

Obs	name	sandwich	fat	cholest	calories
1	Veggie	1	3	0	232
2	Turkey	2	4	20	282
3	Turkey+Ham	3	4	23	288
4	Ham	4	5	20	296
5	RoastBeef	5	5	26	312
6	ChickenBreast	6	5	25	323
7	ChickenOriental	7	6	48	342
8	LoadedBurger	8	31	85	560
9	CheesyBurger	9	40	145	720

The REG Procedure
Model: MODEL1
Dependent Variable: calories Calories

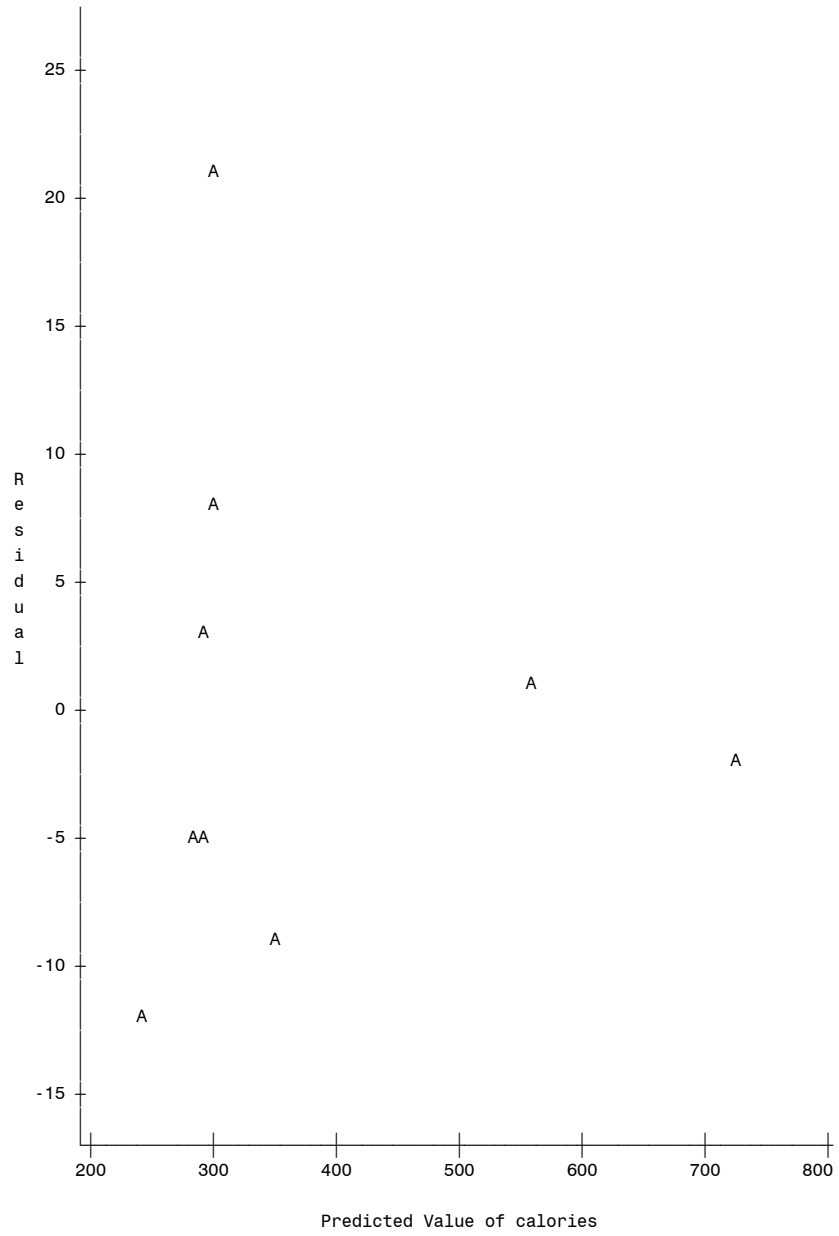
Number of Observations Read	9
Number of Observations Used	9

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	203087	101544	772.63	<.0001
Error	6	788.55151	131.42525		
Corrected Total	8	203876			

