

Statistics is study of
series of collections,
organisation, analysis,
interpretation & presentation
(interpretation as well
of numeric as well
of categorical data

goal: to study large
collection of elements
~~population~~
survey: only few elements
inference about all
from these small
elements
of

population: total collection of objects

Pop. total collsel of
objects we want to stud

Sample: subgroup of
population that we study
to draw inference about
the population

Parameters, behavior we want
to study

Statistic, propositors, mean
median, std dev, variance
when computed from a
sample

Randomised Control Variables

- To explain, repor Shirley
variables
- Treatments, Control groups
placebo
 - Single blind
double blind
apparent

Descriptive statistics

They are brief descriptive
collelges that sum up
a given dataset. @ represent
a population or sample
→ Mean of Central Tend

↳ Mean med mode
↳ mean of Variables
 Std Deviation,
 Variance
 Std Devets
 Cov. Spt.
 Server

↳ Encrypt stach
 Free Chat (Delete, Complain)
 Free Polygon
 Free polygon
 Free polygons

try || UV
site 2 leaf P

Prob: analysis of random
phenomena,
random (Unbiased)
Ø Truly random strategy
sample

=
of every element in the
population gives equal chance
Sample - deal with chosen
part

~~Elyptofiner~~ \rightarrow

Single population

Two populations

Multiscale

ZyTask

Analyse von (Anordn.)

model select bivariate

$y_1 = m_1 + \epsilon$

$y_2 = m_2 + \epsilon$

sign.

~~Curve Ref~~

est parav
confid band
goodness of fit

Flagpoles

model fit

Goodness of fit

Qualitative

Categorical attribs

with derived Agent

using finite discrete class

get Y

~~Nominal~~ into natural ord

~~order~~ natural order

(low, med, high)

agree, neutral, disagree

Quantitative

mean (represent

attribute

mean

only by numeric value

med to count mean cent
prop of population

~~Ques~~

Discrete

It only finds no. of
numerical values
(integer)

Y Continuum

[fractional values
non-fractional values]

fractional
of numerical

tax

Salaries
at Central level

GDP

v
to
L.N. of
De
prodess

	Qual	Quant
Average		
Frequency	✓	Discrete ✓ Cont X
Regression		
ANOVA		
Chi-Square test	✓	
Spread		✓

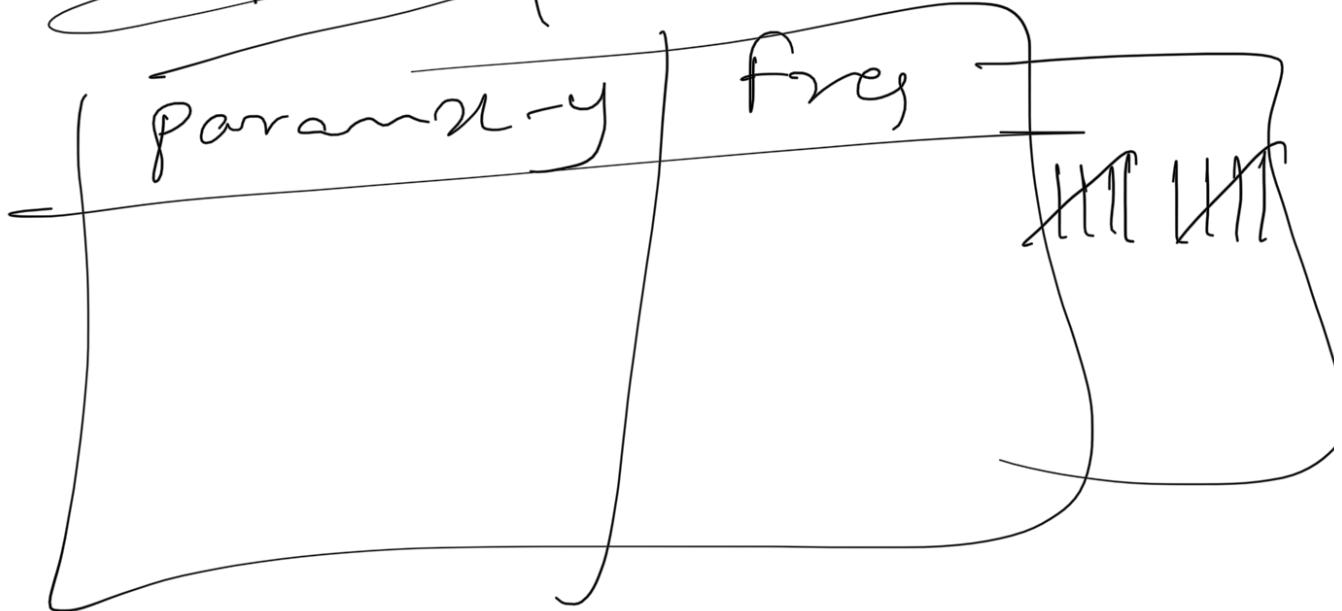
Free Table:

