The REG Procedure Model: MODEL1 Dependent Variable: Iny Number of Observations Read 54 Number of Observations Used 54 Analysis of Variance														
Source DF Sum of Squares Square Square Square F Value Pr > F Model 3 8.84323 2.94774 36.10 <.0001														
Dependent Mean 6.30764 Adj R-Sq 0.6652														
The REG Procedure Model: MODEL1 Dependent Variable: Iny Output Statistics Output Statistics Dependent Predicted Mean Obs ID Variable Value Predict Residual Residual Residual Cook's D RStudent H Ratio DFFITS Intercept X1 X2 X3														
1 55 2 56 3 57 4 58 5 59 6 60 7 61 8 62 9 63 10 64 11 65 12 66 13 67 14 68	5.71 5.9349 6.64 6.6227 6.19 6.3387 5.49 5.8775 6.56 6.0179 6.57 6.1636 5.58 5.6879 5.89 5.7395 6.13 6.1595 6.97 6.4646 6.22 6.2762 6.78 6.5379 5.86 5.7611 5.73 6.0729	0.1033 0.0738 0.1042 0.0785 0.0618 0.1072 0.0843 0.0816 0.0588 0.0501 0.0606 0.0565 0.0857 0.0551	-0.2245 0.0198 -0.1504 -0.3885 0.5403 0.4101 -0.1044 0.1494 -0.0283 0.5015 -0.0576 0.2443 0.1026 -0.3460	0.266 0.276 0.266 0.275 0.279 0.265 0.273 0.274 0.280 0.281 0.279 0.280 0.273 0.280	-0.843 0.072 -0.565 -1.414 1.937 1.548 -0.382 0.546 -0.101 1.783 -0.206 0.872 0.376 -1.234	0.027 0.000 0.012 0.041 0.046 0.098 0.003 0.007 0.000 0.025 0.001 0.008 0.004 0.015	-0.8400 0.0710 -0.5616 -1.4288 1.9937 1.5709 -0.3792 0.5417 -0.1001 1.8235 -0.2044 0.8701 0.3731 -1.2408	0.1307 0.0667 0.1330 0.0754 0.0468 0.1406 0.0871 0.0816 0.0423 0.0307 0.0450 0.0390 0.0900 0.0372	1.1778 1.1612 1.2189 0.9960 0.8326 1.0365 1.1738 1.1526 1.1311 0.8601 1.1314 1.0611 1.1780 0.9950	-0.3257 0.0190 -0.2200 -0.4081 0.4419 0.6355 -0.1171 0.1614 -0.0211 0.3245 -0.0444 0.1754 0.1173 -0.2438	-0.0903 0.0015 0.0455 -0.2618 0.2217 -0.0170 -0.0565 0.1167 -0.0013 -0.1352 -0.0026 -0.0077 0.0342 -0.0419	-0.0478 -0.0097 -0.0701 0.1213 -0.0468 0.2713 -0.0217 -0.0714 -0.0092 0.1767 -0.0099 -0.0324 0.0365 -0.1010	0.2726 0.0001 -0.1477 0.3493 -0.3410 -0.4208 0.0851 -0.0119 0.0106 0.1351 0.0252 -0.0235 -0.0121 0.0932	-0.0683 0.0135 0.1408 -0.0462 0.0385 0.1724 0.0456 -0.1159 0.0005 -0.0368 -0.0159 0.1241 -0.0987 0.0857