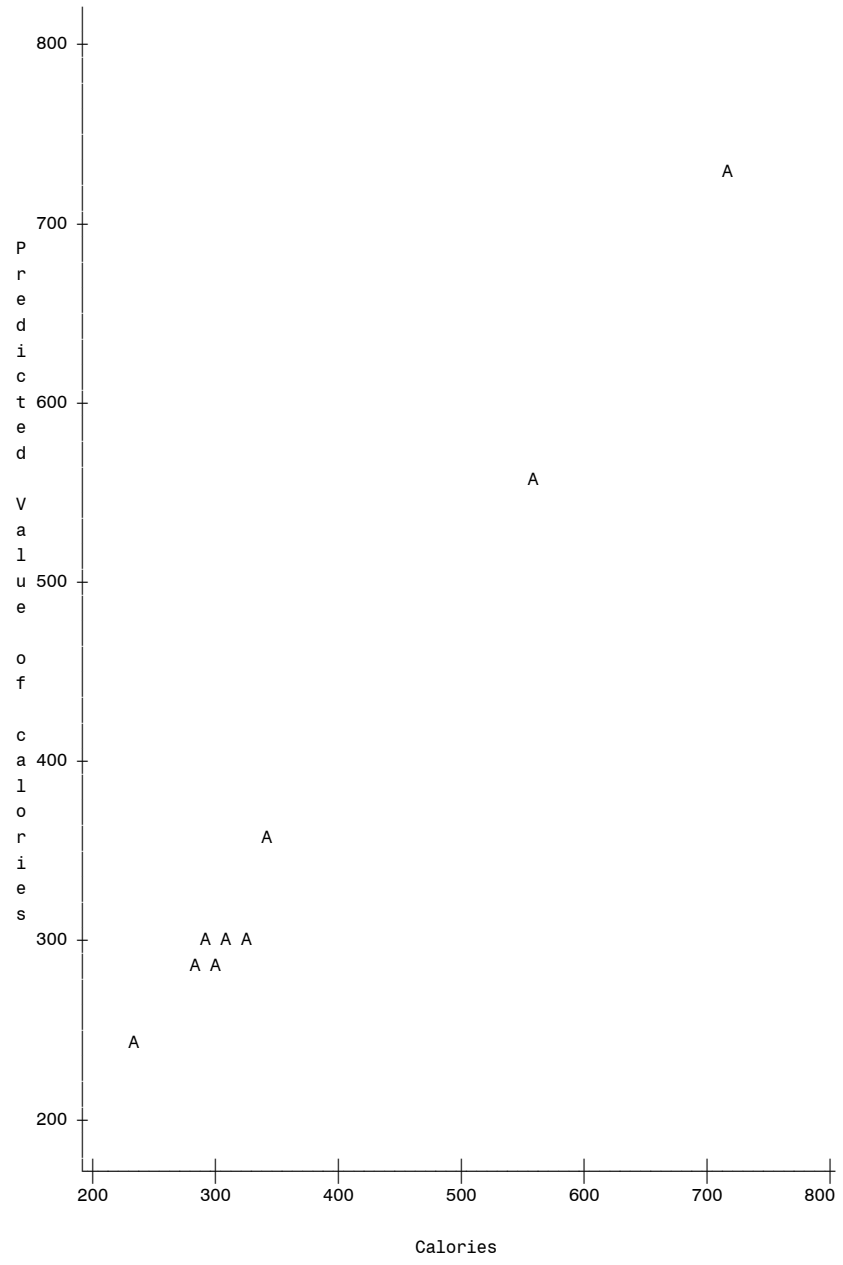
Root MSE	11.46409	R-Square	0.9961
Dependent Mean	372.77778	Adj R-Sq	0.9948
Coeff Var	3.07531		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	227.51709	5.67748	40.07	<.0001
fat	Total Fat (g)	1	5.51960	1.02302	5.40	0.0017
cholest	Cholesterol (mg)	1	1.88476	0.31570	5.97	0.0010

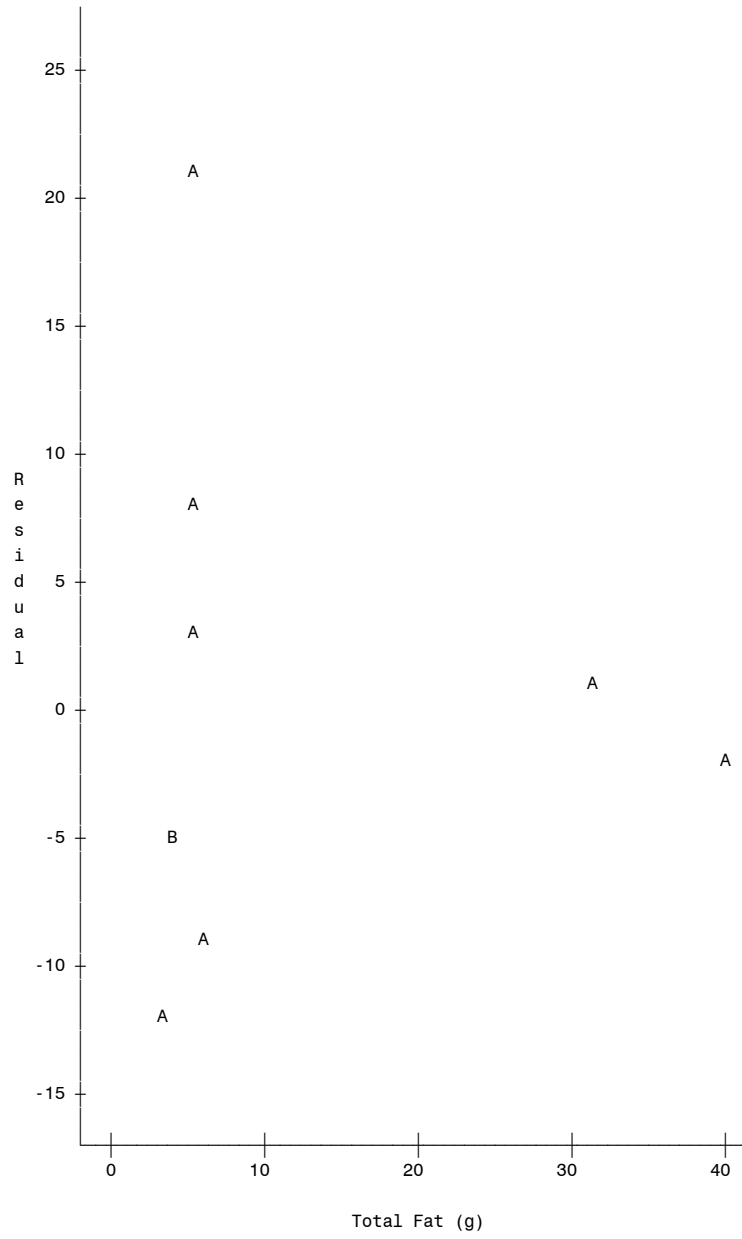
Plot of res*pred. Legend: A = 1 obs, B = 2 obs, etc.



