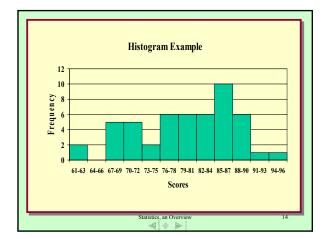


Simple frequency distribution (N=20)				
Score	Frequency (f)	%	Cum % (Percentile)	
17	1	5	100	
16	0	0	95	
15	4	20	95	
14	5	25	75	
13	4	20	50	
12	3	15	30	
11	2	10	15	
10	1	5	5	
Statistics, an Overview 12				

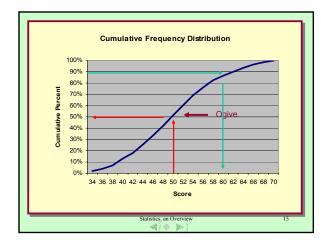


					-
	Grouped Frequency Distribution (N = 50)				
	Score	Frequency (f)	Cum f	Cum % Percentile	
	94-96	1	50	100.00	
	91-93	1	49	98.00	
	88-90	6	48	96.00	
	85-87	10	42	84.00	
	82-84	6	32	64.00	
	79-81	6	26	52.00	
	76-78	6	20	40.00	
	73-75	2	14	28.00	
	70-72	5	12	24.00	
	67-69	5	7	14.00	
	64-66	0	2	4.00	
	61-63	2	2	4.00	
Statistics, an Overview 13					

