Chapter 19: Logistic regression

Oliver Twisted

Please, Sir, can I have some more … diagnostics?

Here is a table of diagnostic statistics for this example.

Case Summaries[a]

	Case Number	Analog of Cook's influence statistics	Leverage value	Normalized residual	DFBETA for constant	DFBETA for Intervention(1)
1	1	.01364	.01786	-.86603	-.03182	.03182
2	2	.01364	.01786	-.86603	-.03182	.03182
3	3	.01364	.01786	-.86603	-.03182	.03182
4	4	.02424	.01786	1.15470	.04242	-.04242
5	5	.00697	.01754	.62470	.00000	.02483
6	6	.02424	.01786	1.15470	.04242	-.04242
7	7	.04576	.01754	-1.60078	.00000	-.06362
8	8	.00697	.01754	.62470	.00000	.02483
9	9	.02424	.01786	1.15470	.04242	-.04242
10	10	.01364	.01786	-.86603	-.03182	.03182
11	11	.00697	.01754	.62470	.00000	.02483
12	12	.02424	.01786	1.15470	.04242	-.04242
13	13	.02424	.01786	1.15470	.04242	-.04242
14	14	.04576	.01754	-1.60078	.00000	-.06362
15	15	.01364	.01786	-.86603	-.03182	.03182
16	16	.01364	.01786	-.86603	-.03182	.03182
17	17	.00697	.01754	.62470	.00000	.02483
18	18	.04576	.01754	-1.60078	.00000	-.06362
19	19	.00697	.01754	.62470	.00000	.02483
20	20	.00697	.01754	.62470	.00000	.02483
21	21	.01364	.01786	-.86603	-.03182	.03182
22	22	.00697	.01754	.62470	.00000	.02483
23	23	.00697	.01754	.62470	.00000	.02483
24	24	.01364	.01786	-.86603	-.03182	.03182
25	25	.00697	.01754	.62470	.00000	.02483
26	26	.00697	.01754	.62470	.00000	.02483
27	27	.02424	.01786	1.15470	.04242	-.04242
28	28	.02424	.01786	1.15470	.04242	-.04242
29	29	.00697	.01754	.62470	.00000	.02483
30	30	.00697	.01754	.62470	.00000	.02483
31	31	.01364	.01786	-.86603	-.03182	.03182
32	32	.02424	.01786	1.15470	.04242	-.04242
33	33	.00697	.01754	.62470	.00000	.02483
34	34	.04576	.01754	-1.60078	.00000	-.06362
35	35	.00697	.01754	.62470	.00000	.02483
36	36	.02424	.01786	1.15470	.04242	-.04242
37	37	.02424	.01786	1.15470	.04242	-.04242
38	38	.04576	.01754	-1.60078	.00000	-.06362
39	39	.02424	.01786	1.15470	.04242	-.04242
40	40	.00697	.01754	.62470	.00000	.02483
41	41	.02424	.01786	1.15470	.04242	-.04242
42	42	.04576	.01754	-1.60078	.00000	-.06362
43	43	.00697	.01754	.62470	.00000	.02483
44	44	.04576	.01754	-1.60078	.00000	-.06362
45	45	.01364	.01786	-.86603	-.03182	.03182
46	46	.01364	.01786	-.86603	-.03182	.03182
47	47	.01364	.01786	-.86603	-.03182	.03182
48	48	.04576	.01754	-1.60078	.00000	-.06362
49	49	.04576	.01754	-1.60078	.00000	-.06362
50	50	.02424	.01786	1.15470	.04242	-.04242
51	51	.00697	.01754	.62470	.00000	.02483
52	52	.00697	.01754	.62470	.00000	.02483
53	53	.00697	.01754	.62470	.00000	.02483
54	54	.02424	.01786	1.15470	.04242	-.04242
55	55	.01364	.01786	-.86603	-.03182	.03182
56	56	.00697	.01754	.62470	.00000	.02483
57	57	.00697	.01754	.62470	.00000	.02483
Total N		57	57	57	57	57

a. VAR00001 = 0