15 69 16 70 17 71 18 72 19 73 20 74 21 75 22 76 23 77 24 78 25 79	7.11 7.1956 6.23 6.2816 6.04 6.0177 6.28 6.2491 6.80 6.7643 5.24 5.6375 7.27 7.2287 6.70 6.2138 7.04 7.0181 6.35 6.6425 6.38 6.1812	0.1055 0.0617 0.0525 0.1016 0.0617 0.0850 0.1143 0.0501 0.0892 0.0638 0.0444	-0.0833 -0.0511 0.0202 0.0351 0.0403 -0.3958 0.0388 0.4894 0.0242 -0.2951 0.2007	0.266 0.279 0.281 0.267 0.279 0.273 0.262 0.281 0.271 0.279 0.282	-0.314 -0.183 0.072 0.131 0.144 -1.451 0.148 1.740 0.089 -1.060 0.711	0.004 0.000 0.000 0.001 0.000 0.051 0.001 0.024 0.000 0.015 0.003	-0.3108 -0.1814 0.0711 0.1300 0.1430 -1.4674 0.1468 1.7770 0.0884 -1.0609 0.7073	0.1363 0.0466 0.0337 0.1264 0.0466 0.0884 0.1601 0.0308 0.0973 0.0499 0.0241	1.2453 1.1341 1.1215 1.2393 1.1353 1.0014 1.2886 0.8713 1.2003 1.0420 1.0667	-0.1234 -0.0401 0.0133 0.0495 0.0316 -0.4570 0.0641 0.3166 0.0290 -0.2431 0.1112	0.1001 0.0088 0.0099 0.0278 -0.0215 -0.4303 -0.0368 -0.0154 -0.0110 0.1041 0.0200	-0.0627 -0.0269 -0.0066 -0.0421 0.0157 0.3024 0.0147 0.1560 -0.0041 -0.0924 0.0221	-0.1001 0.0097 -0.0068 -0.0136 0.0169 0.2511 0.0077 0.0133 0.0085 0.0186 0.0027	-0.0307 0.0019 -0.0018 0.0207 0.0114 0.1645 0.0568 -0.1362 0.0242 -0.1560 -0.0506
26 80 27 81 28 82 29 83 30 84 31 85 32 86 33 87 34 88 35 89 36 90	6.28 6.1691 6.28 6.4004 5.92 6.3584 5.40 6.0270 6.78 6.7943 6.15 5.7554 6.82 6.9915 6.27 5.9444 6.52 5.9389 6.75 6.7404 6.34 6.5118	0.1215 0.0540 0.0499 0.0499 0.0729 0.0890 0.1070 0.0593 0.0618 0.0958 0.0506	0.1095 -0.1200 -0.4341 -0.6244 -0.0132 0.3974 -0.1748 0.3228 0.5773 0.004850 -0.1679	0.259 0.281 0.281 0.281 0.276 0.272 0.265 0.280 0.279 0.269 0.281	0.423 -0.428 -1.543 -2.219 -0.048 1.464 -0.660 1.155 2.069 0.018 -0.597	0.010 0.002 0.019 0.039 0.000 0.058 0.018 0.015 0.052 0.000	0.4198 -0.4242 -1.5652 -2.3138 -0.0473 1.4809 -0.6560 1.1590 2.1422 0.0178 -0.5932	0.1809 0.0358 0.0305 0.0305 0.0651 0.0971 0.1403 0.0431 0.0467 0.1123 0.0313	1.3047 1.1080 0.9200 0.7386 1.1595 1.0078 1.2178 1.0169 0.7950 1.2213 1.0876	0.1973 -0.0817 -0.2776 -0.4102 -0.0125 0.4855 -0.2650 0.2460 0.4743 0.0063 -0.1066	0.0241 0.0291 0.0257 -0.2409 0.0048 0.4356 0.0571 0.0910 0.2565 0.0001 0.0049	-0.0285 -0.0475 -0.0421 0.0648 0.0007 -0.3950 0.0981 0.0642 -0.0170 -0.0027 0.0184	0.1222 -0.0328 -0.1438 0.2448 -0.0098 -0.1738 -0.1860 -0.1220 -0.3594 -0.0009 0.0056	-0.1273 0.0244 0.1005 0.0709 -0.0026 -0.1262 -0.0901 -0.1110 -0.0544 0.0054 -0.0670
