

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X29	1	86.415229	3.551143	24.335	0.0001	1.015148
SITE_X30	1	78.933622	3.726530	21.182	0.0001	1.029487
SITE_X31	1	78.321176	3.635051	20.422	0.0001	1.014127
SITE_X32	1	79.487321	4.161862	19.099	0.0001	1.046408
SITE_X33	1	90.224172	3.181043	28.363	0.0001	1.021407
SITE_X34	1	85.548672	2.634275	32.475	0.0001	1.126915
SITE_X35	1	85.798557	4.019701	21.345	0.0001	1.032370
SITE_X36	1	87.791913	3.325801	26.397	0.0001	1.059677
SITE_X37	1	93.893801	8.826393	10.638	0.0001	1.020279
SITE_X38	1	90.596984	5.707828	15.872	0.0001	1.036562
SITE_X39	1	75.773145	4.589901	16.509	0.0001	1.024829
SITE_X40	1	85.107899	3.206360	26.543	0.0001	1.010489
SITE_X41	1	96.127986	2.947205	32.617	0.0001	1.053085
SITE_X42	1	91.805822	3.905935	23.504	0.0001	1.029254
SITE_X43	1	85.473776	2.973412	28.746	0.0001	1.043077
SITE_X44	1	83.842593	3.334521	25.144	0.0001	1.012471
SITE_X45	1	84.182170	4.063099	20.719	0.0001	1.001834
SITE_X46	1	82.226211	2.827357	29.082	0.0001	1.015764
SITE_X47	0					
SITE_X48	1	84.822952	2.846022	29.804	0.0001	1.002717
SITE_X49	1	85.823264	3.522698	24.363	0.0001	1.022155
SITE_X50	1	76.666760	2.822900	27.159	0.0001	1.019156
SITE_X51	1	93.051682	2.981195	31.036	0.0001	1.027370
SITE_X52	1	81.968475	3.242196	25.282	0.0001	1.033774
SITE_X53	1	81.651350	3.594594	22.715	0.0001	1.041364
SITE_X54	1	87.375847	3.699904	23.616	0.0001	1.010762
SITE_X55	1	88.260943	3.164076	27.895	0.0001	1.149649
SITE_X56	1	78.784759	5.218352	15.098	0.0001	1.066175
SITE_X57	1	89.604781	3.504007	25.572	0.0001	1.017925
SITE_X58	1	81.914658	3.404743	24.059	0.0001	1.018440
SITE_X59	1	76.205997	3.667046	20.781	0.0001	1.079719
SITE_X60	1	80.823430	3.809103	21.218	0.0001	1.027420
SITE_X61	1	72.793592	5.896742	12.345	0.0001	1.008642
SITE_X62	1	86.237169	3.453920	24.968	0.0001	1.038484
SITE_X63	1	79.032115	3.261705	24.230	0.0001	1.042759
SITE_X64	1	81.151690	4.345154	18.676	0.0001	1.019328
BLOOD_PB	1	0.047388	0.070399	0.673	0.5012	1.405033
AGE_Y	1	0.153864	0.081094	1.897	0.0584	1.233174
AGE_Y2	1	-0.00243629	0.014581	-0.167	0.8673	1.124150
BODYMASS	1	11316.703	1199.682	9.435	0.0001	1.130697
SERM_ALB	1	3.896178	1.763672	2.209	0.0276	1.320330
N_VIT_C	1	0.003481431	0.00500559	0.696	0.4866	1.465198
N_RIBOFL	1	-0.906853	0.462208	-1.962	0.0503	1.623069
N_OLEC_A	1	-0.015705	0.026402	-0.595	0.5522	1.507727
S_VIT_C	1	-2.273942	1.084160	-2.097	0.0365	1.681901

TEH 0351105

N36729

RERUN OF PIRKLE ANALYSES--MODEL 4S-DI_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

TEH 0351106

DUP050299700

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
DI_BLD_S	572208263.00000000	84.62250846	49358001723.00000000	1696201.34843540	1302.38294999
L_BLD_PB	-28737.98024513	-0.00424999	955521.68744960	1730.79628857	41.60283991
AGE_Y	722550.00904161	0.10685619	232764044.44168979	421534.12228517	649.25659202
AGE_SQ	232764044.44168979	34.42291661	14573218916.24554600	11885510.18954279	3447.53682932
BODYMASS	-40.15414776	-0.00000594	0.97508188	0.00176602	0.04202405
SERH_ALB	-2386.62251523	-0.00035295	526706.76759349	954.17740078	30.88976207
N_VIT_C	-5129843.22493590	-0.75864022	72711583408.73593000	131716832.79592472	11476.79540621
N_RIBOFL	-27259.28826450	-0.00403131	9427310.51052298	17078.26199250	130.68382453
N_OLEC_A	-5134641.69344273	-0.75934985	2687916393.53315510	4862350.36978284	2205.07377876
S_VIT_C	170142.49906408	0.02516197	1779838.86603356	3216.59011992	56.71499026

TEH 0351107

REUN OF PIRKLE ANALYSES--MODEL 4L-DI_BLD_S DEPENDENT W LEAD WT

DEP VARIABLE: DI_BLD_S

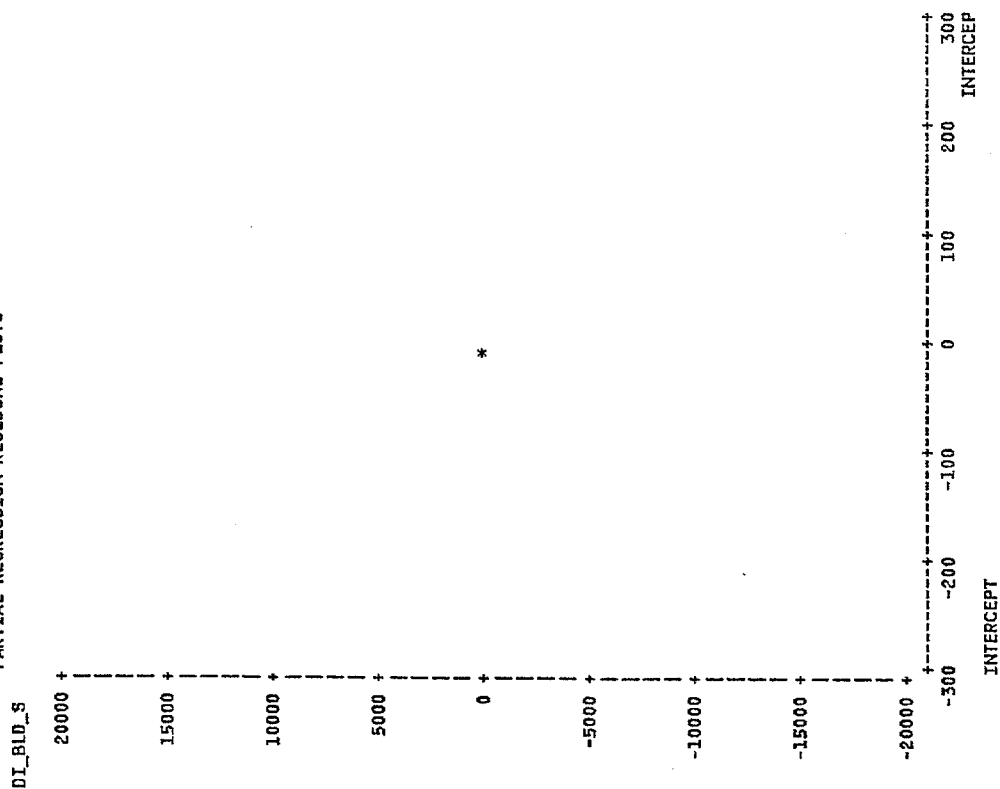
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	9	165809428	18423270	12.984	0.0001
ERROR	543	770493716	1418957		
C TOTAL	552	936303144			
ROOT MSE		1191.200	R-SQUARE	0.1771	
DEP MEAN		84.622508	ADJ R-SQ	0.1635	
C.V.		1407.663			

