



UNIVERSITY OF PANNONIA

Doctoral School of Business and Management

Statistical process control

1. What are the aim and assumptions of the usage of the traditional statistical process control charts? How are these assumptions relaxed in the newer versions of control charts?
2. What is the business or economic aim and aspects of the usage of control charts? How can the economic-related control charts be categorised?
3. What are the differences between the economic design, economic statistical design and the risk-based control charts?
4. How the multivariate control charts differ from the univariate ones?
5. What application of statistical process control can be observed in different branches of industry? Do these applications imply other assumptions or requirements to the statistical process techniques?