Lecture : 06

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Measure of Dispersion	_ e
- Dispersion refers to how spread out the data is.	
-) It shows how for values lie from the central	
value (mean or median) close dispusion	-
wide	- 6
dispersion	
	===
Distance procenter	
-> Assume median as a measure of central	
tendency	
-> pispersion from median	€
Quantiles	=
A Q2 -> Divide the data into two halves (median)	+
- Quantile is a general form of dividing a dataset into equal siz	e
→ Every Q-Quantile have (Q-1) numbers and it divide	C
data into Q: pouts.	C
The state of the s	C
Quartiles (specific type of quantile where data is divided into 4 p	ab)
Q1 -> Represents the 25th percentile	E
Q2 -> Represents the 50th percentile (the median)	E
\$3 -> Represent the 75th percentile	_
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Note of the selection o	-6
Inter Quartile Ronge (IQR) spread of data distribution	-6
IQR= Q3 - Q1	
spread of the middle soy of observation	<u> </u>
Small IQR: tightly clustered middle values	-
Longe IQR: widely spread middle values	-

