Example Statistics Data

Chi Squared

1. Pedestrain counts at three locations in a town for two minutes

	Location A	Location B	Location C
Age 0-20	15	0	10
Age 21-40	10	5	5
Age 41 – 60	5	16	9
Age 61+	0	8	21

2. Stone size data at three distances along a beach

	Next to the groyne	50m from groyne	100m from groyne
Small: 0-5 cm	11	13	2
Medium: 6-10 cm	7	20	6
Large: 11+ cm	4	6	12

Speamans Rank

1. Changes in species richness with distance from the sea on a saltmarsh

Distance From Creek / m	0	2	4	5	7	8	14	20	23	30
Species Richness	0	2	5	5	5	5	3	5	3	4

2. Changes in envrionemtal quality with distance from town centre

Distance / m	0	10	20	30	40	50	60	70	80	90
Environmental Quality	1	3	5	6	5	8	9	10	11	11

T-test or Mann Whitney U

1. Temperature in the centre of a town and 1000m out of town

Centre of Town		21.7	21.2	20.5	19.2	19.9	20.8	17.5	21	22.1	19.2
1000m out of town	16.2		17.5	18.5	16.8	17.1	18.1	17.5	15.9	16.7	17.2

2. Environmental quality scores in two settlements

Sample number	Brockham	Ashtead
1	27	31
2	33	37
3	29	35
4	32	34
5	31	35
6	31	34
7	31	37
8	37	40
9	37	41
10	37	38
11	33	39
12	33	32
13	36	31
14	30	36
15	29	33

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Juniper Hall Field Centre