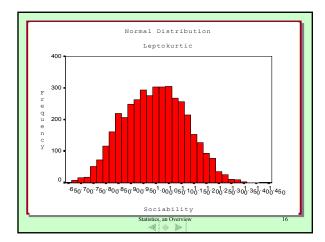




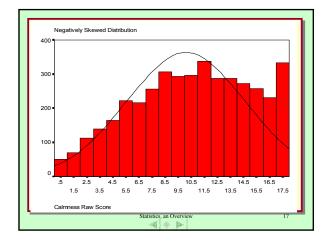




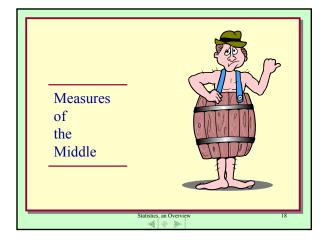




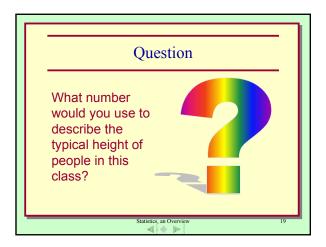




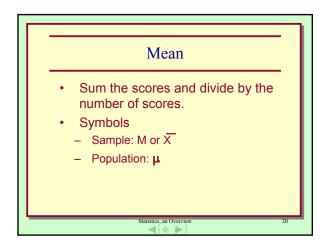


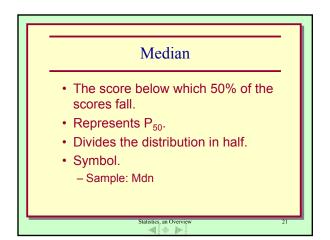


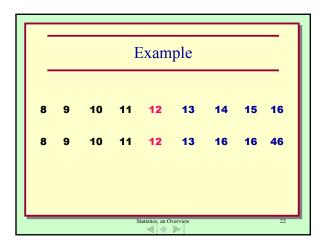




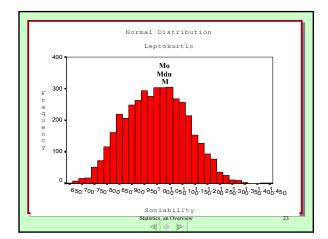




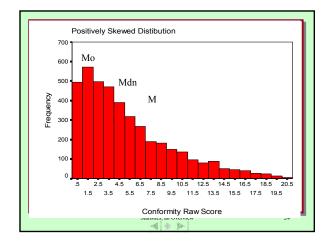




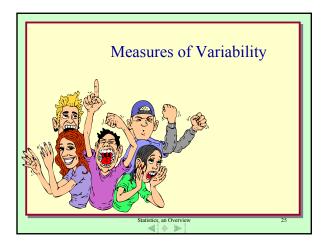




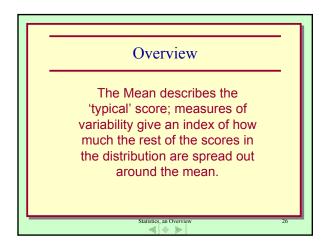


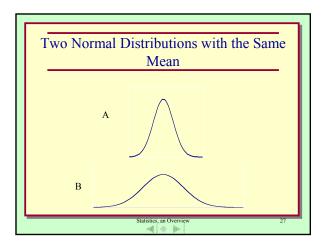




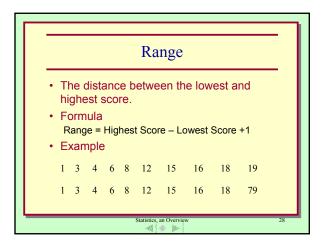








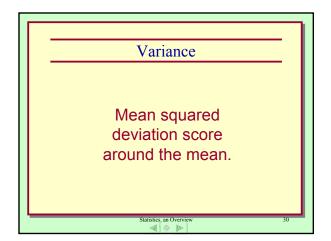


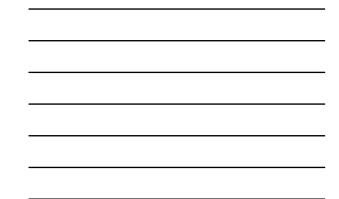


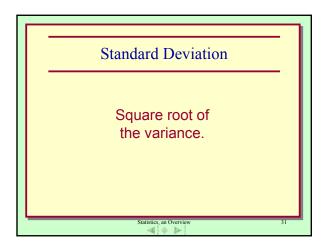


	ation Sco	JIE	.
Score	X-M _x	(X-M _x) ²	
5	-2.5	6.25	
6	-1.5	2.25	
7	5	.25	
8	.5	.25	
9	1.5	2.25	
10	2.5	6.25	
45	0	17.50	
7.5	0	2.92	
	5 6 7 8 9 10 45	5 -2.5 6 -1.5 7 5 8 .5 9 1.5 10 2.5 45 0	5 -2.5 6.25 6 -1.5 2.25 7 5 .25 8 .5 .25 9 1.5 2.25 10 2.5 6.25 45 0 17.50

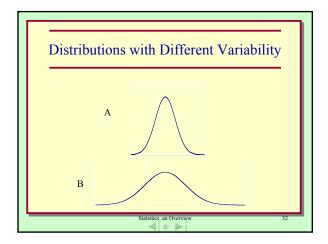


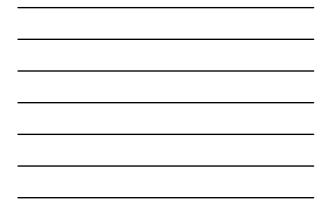








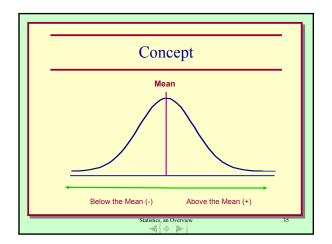




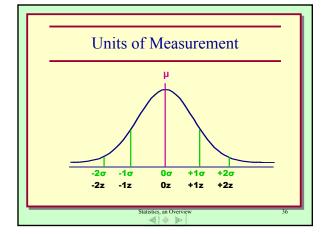
Standard Saaraa (7 aaaraa)	
Standard Scores (Z-scores)	
Statistics, an Overview	33



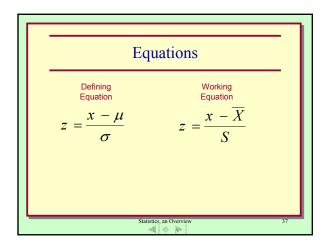








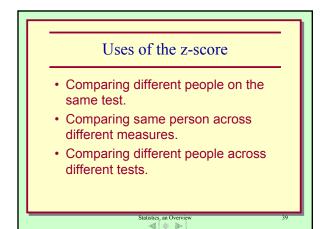


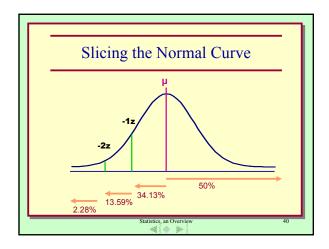




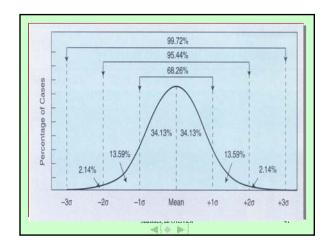
Г			٦
	Examples		
	Mean = 50	SD = 10	
	What is the z score for a raw score of 65?	What is the z score for a raw score of 45?	
	Z = (65 - 50)/10	Z = (45 - 50)/10	
	Z = 15/10	Z = -5/10	
	Z = 1.5	Z =5	
	0 of a line	- A	
		an Overview 38	



