Obs	ID	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20	X21	X22	X23
1	1	2	0	1	1	1	8.5	3.9	2.5	5.9	4.8	4.9	6.0	6.8	4.7	4.3	5.0	5.1	3.7	8.2	8.0	8.4	65.1	1
2	2	3	1	0	0	0	8.2	2.7	5.1	7.2	3.4	7.9	3.1	5.3	5.5	4.0	3.9	4.3	4.9	5.7	6.5	7.5	67.1	0
3	3	3	0	1	1	1	9.2	3.4	5.6	5.6	5.4	7.4	5.8	4.5	6.2	4.6	5.4	4.0	4.5	8.9	8.4	9.0	72.1	1
4	4	1	1	1	1	0	6.4	3.3	7.0	3.7	4.7	4.7	4.5	8.8	7.0	3.6	4.3	4.1	3.0	4.8	6.0	7.2	40.1	0
5	5	2	0	1	0	1	9.0	3.4	5.2	4.6	2.2	6.0	4.5	6.8	6.1	4.5	4.5	3.5	3.5	7.1	6.6	9.0	57.1	0
6	6	1	1	0	1	0	6.5	2.8	3.1	4.1	4.0	4.3	3.7	8.5	5.1	9.5	3.6	4.7	3.3	4.7	6.3	6.1	50.1	0
7	7	1	1	1	1	0	6.9	3.7	5.0	2.6	2.1	2.3	5.4	8.9	4.8	2.5	2.1	4.2	2.0	5.7	7.8	7.2	41.1	0
8	8	2	0	1	1	0	6.2	3.3	3.9	4.8	4.6	3.6	5.1	6.9	5.4	4.8	4.3	6.3	3.7	6.3	5.8	7.7	56.1	0
9	9	2	1	1	1	0	5.8	3.6	5.1	6.7	3.7	5.9	5.8	9.3	5.9	4.4	4.4	6.1	4.6	7.0	7.5	8.2	56.1	1
10	10	1	0	1	1	0	6.4	4.5	5.1	6.1	4.7	5.7	5.7	8.4	5.4	5.3	4.1	5.8	4.4	5.5	5.9	6.7	59.1	0
11	11	3	0	1	0	1	8.7	3.2	4.6	4.8	2.7	6.8	4.6	6.8	5.8	7.5	3.8	3.7	4.0	7.4	7.0	8.4	68.1	0
12	12	1	0	1	1	0	6.1	4.9	6.3	3.9	4.4	3.9	6.4	8.2	5.8	5.9	3.0	4.9	3.2	6.0	6.3	6.6	53.1	0
13	13	1	1	0	0	1	9.5	5.6	4.6	6.9	5.0	6.9	6.6	7.6	6.5	5.3	5.1	4.5	4.4	8.4	8.4	7.9	58.1	1
14	14	3	1	0	0	1	9.2	3.9	5.7	5.5	2.4	8.4	4.8	7.1	6.7	3.0	4.5	2.6	4.2	7.6	6.9	8.2	72.1	1
15	15	2	0	1	1	1	6.3	4.5	4.7	6.9	4.5	6.8	5.9	8.8	6.0	5.4	4.8	6.2	5.2	8.0	7.0	7.6	62.1	1
16	16	3	0	0	0	0	8.7	3.2	4.0	6.8	3.2	7.8	3.8	4.9	6.1	5.0	4.3	3.9	4.5	6.6	6.4	7.1	71.1	0
17	17	2	1	0	1	1	5.7	4.0	6.7	6.0	3.3	5.5	5.1	6.2	6.7	5.4	4.2	6.2	4.5	6.4	7.5	7.2	50.1	1
18	18	2	0	1	1	0	5.9	4.1	5.5	7.2	3.5	6.4	5.5	8.4	6.2	6.3	5.7	5.8	4.8	7.4	6.9	8.2	58.1	1
19	19	2	1	1	1	0	5.6	3.4	5.1	6.4	3.7	5.7	5.6	9.1	5.4	6.1	5.0	6.0	4.5	6.8	7.5	7.9	55.1	0
20	20	3	0	1	1	0	9.1	4.5	3.6	6.4	5.3	5.3	7.1	8.4	5.8	6.7	4.5	6.1	4.4	7.6	8.5	8.8	67.1	1
21	21	1	0	0	1	0	5.2	3.8	7.1	5.2	3.9	4.3	5.0	8.4	7.1	4.6	3.3	4.9	3.3	5.4	5.5	7.0	50.1	0
22	22	3	1	1	1	1	9.6	5.7	6.8	5.9	5.4	8.3	7.8	4.5	6.4	6.5	4.3	3.0	4.3	9.9	9.6	9.9	70.1	1
23	23	2	0	0	0	1	8.6	3.6	7.4	5.1	3.5	7.3	4.7	3.7	6.7	6.0	4.8	3.4	4.0	7.0	7.1	8.1	60.1	0
24	24	3	0	1	1	1	9.3	2.4	2.6	7.2	2.2	7.2	4.5	6.2	6.4	4.2	6.7	4.4	4.5	8.6	8.1	8.0	65.1	1
25	25	1	0	0	1	0	6.0	4.1	5.3	4.7	3.5	5.3	5.3	8.0	6.5	3.9	4.7	5.3	4.0	4.8	4.9	5.5	55.1	0
26	26	2	0	1	1	0	6.4	3.6	6.6	6.1	4.0	3.9	5.3	7.1	6.1	3.7	5.6	6.6	3.9	6.6	6.8	7.0	58.1	0
27	27	3	0	0	0	0	8.5	3.0	7.2	5.8	4.1	7.6	3.7	4.8	6.9	6.7	5.3	3.8	4.4	6.3	7.1	7.0	70.1	0
28	28	1	1	0	1	0	7.0	3.3	5.4	5.5	2.6	4.8	4.2	9.0	6.5	5.9	4.3	5.2	3.7	5.4	5.5	5.6	55.1	0
29	29	3	0	0	0	0	8.5	3.0	5.7	6.0	2.3	7.6	3.7	4.8	5.8	6.0	5.7	3.8	4.4	6.3	6.9	7.2	70.1	0
30	30	1	1	1	1	0	7.6	3.6	3.0	4.0	5.1	4.2	4.6	7.7	4.9	7.2	4.7	5.5	3.5	5.4	5.5	6.2	52.1	0
31	31	1	1	0	0	1	6.9	3.4	8.5	4.3	4.5	6.4	4.7	5.2	7.7	3.3	3.7	2.7	3.3	6.1	6.8	7.1	44.1	0
32	32	1	0	1	1	0	8.1	2.5	7.2	4.5	2.3	5.1	3.8	6.6	6.8	6.1	3.0	3.5	3.0	6.4	5.8	6.2	51.1	0
33	33	1	1	1	1	0	6.7	3.7	6.5	5.3	5.3	5.1	4.9	9.2	5.7	4.2	3.5	4.5	3.4	5.4	6.5	7.6	44.1	0
34	34	2	1	1	1	0	8.0	3.3	6.1	5.7	5.5	4.6	4.7	8.7	5.9	3.8	4.7	6.6	4.2	7.3	7.5	9.0	62.1	1
35	35	1	0	1	1	0	6.7	4.0	5.2	3.9	3.0	5.4	6.8	8.4	6.2	6.0	2.5	4.3	3.5	6.3	6.6	6.7	54.1	0
36	36	1	0	0	0	0	8.7	3.2	6.1	4.3	3.5	6.1	2.9	5.6	6.1	6.5	3.1	2.9	2.5	5.4	4.6	7.1	51.1	0
37	37	2	0	0	0	1	9.0	3.4	5.9	4.6	3.9	6.0	4.5	6.8	6.4	4.3	3.9	3.5	3.5	7.1	8.0	7.2	57.1	0
38	38	3	0	1	1	1	9.6	4.1	6.2	7.3	2.9	7.7	5.5	7.7	6.1	4.4	5.2	4.6	4.9	8.7	9.9	9.9	77.1	1

Obs	ID	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20	X21	X22	X23
39	39	2	1	1	1	0	8.2	3.6	3.9	6.2	5.8	4.9	5.0	9.0	5.2	7.1	4.7	6.9	4.5	7.6	6.9	7.6	65.1	1
40	40	1	0	0	1	0	6.1	4.9	3.0	4.8	5.1	3.9	6.4	8.2	5.1	6.8	4.5	4.9	3.2	6.0	5.5	5.8	53.1	0
41	41	2	1	1	1	0	8.3	3.4	3.3	5.5	3.1	4.6	5.2	9.1	4.1	1.7	4.6	5.8	3.9	7.0	7.5	8.4	61.1	1
42	42	2	1	0	0	1	9.4	3.8	4.7	5.4	3.8	6.5	4.9	8.5	4.9	6.2	4.1	4.5	4.1	7.6	8.0	7.9	61.1	1
43	43	3	0	1	0	1	9.3	5.1	4.6	6.8	5.8	6.6	6.3	7.4	5.1	4.1	4.6	4.6	4.3	8.9	7.8	7.6	72.1	1
44	44	2	1	1	1	1	5.1	5.1	6.6	6.9	4.4	5.4	7.8	5.9	7.2	5.2	4.9	6.3	4.5	7.6	7.9	8.4	55.1	1
45	45	3	1	0	0	0	8.0	2.5	4.7	7.1	3.6	7.7	3.0	5.2	5.1	3.9	4.3	4.2	4.7	5.5	5.6	6.5	65.1	0
46	46	2	0	1	1	0	5.9	4.1	5.7	5.9	5.8	6.4	5.5	8.4	6.4	5.1	5.2	5.8	4.8	7.4	8.6	7.7	58.1	1
47	47	3	1	0	0	1	10.0	4.3	7.1	6.3	2.9	5.4	4.5	3.8	6.7	3.7	5.0	4.0	3.5	7.1	8.8	8.0	67.1	1
48	48	2	1	1	1	0	5.7	3.8	6.8	7.5	5.7	5.7	6.0	8.2	6.6	4.8	6.5	7.3	5.2	7.6	7.6	7.1	60.1	0
49	49	3	0	0	1	1	9.9	3.7	3.7	6.1	4.2	7.0	6.7	6.8	5.9	7.2	4.5	3.4	3.9	8.7	8.1	8.5	67.1	1
50	50	3	1	1	0	1	7.9	3.9	4.3	5.8	4.4	6.9	5.8	4.7	5.2	3.6	4.1	4.2	4.3	8.6	7.8	7.6	61.1	1
51	51	1	0	1	1	0	6.7	3.6	5.9	4.2	3.4	4.7	4.8	7.2	5.7	5.3	4.0	3.6	2.8	5.4	7.5	7.2	48.1	0
52	52	3	1	0	0	0	8.2	2.7	3.7	7.4	2.7	7.9	3.1	5.3	5.3	5.0	4.5	4.3	4.9	5.7	7.1	8.2	67.1	1
53	53	3	0	1	1	1	9.4	2.5	4.8	6.1	3.2	7.3	4.6	6.3	6.3	9.2	4.7	4.6	4.6	8.7	9.0	9.0	66.1	1
54	54	1	1	0	0	1	6.9	3.4	5.7	4.4	3.3	6.4	4.7	5.2	6.4	4.4	3.2	2.7	3.3	6.1	7.0	7.2	44.1	0
55	55	2	1	1	1	0	8.0	3.3	3.8	5.8	3.2	4.6	4.7	8.7	5.3	4.2	4.9	6.6	4.2	7.3	8.1	8.1	62.1	1
56	56	3	1	0	0	0	9.3	3.8	7.3	5.7	3.7	6.4	5.5	7.4	6.6	5.9	4.1	3.2	3.4	7.7	7.6	8.9	59.1	1
57	57	2	0	1	1	1	7.4	5.1	4.8	7.7	4.5	7.2	6.9	9.6	6.4	7.4	5.7	6.5	5.5	9.0	7.9	8.8	74.1	1
58	58	3	1	0	0	0	7.6	3.6	5.2	5.8	5.6	6.6	5.4	4.4	6.7	6.4	4.6	3.9	4.0	8.2	7.5	7.5	58.1	1
59	59	3	1	0	0	0	10.0	4.3	5.3	3.7	4.2	5.4	4.5	3.8	6.7	4.5	3.7	4.0	3.5	7.1	6.5	7.0	67.1	0
60	60	3	1	1	1	0	9.9	2.8	7.2	6.9	2.6	5.8	3.5	5.4	6.2	7.0	5.6	4.9	4.0	7.9	8.5	8.5	61.1	1
61	61	3	0	0	0	0	8.7	3.2	8.4	6.1	2.8	7.8	3.8	4.9	7.2	4.5	5.4	3.9	4.5	6.6	6.9	7.2	71.1	1
62	62	2	0	1	1	1	8.4	3.8	6.7	5.0	4.5	4.7	5.9	6.7	5.1	4.2	2.7	5.0	3.6	8.0	7.6	8.8	63.1	1
63	63	1	0	0	0	1	8.8	3.9	3.8	5.1	4.3	4.7	4.8	5.8	5.0	7.2	4.4	3.7	2.9	6.3	5.5	8.0	44.1	0
64	64	1	0	1	1	0	7.7	2.2	6.3	4.5	2.4	4.7	3.4	6.2	6.0	4.7	3.3	3.1	2.6	6.0	6.0	8.1	47.1	0
65	65	1	0	1	1	0	6.6	3.6	5.8	4.1	4.9	4.7	4.8	7.2	6.5	3.9	3.5	3.6	2.8	5.4	6.9	7.1	48.1	0
66	66	2	1	1	1	0	5.7	3.8	3.5	6.7	5.4	5.7	6.0	8.2	5.4	5.0	4.7	7.3	5.2	7.6	6.9	9.0	60.1	1
67	67	2	1	0	1	0	5.7	4.0	7.9	6.4	2.7	5.5	5.1	6.2	7.5	6.4	5.0	6.2	4.5	6.4	5.6	6.2	50.1	0
68	68	2	1	0	1	1	5.5	3.7	4.7	5.4	4.3	5.3	4.9	6.0	5.6	2.5	4.5	5.9	4.3	6.1	6.3	8.2	48.1	0
69	69	1	1	1	1	0	7.5	3.5	3.8	3.5	2.9	4.1	4.5	7.6	5.1	5.2	4.0	5.4	3.4	5.2	5.8	5.8	51.1	0
70	70	2	0	1	1	0	6.4	3.6	2.7	5.3	3.9	3.9	5.3	7.1	5.2	5.5	4.7	6.6	3.9	6.6	6.6	8.0	58.1	1
71	71	3	0	0	1	0	9.1	4.5	6.1	5.9	6.3	5.3	7.1	8.4	7.1	5.7	5.4	6.1	4.4	7.6	7.5	7.7	67.1	0
72	72	1	1	0	0	1	6.7	3.2	3.0	3.7	4.8	6.3	4.5	5.0	5.2	2.5	2.9	2.6	3.1	5.8	6.0	7.0	43.1	0
73	73	2	0	1	1	0	6.5	4.3	2.7	6.6	6.5	6.3	6.0	8.7	4.7	6.3	4.6	5.6	4.6	7.9	6.6	7.9	66.1	0
74	74	3	0	1	1	1	9.9	3.7	7.5	4.7	5.6	7.0	6.7	6.8	7.2	4.6	4.1	3.4	3.9	8.6	8.8	9.8	66.1	1
75	75	2	0	1	1	1	8.5	3.9	5.3	5.5	5.0	4.9	6.0	6.8	5.7	3.6	4.4	5.1	3.7	8.2	7.0	8.4	65.1	1
76	76	3	0	0	0	0	9.9	3.0	6.8	5.0	5.4	5.9	4.8	4.9	7.3	7.6	3.1	4.3	3.8	7.1	6.6	8.9	63.1	1

