Statistics I
population: alle persons/ we are looking at
sample: subset of the population
· simple random sampling
· convenience sampling (e.g. on the street)
· systematic sampling (regular intervals in ordered list)
. stratified sampling (groups based on some lactor.
· stratified sampling (groups based on some factor,
· quota sampling (groups, convenience sampling inside
continuos vs discrete
(e.g. height) dator (number of oth.) (R) measure (N) count
outlies: extreme value
"center of data":
· mean x
· median (in the middle), if two - calculate their mean
· mode (most frequent value), if two > bimodal
spread a range IRR=Q3-Q1
(interguartile range)
8, 8, 6,
lower quartile 1 higher quartile 25th perientile median 25th percentile
25th perientile median 25th percentile
standard deviation o
variance (02)
outlies:
x < Q1 - 1,5. IQR or x > Q3 + 1,5. IQR
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