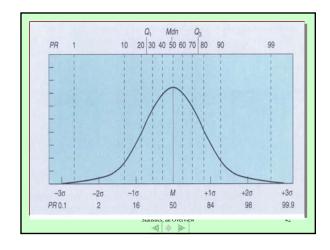


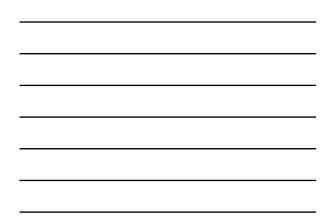


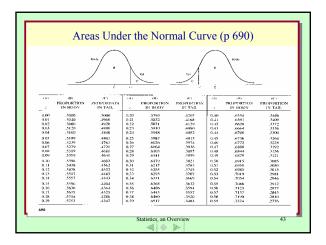








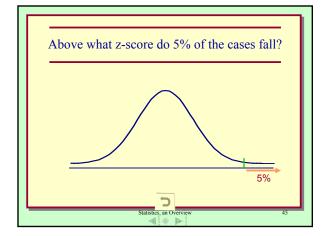




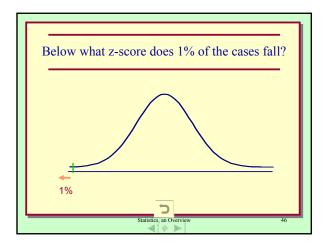


	٦
Key Probabilities	
Above what z-score do 5% of the cases fall?	
Below what z-score does 1% of the cases fall?	
Between which two z-scores do 95% of the cases fall? \longleftrightarrow ± 1.96	
Between which two z-scores do 99% of the cases fall? $$\pounds$ 2.58$	I
Statistics, an Overview 44	

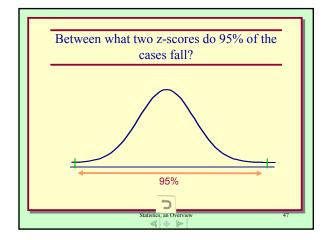




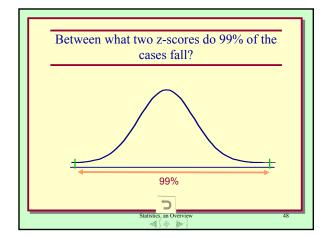




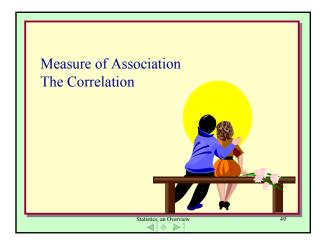




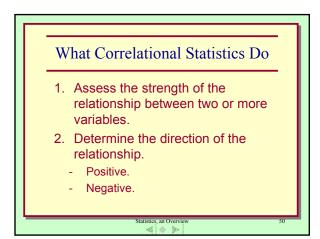


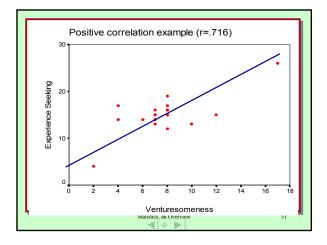


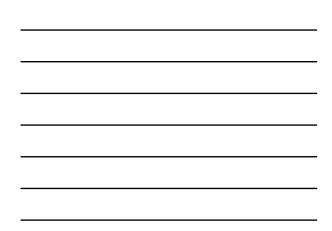


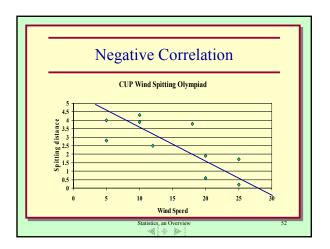




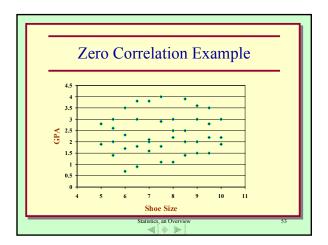




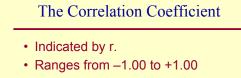












- The number indicates the strength of the relationship.
- The sign indicates whether the relationship is positive or negative.

Statistics, an Overview

Does NOT indicate causality.

	Measuring th	e Correlation]
	Coefficient	Strength	L
	.60 to 1.00 60 to -1.00	Very strong	I
	.40 to .59 40 to59	Moderate	I
	.20 to .39 20 to39	Weak	I
	19 to +.19	Very weak	I
<u> </u>	Statistics, a	n Overview 55	1