Obs	ID	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20	X21	X22	X23
77	77	1	0	0	1	1	7.6	3.6	7.6	4.6	4.7	4.6	5.0	7.4	8.1	6.6	4.5	5.8	3.9	6.4	6.9	7.5	49.1	0
78	78	2	1	0	0	1	9.4	3.8	7.0	6.2	4.7	6.5	4.9	8.5	7.3	2.4	4.3	4.5	4.1	7.6	7.3	8.0	61.1	1
79	79	3	0	0	0	1	9.3	3.5	6.3	7.6	5.5	7.5	5.9	4.6	6.6	3.1	5.2	4.1	4.6	8.9	7.3	8.1	72.1	1
80	80	1	1	1	1	0	7.1	3.4	4.9	4.1	4.0	5.0	5.9	7.8	6.1	3.5	2.6	3.1	2.7	5.7	5.8	7.6	44.1	0
81	81	3	0	1	0	0	9.9	3.0	7.4	4.8	4.0	5.9	4.8	4.9	5.9	6.9	3.2	4.3	3.8	7.1	7.9	8.8	63.1	0
82	82	3	0	0	0	0	8.7	3.2	6.4	4.9	2.4	6.8	4.6	6.8	6.3	5.1	4.3	3.7	4.0	7.4	7.3	8.0	68.1	1
83	83	2	0	0	0	1	8.6	2.9	5.8	3.9	2.9	5.6	4.0	6.3	6.1	4.0	2.7	3.0	3.0	6.6	6.1	8.5	53.1	0
84	84	1	1	0	1	0	6.4	3.2	6.7	3.6	2.2	2.9	5.0	8.4	7.3	6.5	2.0	3.7	1.6	5.0	5.1	6.5	37.1	0
85	85	2	0	0	0	1	7.7	2.6	6.7	6.6	1.9	7.2	4.3	5.9	6.5	4.1	4.7	3.9	4.3	8.2	7.5	7.7	52.1	1
86	86	1	1	1	1	0	7.5	3.5	4.1	4.5	3.5	4.1	4.5	7.6	4.9	2.8	3.4	5.4	3.4	5.2	6.0	7.2	51.1	0
87	87	1	0	0	1	0	5.0	3.6	1.3	3.0	3.5	4.2	4.9	8.2	4.3	7.6	2.4	4.8	3.1	5.2	5.5	6.0	48.1	0
88	88	2	0	0	0	1	7.7	2.6	8.0	6.7	3.5	7.2	4.3	5.9	6.9	7.7	5.1	3.9	4.3	8.2	7.6	8.2	52.1	0
89	89	2	1	0	0	1	9.1	3.6	5.5	5.4	4.2	6.2	4.6	8.3	6.5	4.1	4.6	4.3	3.9	7.3	6.5	7.4	59.1	0
90	90	2	1	0	1	1	5.5	5.5	7.7	7.0	5.6	5.7	8.2	6.3	7.4	4.9	5.5	6.7	4.9	8.2	7.6	9.3	59.1	1
91	91	3	1	0	0	0	9.1	3.7	7.0	4.1	4.4	6.3	5.4	7.3	7.5	4.6	4.4	3.0	3.3	7.4	7.9	7.9	58.1	1
92	92	1	1	0	1	0	7.1	4.2	4.1	2.6	2.1	3.3	4.5	9.9	5.5	3.5	2.0	4.0	2.4	4.8	5.0	6.5	51.1	0
93	93	3	1	1	0	1	9.2	3.9	4.6	5.3	4.2	8.4	4.8	7.1	6.2	6.6	4.4	2.6	4.2	7.6	7.5	8.6	72.1	0
94	94	3	0	1	1	1	9.3	3.5	5.4	7.8	4.6	7.5	5.9	4.6	6.4	4.9	4.8	4.1	4.6	8.9	7.6	8.9	72.1	1
95	95	3	1	1	0	0	9.3	3.8	4.0	4.6	4.7	6.4	5.5	7.4	5.3	4.8	3.6	3.2	3.4	7.7	7.3	8.4	59.1	1
96	96	1	1	0	0	1	8.6	4.8	5.6	5.3	2.3	6.0	5.7	6.7	5.8	3.6	4.9	3.6	3.6	7.3	8.1	8.1	50.1	1
97	97	1	0	0	1	1	7.4	3.4	2.6	5.0	4.1	4.4	4.8	7.2	4.5	6.4	4.2	5.6	3.7	6.3	5.5	7.2	48.1	0
98	98	1	0	0	0	1	8.7	3.2	3.3	3.2	3.1	6.1	2.9	5.6	5.0	4.3	3.1	2.9	2.5	5.4	7.0	7.7	51.1	0
99	99	2	1	0	1	1	7.8	4.9	5.8	5.3	5.2	5.3	7.1	7.9	6.0	5.7	4.3	4.9	3.9	6.4	7.1	7.4	61.1	0
100	100	2	1	1	1	0	7.9	3.0	4.4	5.1	5.9	4.2	4.8	9.7	5.7	5.8	3.4	5.4	3.5	6.4	7.3	7.0	57.1	0

The UNIVARIATE Procedure
Variable: X19 (X19 - Satisfaction)

Moments			
N	100	**Sum Weights**	100
Mean	6.918	**Sum Observations**	691.8
Std Deviation	1.19183925	**Variance**	1.42048081
Skewness	0.0781812	**Kurtosis**	-0.7913045
Uncorrected SS	4926.5	**Corrected SS**	140.6276
Coeff Variation	17.2280898	**Std Error Mean**	0.11918393

Basic Statistical Measures			
Location		**Variability**	
Mean	6.918000	**Std Deviation**	1.19184
Median	7.050000	**Variance**	1.42048
Mode	7.600000	**Range**	5.20000
		Interquartile Range	1.65000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	58.04474	**Pr > |t|**	<.0001
Sign	**M**	50	**Pr >= |M|**	<.0001
Signed Rank	**S**	2525	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	**W**	0.975162	**Pr < W**	0.0556
Kolmogorov-Smirnov	**D**	0.078082	**Pr > D**	0.1367
Cramer-von Mises	**W-Sq**	0.109171	**Pr > W-Sq**	0.0870
Anderson-Darling	**A-Sq**	0.714966	**Pr > A-Sq**	0.0630

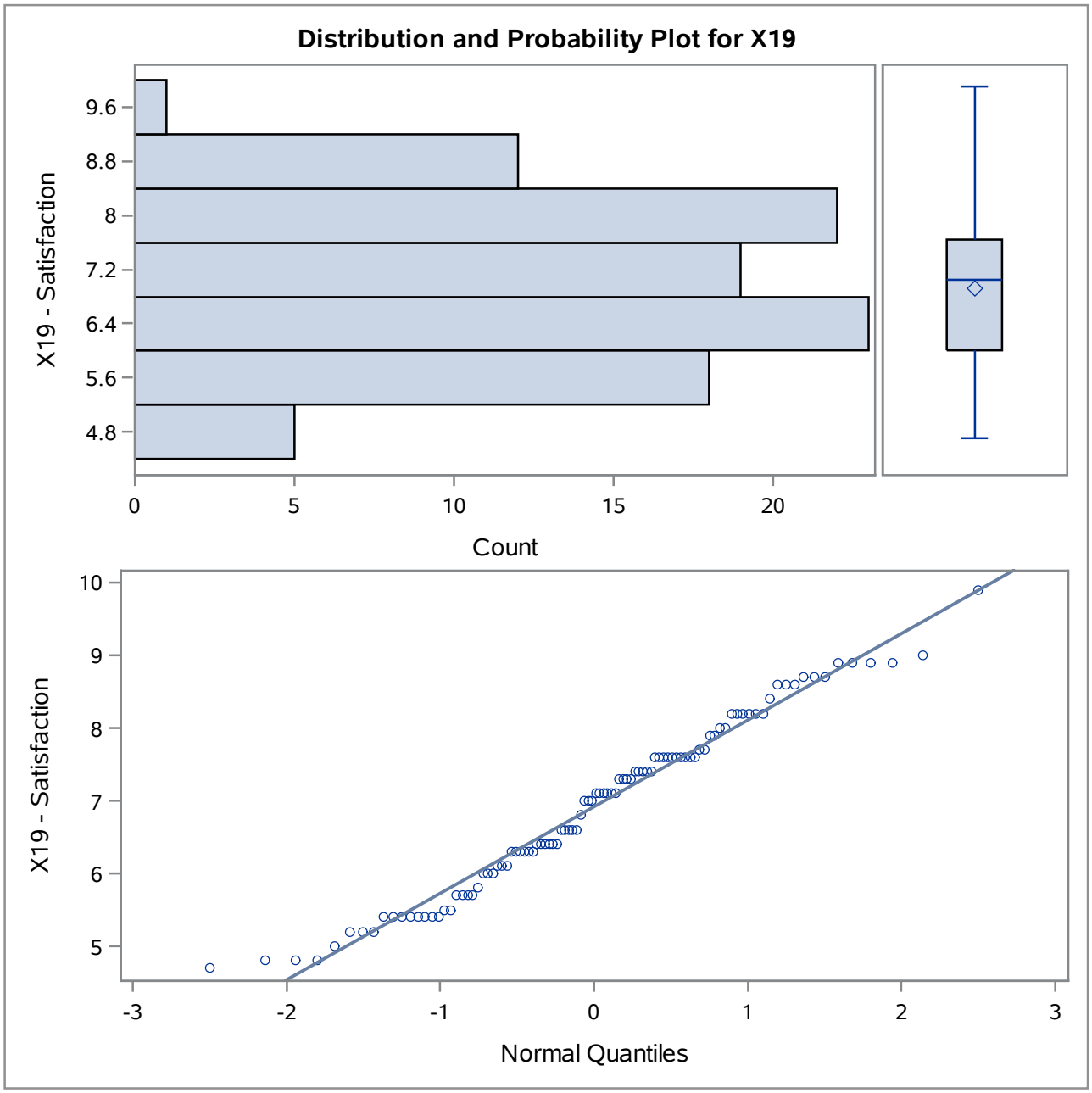
Quantiles (Definition 5)	
Level	**Quantile**
100% Max	9.90
99%	9.45
95%	8.90
90%	8.60
75% Q3	7.65
50% Median	7.05
25% Q1	6.00

The UNIVARIATE Procedure
Variable: X19 (X19 - Satisfaction)

Quantiles (Definition 5)	
Level	**Quantile**
10%	5.40
5%	5.10
1%	4.75
0% Min	4.70

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
4.7	6	8.9	43
4.8	92	8.9	79
4.8	25	8.9	94
4.8	4	9.0	57
5.0	84	9.9	22

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: X20 (X20 - Likelihood of Recommendation)

Moments			
N	100	**Sum Weights**	100
Mean	7.02	**Sum Observations**	702
Std Deviation	1.04330477	**Variance**	1.08848485
Skewness	0.04392529	**Kurtosis**	-0.0883467
Uncorrected SS	5035.8	**Corrected SS**	107.76
Coeff Variation	14.8618913	**Std Error Mean**	0.10433048

Basic Statistical Measures			
Location		**Variability**	
Mean	7.020000	**Std Deviation**	1.04330
Median	7.000000	**Variance**	1.08848
Mode	7.500000	**Range**	5.30000
		Interquartile Range	1.30000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	67.28619	**Pr > |t|**	<.0001
Sign	**M**	50	**Pr >= |M|**	<.0001
Signed Rank	**S**	2525	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	**W**	0.988054	**Pr < W**	0.5122
Kolmogorov-Smirnov	**D**	0.077269	**Pr > D**	0.1460
Cramer-von Mises	**W-Sq**	0.073672	**Pr > W-Sq**	0.2498
Anderson-Darling	**A-Sq**	0.452245	**Pr > A-Sq**	>0.2500

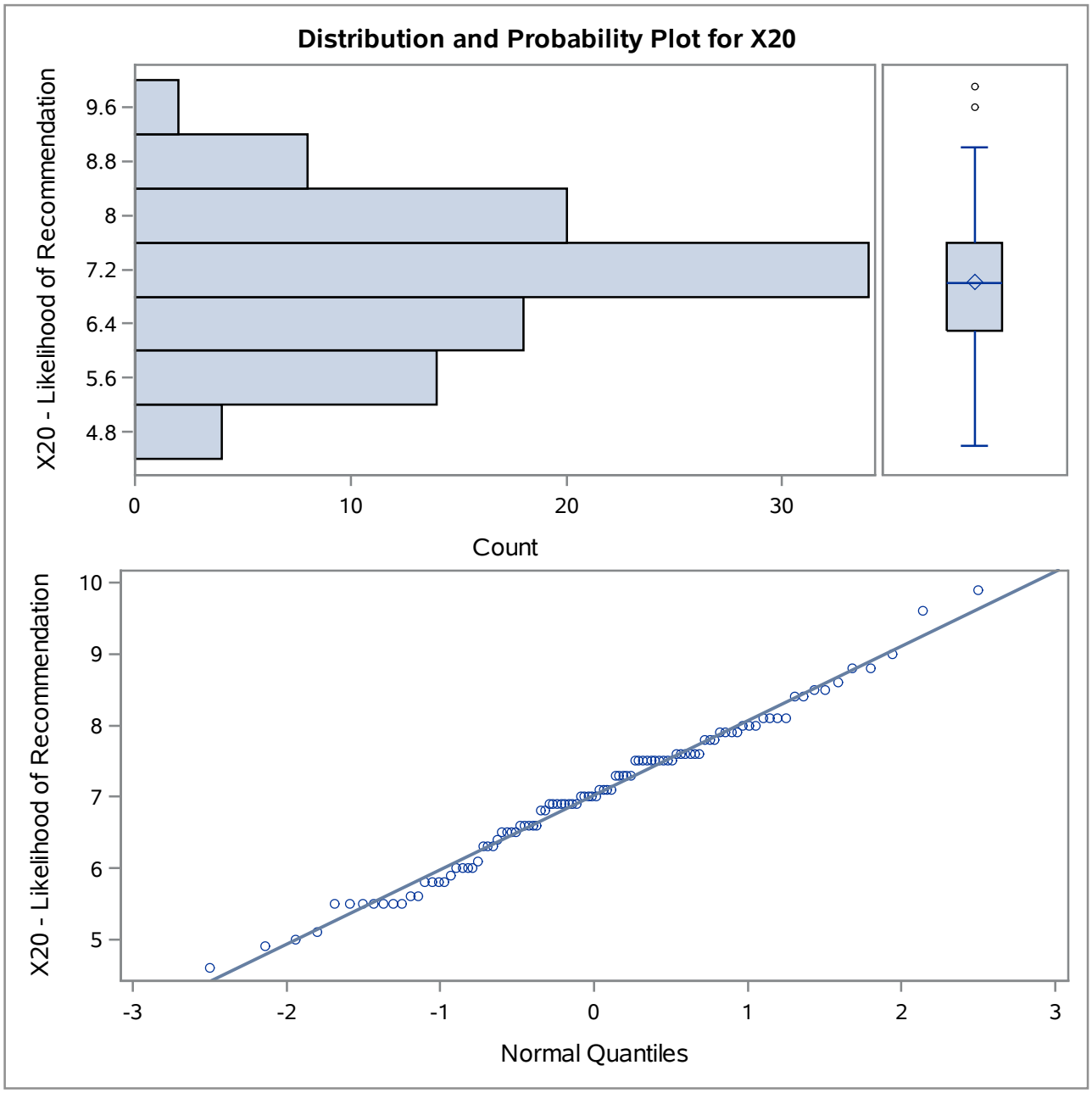
Quantiles (Definition 5)	
Level	**Quantile**
100% Max	9.90
99%	9.75
95%	8.70
90%	8.25
75% Q3	7.60
50% Median	7.00
25% Q1	6.30

The UNIVARIATE Procedure
Variable: X20 (X20 - Likelihood of Recommendation)

Quantiles (Definition 5)	
Level	**Quantile**
10%	5.50
5%	5.50
1%	4.75
0% Min	4.60

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
4.6	36	8.8	47
4.9	25	8.8	74
5.0	92	9.0	53
5.1	84	9.6	22
5.5	97	9.9	38

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: X19 (X19 - Satisfaction)

X5 - Distribution System=0

Moments			
N	57	**Sum Weights**	57
Mean	6.38245614	**Sum Observations**	363.8
Std Deviation	0.98545182	**Variance**	0.97111529
Skewness	0.00654683	**Kurtosis**	-1.2628095
Uncorrected SS	2376.32	**Corrected SS**	54.3824561
Coeff Variation	15.4400093	**Std Error Mean**	0.13052628

