

Default	High
60	18
62	50
57	52
88	71
40	54
58	55
33	57
125	20
50	56
54	156
60	40
43	14
21	12
37	17
58	18
41	54
53	17
21	56
44	51
140	51
59	19
48	39
45	139
50	51
59	80
65	75
16	138
20	58
60	62
22	55

STDEV.S	STDEV.S
27.04592	36.0677

# F-Test Two-Sample for Variances

	Variable 1	Variable 2
Mean	52.96666667	54.5
Variance	731.4816092	1300.87931
Observations	30	30
df	29	29
F	0.562297827	
P(F<=f) one-tail	0.063436278	
F Critical one-tail	0.537399965	

mean(var1) < mean(var2)

F > F Crit

assume equal

# t-Test: Two-Sample Assuming Equal Variances

	Variable 1	Variable 2
Mean	52.96666667	54.5
Variance	731.4816092	1300.87931
Observations	30	30
Pooled Variance	1016.18046	
Hypothesized Mean Difference	0	
df	58	
t Stat	-0.186293107	
P(T<=t) one-tail	0.426432483	
t Critical one-tail	1.671552762	
P(T<=t) two-tail	0.852864966	
t Critical two-tail	2.001717484	

High	Max
18	51
50	35
52	59
71	11
54	21
55	63
57	54
20	62
56	41
156	49
40	55
14	67
12	52
17	49
18	60
54	50
17	33
56	52
51	57
51	58
19	54
39	76
139	64
51	31
80	30
75	71
138	45
58	20
62	58
55	124

STDEV.S	STDEV.S
36.0677	20.65302

# F-Test Two-Sample for Variances

	Variable 1	Variable 2
Mean	54.5	51.73333333
Variance	1300.87931	426.5471264
Observations	30	30
df	29	29
F	3.049790351	
P(F<=f) one-tail	0.001835396	
F Critical one-tail	1.860811435	

mean(var1) > mean(var2)

F > F Crit

assume unequal

# t-Test: Two-Sample Assuming Unequal Variances

	Variable 1	Variable 2
Mean	54.5	51.73333333
Variance	1300.87931	426.5471264
Observations	30	30
Hypothesized Mean Difference	0	
df	46	
t Stat	0.364600856	
P(T<=t) one-tail	0.358540107	
t Critical one-tail	1.678660414	
P(T<=t) two-tail	0.717080215	
t Critical two-tail	2.012895599	

Default	Max
60	51
62	35
57	59
88	11
40	21
58	63
33	54
125	62
50	41
54	49
60	55
43	67
21	52
37	49
58	60
41	50
53	33
21	52
44	57
140	58
59	54
48	76
45	64
50	31
59	30
65	71
16	45
20	20
60	58
22	124

STDEV.S	STDEV.S
27.04592	20.65302

# F-Test Two-Sample for Variances

	Variable 1	Variable 2
Mean	52.96666667	51.73333333
Variance	731.4816092	426.5471264
Observations	30	30
df	29	29
F	1.714890487	
P(F<=f) one-tail	0.076176618	
F Critical one-tail	1.860811435	

mean(var1) > mean(var2)

F < F Crit

assume equal

# t-Test: Two-Sample Assuming Equal Variances

	Variable 1	Variable 2
Mean	52.96666667	51.73333333
Variance	731.4816092	426.5471264
Observations	30	30
Pooled Variance	579.0143678	
Hypothesized Mean Difference	0	
df	58	
t Stat	0.198509561	
P(T<=t) one-tail	0.421670298	
t Critical one-tail	1.671552762	
P(T<=t) two-tail	0.843340595	
t Critical two-tail	2.001717484	