

Quality Tools



Scatter Diagram

Description

This template illustrates a Scatter Diagram, also called a Scatter Plot or XY Graph. Scatter Diagrams show the relationship between an input, X and the output, Y. If a relationship exists, the input is correlated to the output.

[Learn About Scatter Diagrams](#)

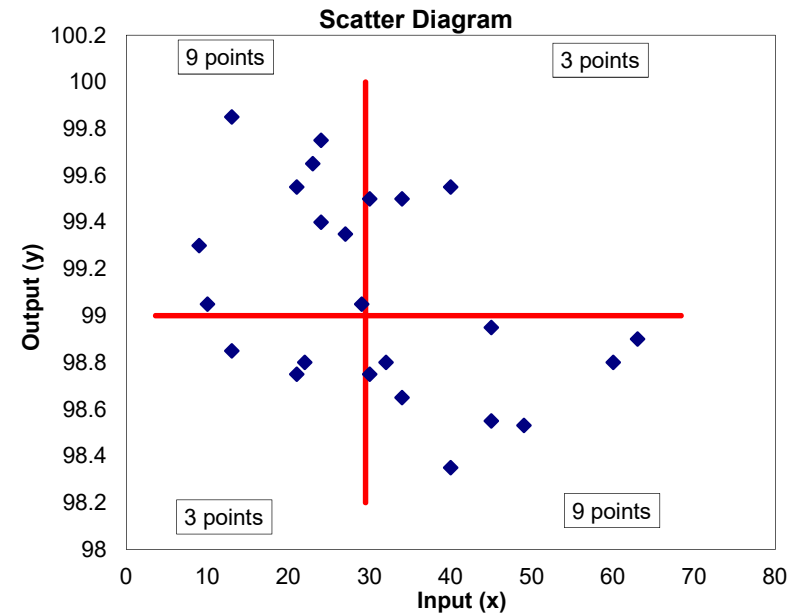
Instructions

Enter up to 90 data points in the cells provided. The Scatter Diagram is displayed. The number of points in each quadrant is calculated. A test for correlation is performed using a trend table. Further information on this test can be found by following the link above.

Learn More

To learn more about other quality tools, visit the ASQ Learn About Quality web site.

[Learn About Quality](#)



	Input (x)	Output (y)
1	63	98.9
2	60	98.8
3	49	98.53
4	40	98.35
5	45	98.55
6	45	98.95
7	30	98.75
8	34	98.65
9	32	98.8
10	21	98.75
11	22	98.8
12	29	99.05
13	27	99.35
14	13	99.85
15	10	99.05
16	9	99.3
17	21	99.55
18	24	99.4

	Input (x)	Output (y)
19	40	99.55
20	34	99.5
21	30	99.5
22	24	99.75
23	23	99.65
24	13	98.85
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		

	Input (x)	Output (y)
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		

	Input (x)	Output (y)
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		

	Input (x)	Output (y)
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		

This template was written for the American Society for Quality by

[Stat Aids](#)

Your feedback is welcome and encouraged. Please e-mail to:

Stat_Aids@yahoo.com