Basic Statistical Measures			
Location		**Variability**	
Mean	6.382456	**Std Deviation**	0.98545
Median	6.400000	**Variance**	0.97112
Mode	5.400000	**Range**	3.50000
		Interquartile Range	1.90000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	48.89786	**Pr > |t|**	<.0001
Sign	**M**	28.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	826.5	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	**W**	0.944705	**Pr < W**	0.0114
Kolmogorov-Smirnov	**D**	0.124119	**Pr > D**	0.0272
Cramer-von Mises	**W-Sq**	0.16214	**Pr > W-Sq**	0.0172
Anderson-Darling	**A-Sq**	1.054157	**Pr > A-Sq**	0.0086

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	8.2
99%	8.2
95%	7.9
90%	7.6
75% Q3	7.3
50% Median	6.4

The UNIVARIATE Procedure
Variable: X19 (X19 - Satisfaction)

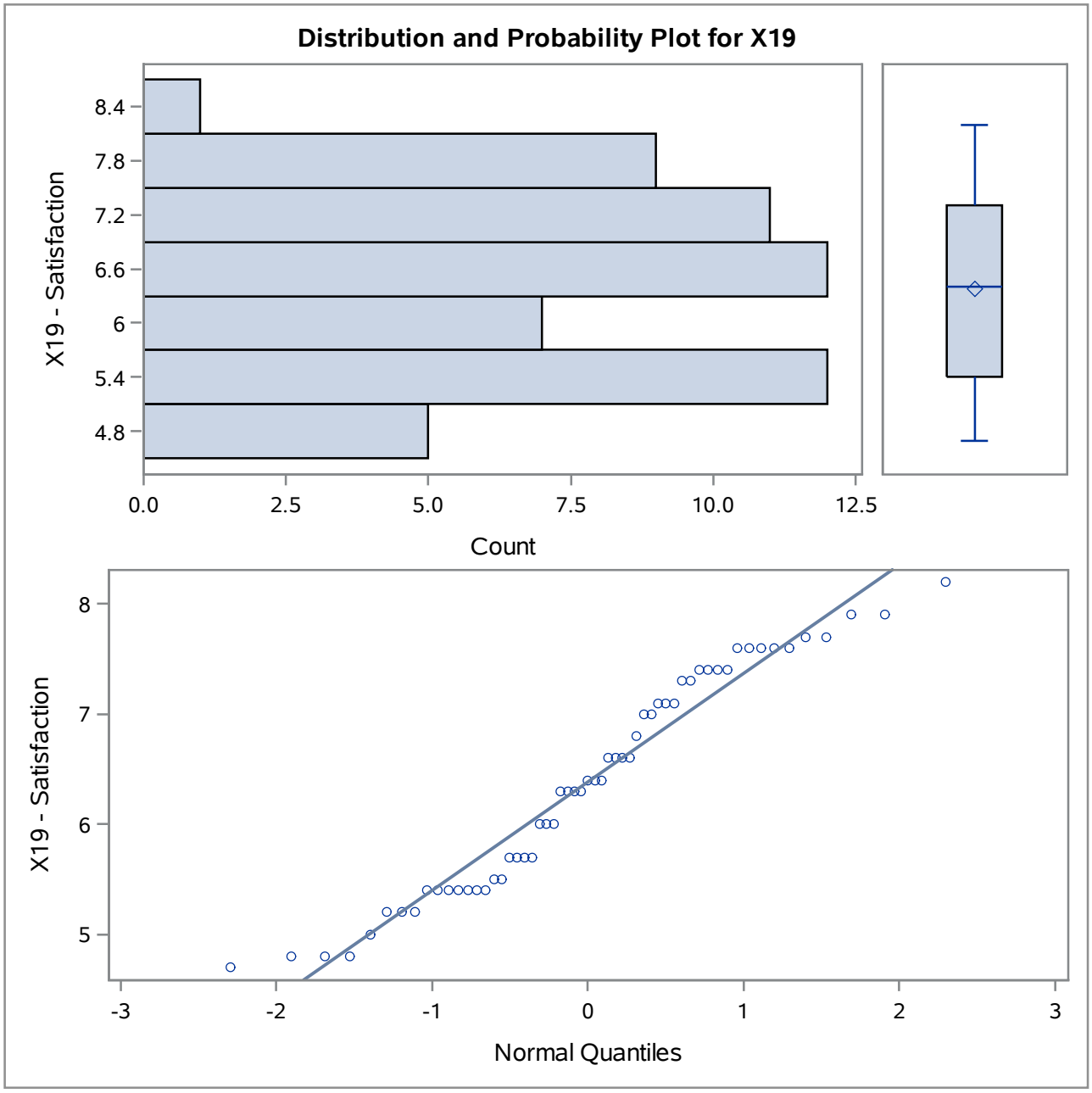
X5 - Distribution System=0

Quantiles (Definition 5)	
Level	**Quantile**
25% Q1	5.4
10%	5.2
5%	4.8
1%	4.7
0% Min	4.7

Extreme Observations					
Lowest			**Highest**		
Value	**X5**	**Obs**	**Value**	**X5**	**Obs**
4.7	0	3	7.7	0	34
4.8	0	55	7.7	0	56
4.8	0	14	7.9	0	37
4.8	0	2	7.9	0	46
5.0	0	51	8.2	0	35

The UNIVARIATE Procedure

X5 - Distribution System=0



The UNIVARIATE Procedure
Variable: X19 (X19 - Satisfaction)

X5 - Distribution System=1

Moments			
N	43	**Sum Weights**	43
Mean	7.62790698	**Sum Observations**	328
Std Deviation	1.07156441	**Variance**	1.14825028
Skewness	-0.1920377	**Kurtosis**	-0.8318361
Uncorrected SS	2550.18	**Corrected SS**	48.2265116
Coeff Variation	14.047948	**Std Error Mean**	0.16341204

Basic Statistical Measures			
Location		**Variability**	
Mean	7.627907	**Std Deviation**	1.07156
Median	7.600000	**Variance**	1.14825
Mode	7.600000	**Range**	4.50000
		Interquartile Range	2.00000

Note: The mode displayed is the smallest of 2 modes with a count of 5.

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	46.67898	**Pr > |t|**	<.0001
Sign	**M**	21.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	473	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	**W**	0.961101	**Pr < W**	0.1521
Kolmogorov-Smirnov	**D**	0.121894	**Pr > D**	0.1058
Cramer-von Mises	**W-Sq**	0.100658	**Pr > W-Sq**	0.1084
Anderson-Darling	**A-Sq**	0.662014	**Pr > A-Sq**	0.0821

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	9.9
99%	9.9
95%	8.9
90%	8.9
75% Q3	8.6

The UNIVARIATE Procedure
Variable: X19 (X19 - Satisfaction)

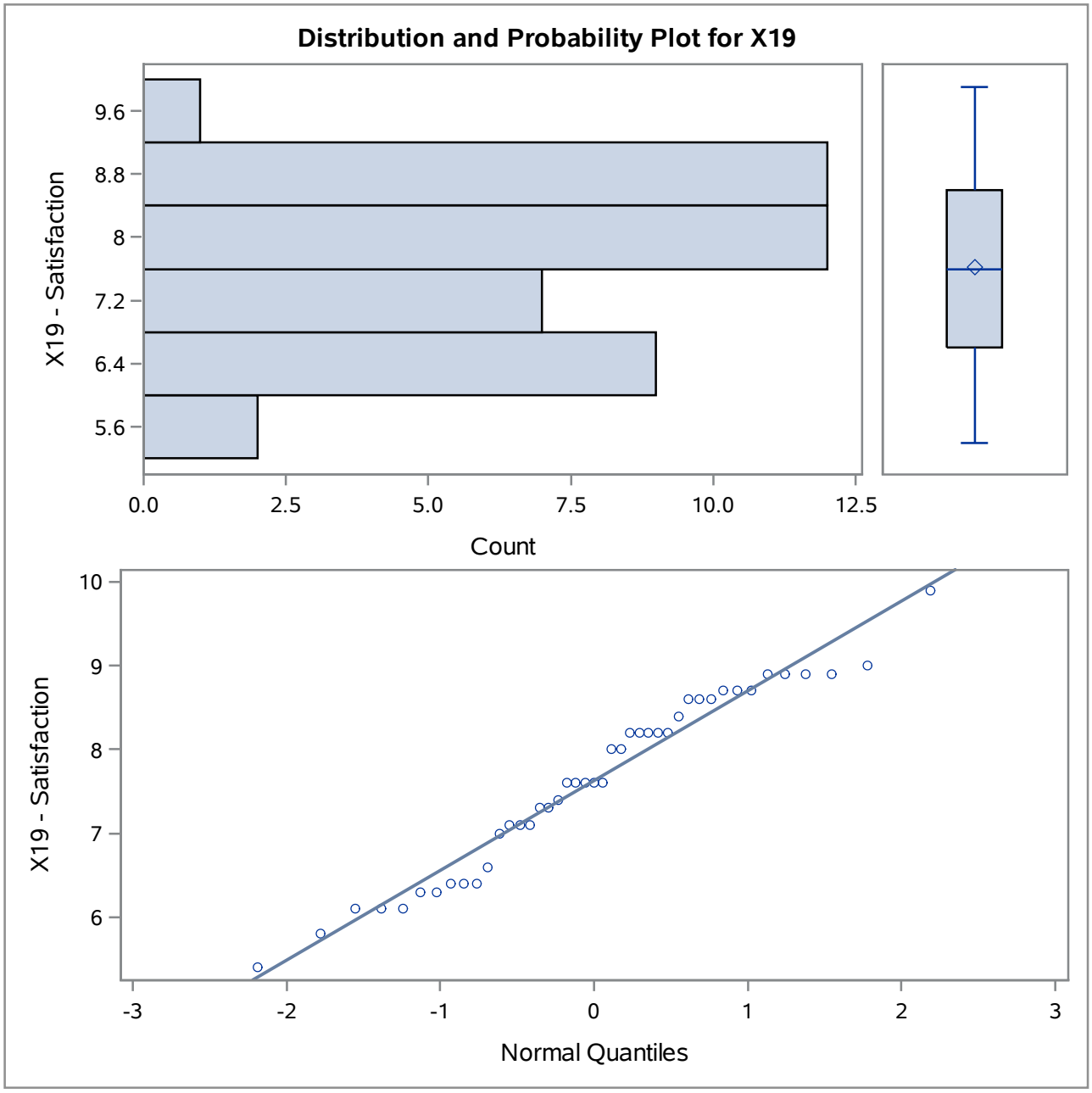
X5 - Distribution System=1

Quantiles (Definition 5)	
Level	**Quantile**
50% Median	7.6
25% Q1	6.6
10%	6.1
5%	6.1
1%	5.4
0% Min	5.4

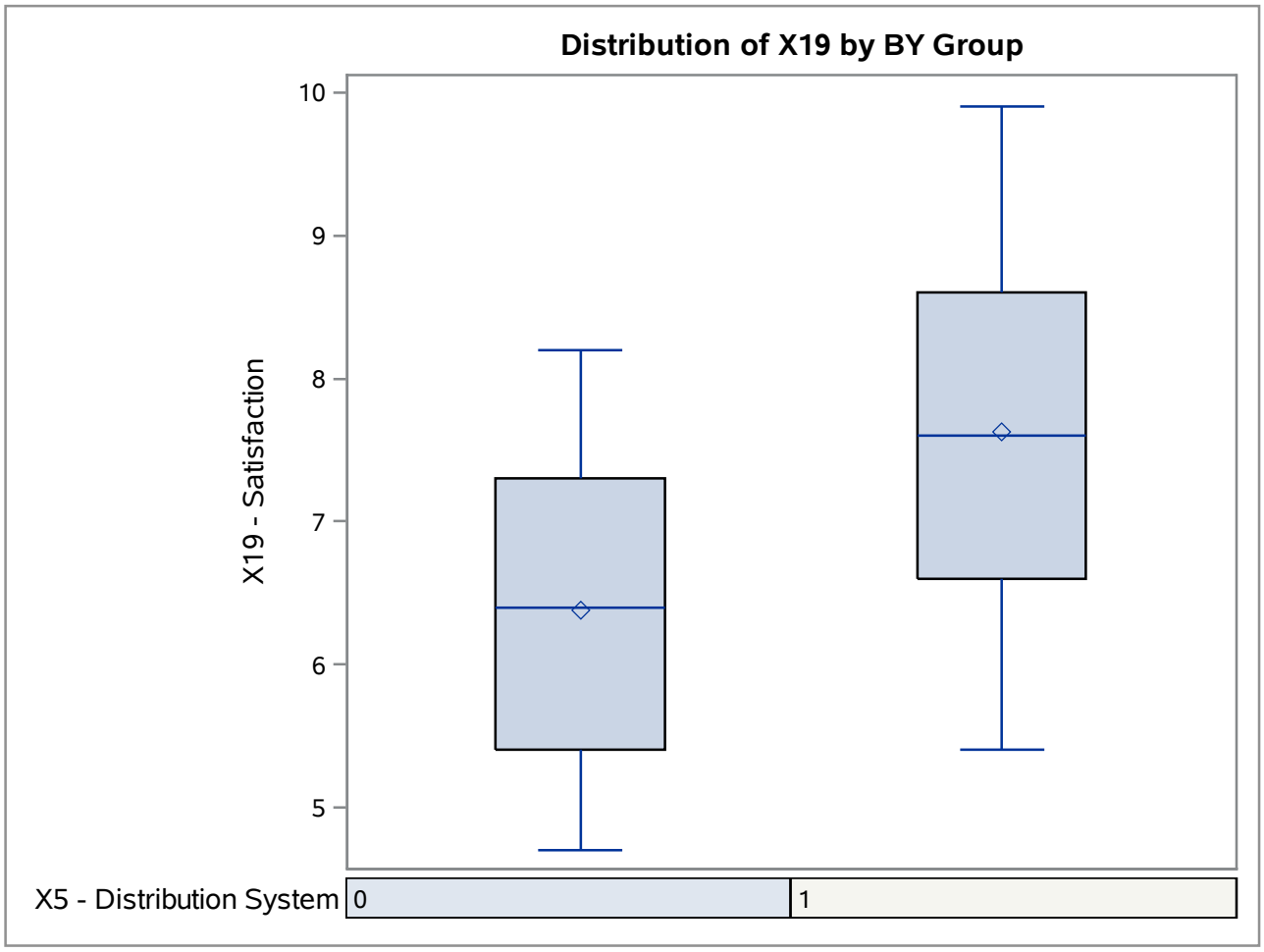
Extreme Observations					
Lowest			**Highest**		
Value	**X5**	**Obs**	**Value**	**X5**	**Obs**
5.4	1	99	8.9	1	73
5.8	1	84	8.9	1	89
6.1	1	83	8.9	1	96
6.1	1	79	9.0	1	80
6.1	1	69	9.9	1	66

The UNIVARIATE Procedure

X5 - Distribution System=1



The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: X20 (X20 - Likelihood of Recommendation)

X5 - Distribution System=0

Moments			
N	57	**Sum Weights**	57
Mean	6.65964912	**Sum Observations**	379.6
Std Deviation	0.9676665	**Variance**	0.93637845
Skewness	-0.0361836	**Kurtosis**	-0.6903364
Uncorrected SS	2580.44	**Corrected SS**	52.437193
Coeff Variation	14.5302925	**Std Error Mean**	0.12817056

Basic Statistical Measures			
Location		**Variability**	
Mean	6.659649	**Std Deviation**	0.96767
Median	6.600000	**Variance**	0.93638
Mode	7.500000	**Range**	4.00000
		Interquartile Range	1.70000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	51.95927	**Pr > |t|**	<.0001
Sign	**M**	28.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	826.5	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	**W**	0.97818	**Pr < W**	0.3903
Kolmogorov-Smirnov	**D**	0.088122	**Pr > D**	>0.1500
Cramer-von Mises	**W-Sq**	0.070271	**Pr > W-Sq**	>0.2500
Anderson-Darling	**A-Sq**	0.431285	**Pr > A-Sq**	>0.2500

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	8.6
99%	8.6
95%	8.5
90%	7.9
75% Q3	7.5
50% Median	6.6