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
INTERCEP	1	84.812955	0.684739	123.862	0.0001	0.000000
L_BLD_PB	1	3.961208	1.238120	3.199	0.0015	1.032146
AGE_Y	1	0.185477	0.080239	2.312	0.0212	1.055785
AGE_SQ	1	-0.00329123	0.014816	-0.222	0.8243	1.015025
BODYMASS	1	11488.620	1215.798	9.449	0.0001	1.015519
SERM_ALB	1	4.302465	1.678850	2.563	0.0107	1.046219
N_VIT_C	1	0.00866563	0.004875019	1.203	0.2294	1.217765
N_RIBOFL	1	-0.611016	0.450268	-1.357	0.1753	1.346985
N_OLEC_A	1	-0.021864	0.026658	-0.820	0.4125	1.344194
S_VIT_C	1	-0.994036	0.976717	-1.018	0.3093	1.193722

TEH 0351108

RERUN OF PIRKLE ANALYSES--MODEL 4L-DI_BLD_S DEPENDENT W LEAD WT

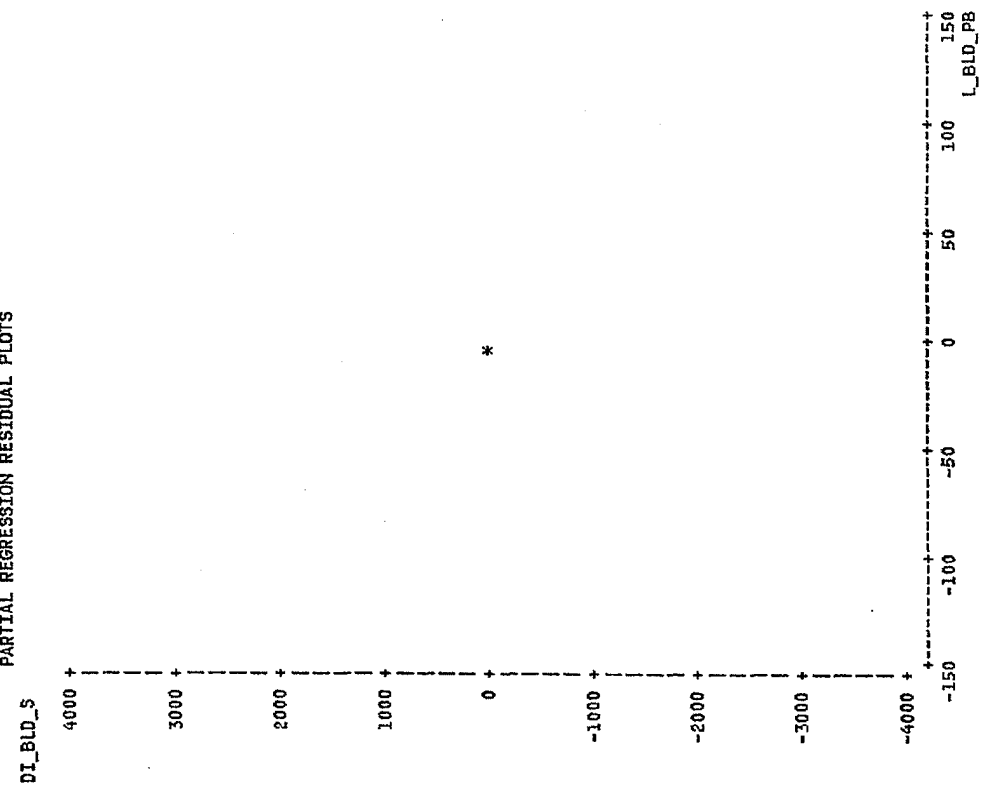
PARTIAL REGRESSION RESIDUAL PLOTS



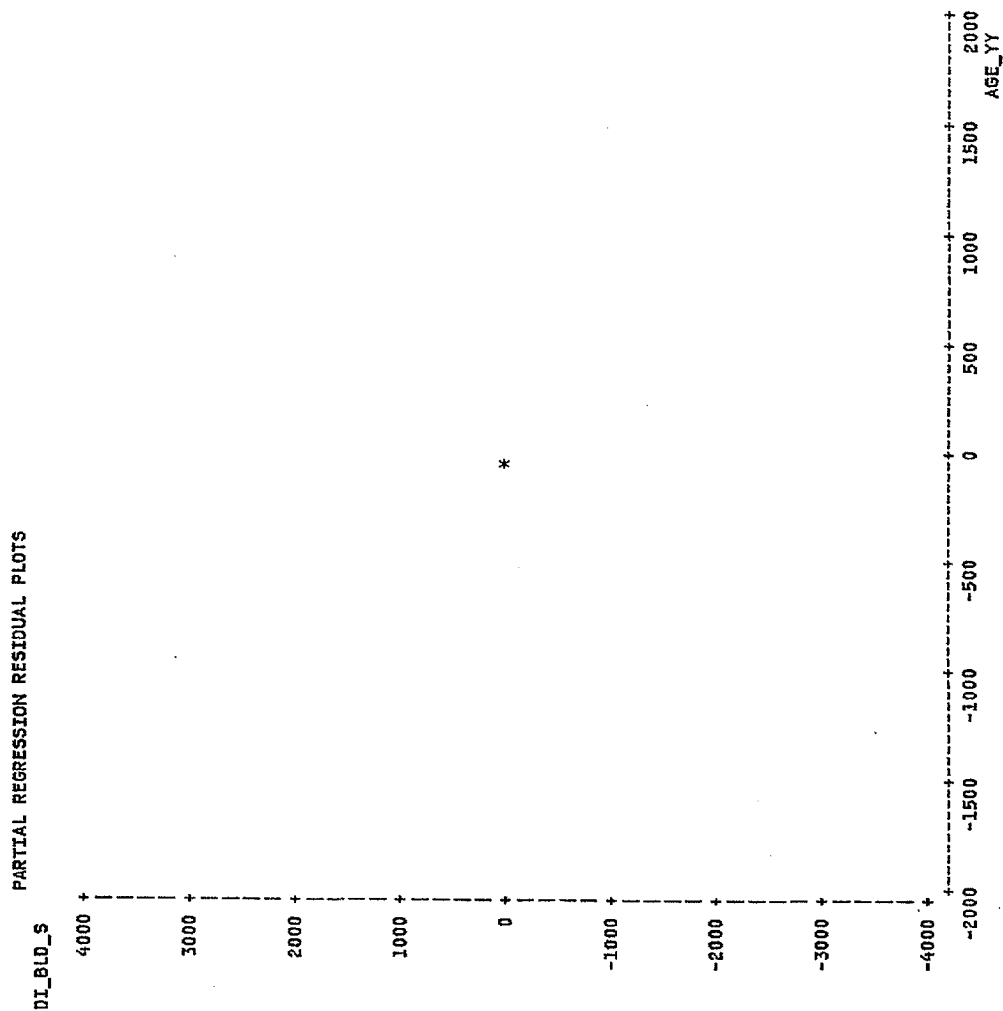
TEH 0351109

RERUN OF PIRKLE ANALYSES--MODEL 4L-DI_BLD_S DEPENDENT W LEAD WT

PARTIAL REGRESSION RESIDUAL PLOTS

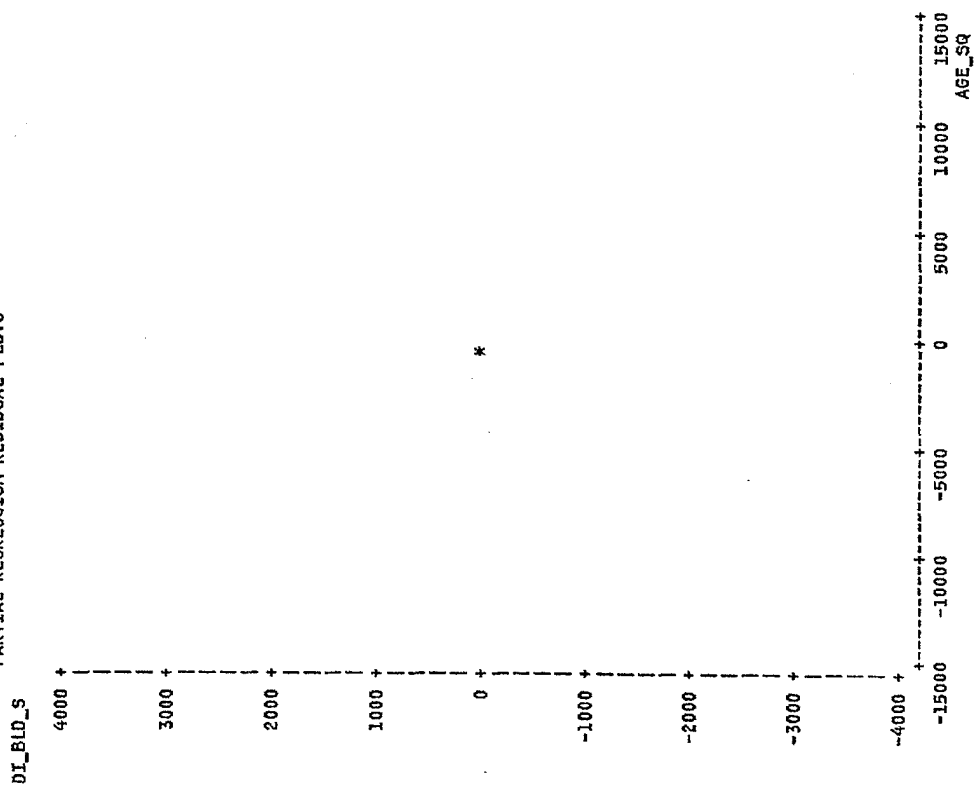


TEH 0351110



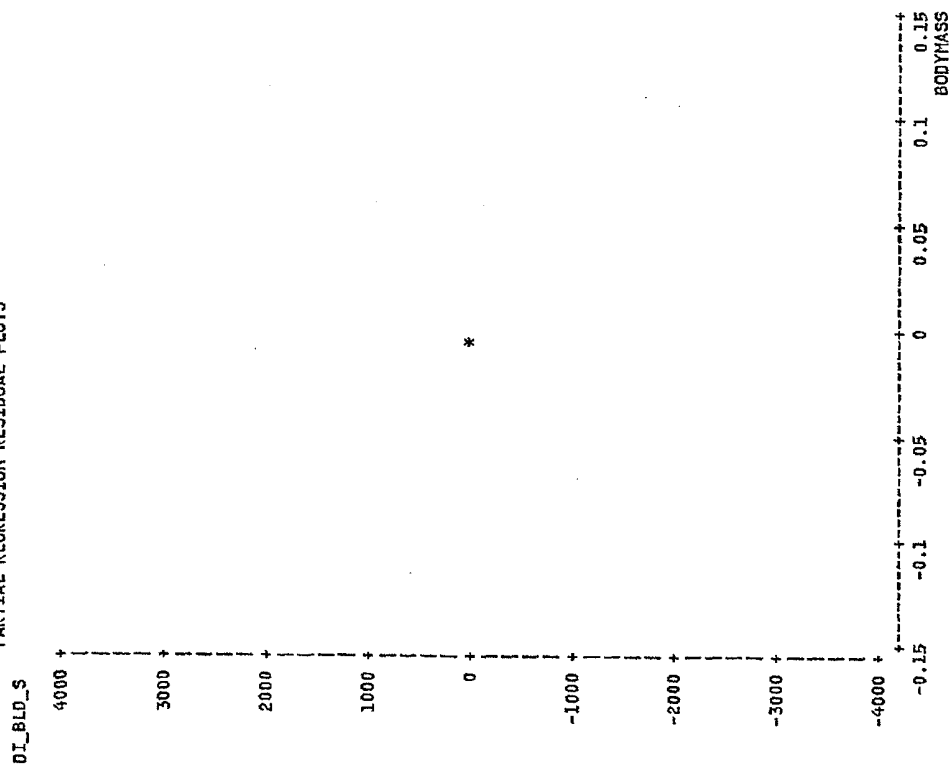
TEH 0351111

PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351112

PARTIAL REGRESSION RESIDUAL PLOTS

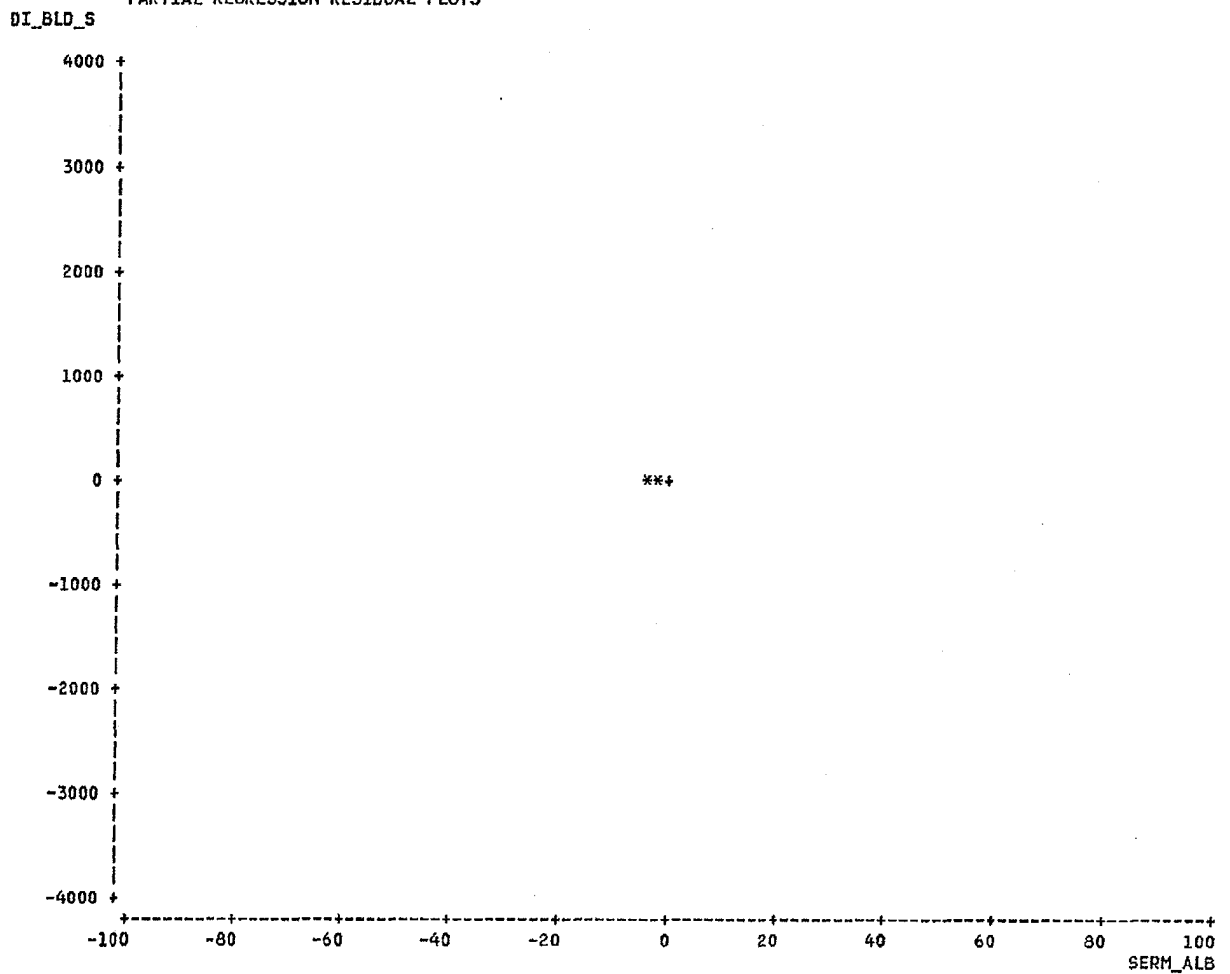


TEH 0351113

RERUN OF PIRKLE ANALYSES--MODEL 4L-DI_BLD_S DEPENDENT W LEAD WT

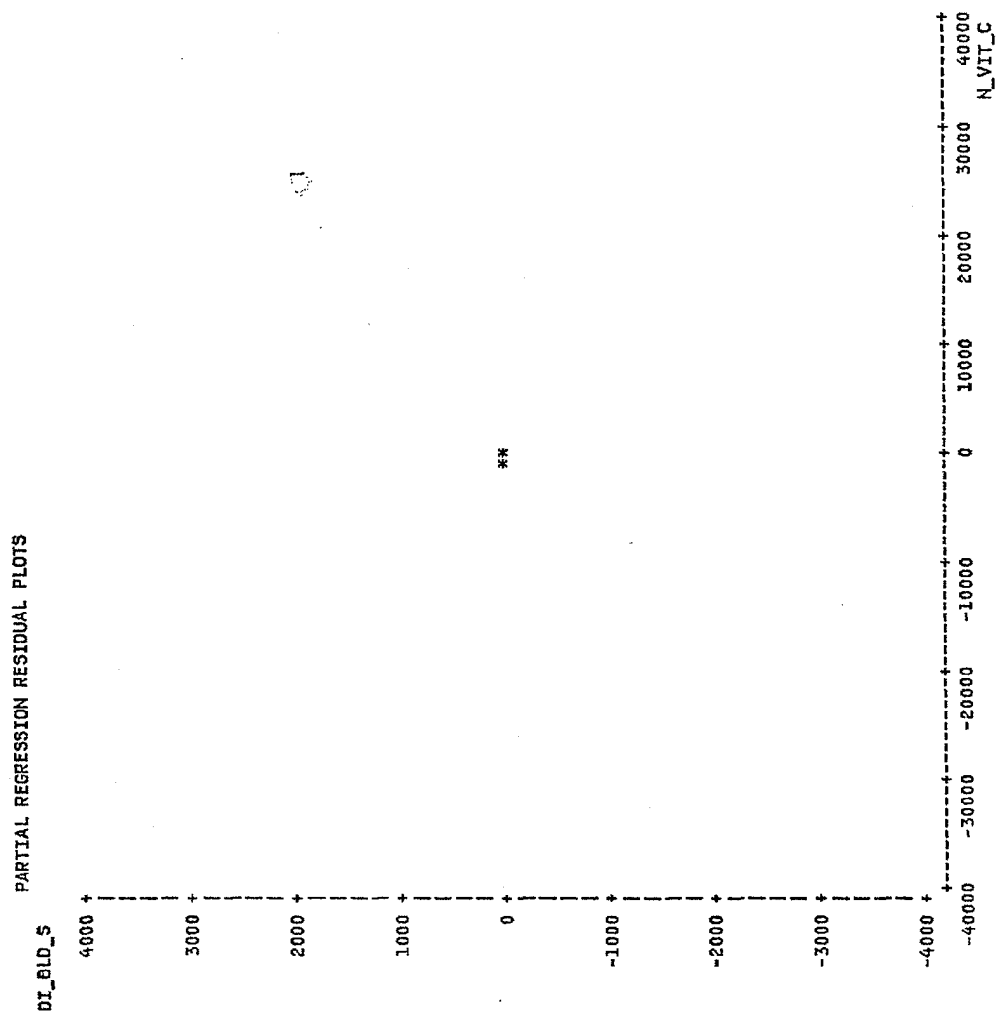
10:56 FRIDAY, MAY 3, 1980

PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351114

DUP050299708



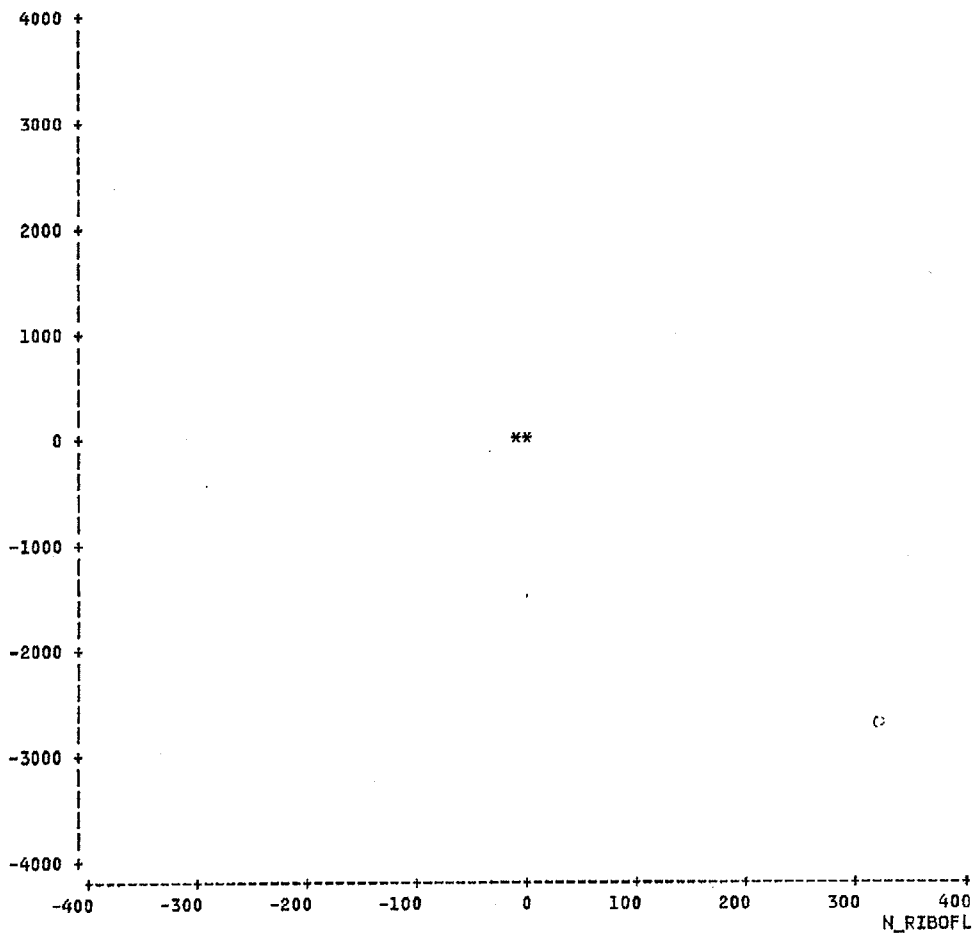
TEH 0351115

RERUN OF PIRKLE ANALYSES--MODEL 4L-DI_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