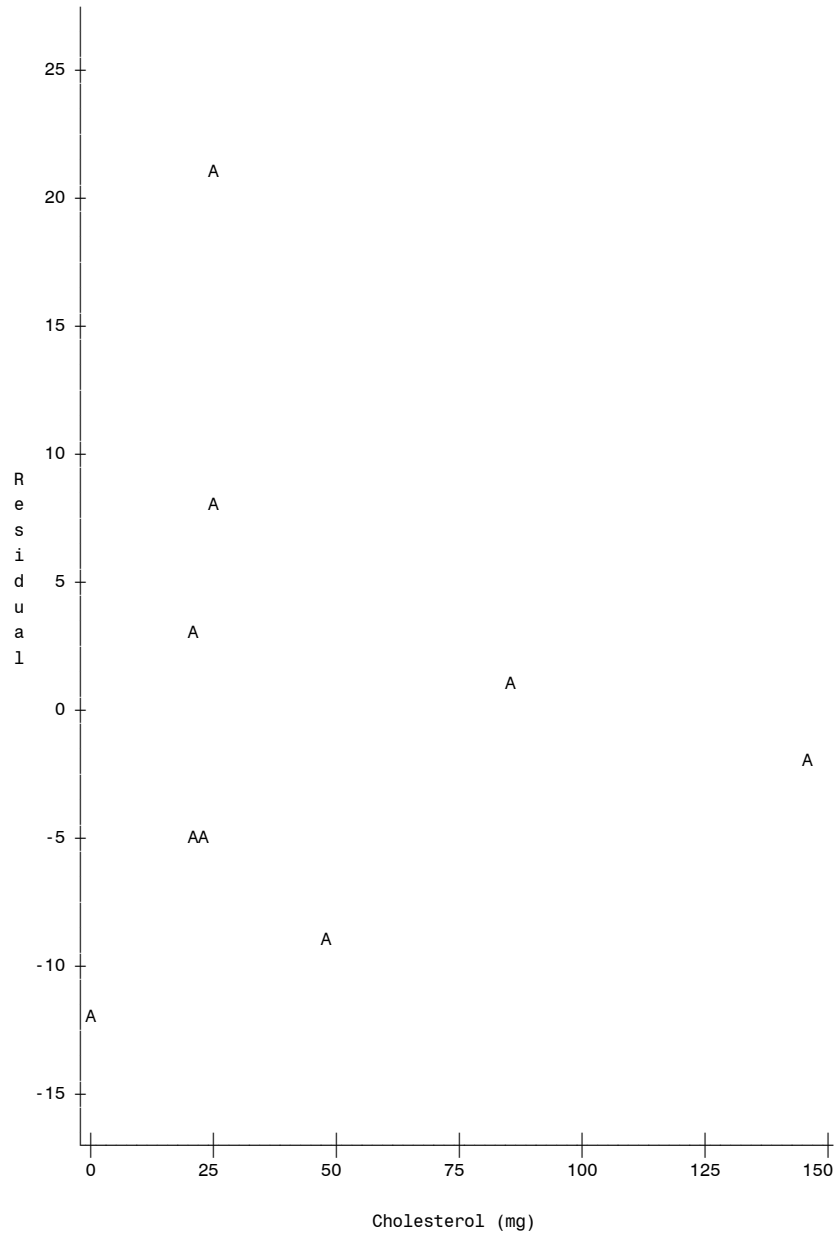
Plot of pred*calories. Legend: A = 1 obs, B = 2 obs, etc.