The UNIVARIATE Procedure
Variable: X20 (X20 - Likelihood of Recommendation)

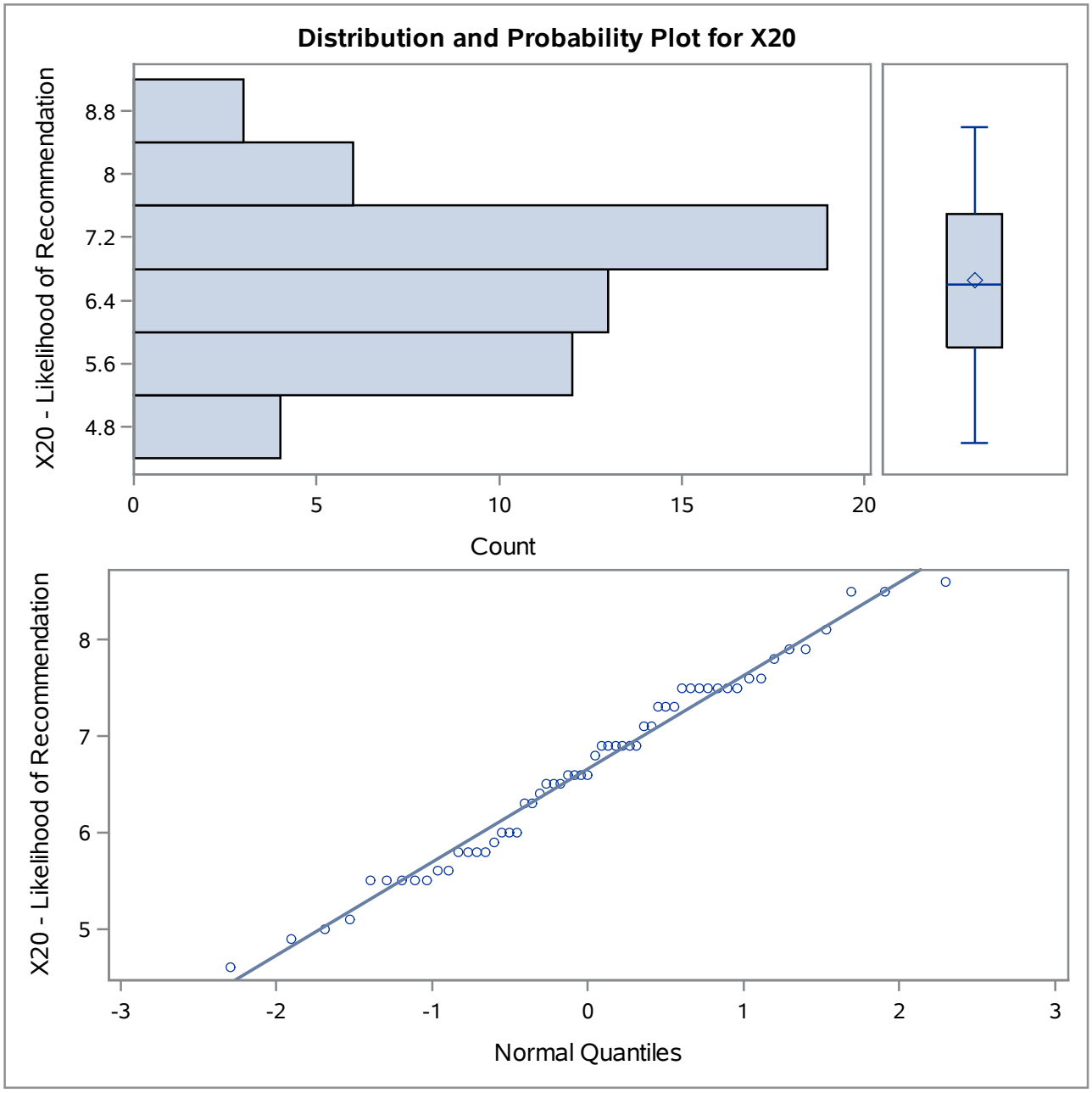
X5 - Distribution System=0

Quantiles (Definition 5)	
Level	**Quantile**
25% Q1	5.8
10%	5.5
5%	5.0
1%	4.6
0% Min	4.6

Extreme Observations					
Lowest			**Highest**		
Value	**X5**	**Obs**	**Value**	**X5**	**Obs**
4.6	0	24	7.9	0	54
4.9	0	14	8.1	0	33
5.0	0	55	8.5	0	12
5.1	0	51	8.5	0	37
5.5	0	53	8.6	0	29

The UNIVARIATE Procedure

X5 - Distribution System=0



The UNIVARIATE Procedure
Variable: X20 (X20 - Likelihood of Recommendation)

X5 - Distribution System=1

Moments			
N	43	**Sum Weights**	43
Mean	7.49767442	**Sum Observations**	322.4
Std Deviation	0.95256255	**Variance**	0.90737542
Skewness	0.19260946	**Kurtosis**	0.47361591
Uncorrected SS	2455.36	**Corrected SS**	38.1097674
Coeff Variation	12.7047735	**Std Error Mean**	0.14526443

Basic Statistical Measures			
Location		**Variability**	
Mean	7.497674	**Std Deviation**	0.95256
Median	7.500000	**Variance**	0.90738
Mode	7.000000	**Range**	4.40000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	51.61397	**Pr > |t|**	<.0001
Sign	**M**	21.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	473	**Pr >= |S|**	<.0001

Tests for Normality				
Test	**Statistic**		**p Value**	
Shapiro-Wilk	**W**	0.980277	**Pr < W**	0.6584
Kolmogorov-Smirnov	**D**	0.100798	**Pr > D**	>0.1500
Cramer-von Mises	**W-Sq**	0.050482	**Pr > W-Sq**	>0.2500
Anderson-Darling	**A-Sq**	0.321261	**Pr > A-Sq**	>0.2500

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	9.9
99%	9.9
95%	9.0
90%	8.8
75% Q3	8.0
50% Median	7.5

The UNIVARIATE Procedure
Variable: X20 (X20 - Likelihood of Recommendation)

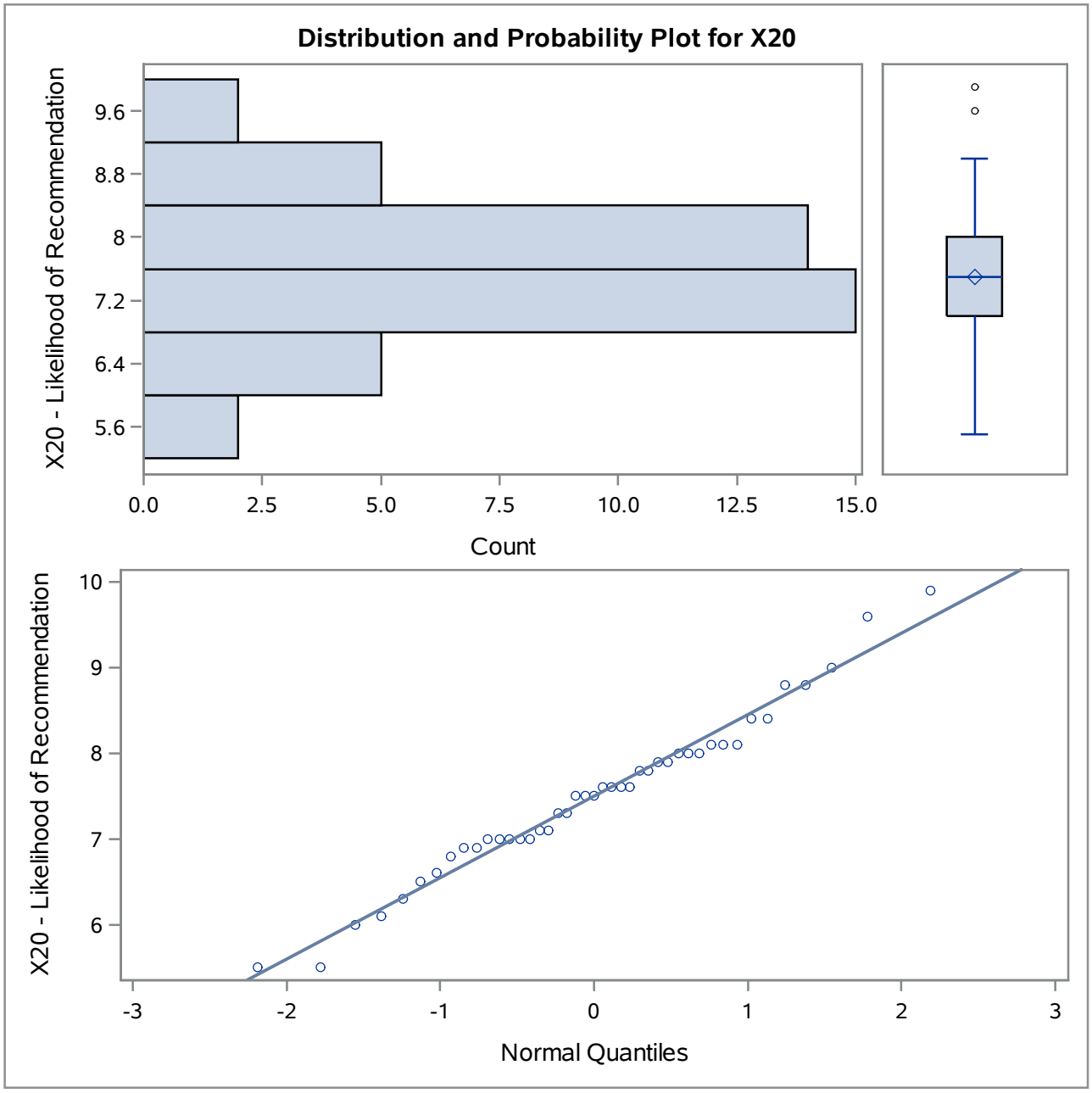
X5 - Distribution System=1

Quantiles (Definition 5)	
Level	**Quantile**
25% Q1	7.0
10%	6.3
5%	6.0
1%	5.5
0% Min	5.5

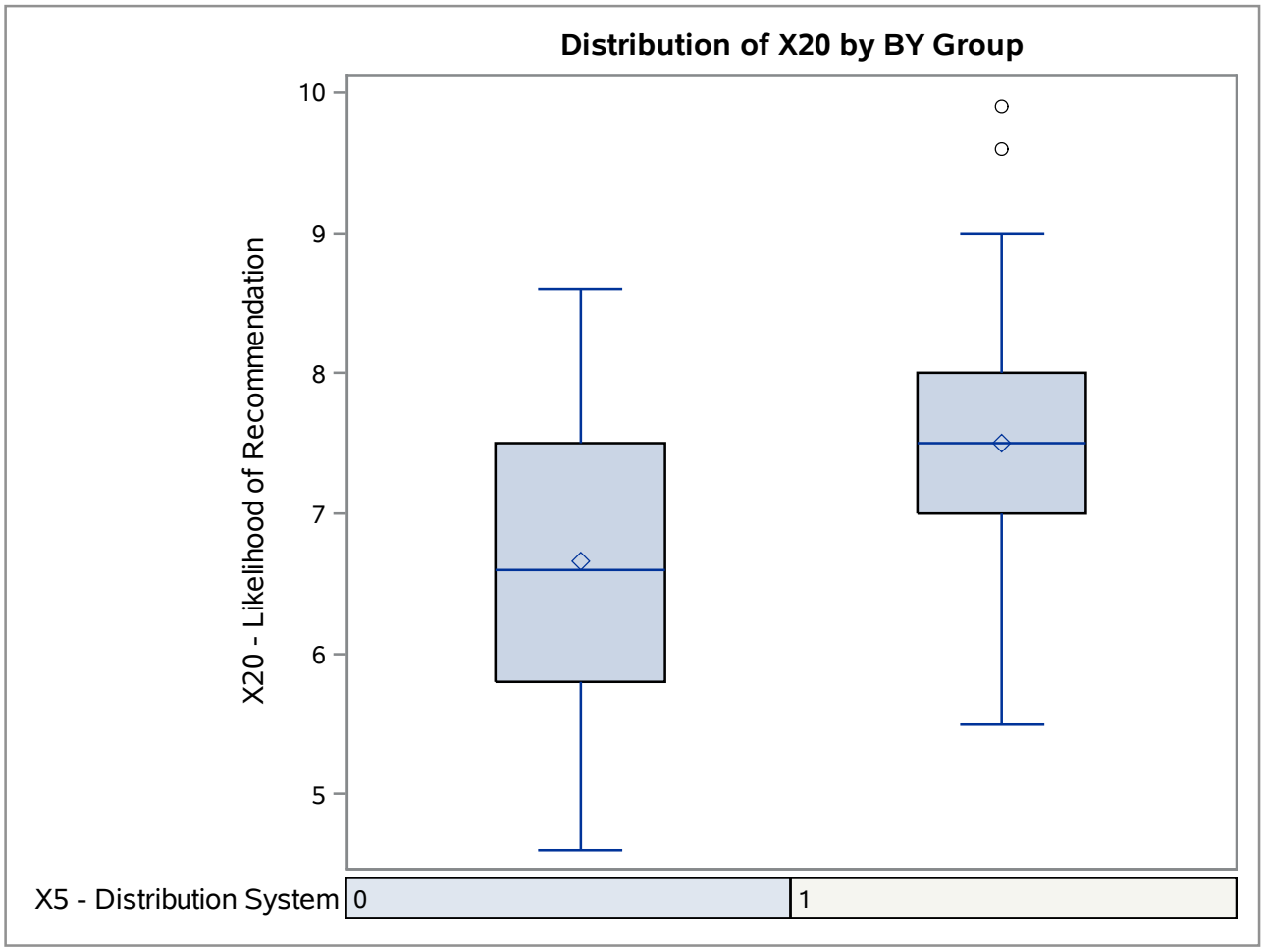
Extreme Observations					
Lowest			**Highest**		
Value	**X5**	**Obs**	**Value**	**X5**	**Obs**
5.5	1	98	8.8	1	75
5.5	1	82	8.8	1	85
6.0	1	84	9.0	1	78
6.1	1	90	9.6	1	66
6.3	1	83	9.9	1	71

The UNIVARIATE Procedure

X5 - Distribution System=1



The UNIVARIATE Procedure



The TTEST Procedure

Variable: X19 (X19 - Satisfaction)

X5	N	Mean	Std Dev	Std Err	Minimum	Maximum
0	57	6.3825	0.9855	0.1305	4.7000	8.2000
1	43	7.6279	1.0716	0.1634	5.4000	9.9000
Diff (1-2)		-1.2455	1.0232	0.2067		