PARTIAL REGRESSION RESIDUAL PLOTS

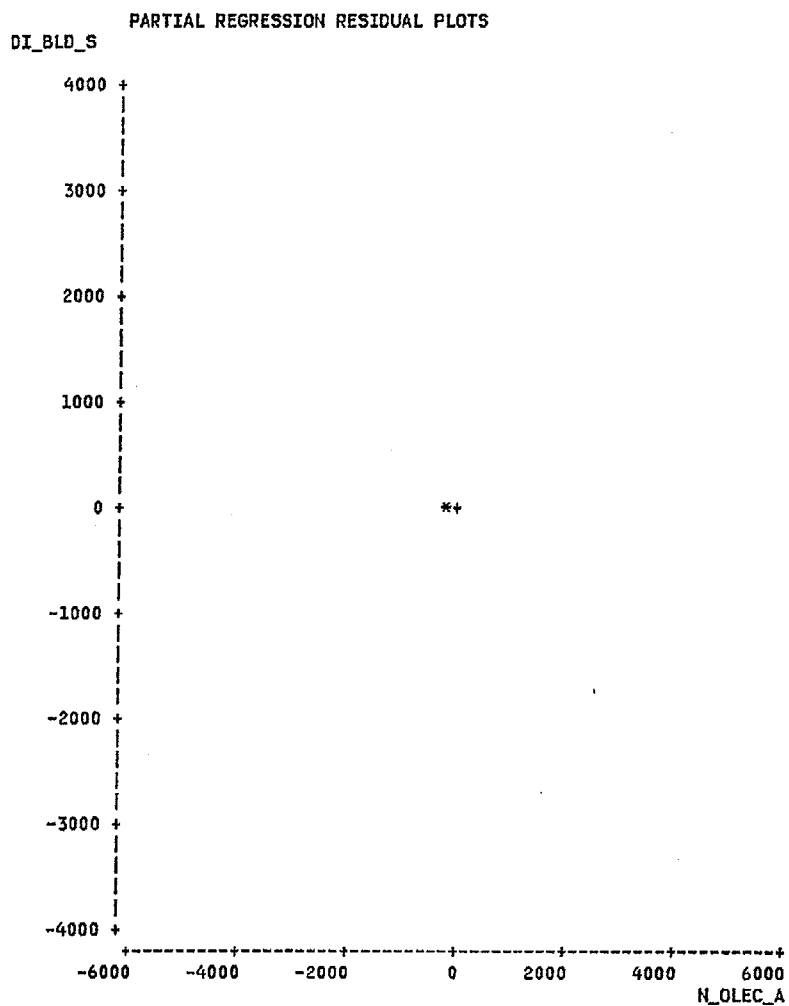
DI_BLD_S



TEH 0351116

RERUN OF PIRKLE ANALYSES--MODEL 4L-DI_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,



TEH 0351117

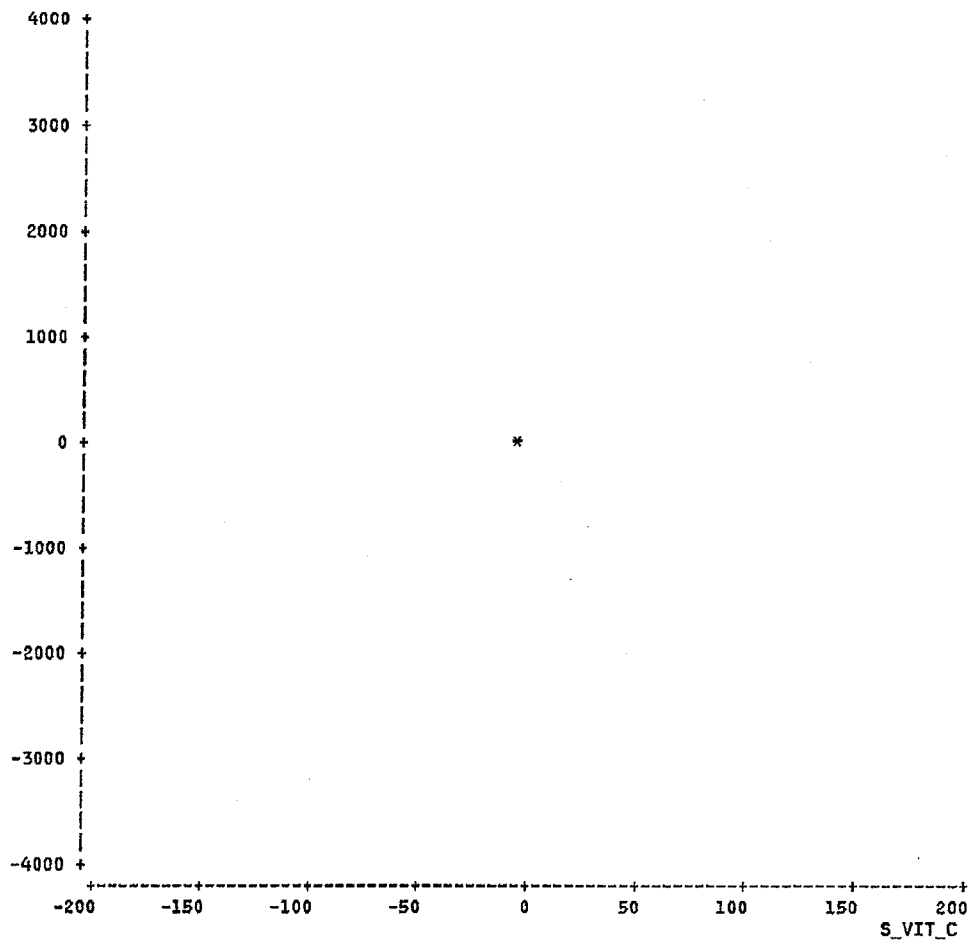
DUP050299711

RERUN OF PIRKLE ANALYSES--MODEL 4L-DI_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

PARTIAL REGRESSION RESIDUAL PLOTS

DI_BLD_S



TEH 0351118

DUP050299712

RERUN OF PIRKLE ANALYSES--MODEL 4L-DI_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

TEH 0351119

DUP050299713

RERUN OF PIRKLE ANALYSES-MODEL 4LS-DI_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3, 1980

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DE
DI_BLD_S	572208263.00000000	84.62250846	49358001723.00000000	1696201.34843540	1302.3
SITE_X1	90590.00000000	0.01339714	90590.00000000	161.91368346	12.7
SITE_X2	57968.00000000	0.00857275	57968.00000000	104.11422991	10.2
SITE_X3	28477.00000000	0.00421140	28477.00000000	51.37150742	7.1
SITE_X4	19295.00000000	0.00285349	19295.00000000	34.85496718	5.9
SITE_X5	13213.00000000	0.00195404	13213.00000000	23.88982117	4.8
SITE_X6	145843.00000000	0.02156837	145843.00000000	258.50978980	16.0
SITE_X7	105543.00000000	0.01560850	105543.00000000	188.21672454	13.7
SITE_X8	107695.00000000	0.01592676	107695.00000000	191.99233347	13.8
SITE_X9	122717.00000000	0.01814832	122717.00000000	218.27879030	14.7
SITE_X10	84985.00000000	0.01256823	84985.00000000	152.02334991	12.3
SITE_X11	157793.00000000	0.02333563	157793.00000000	279.18623399	16.7
SITE_X12	130350.00000000	0.01927715	130350.00000000	231.58917323	15.2
SITE_X13	82389.00000000	0.01218431	82389.00000000	147.43686004	12.1
SITE_X14	74152.00000000	0.01096616	74152.00000000	132.86021230	11.5
SITE_X15	230010.00000000	0.03401563	230010.00000000	402.51098823	20.0
SITE_X16	84620.00000000	0.01251425	84620.00000000	151.37870336	12.3
SITE_X17	147253.00000000	0.02177689	147253.00000000	260.95341874	16.1
SITE_X18	114495.00000000	0.01693239	114495.00000000	203.90638746	14.2
SITE_X19	240728.00000000	0.03560069	240728.00000000	420.57593812	20.5
SITE_X20	59908.00000000	0.00885965	59908.00000000	107.56745662	10.3
SITE_X21	161823.00000000	0.02393162	161823.00000000	286.14187350	16.9
SITE_X22	80359.00000000	0.01188410	80359.00000000	143.84783626	11.9
SITE_X23	113592.00000000	0.01679885	113592.00000000	202.32569781	14.2
SITE_X24	102649.00000000	0.01518051	102649.00000000	183.13539015	13.5
SITE_X25	105235.00000000	0.01556295	105235.00000000	187.67614630	13.6
SITE_X26	115431.00000000	0.01707081	115431.00000000	205.54438203	14.3