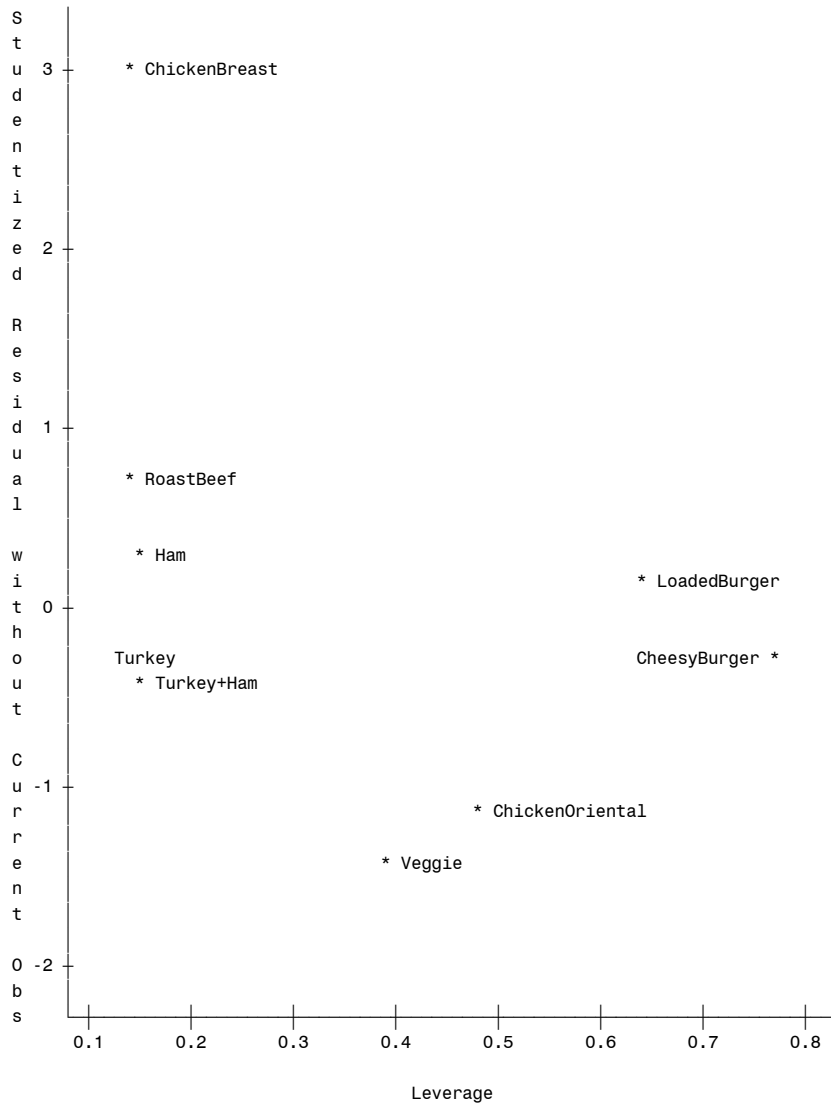
Plot of res*fat. Legend: A = 1 obs, B = 2 obs, etc.



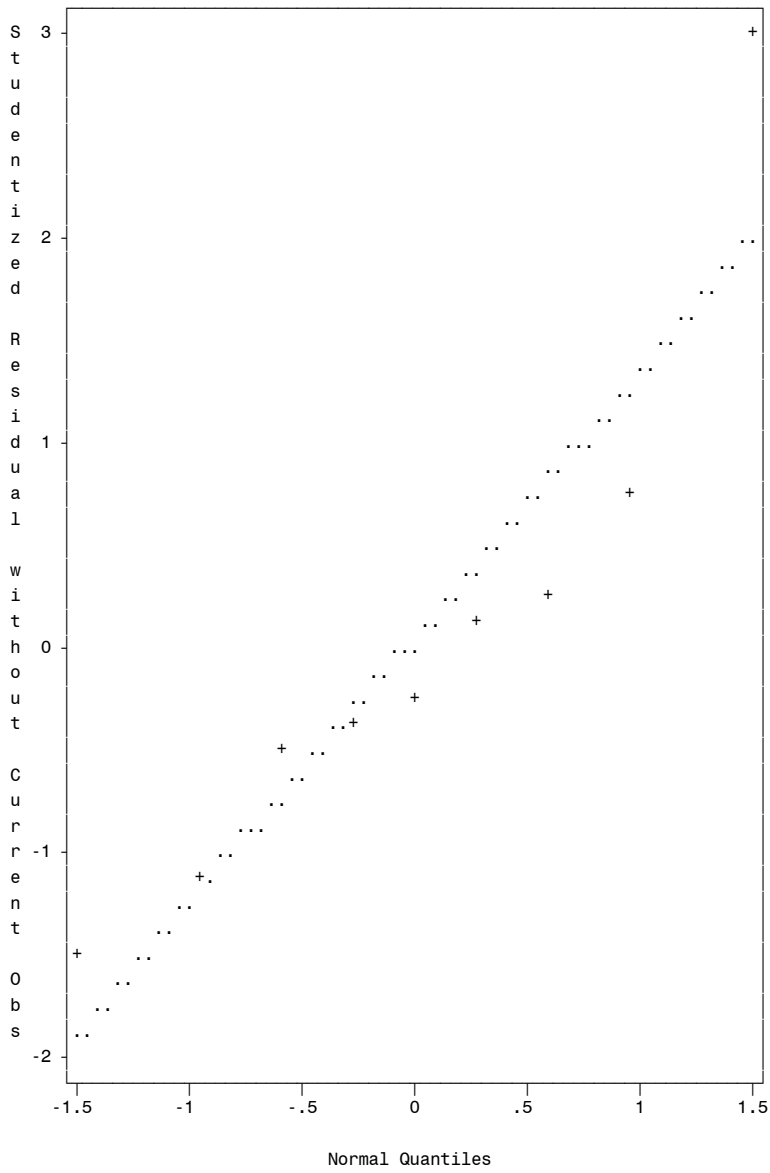
Plot of res*cholest. Legend: A = 1 obs, B = 2 obs, etc.



Plot of \hat{y} vs \hat{x} . Symbol used is '*'.



NOTE: 1 obs hidden.