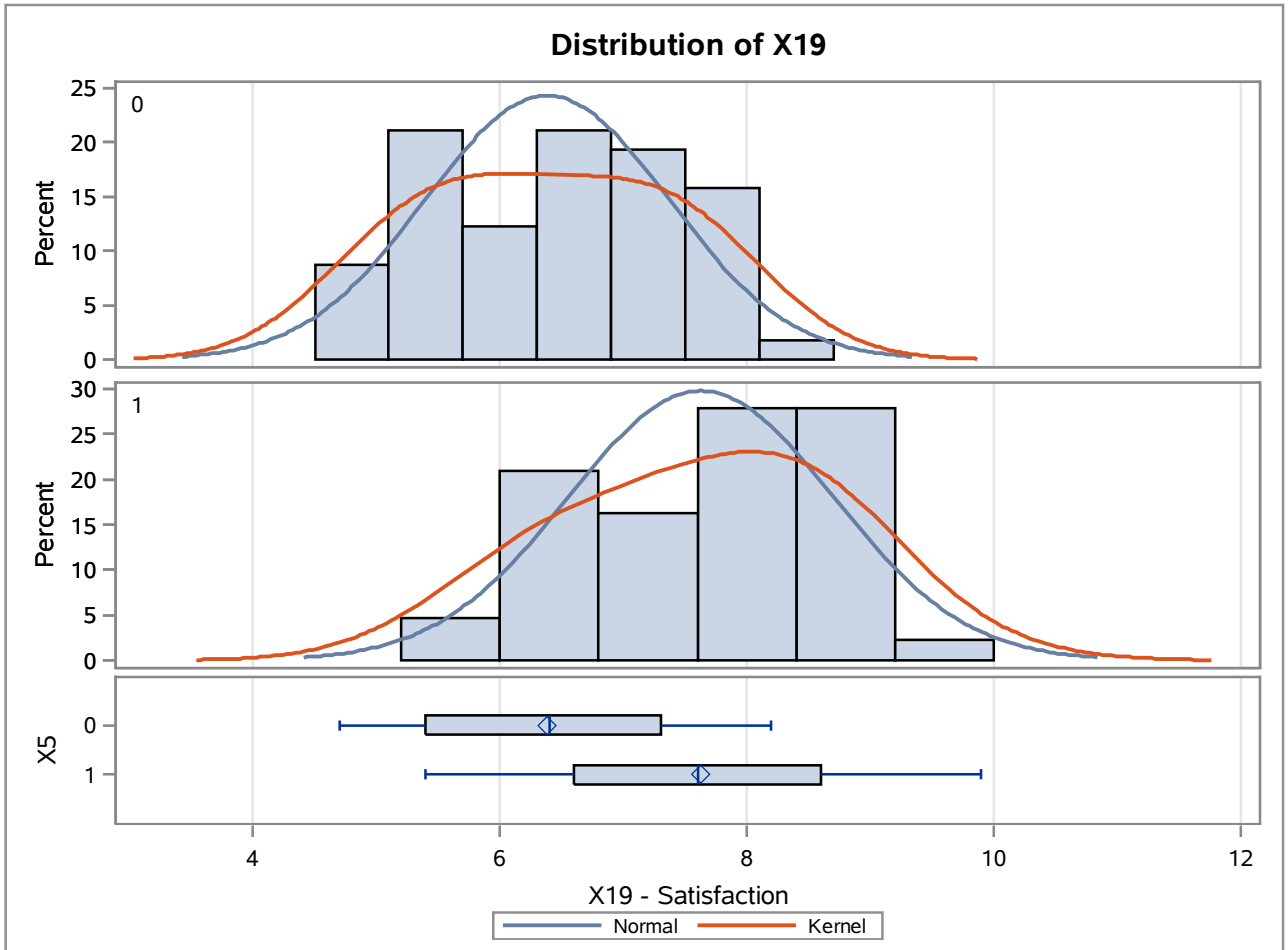
X5	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		6.3825	6.1210	6.6439	0.9855	0.8320	1.2089
1		7.6279	7.2981	7.9577	1.0716	0.8835	1.3620
Diff (1-2)	**Pooled**	-1.2455	-1.6556	-0.8353	1.0232	0.8979	1.1897
Diff (1-2)	**Satterthwaite**	-1.2455	-1.6612	-0.8297			

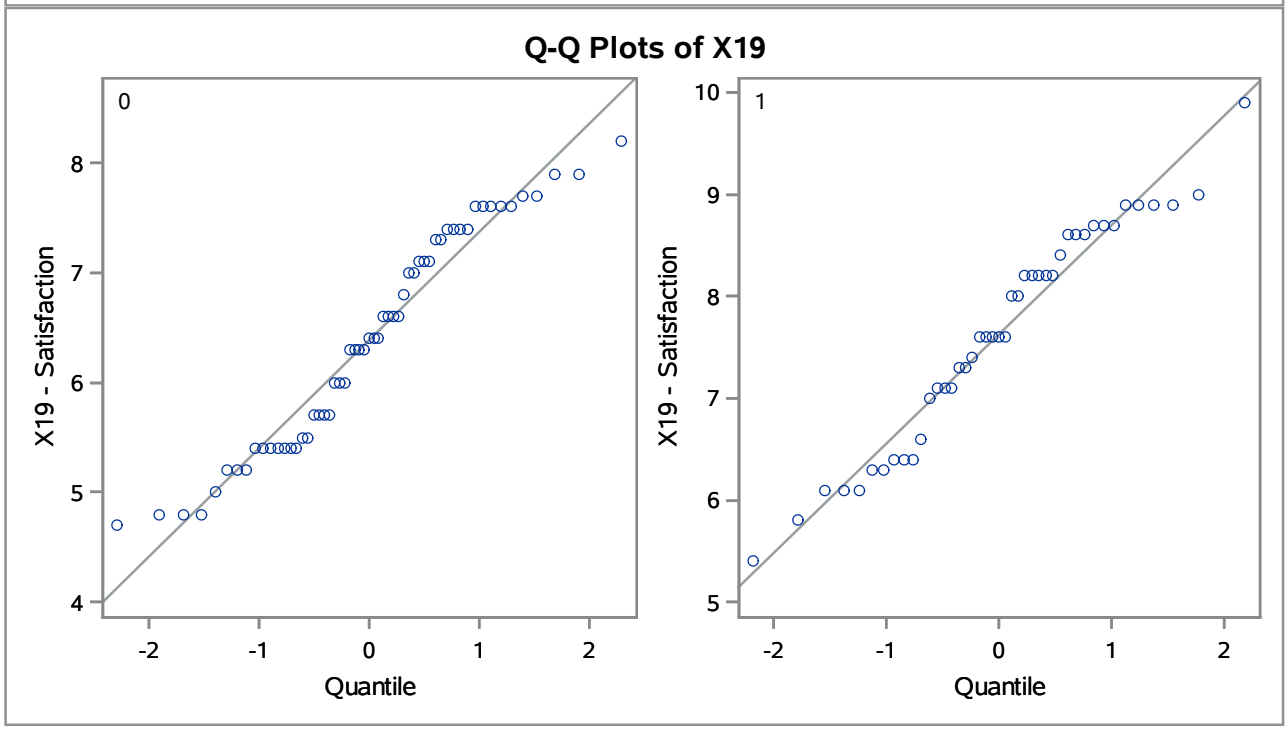
Method	Variances	DF	t Value	Pr > |t|
Pooled	Equal	98	-6.03	<.0001
Satterthwaite	Unequal	86.333	-5.96	<.0001

Equality of Variances				
Method	**Num DF**	**Den DF**	**F Value**	**Pr > F**
Folded F	42	56	1.18	0.5531

The TTEST Procedure

Variable: X19 (X19 - Satisfaction)





The TTEST Procedure

Variable: X20 (X20 - Likelihood of Recommendation)

Variable: X20 (X20 - Likelihood of Recommendation)

X5	N	Mean	Std Dev	Std Err	Minimum	Maximum
0	57	6.6596	0.9677	0.1282	4.6000	8.6000
1	43	7.4977	0.9526	0.1453	5.5000	9.9000
Diff (1-2)		-0.8380	0.9612	0.1942		

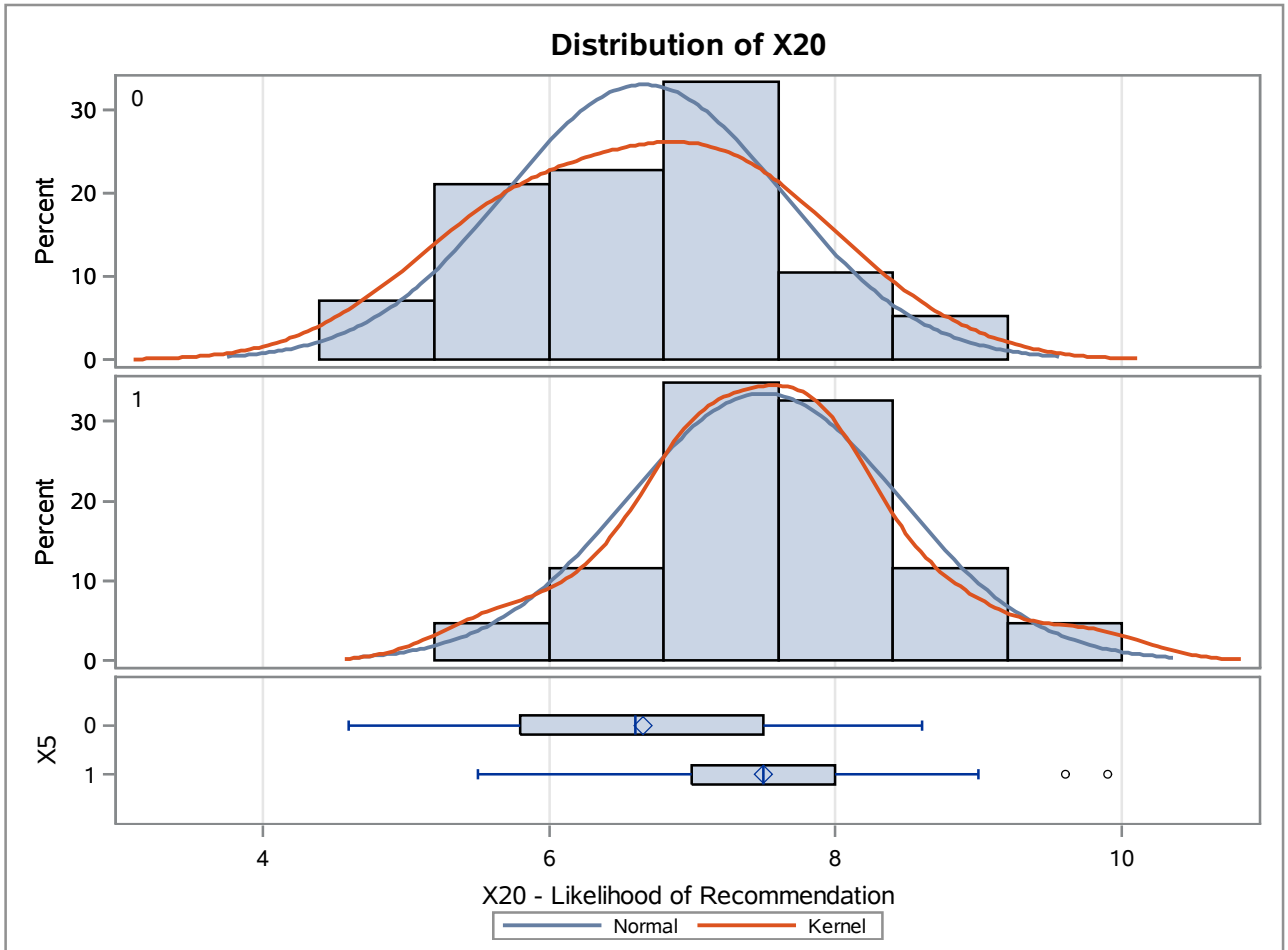
X5	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		6.6596	6.4029	6.9164	0.9677	0.8170	1.1871
1		7.4977	7.2045	7.7908	0.9526	0.7854	1.2107
Diff (1-2)	Pooled	-0.8380	-1.2233	-0.4527	0.9612	0.8434	1.1175
Diff (1-2)	Satterthwaite	-0.8380	-1.2228	-0.4532			

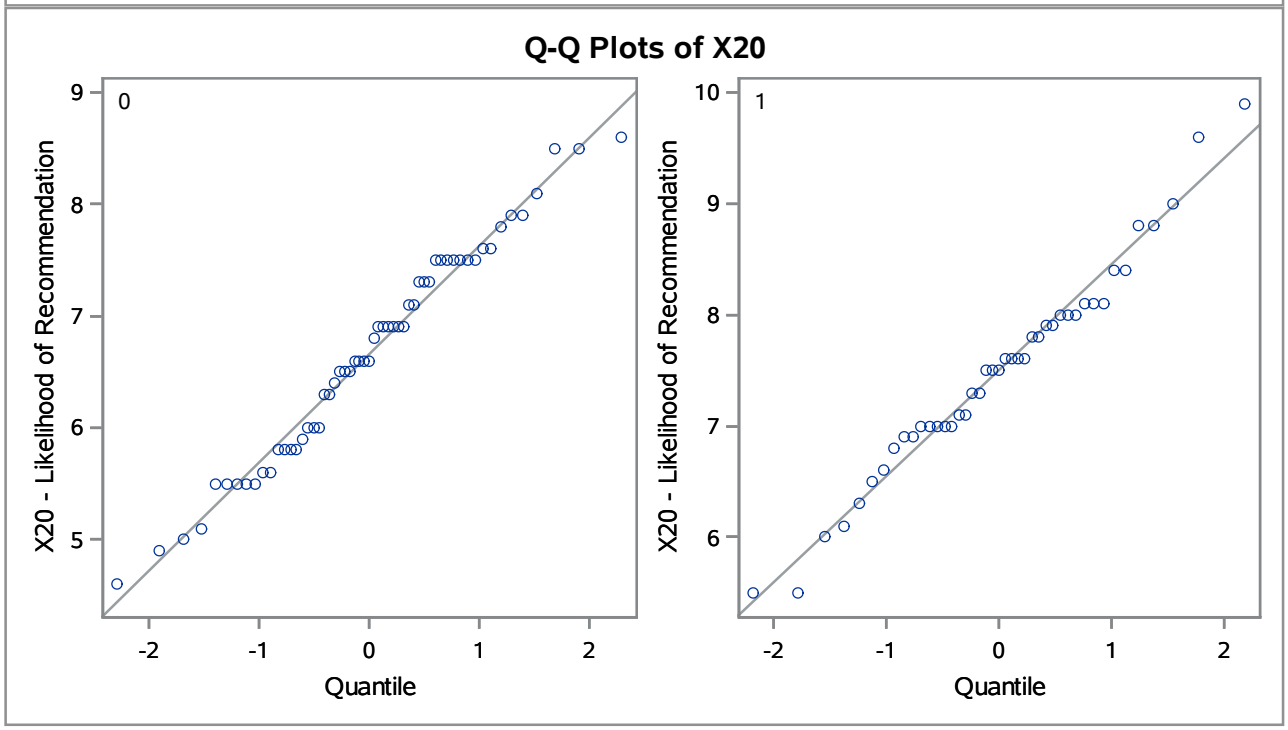
Method	Variances	DF	t Value	Pr > |t|
Pooled	Equal	98	-4.32	<.0001
Satterthwaite	Unequal	91.333	-4.33	<.0001

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	56	42	1.03	0.9247

The TTEST Procedure

Variable: X20 (X20 - Likelihood of Recommendation)





The ANOVA Procedure

Class Level Information		
Class	Levels	Values
X5	2	0 1

Number of Observations Read	100
Number of Observations Used	100

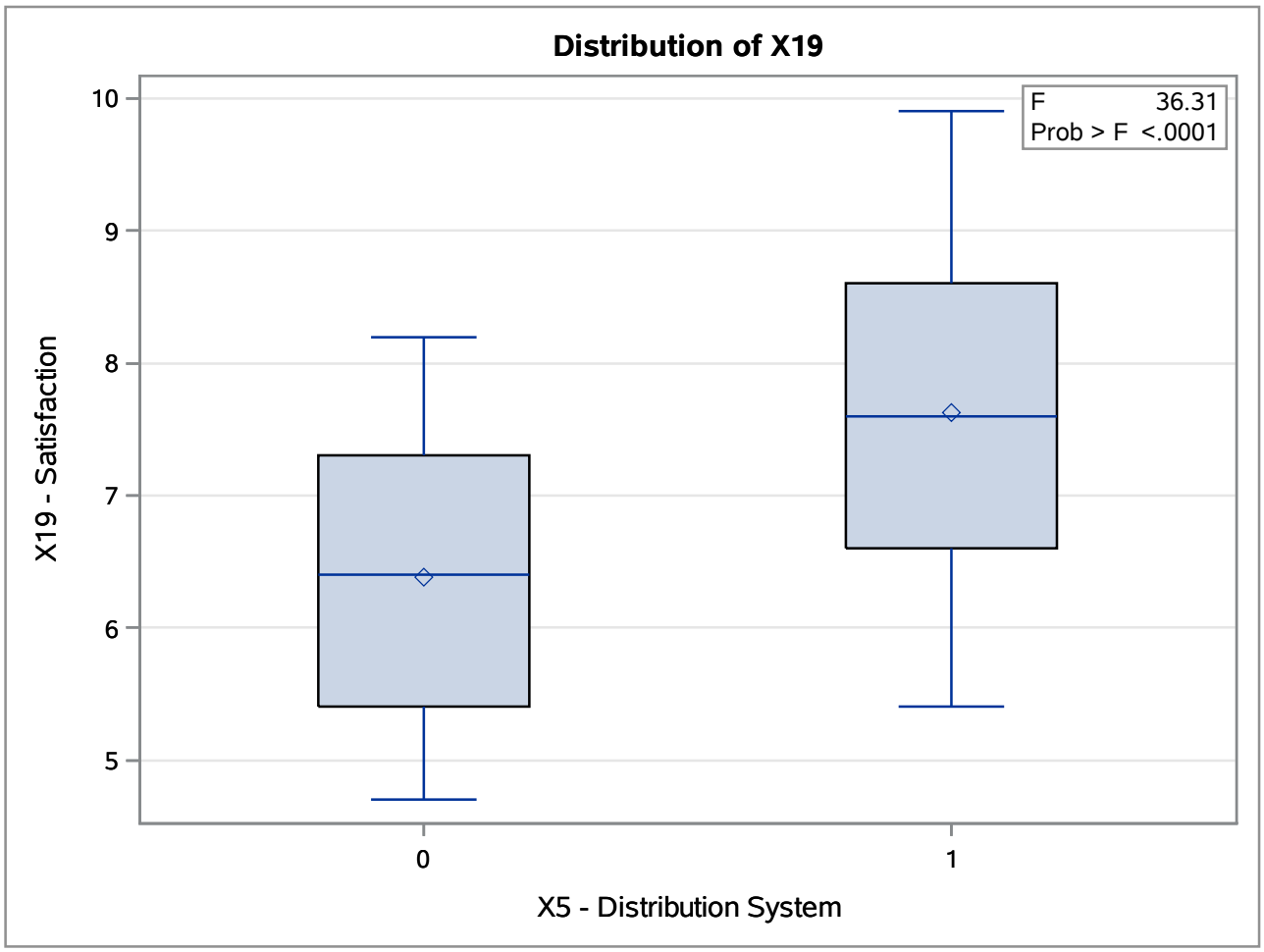
The ANOVA Procedure

Dependent Variable: X19 X19 - Satisfaction

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	38.0186322	38.0186322	36.31	<.0001
Error	98	102.6089678	1.0470303		
Corrected Total	99	140.6276000			