TEH 0351120

RERUN OF PIRKLE ANALYSES-MODEL 4LS-DI_BLD.S DEPENDENT W LEAD WT				10:56 FRIDAY, MAY 3, 1985	55
192219.00000000				338.32396296	18.39358483
0.02842681					
SITE_X27	192219.00000000	0.02842681	91331.00000000	163.21995926	12.77575670
SITE_X28	91331.00000000	0.01350672	101409.00000000	180.95680370	13.45201857
SITE_X29	101409.00000000	0.01499713	93275.00000000	166.64555161	12.90912668
SITE_X30	93275.00000000	0.01379422	86671.00000000	155.00016069	12.44990605
SITE_X31	86671.00000000	0.01281757	75813.00000000	135.80253549	11.65343449
SITE_X32	75813.00000000	0.01121180	127661.00000000	226.90367173	15.06332207
SITE_X33	127661.00000000	0.01887948	207899.00000000	365.04891826	19.10625338
SITE_X34	207899.00000000	0.03074568	80233.00000000	143.62499649	11.98436467
SITE_X35	80233.00000000	0.01186547	121045.00000000	215.35899784	14.67511492
SITE_X36	121045.00000000	0.01790105	16290.00000000	29.43977525	5.42584328
SITE_X37	16290.00000000	0.00240909	39713.00000000	71.52131006	8.45702726
SITE_X38	39713.00000000	0.00587306	60911.00000000	109.35201960	10.45715160
SITE_X39	60911.00000000	0.00900798	124246.00000000	220.94755243	14.86430464
SITE_X40	124246.00000000	0.01837444	153945.00000000	272.53659850	16.50868252
SITE_X41	153945.00000000	0.02276656	84776.00000000	151.65423226	12.31479729
SITE_X42	84776.00000000	0.01253732	149710.00000000	265.20902666	16.28523953
SITE_X43	149710.00000000	0.02214025	114943.00000000	204.69044343	14.30700680
SITE_X44	114943.00000000	0.01699864	76159.00000000	136.41525963	11.67969433
SITE_X45	76159.00000000	0.01126297	161530.00000000	285.63645906	16.90078279
SITE_X46	161530.00000000	0.02388828	0.00000000	0.00000000	0.00000000
SITE_X47	0.00000000	0.00000000	157269.00000000	278.28118894	16.68176217
SITE_X48	157269.00000000	0.02325814	103802.00000000	185.16038495	13.60736510
SITE_X49	103802.00000000	0.01535103	162608.00000000	287.49574348	16.95569944
SITE_X50	162608.00000000	0.02404771	144923.00000000	256.91479094	16.02856172
SITE_X51	144923.00000000	0.02143232	124316.00000000	221.06970252	14.66841291
SITE_X52	124316.00000000	0.01836480	101530.00000000	181.16942785	13.45991931
SITE_X53	101530.00000000	0.01501503	92896.00000000	165.97786098	12.88323954
SITE_X54	92896.00000000	0.01373817	145629.00000000	258.13681967	16.06669909
SITE_X55	145629.00000000	0.02153672	48937.00000000	88.01238104	9.38149141
SITE_X56	48937.00000000	0.00783718			

TEH 0351121

SITE_X57	104489.00000000	0.01545263	104489.00000000	104489.00000000	186.36661300	10:56 FRIDAY, MAY 3, 1985	56
					13.65161577		
SITE_X58	110832.00000000	0.01639068	110832.00000000	110832.00000000	197.49164544		14.05317208
SITE_X59	101145.00000000	0.01495809	101145.00000000	101145.00000000	180.49286925		13.43476346
SITE_X60	89039.00000000	0.01316776	89039.00000000	89039.00000000	159.17854246		12.61659790
SITE_X61	36188.00000000	0.00535176	36188.00000000	36188.00000000	65.20712071		8.07509261
SITE_X62	109801.00000000	0.01623821	109801.00000000	109801.00000000	195.68483454		13.98873956
SITE_X63	123893.00000000	0.01632224	123893.00000000	123893.00000000	220.33152693		14.84356854
SITE_X64	67703.00000000	0.01001243	67703.00000000	67703.00000000	121.42233361		11.01918026
L_BLD_PB	-28737.98024513	-0.00424999	955521.68744960	1730.79628857			41.60283991
AGE_YY	722550.00904161	0.10685619	232764044.44168979	421534.12228517			649.25659202
AGE_SQ	232764044.44168979	34.48291661	14573218916.24554600	11885510.18954279			3447.53682932
BODYMASS	-40.15414776	-0.00000594	0.97508188	0.00176602			0.04202405
SERN_ALB	-2386.62251523	-0.00035295	526706.76759349	954.17740078			30.88976207
N_VIT_C	-5129843.22493590	-0.75864022	72711583408.73593000	131716832.79592472			11476.79540621
N_RIBOFL	-27259.28826450	-0.00403131	9427310.51052298	17078.26199250			130.66382453
N_OLEC_A	-5134641.69344273	-0.75934985	2687916393.53315510	4862350.36978284			2205.07377876
S_VIT_C	170142.49906408	0.02516197	1779838.86603356	3216.59011992			56.71499026

TEH 0351122

DEP VARIABLE: DI_BID_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	72	48761435910	677242165	546.048	0.0001
ERROR	481	596565813	1240262		
U TOTAL	553	493558001723			
ROOT MSE		1113.670	R-SQUARE	0.9879	
DEP MEAN		84.622508	ADJ R-SQ	0.9861	
C.V.		1316.045			

NOTE: NO INTERCEPT TERM IS USED. R-SQUARE IS REDEFINED.

NOTE: MODEL IS NOT FULL RANK. LEAST SQUARES SOLUTIONS FOR THE PARAMETERS ARE NOT UNIQUE. SOME STATISTICS WILL BE MISLEADING. A REPORTED DF OF 0 OR B MEANS THAT THE ESTIMATE IS BIASED. THE FOLLOWING PARAMETERS HAVE BEEN SET TO 0, SINCE THE VARIABLES ARE A LINEAR COMBINATION OF OTHER VARIABLES AS SHOWN.

SITE_X47=

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X1	1	84.540878	3.776809	22.364	0.0001	1.027920
SITE_X2	1	83.689145	4.688753	17.849	0.0001	1.018710
SITE_X3	1	78.259810	6.640325	11.786	0.0001	1.008154
SITE_X4	1	89.431818	8.077821	11.071	0.0001	1.012229
SITE_X5	1	110.018	9.708471	11.332	0.0001	1.002168
SITE_X6	1	95.443968	2.998943	31.826	0.0001	1.034759
SITE_X7	1	82.087251	3.498079	23.466	0.0001	1.025046
SITE_X8	1	87.714545	3.485399	25.166	0.0001	1.038042
SITE_X9	1	84.761223	3.307072	25.630	0.0001	1.062489
SITE_X10	1	91.512443	3.917672	23.359	0.0001	1.038466
SITE_X11	1	78.012124	2.888073	27.012	0.0001	1.036421
SITE_X12	1	81.585187	3.209125	25.423	0.0001	1.061493
SITE_X13	1	85.244897	3.913977	21.780	0.0001	1.005237
SITE_X14	1	78.671583	4.169856	18.867	0.0001	1.028165
SITE_X15	1	86.539773	2.386075	36.269	0.0001	1.019933
SITE_X16	1	80.420172	3.887031	20.689	0.0001	1.017950
SITE_X17	1	86.481064	2.959917	29.217	0.0001	1.017531
SITE_X18	1	93.935450	3.543115	26.512	0.0001	1.139271
SITE_X19	1	85.362282	2.390253	35.713	0.0001	1.069444
SITE_X20	1	95.828085	4.762562	20.121	0.0001	1.085895
SITE_X21	1	88.035427	2.899926	30.358	0.0001	1.070979
SITE_X22	1	89.152701	3.995923	22.311	0.0001	1.022265
SITE_X23	1	81.099882	3.350581	24.205	0.0001	1.010921
SITE_X24	1	84.511426	3.513438	24.054	0.0001	1.006150
SITE_X25	1	85.976501	3.530949	24.349	0.0001	1.041401
SITE_X26	1	80.116636	3.374111	23.745	0.0001	1.041478
SITE_X27	1	75.025319	2.670643	28.093	0.0001	1.073965
SITE_X28	1	87.451811	3.755148	23.289	0.0001	1.024361