36 90 37 91 38 92 39 93 40 94 41 95 42 96 43 97 44 98 45 99 46 100	6.34 6.5118 5.20 5.8652 6.04 6.2940 5.50 5.9336 6.42 6.4187 5.82 5.7004 6.77 6.7072 6.62 6.2059 6.84 6.6089 6.37 6.3321 5.77 5.9484	0.0506 0.0604 0.0456 0.0661 0.0907 0.0748 0.0738 0.0629 0.0539 0.0600 0.0535	-0.1679 -0.6612 -0.2514 -0.4324 -0.003594 0.1226 0.0670 0.4141 0.2317 0.0361 -0.1832	0.281 0.279 0.282 0.278 0.271 0.276 0.276 0.279 0.281 0.279	-0.597 -2.367 -0.891 -1.555 -0.013 0.445 0.243 1.486 0.826 0.129 -0.653	0.003 0.066 0.005 0.034 0.000 0.004 0.001 0.028 0.006 0.000 0.004	-0.5932 -2.4872 -0.8893 -1.5784 -0.0131 0.4410 0.2405 1.5045 0.8230 0.1279 -0.6489	0.0313 0.0447 0.0255 0.0535 0.1008 0.0686 0.0668 0.0485 0.0356 0.0441 0.0351	1.0876 0.7054 1.0435 0.9394 1.2057 1.1457 1.1563 0.9511 1.0641 1.1326 1.0858	-0.1066 -0.5383 -0.1439 -0.3754 -0.0044 0.1197 0.0643 0.3397 0.1581 0.0275 -0.1237	0.0049 -0.4212 -0.0198 -0.2724 0.0020 0.1057 -0.0020 0.1600 -0.0566 0.0116 -0.0646	0.0184 0.2273 0.0124 0.2143 -0.0033 -0.0638 -0.0302 -0.2058 0.0136 -0.0194 -0.0045	0.0056 0.1761 -0.0524 0.0233 -0.0020 -0.0510 0.0128 0.0879 0.1073 0.0029 0.0482	-0.0670 0.2965 0.0474 0.1945 0.0020 -0.0641 0.0437 -0.0869 0.0186 0.0048 0.0048
46 100 47 101 48 102 49 103 50 104 51 105 52 106 53 107 54 108	5.77 5.9484 7.05 7.1887 6.32 6.2627 6.95 7.0084 6.38 6.3778 6.40 6.4908 6.48 6.3583 5.93 6.0373 6.46 6.1577	0.0535 0.0955 0.0567 0.1513 0.0431 0.0529 0.1131 0.0829 0.0620	-0.1832 -0.1343 0.0527 -0.0605 0.000591 -0.0955 0.1264 -0.1051 0.3069	0.261 0.269 0.280 0.242 0.282 0.281 0.262 0.273 0.279	-0.653 -0.499 0.188 -0.249 0.002 -0.340 0.482 -0.384 1.100	0.004 0.008 0.000 0.006 0.000 0.001 0.011 0.003 0.015	-0.4948 0.1863 -0.2471 0.002072 -0.3371 0.4778 -0.3809 1.1024	0.0331 0.1117 0.0394 0.2805 0.0228 0.0343 0.1566 0.0842 0.0470	1.1964 1.1254 1.4994 1.1094 1.1123 1.2618 1.1700 1.0315	-0.1257 -0.1755 0.0377 -0.1543 0.0003 -0.0635 0.2059 -0.1155 0.2449	-0.0646 0.1041 0.0193 0.1168 -0.0000 -0.0060 -0.0581 0.0075 0.1470	-0.0045 -0.0086 -0.0268 -0.1442 -0.0000 0.0248 0.0910 -0.0786 -0.1756	-0.1090 -0.0001 -0.0293 0.0001 0.0007 0.1338 0.0386 0.0141	-0.1153 0.0042 -0.0251 -0.0000 -0.0369 -0.1315 0.0395 -0.0375
Studentized Residuals and Cook's D for Iny Studentized Residuals Cook's D Obs ID														