R-Square	Coeff Var	Root MSE	X19 Mean
0.270350	14.79105	1.023245	6.918000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
X5	1	38.01863223	38.01863223	36.31	<.0001



The ANOVA Procedure

Class Level Information		
Class	**Levels**	**Values**
X5	2	0 1

Number of Observations Read	100
Number of Observations Used	100

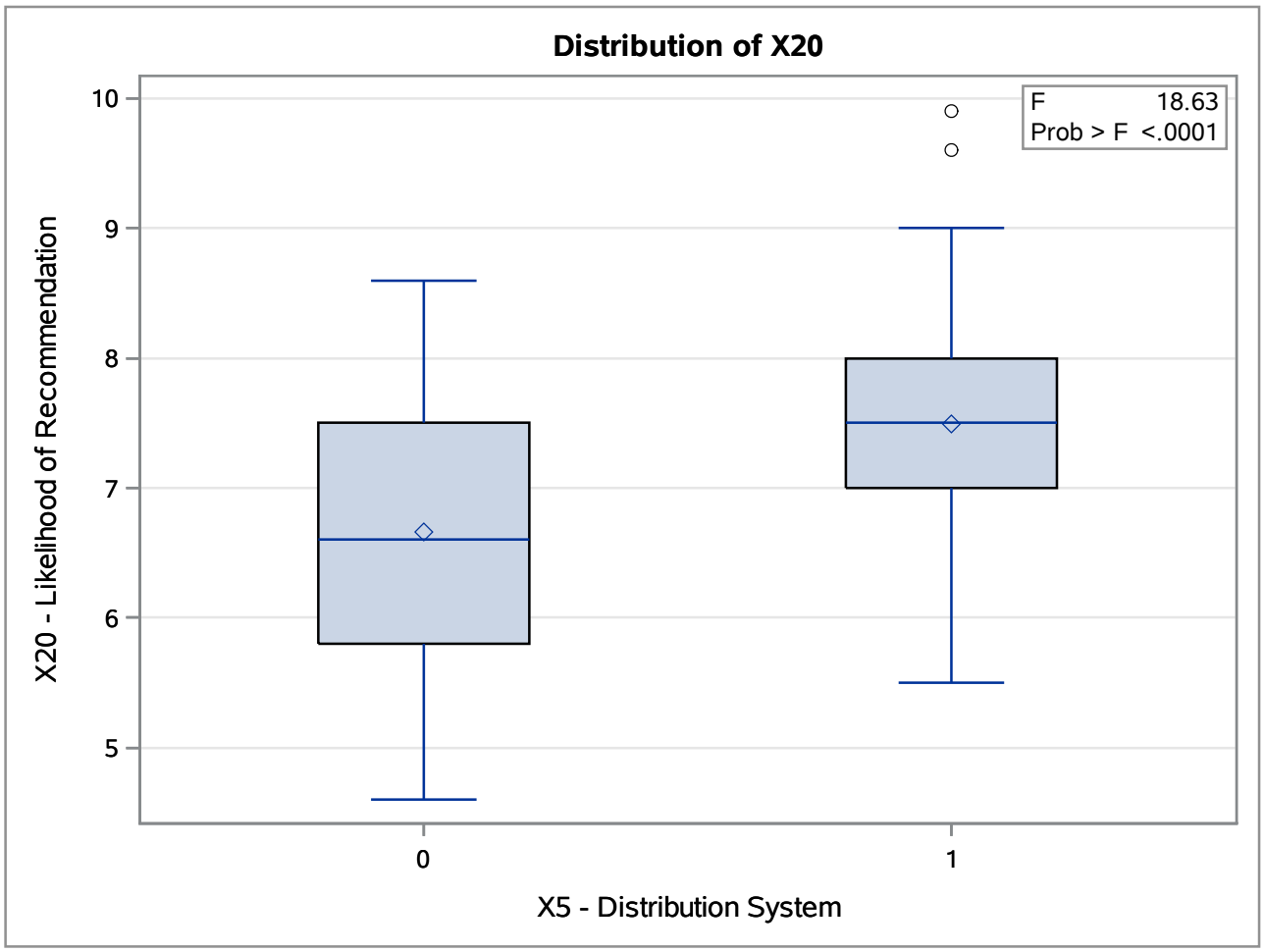
The ANOVA Procedure

Dependent Variable: X20 X20 - Likelihood of Recommendation

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	17.2130396	17.2130396	18.63	<.0001
Error	98	90.5469604	0.9239486		
Corrected Total	99	107.7600000			

R-Square	Coeff Var	Root MSE	X20 Mean
0.159735	13.69263	0.961222	7.020000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
X5	1	17.21303958	17.21303958	18.63	<.0001



The REG Procedure
Model: MODEL1
Dependent Variable: X19 X19 - Satisfaction

Number of Observations Read	100
Number of Observations Used	100

Analysis of Variance

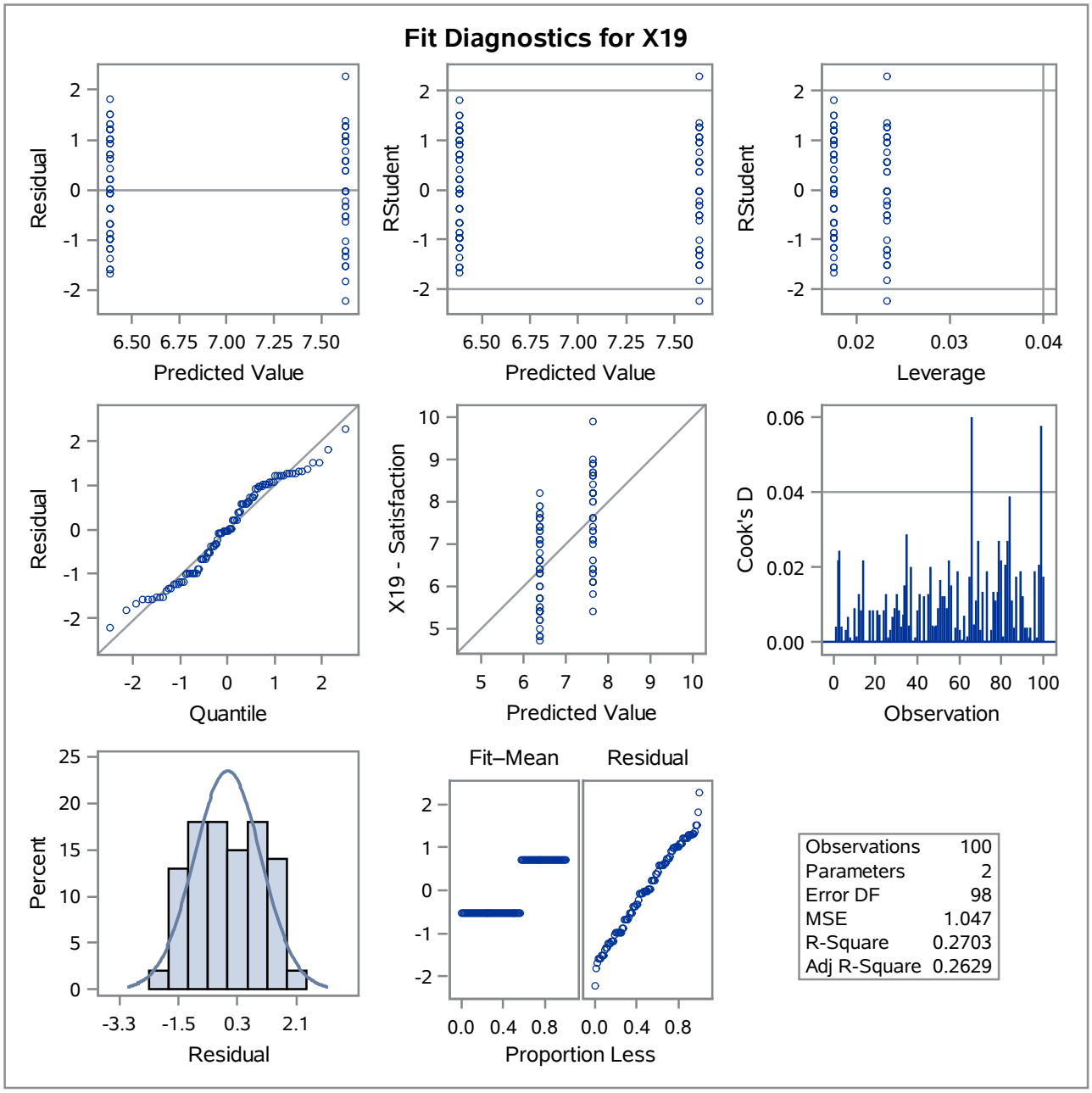
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	38.01863	38.01863	36.31	<.0001
Error	98	102.60897	1.04703		
Corrected Total	99	140.62760			

Root MSE	1.02324	**R-Square**	0.2703
Dependent Mean	6.91800	**Adj R-Sq**	0.2629
Coeff Var	14.79105		

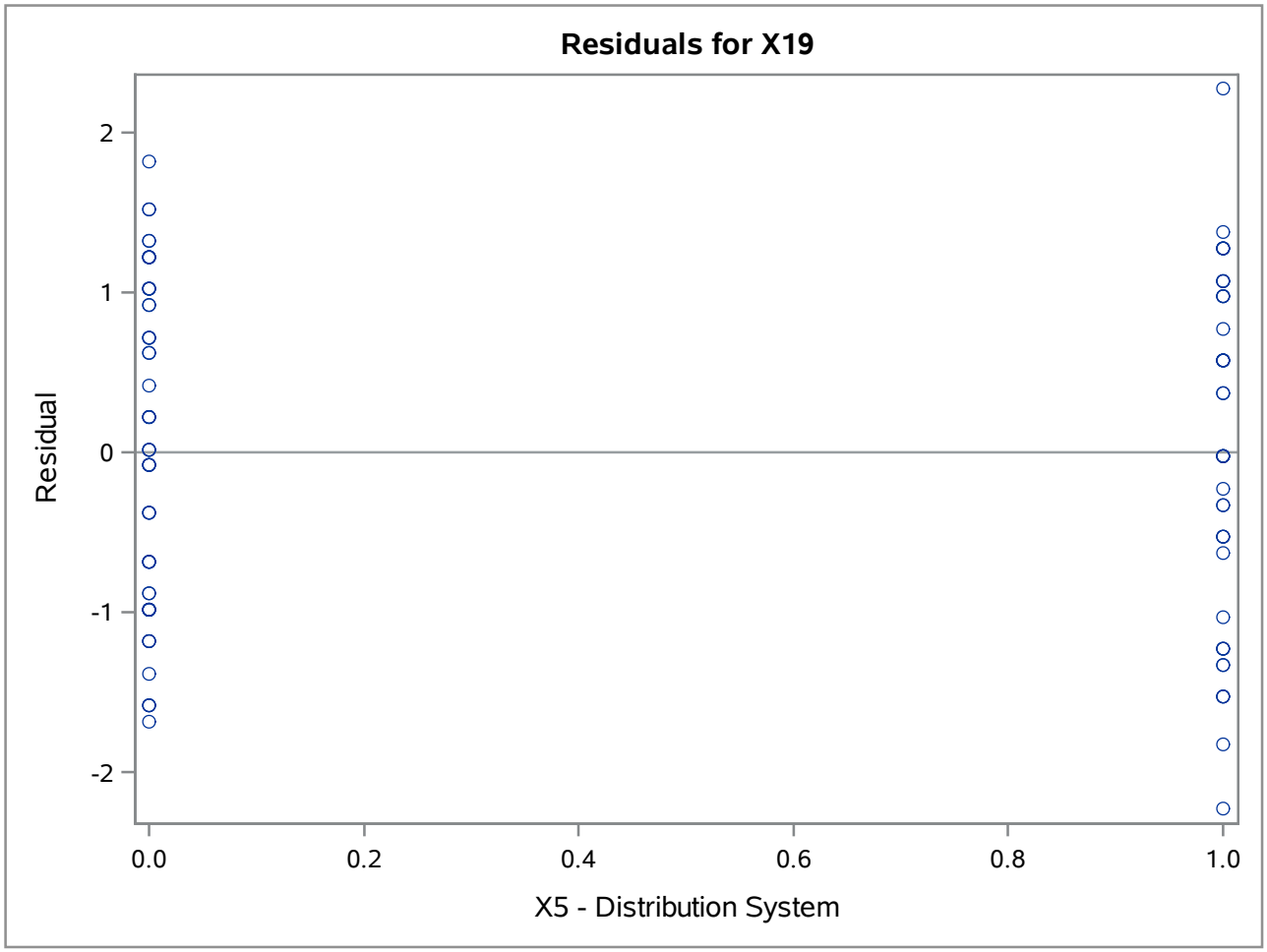
Parameter Estimates

Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	Intercept	1	6.38246	0.13553	47.09	<.0001
X5	X5 - Distribution System	1	1.24545	0.20668	6.03	<.0001