TEH 0351123

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR HO: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X29	1	86.389398	3.550637	24.331	0.0001	1.015344
SITE_X30	1	78.977290	3.724443	21.205	0.0001	1.028826
SITE_X31	1	78.386722	3.636353	20.433	0.0001	1.015301
SITE_X32	1	79.570115	4.163771	19.110	0.0001	1.047870
SITE_X33	1	90.255200	3.177990	28.400	0.0001	1.019935
SITE_X34	1	85.679872	2.647402	32.364	0.0001	1.138719
SITE_X35	1	85.729113	4.018966	21.331	0.0001	1.032467
SITE_X36	1	87.894221	3.331729	26.381	0.0001	1.063967
SITE_X37	1	93.962812	8.825449	10.647	0.0001	1.020549
SITE_X38	1	90.496699	5.709912	15.849	0.0001	1.037815
SITE_X39	1	75.720041	4.588155	16.503	0.0001	1.024540
SITE_X40	1	85.062600	3.206782	26.526	0.0001	1.011239
SITE_X41	1	96.075300	2.946201	32.610	0.0001	1.052871
SITE_X42	1	91.715566	3.909527	23.460	0.0001	1.031641
SITE_X43	1	85.439657	2.973499	28.734	0.0001	1.043638
SITE_X44	1	83.759260	3.337751	25.095	0.0001	1.014919
SITE_X45	1	84.148994	4.062543	20.713	0.0001	1.002039
SITE_X46	1	82.206599	2.825492	29.095	0.0001	1.014910
SITE_X47	0	0	0	0	0	0
SITE_X48	1	84.851539	2.845960	29.815	0.0001	1.003153
SITE_X49	1	85.743875	3.523565	24.334	0.0001	1.023148
SITE_X50	1	76.605153	2.823094	27.135	0.0001	1.019783
SITE_X51	1	92.973682	3.001721	30.973	0.0001	1.030281
SITE_X52	1	81.883431	3.244937	25.234	0.0001	1.036018
SITE_X53	1	81.672943	3.593208	22.730	0.0001	1.041059
SITE_X54	1	87.460057	3.703169	23.618	0.0001	1.013031
SITE_X55	1	88.173206	3.167686	27.835	0.0001	1.152825
SITE_X56	1	78.777563	5.216971	15.100	0.0001	1.066121
SITE_X57	1	89.587129	3.503039	25.574	0.0001	1.017850
SITE_X58	1	81.988217	3.406740	24.066	0.0001	1.020123
SITE_X59	1	76.441308	3.697223	20.675	0.0001	1.098088
SITE_X60	1	80.791785	3.808482	21.214	0.0001	1.027576
SITE_X61	1	72.788022	5.892857	12.352	0.0001	1.007796
SITE_X62	1	86.336960	3.459349	24.958	0.0001	1.042250
SITE_X63	1	79.036114	3.259149	24.251	0.0001	1.041624
SITE_X64	1	81.236314	4.344957	18.697	0.0001	1.020224
L_BLD_PB	1	1.147341	1.387707	0.827	0.4088	1.483431
AGE_Y	1	0.154492	0.081084	1.905	0.0573	1.233481
AGE_SQ	1	-0.00240334	0.014571	-0.165	0.8691	1.123057
BODYMASS	1	11315.859	1198.141	9.445	0.0001	1.128334
SERM_ALB	1	3.907878	1.763361	2.216	0.0271	1.320496
N_VIT_C	1	0.003543303	0.00499592	0.709	0.4785	1.463223
N_RIBOFL	1	-0.914335	0.462230	-1.978	0.0485	1.623998
N_OLEC_A	1	-0.015616	0.026395	-0.592	0.5544	1.507718
S_VIT_C	1	-2.253091	1.081661	-2.083	0.0378	1.674958

TEH 0351124

RERUN OF PIRKLE ANALYSES-MODEL 4LS-DI_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

TEH 0351125

DUP050299719

SET 2, MODEL 4--WHITE MALES 40-59, DI_BLD_S DEPENDENT W LEAD WT 10:56 FRIDAY, MAY 3, 1985 60

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
DI_BLD_S	553	84.62250846	1302.38294999	572208263.000	50.00000000	126.00000000
BLOOD_PB	553	-0.05533028	798.30782792	-374137.382	-12.47197107	62.52802893
EXAM_DAT	553	769.24413359	46131.42570626	5201545753.000	50.00000000	1511.00000000

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0 / N = 553 / WEIGHT VAR=LEAD_WT

