	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	**Diet**	**Wtloss**																
2	A	3.709																
3	A	7.087		**Diet A**	**n**	50												
4	A	6.754			**Mean**	5.341												
5	A	8.994			**SD**	2.536												
6	A	9.077																
7	A	6.413																
8	A	5.877																
9	A	2.572																
10	A	7.520																
11	A	6.881																
12	A	7.265																
13	A	3.477																
14	A	3.755																
15	A	8.760																
16	A	7.032																
17	A	9.052																
18	A	10.062							The range B2:B51 includes the Wtloss data only for those individuals on Diet A. The sample size for								
19	A	4.840							Diet A is n = 50 (50 individuals undertook Diet A). The sample mean weight loss for Diet A is 5.341;								
20	A	6.449							The average weight loss for those individuals who undertook Diet A is 5.341 kg, so the diet appears								
21	A	9.019							to have been effective. The sample standard deviation of the weight loss for Diet A is 2.536 kg. Since								
22	A	-1.715							the mean weight loss is a little larger than 2s, then a high proportion of those individuals on Diet A								
23	A	4.718		**Diet B**	**n**	50			had a positive weight loss, again emphasising the effectiveness of the diet. Similary, performing the								
24	A	4.007			**Mean**	3.710			same test on the Diet B, sample size of n = 50 for the Diet B, the sample mean weight loss for Diet B								
25	A	7.241			**SD**	2.769			is 3.710 and the standard deviation of the weight loss of Diet B is 2.769 kg. From the above data we								
26	A	2.128							can interpret that Diet A is more effective than Diet B. The standard deviation of Diet A (S = 2.536								
27	A	6.968							Kg) is lower than the SD of Diet B (S = 2.769 Kg) because lower SD indicates that the data points are								
28	A	4.853							clustered around the mean, showing the high consistency. There is better consistency of weight loss								
29	A	0.055							in Diet A than Diet B. Thus, Diet A is more effective in weight loss than Diet B.								
30	A	2.680																
31	A	3.746																
32	A	7.033																
33	A	5.033																
34	A	5.569																
35	A	6.712																
36	A	3.663																
37	A	2.741																
38	A	6.256																
39	A	5.349																
40	A	7.300																
41	A	5.445																
42	A	4.970																
43	A	3.613																
44	A	7.568																
45	A	5.861																
46	A	4.157																
47	A	0.203																
48	A	4.441																
49	A	5.875																
50	A	5.715																
51	A	0.280																
52	B	-1.087																
53	B	1.819																
54	B	0.074																
55	B	1.755																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
56	B	1.889																
57	B	3.089																
58	B	4.008																
59	B	4.551																
60	B	1.372																
61	B	3.413																
62	B	-4.148																
63	B	2.823																
64	B	2.865																
65	B	4.369																
66	B	6.337																
67	B	6.308																
68	B	3.494																
69	B	10.539																
70	B	3.840																
71	B	5.123																
72	B	5.485																
73	B	-1.894																
74	B	8.016																
75	B	2.310																
76	B	3.882																
77	B	7.030																
78	B	7.727																
79	B	0.105																
80	B	3.650																
81	B	4.547																
82	B	4.985																
83	B	5.159																
84	B	4.760																
85	B	4.934																
86	B	3.106																
87	B	5.598																
88	B	2.162																
89	B	6.520																
90	B	7.046																
91	B	1.757																
92	B	1.848																
93	B	1.096																
94	B	2.145																
95	B	8.435																
96	B	6.099																
97	B	3.972																
98	B	2.409																
99	B	0.569																
100	B	7.013																
101	B	2.594																