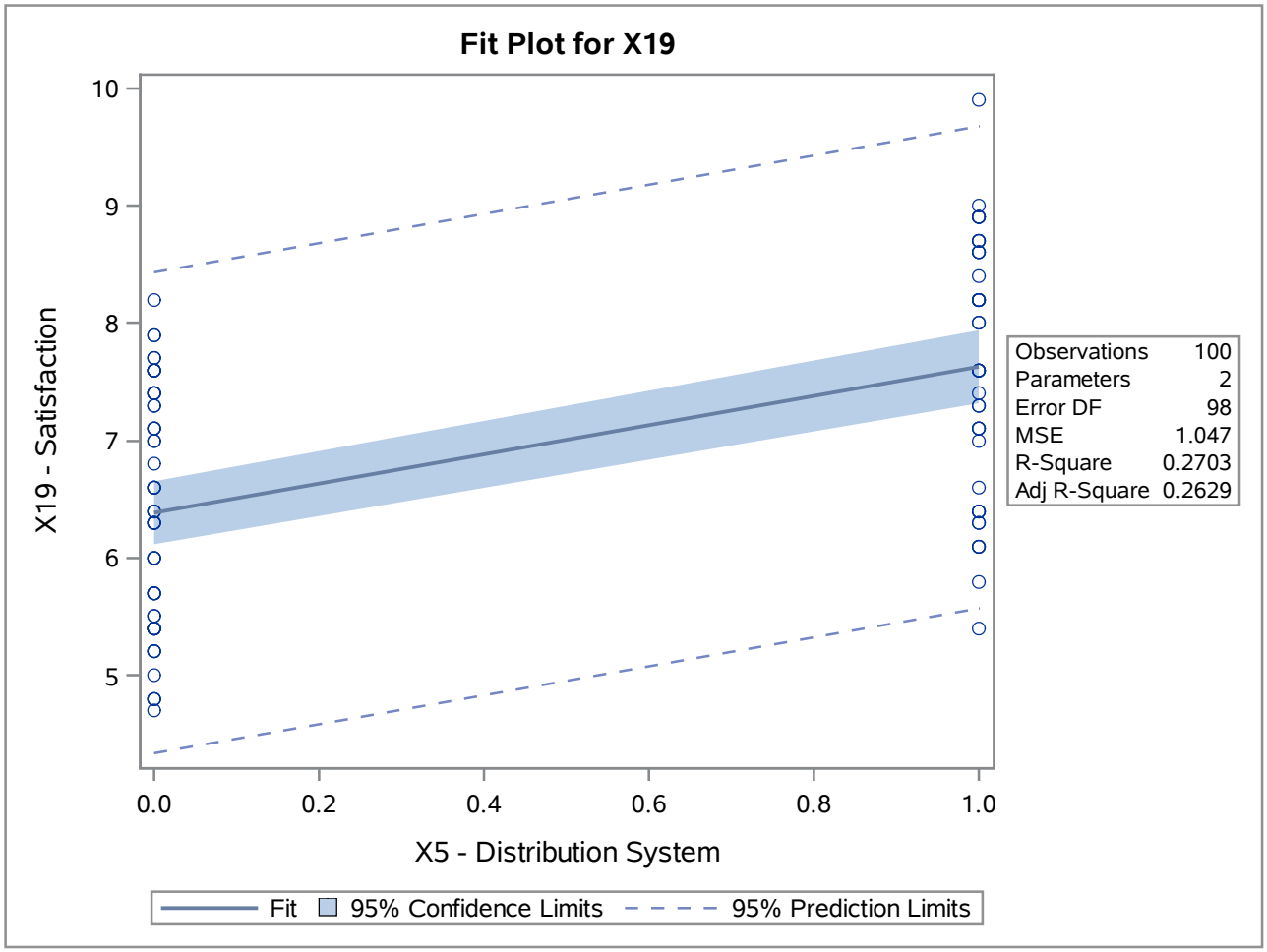
The REG Procedure
Model: MODEL1
Dependent Variable: X19 X19 - Satisfaction



The REG Procedure
Model: MODEL1
Dependent Variable: X19 X19 - Satisfaction



The REG Procedure
Model: MODEL1
Dependent Variable: X19 X19 - Satisfaction



The REG Procedure
Model: MODEL1
Dependent Variable: X20 X20 - Likelihood of Recommendation

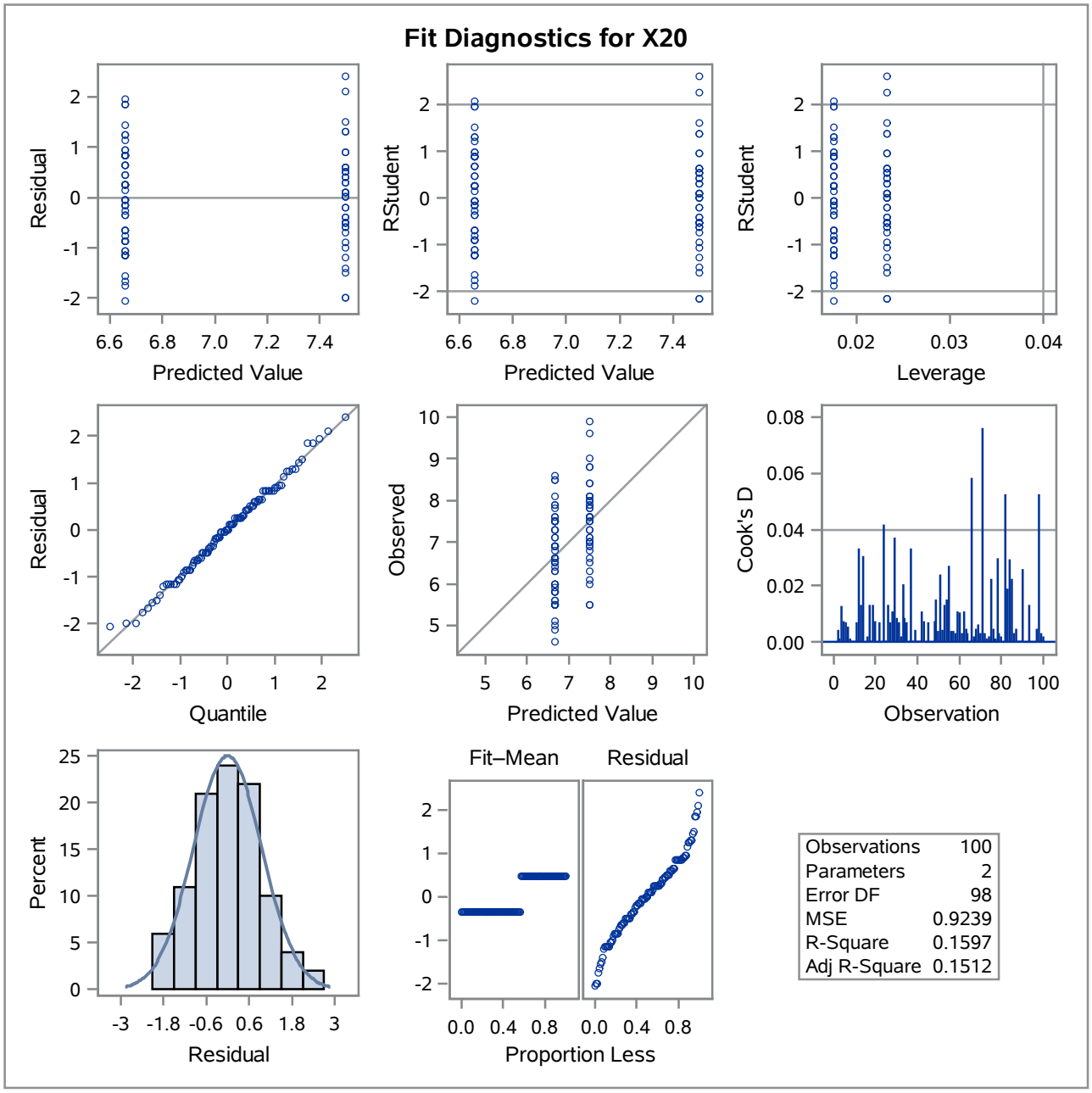
Number of Observations Read	100
Number of Observations Used	100

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	1	17.21304	17.21304	18.63	<.0001
Error	98	90.54696	0.92395		
Corrected Total	99	107.76000			

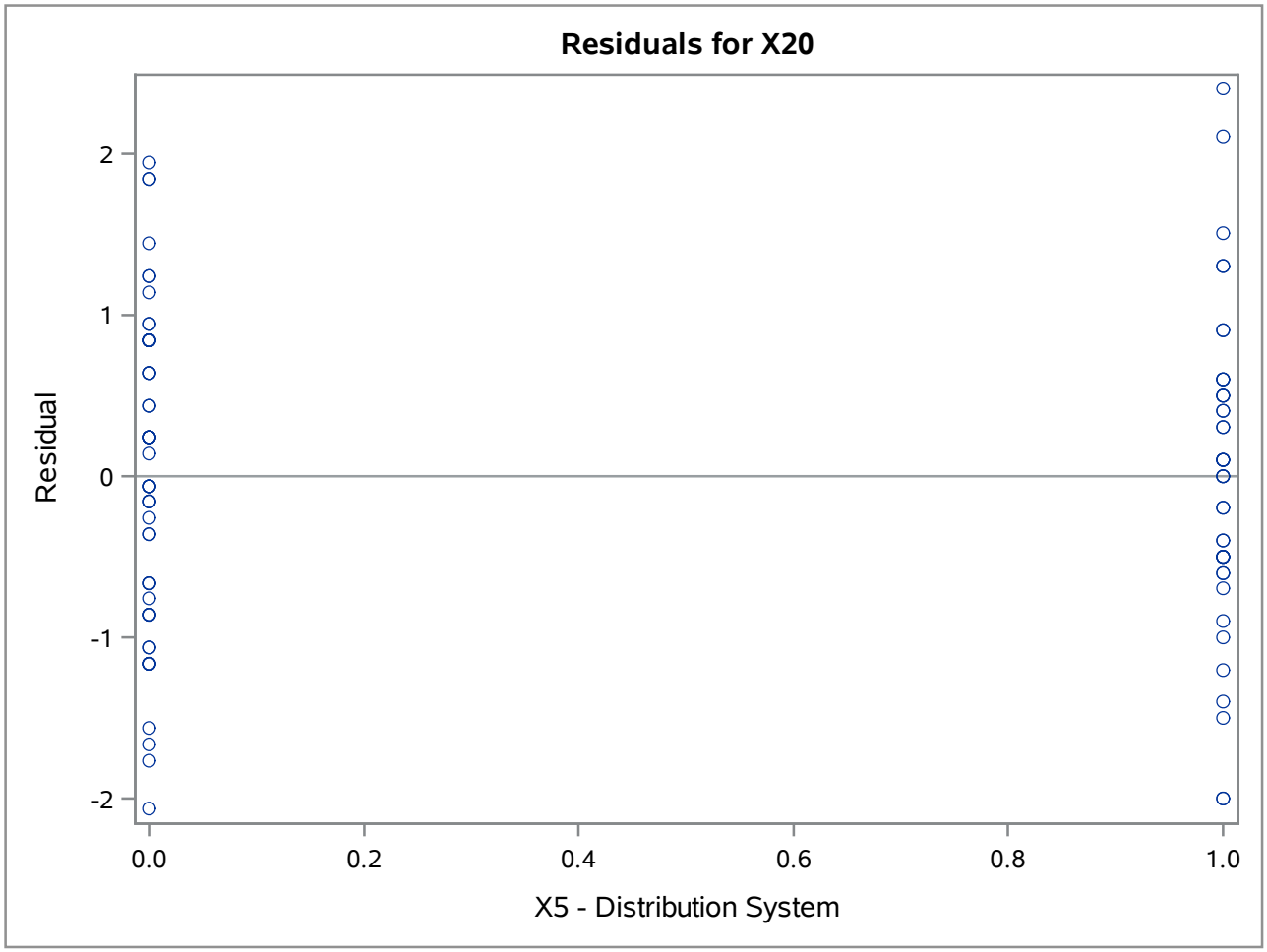
Root MSE	0.96122	**R-Square**	0.1597
Dependent Mean	7.02000	**Adj R-Sq**	0.1512
Coeff Var	13.69263		

Parameter Estimates						
Variable	**Label**	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**
Intercept	Intercept	1	6.65965	0.12732	52.31	<.0001
X5	X5 - Distribution System	1	0.83803	0.19416	4.32	<.0001

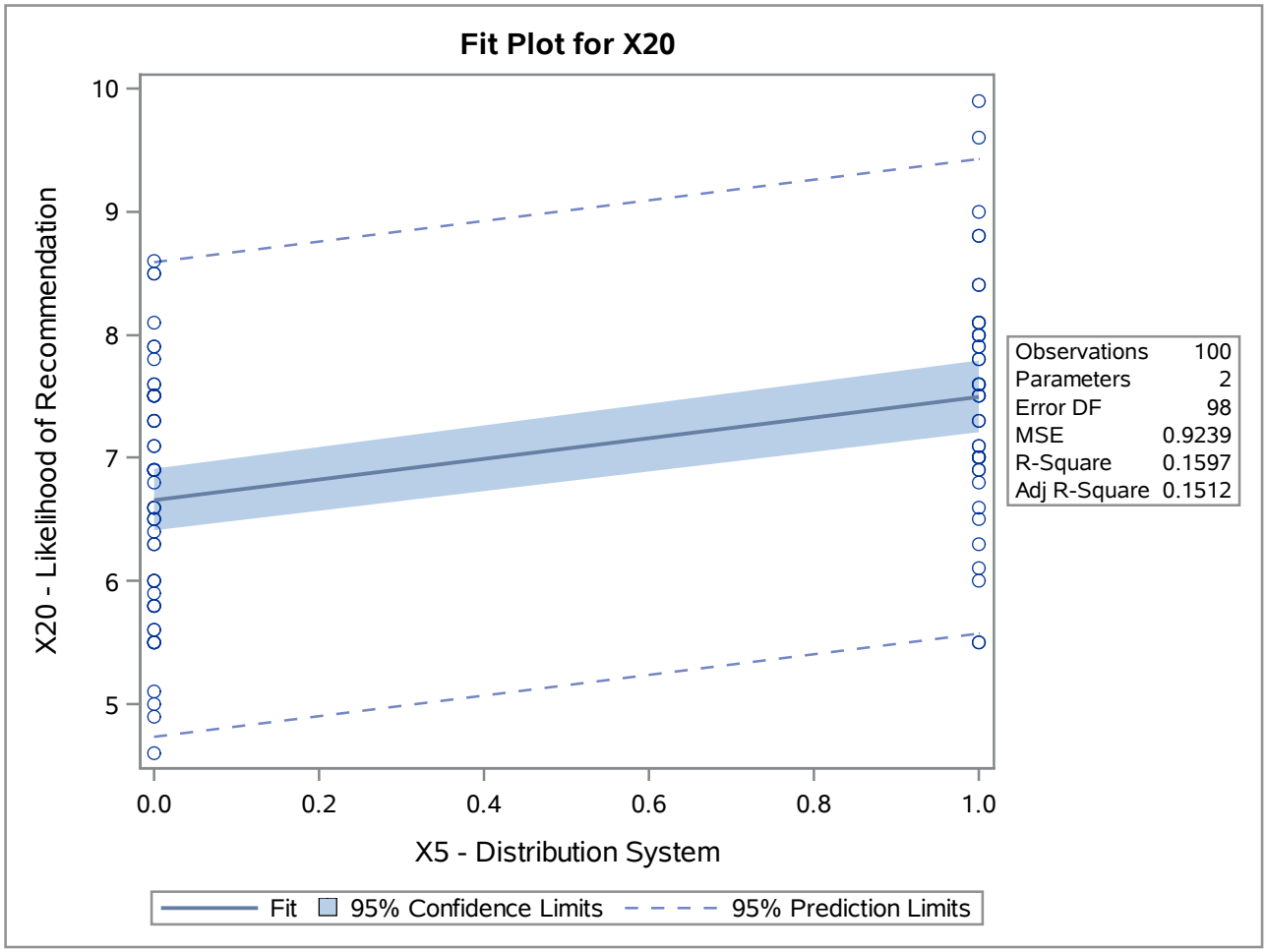
The REG Procedure
Model: MODEL1
Dependent Variable: X20 X20 - Likelihood of Recommendation



The REG Procedure
Model: MODEL1
Dependent Variable: X20 X20 - Likelihood of Recommendation



The REG Procedure
Model: MODEL1
Dependent Variable: X20 X20 - Likelihood of Recommendation