The REG Procedure
Model: MODEL1
Dependent Variable: calories Calories

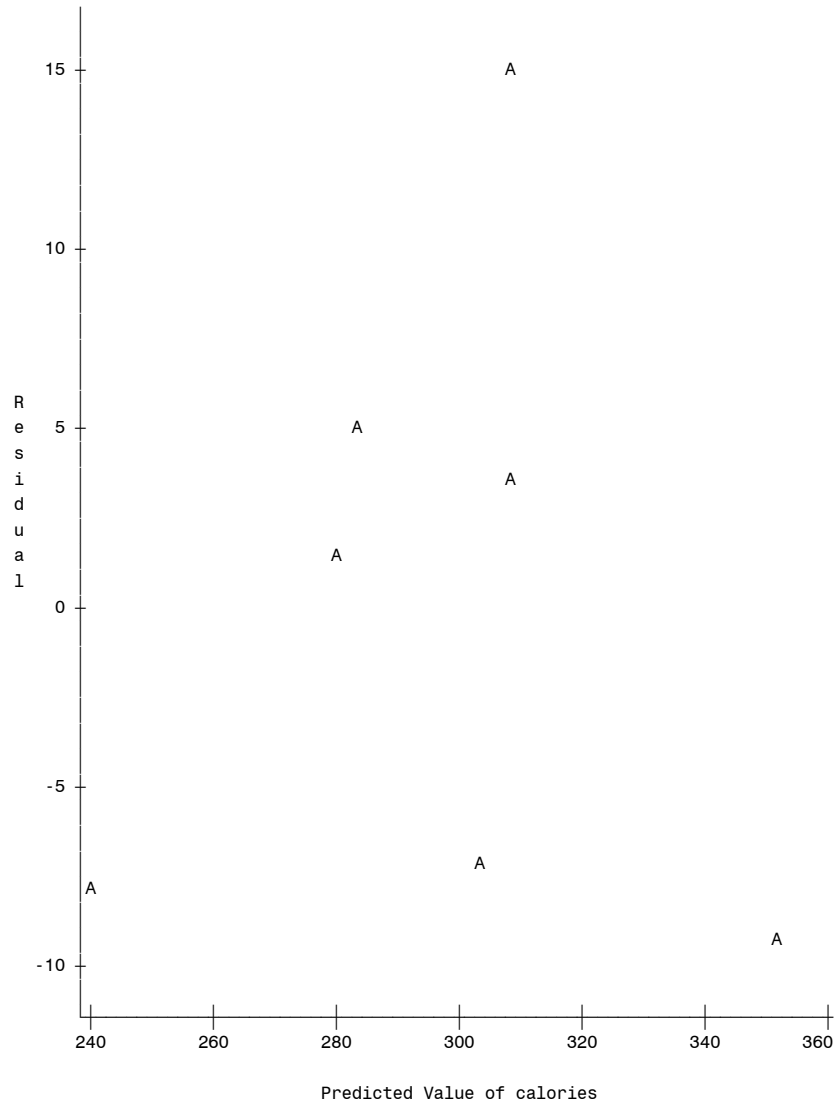
Number of Observations Read	7
Number of Observations Used	7

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	6989.47940	3494.73970	29.98	0.0039
Error	4	466.23488	116.55872		
Corrected Total	6	7455.71429			

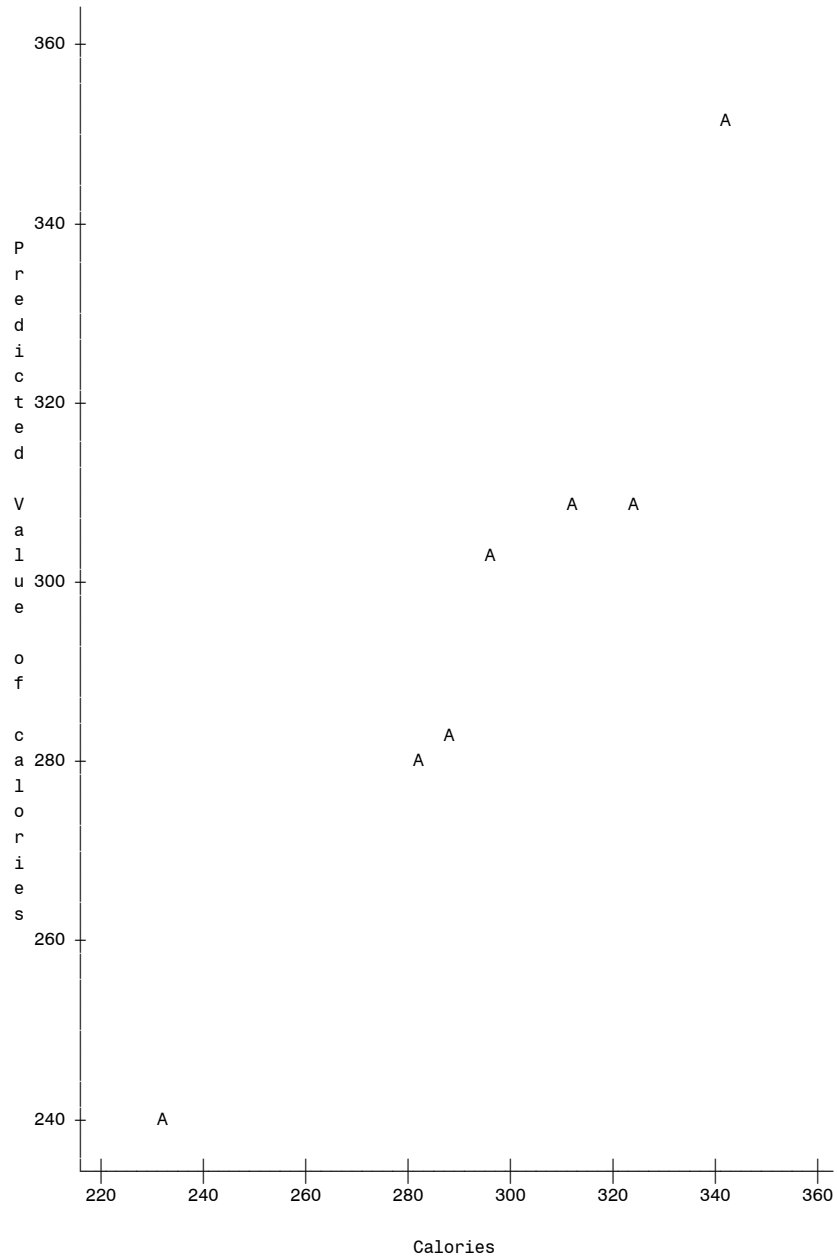
Root MSE	10.79624	R-Square	0.9375
Dependent Mean	296.42857	Adj R-Sq	0.9062
Coeff Var	3.64210		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	171.70512	34.05600	5.04	0.0073
fat	Total Fat (g)	1	22.67901	10.59196	2.14	0.0990
cholest	Cholesterol (mg)	1	0.90948	0.73557	1.24	0.2839

