- **Soft Independent Modelling by Class Analogy (SIMCA)** is used to compare unknown samples to a reference. The model is built by taking into account one group considered as the "gold reference". The model is going to identify unknown samples as belonging or not belonging to the one and only group previously defined.

- **Statistical Quality Control (SQC)** allows one to follow the quality of a product with an acceptable variability of this quality. Data on the Y-axis can consist of distances to the target product, concentrations, or sensory panel scores. Various bands can be defined based on the number of grades, scores, etc. Samples are characterized based on the area where they are plotted.