8 62 9 63 10 64 11 65 12 66 13 67 14 68 15 69 16 70 17 71 18 72 19 73 20 74 21 75 22 76 23 77 24 78 25 79 26 80 27 81 28 82 29 83 30 84 31 85 32 86 33 87				0.546 -0.101 1.783 -0.206 0.872 0.376 -1.234 -0.314 -0.183 0.072 0.131 0.144 -1.451							0.007 0.000 0.025 0.001 0.008 0.004 0.015 0.004 0.000 0.000 0.000 0.000 0.000 0.000			
				0.0 1.3 0.0 -1.0 0.3 -0.4 -0.6 1.4 -0.6				148 740 089 060 711 1 423 428 543 219 048 464 660 155			0.001 0.024 0.000 0.015 0.003 0.010 0.002 0.019 0.039 0.000 0.058 0.018 0.015			
	34 88 35 89 36 90 37 91 38 92 39 93 40 94 41 95 42 96 43 97 44 98 45 99						2.0 0.0 -0.9 -2.3 -0.8 -1.9 -0.0 0.4 0.2 0.8 0.1	069			0.00 0.00 0.00 0.00 0.00 0.00 0.00	52 00 03 66 05 84 00 04 01 28 06		
	46 100 47 101 48 102 49 103 50 104 51 105 52 106 53 107 54 108		 Studentia				-0.4 -0.3 -0.3 -0.3 1.1			74	0.00 0.00 0.00 0.00 0.00 0.00	08 00 06 00 01 11		
Sum of Residuals Sum of Squared Residuals 4.08229 Predicted Residual SS (PRESS) 4.58007 Observed by Predicted for Iny														
6.5 - 88 ° ° 106 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °														
5.5 - 00 83 5.5 6.0 6.5 7.0 Predicted Value														
Cook's D for Iny 0.10 - 60 0.08 - 0.04 - 0.02 - 0.00														
Outlier and Leverage Diagnostics for Iny 888 2 800 0 0 0 0 0 0 0 0 0 0 0 0 0 0														
	1 - 00													
O.05 0.10 0.15 0.20 0.25 Leverage Outlier o Leverage o Outlier and Leverage Fit Diagnostics for Iny 0.50 - 0.25 - 1 - 0.25														
	5.5 6.0 6.5 7.0 Fredicted Value Predicted Value Leverage													
0.00 - 2 -1 0 1 2 5.5 6.0 6.5 7.0 0 10 20 30 40 50 Observation Fit-Mean Residual 1.0 - 6 Obs 54 Parms 4 FDF 50 MSF 0.0816														
20 - 0.5 - 0.0 - 0.5 - 0.0 - 0.5 - 0.0 - 0.5 - 0.0 - 0.5 - 0.0 - 0.5 - 0.0 - 0.4 0.8 0.0 0.4 0.8 Residual Proportion Less Influence Diagnostics for Iny R. Square 0.6842 Adj R. Sq 0.6652 SSE 4.0823 Dep Mean 6.3076 CoefVar 4.53 AIC -131.4 BIC -128.8 CP 4 GMSEP 0.0882 JP 0.0877 PC 0.3664 SBC -123.5 SP 0.0017														
	0.50 - 0.250.250.50 -	0	10		20	Obse	30 rvation		40		50			
	0.4 - 0.2 - 0			Influercept 85	uence D		tics for I		X1					
	0.0	58	20	30 X2	40	50	0 1	0 20	X3	91				
	-0.2 -0.4 0	59 60 10	20	30 Resi	40	50 Observa	ation	0 20	3	0 4	0 50			

0.50 -

0.25

-0.50 -

0.50 -

0.25 -

-0.50 —

40

60

80

ХЗ

-0.25

-0.25

О

10

120

100

X1

20

° °

60

Х2

80

100