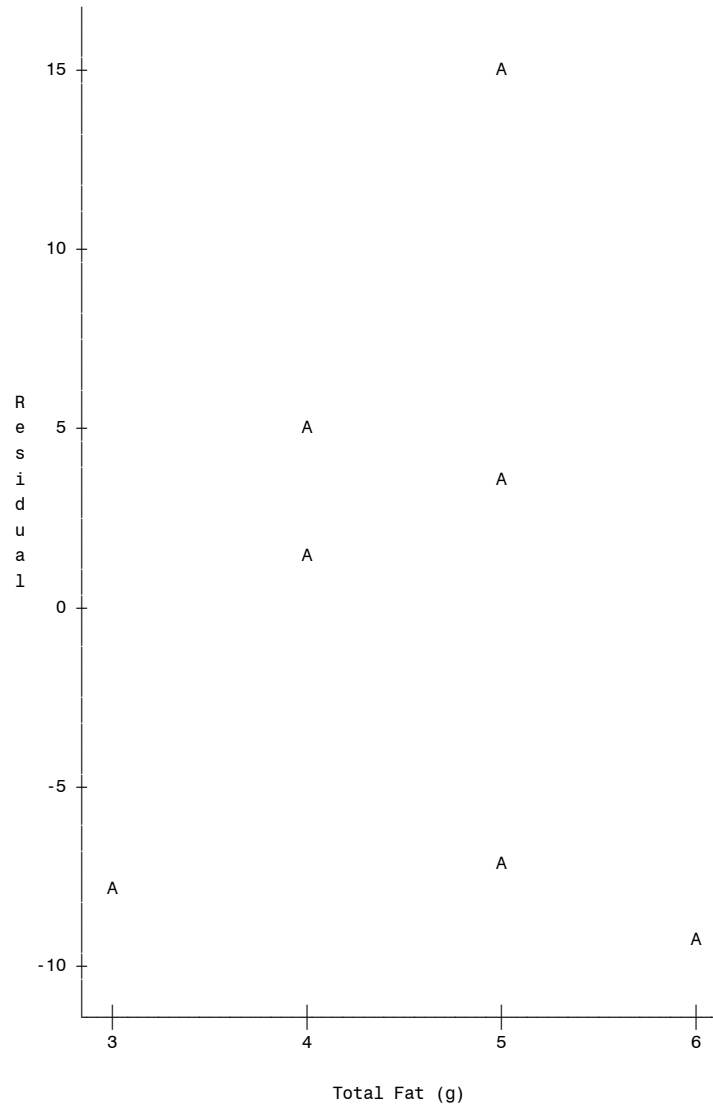
Plot of res*pred. Legend: A = 1 obs, B = 2 obs, etc.



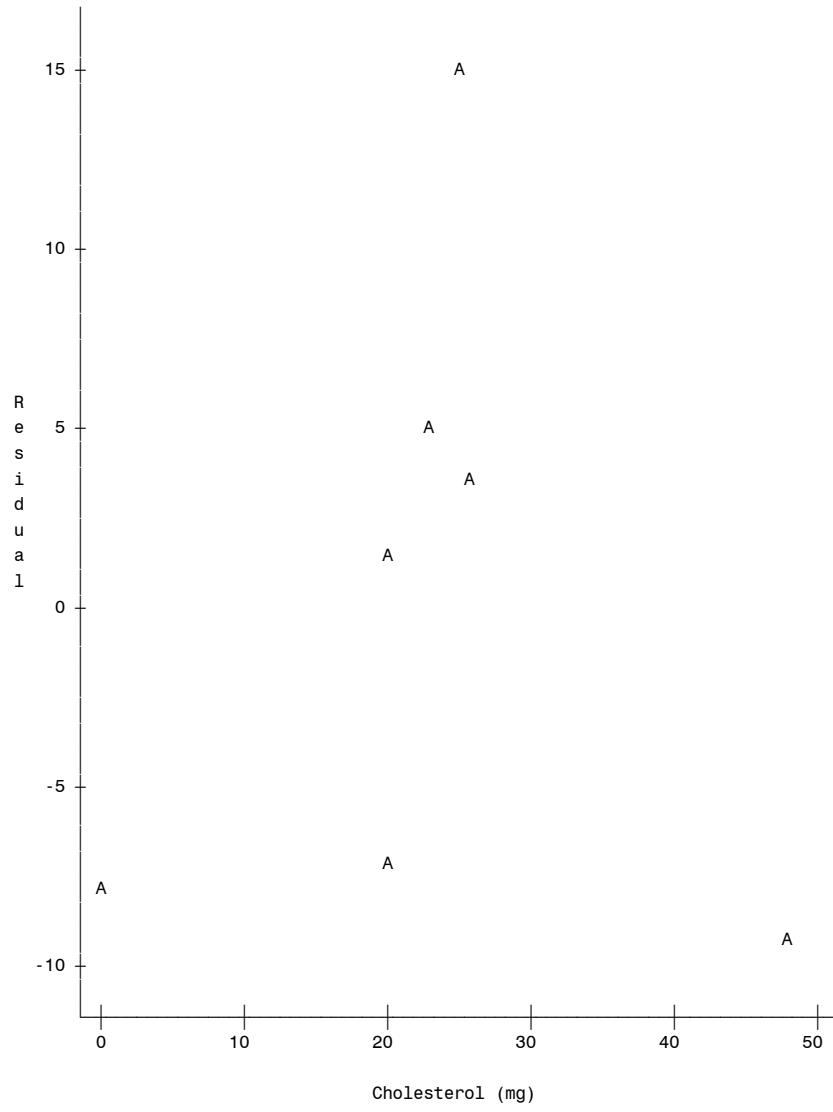
Plot of pred*calories. Legend: A = 1 obs, B = 2 obs, etc.