The GLM Procedure

Class Level Information		
Class	Levels	Values
X5	2	0 1

Number of Observations Read	100
Number of Observations Used	100

The GLM Procedure

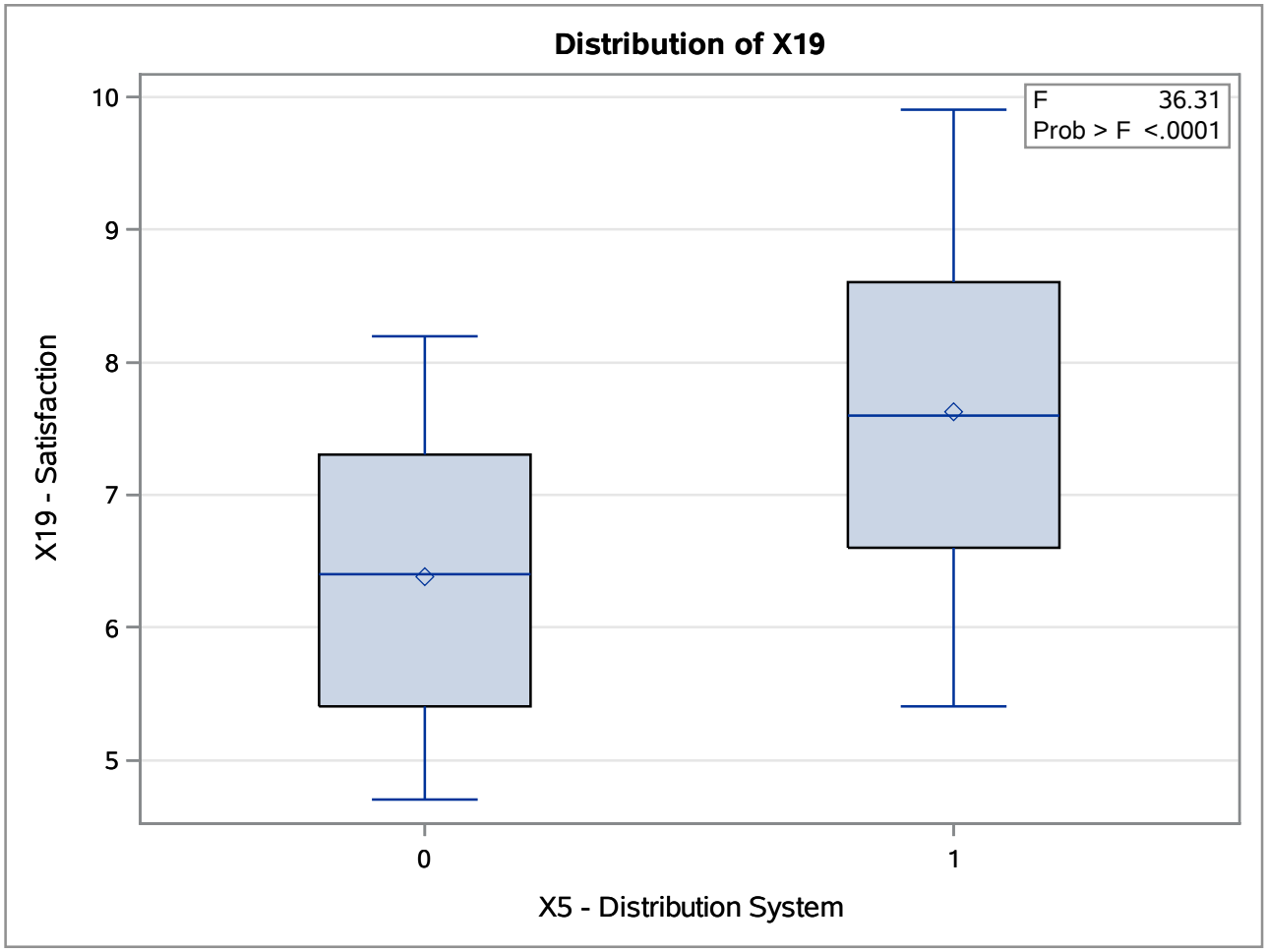
Dependent Variable: X19 X19 - Satisfaction

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	38.0186322	38.0186322	36.31	<.0001
Error	98	102.6089678	1.0470303		
Corrected Total	99	140.6276000			

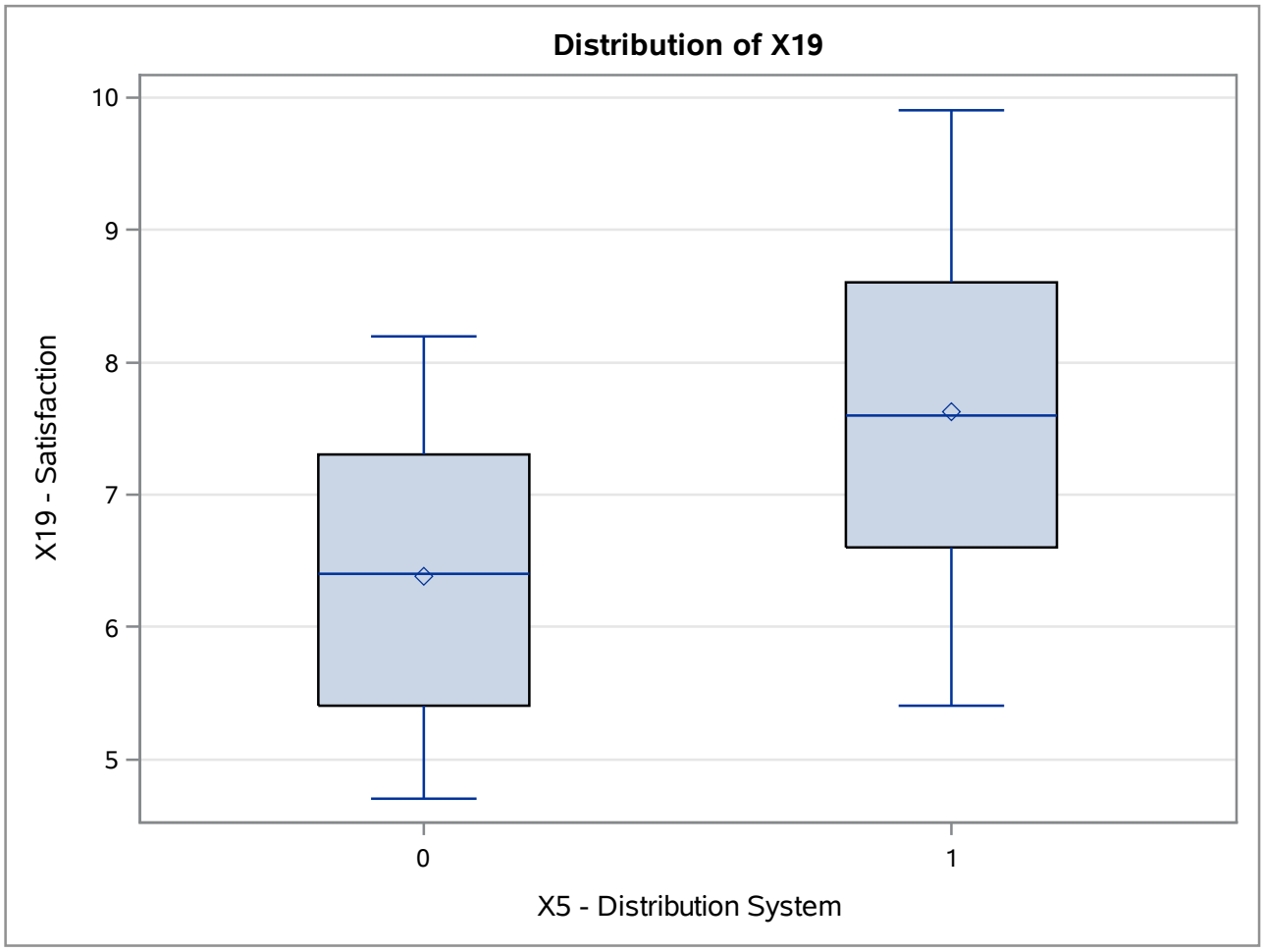
R-Square	Coeff Var	Root MSE	X19 Mean
0.270350	14.79105	1.023245	6.918000

Source	DF	Type I SS	Mean Square	F Value	Pr > F
X5	1	38.01863223	38.01863223	36.31	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
X5	1	38.01863223	38.01863223	36.31	<.0001



The GLM Procedure



Level of X5	N	X19	
		Mean	Std Dev
0	57	6.38245614	0.98545182
1	43	7.62790698	1.07156441

The GLM Procedure

Class Level Information		
Class	Levels	Values
X5	2	0 1

Number of Observations Read	100
Number of Observations Used	100

The GLM Procedure

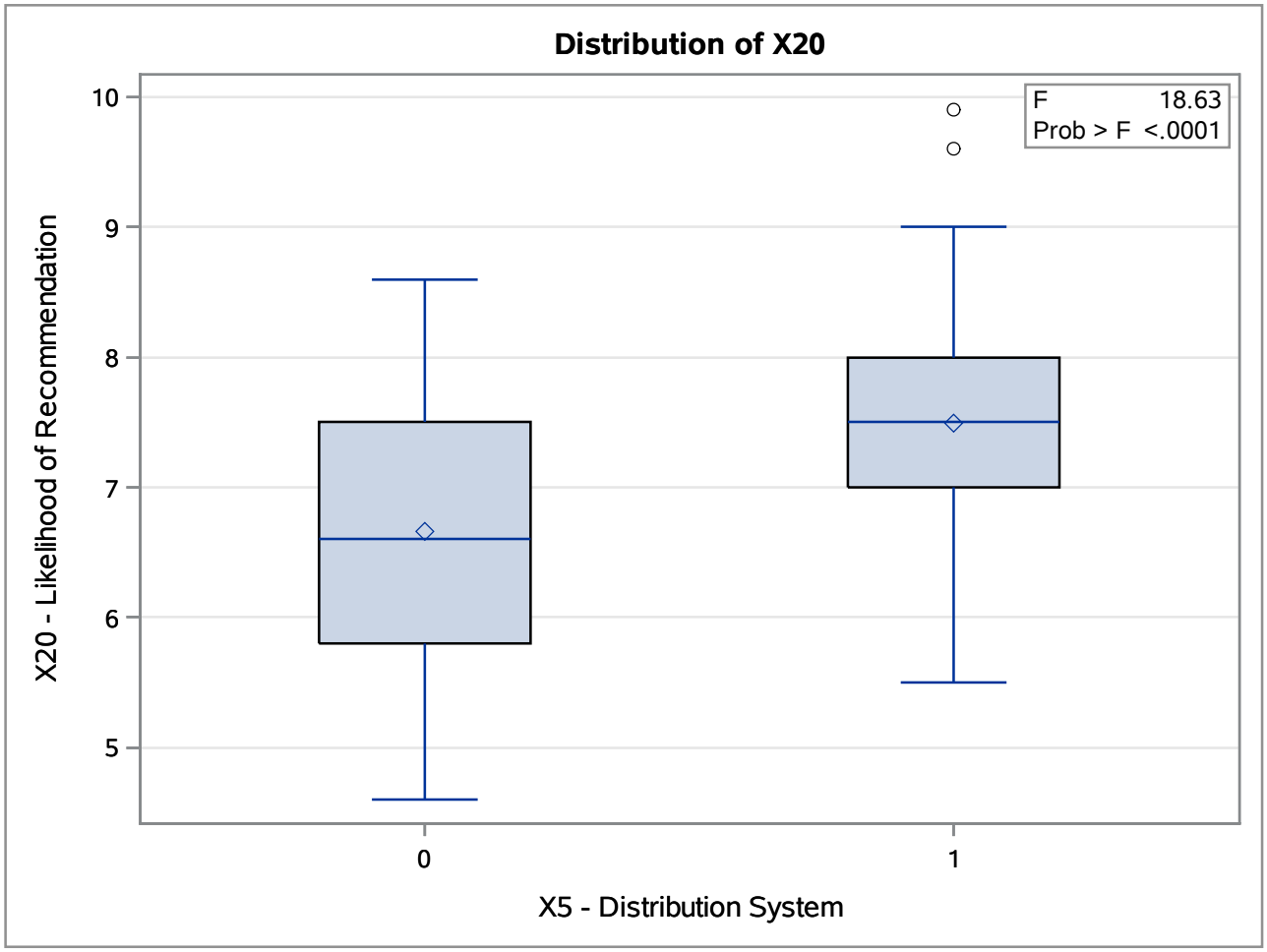
Dependent Variable: X20 X20 - Likelihood of Recommendation

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	17.2130396	17.2130396	18.63	<.0001
Error	98	90.5469604	0.9239486		
Corrected Total	99	107.7600000			

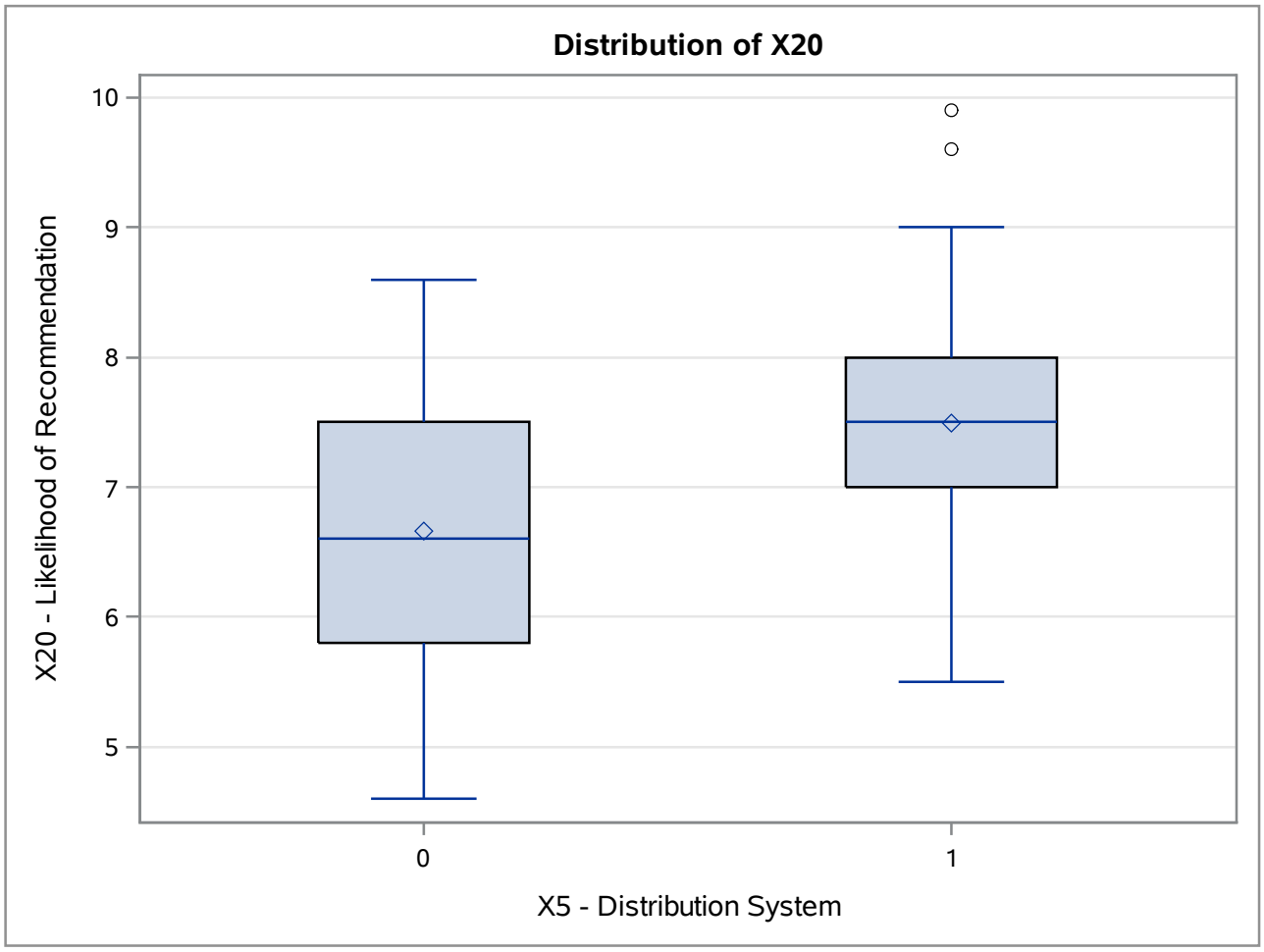
R-Square	Coeff Var	Root MSE	X20 Mean
0.159735	13.69263	0.961222	7.020000

Source	DF	Type I SS	Mean Square	F Value	Pr > F
X5	1	17.21303958	17.21303958	18.63	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
X5	1	17.21303958	17.21303958	18.63	<.0001



The GLM Procedure



Level of X5	N	X20	
		Mean	Std Dev
0	57	6.65964912	0.96766650
1	43	7.49767442	0.95256255