no. of times,
an event

event } value occur

~~page 11 of 30~~ ~~for~~

Parametry | Freq



Freq plot: (Absolute)

shows patterns in date

by plotting now after

Mr. B portcullis Vernon's valve.

V \sim occur.

~~sort~~ $x-H$: category

~~by var-~~ : count of value

~~relative~~

~~L %.~~

~~Grouped fl~~ \hookrightarrow compare diff data

~~Group R fl~~

Quantitative Data

~~Histogram~~

(x - class interval)

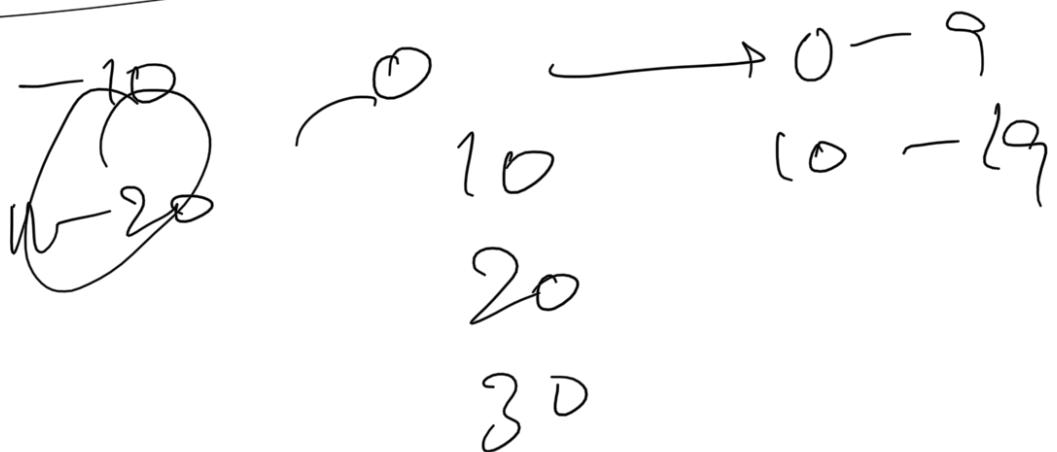
~~draw bars~~

~~already sorted~~

↳ for ease of visualisation

↳ bin size - ideal

left end inclusion



Draw Histogram

x - natural sorted

~~Select
Freq. Polys~~

here graph represent
set of score from
freq table

- mouth mid point

~ Corry
of kind

Cumulative FP abc
Up sh we fr

- each class inter add sum of frequencies

Cum FP Relat
y - 100'

Trends in hist

- val spread
- date density

gaps in box
- outliers

rest
of machine learning

↳ check discrим. func
↳ Analysis output scores

for Quant

↳ also ↳ heat plot
↳ stem ↳ scatter plot
↳ scatter