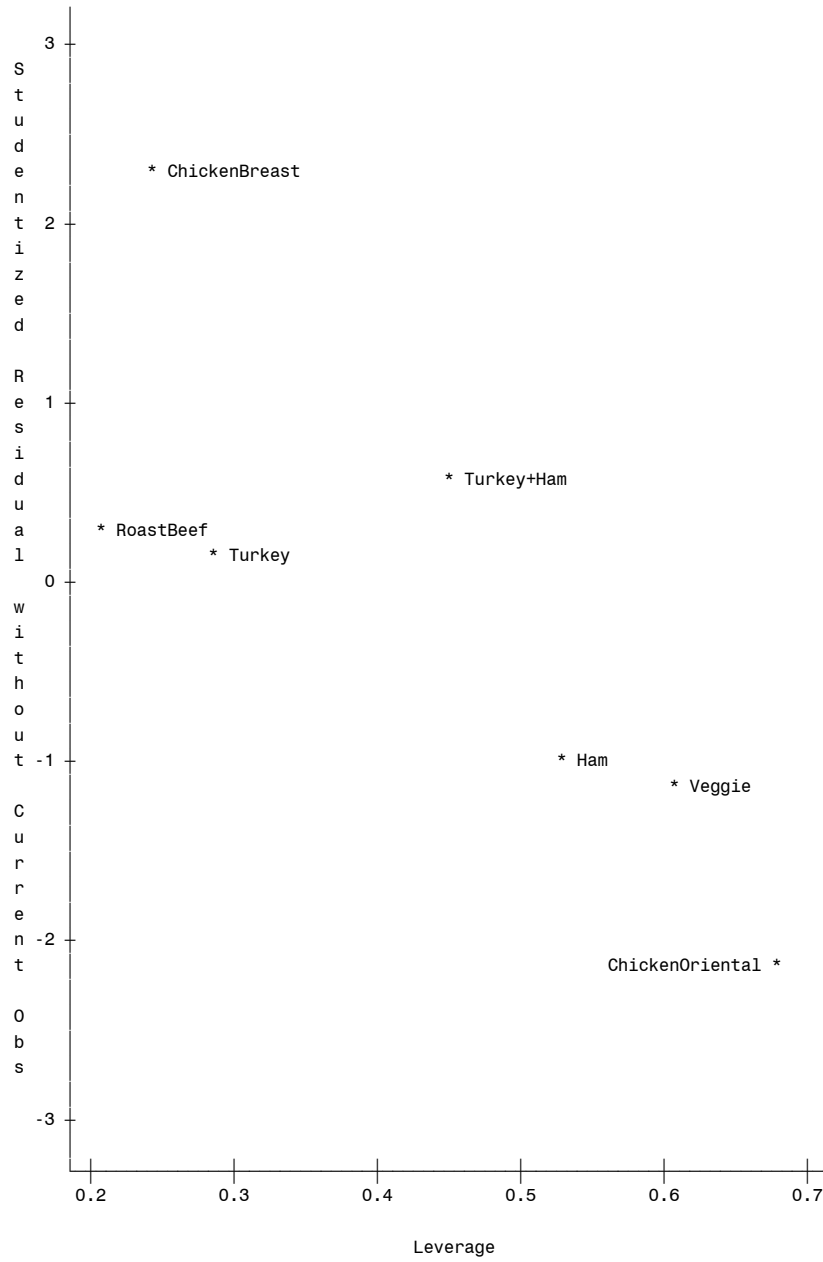
Plot of res*fat. Legend: A = 1 obs, B = 2 obs, etc.

