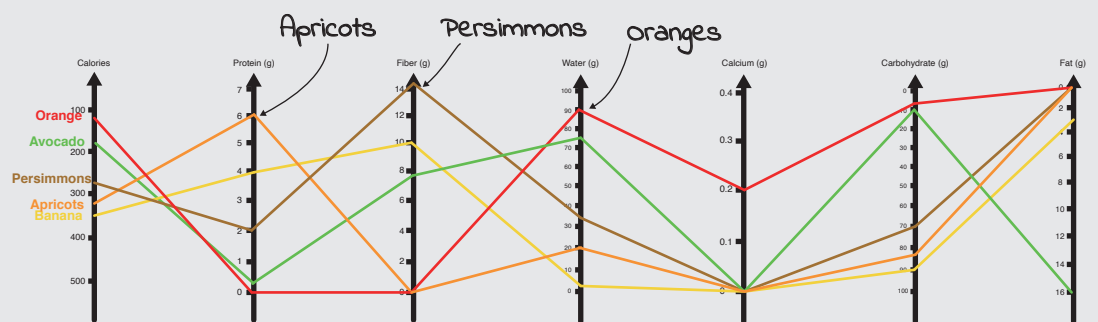
For example, this can mean that higher values are up or as in our example, 'desired' values are up, like low fat.



Try picking the three types with the highest in fiber, protein, water, and calcium!



Cool! I've got my decision! Let's buy some persimmons, apricots and oranges.



Sold out! we hesitated for too long!