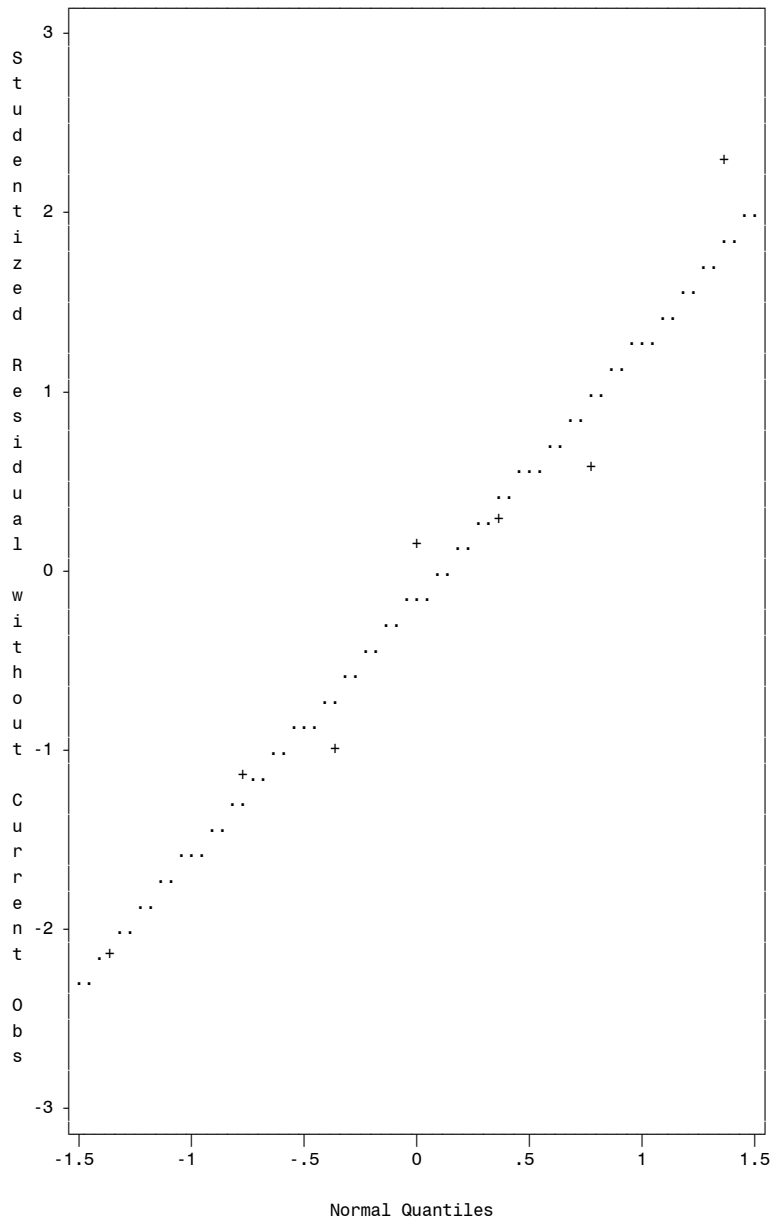


Plot of res*cholest. Legend: A = 1 obs, B = 2 obs, etc.



Plot of $\hat{j}kres$ vs $\hat{j}kname$. Symbol used is '*'.





Normal Line: ... Mu=-0.143, Sigma=1.4534

Obs	name	sandwich	fat	cholest	calories	group
1	Veggie	1	3	0	232.00	1
2	Turkey	2	4	20	282.00	1
3	Turkey+Ham	3	4	23	288.00	1
4	Ham	4	5	20	296.00	1
5	RoastBeef	5	5	26	312.00	1
6	ChickenBreast	6	5	25	323.00	1
7	ChickenOriental	7	6	48	342.00	1
8		.	2	0	217.04	2
9		.	2	5	221.59	2
10		.	2	10	226.13	2
11		.	2	15	230.68	2
12		.	2	20	235.22	2
13		.	2	25	239.77	2
14		.	2	30	244.31	2
15		.	2	35	248.86	2
16		.	2	40	253.40	2
17		.	2	45	257.95	2
18		.	2	50	262.49	2
19		.	3	0	239.71	2
20		.	3	5	244.26	2
21		.	3	10	248.80	2
22		.	3	15	253.35	2
23		.	3	20	257.89	2
24		.	3	25	262.44	2
25		.	3	30	266.98	2
26		.	3	35	271.53	2
27		.	3	40	276.07	2
28		.	3	45	280.62	2
29		.	3	50	285.16	2
30		.	4	0	262.38	2
31		.	4	5	266.93	2
32		.	4	10	271.47	2
33		.	4	15	276.02	2
34		.	4	20	280.56	2

Obs	name	sandwich	fat	cholest	calories	group
35		.	4	25	285.11	2
36		.	4	30	289.65	2
37		.	4	35	294.20	2
38		.	4	40	298.74	2
39		.	4	45	303.29	2
40		.	4	50	307.83	2
41		.	5	0	285.05	2
42		.	5	5	289.60	2
43		.	5	10	294.14	2
44		.	5	15	298.69	2
45		.	5	20	303.23	2
46		.	5	25	307.78	2
47		.	5	30	312.32	2
48		.	5	35	316.87	2
49		.	5	40	321.41	2
50		.	5	45	325.96	2
51		.	5	50	330.50	2
52		.	6	0	307.72	2
53		.	6	5	312.27	2
54		.	6	10	316.81	2
55		.	6	15	321.36	2
56		.	6	20	325.90	2
57		.	6	25	330.45	2
58		.	6	30	334.99	2
59		.	6	35	339.54	2
60		.	6	40	344.08	2
61		.	6	45	348.63	2
62		.	6	50	353.17	2