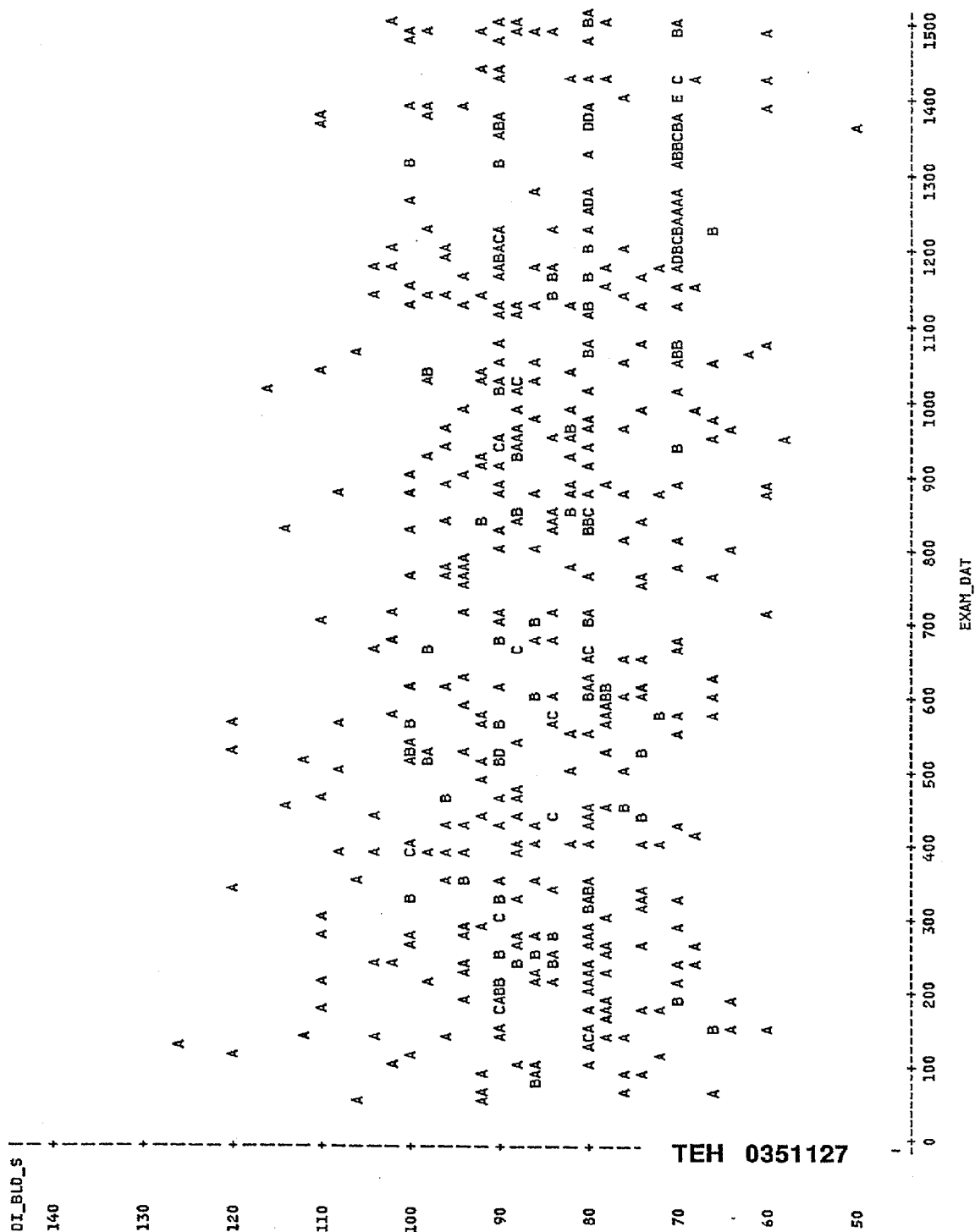
DI_BLD_S BLOOD_PB

EXAM_DAT -0.14301 -0.27559
0.0007 0.0001

TEH 0351126

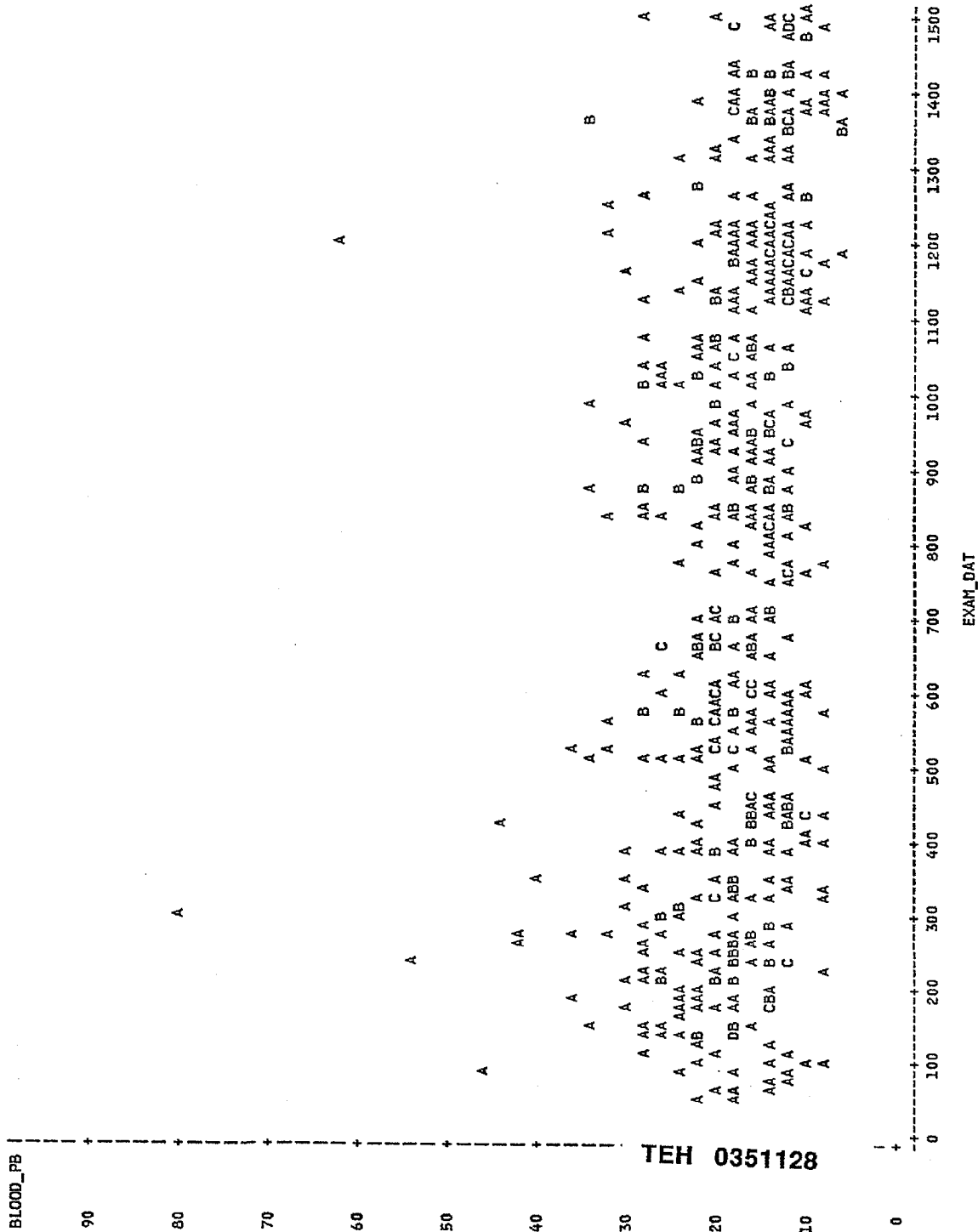
SET 2, MODEL 4--WHITE MALES 40-59, DI_BLD_S DEPENDENT W LEAD WT 10:56 FRIDAY, MAY 3, 1985 61

PLOT OF DI_BLD_S*EXAM_DAT LEGEND: A = 1 OBS, B = 2 OBS, ETC.



SET 2, MODEL 4--WHITE MALES 40-59, DI_BLD_S DEPENDENT W LEAD WT 10:56 FRIDAY, MAY 3, 1985 62

PLOT OF BLOOD_PB*EXAM_DAT LEGEND: A = 1 OBS, B = 2 OBS, ETC.



10:56 FRIDAY, MAY 3, 1985

PROC LISTRECS

STEP SAS

OS SAS 82.4

SAS LOG

MVS/XA JOB CAP363R

NOTE: THE JOB CAP363R HAS BEEN RUN UNDER RELEASE 82.4 OF SAS AT E. I. DUPONT DE NEMOURS & COMPANY (01718001).

NOTE: CPUID VERSION = 23 SERIAL = 020953 MODEL = 3081.
CPUID VERSION = 23 SERIAL = 220953 MODEL = 3081.

NOTE: SAS OPTIONS SPECIFIED ARE:
SORT=4

```

1  DATA WHITMALE ;
2  LENGTH BLOOD_PB AGE_Y Y HEIGHT WEIGHT N_POTASS HEMOGLN SERM_ALB
3  N_VIT_C N_RIBOFL N_OLEC_A S_VIT_C EXAM_DAT 8 ;
4  MERGE MESLIB.BLOODPRS MESLIB.WEIGHTS ;
5  BY SEQUENCE ;
6  IF SEX = '1' THEN DELETE ;
7  ELSE IF RACE = '1' THEN DELETE ;
8  ELSE IF AGE_Y < 40 THEN DELETE ;
9  ELSE IF AGE_Y > 59 THEN DELETE ;
10 ELSE IF BLOOD_PB <= Z | (SY_BLD_S <= Z & DI_BLD_S <= Z) THEN DELETE ;
11 L_BLD_PB = LOG(BLOOD_PB) ;
12 BODYMASS = WEIGHT / (HEIGHT * HEIGHT) ;
13 EXAM_DAT = EXAM_DAT - 5844 ;

```

NOTE: DATA SET WORK.WHITMALE HAS 595 OBSERVATIONS AND 95 VARIABLES. 162 OBS/TRK.
NOTE: THE DATA STATEMENT USED 2.96 SECONDS AND 93672K.

```

14 DATA MODEL_S4 ;
15 SET WHITMALE ;
16 IF SY_BLD_S <= Z THEN DELETE ;
17 ELSE IF BODYMASS <= .Z THEN DELETE ;
18 ELSE IF SERM_ALB <= .Z THEN DELETE ;
19 ELSE IF N_VIT_C <= .Z THEN DELETE ;
20 ELSE IF N_RIBOFL <= .Z THEN DELETE ;
21 ELSE IF N_OLEC_A <= .Z THEN DELETE ;
22 ELSE IF S_VIT_C <= .Z THEN DELETE ;

```

NOTE: DATA SET WORK.MODEL_S4 HAS 553 OBSERVATIONS AND 95 VARIABLES. 162 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.18 SECONDS AND 93612K.

```

23 PROC STANDARD DATA = MODEL_S4 OUT = MODEL_4S M = 0 ;
24 VAR BLOOD_PB L_BLD_PB AGE_Y Y BODYMASS SERM_ALB N_VIT_C
25 N_RIBOFL N_OLEC_A S_VIT_C ;

```

NOTE: DATA SET WORK.MODEL_4S HAS 553 OBSERVATIONS AND 95 VARIABLES. 162 OBS/TRK.
NOTE: THE PROCEDURE STANDARD USED 0.25 SECONDS AND 93842K.

```

26 DATA MODEL_4S ;
27 SET MODEL_4S ;
28 AGE_SQ = AGE_Y * AGE_Y ;

```

NOTE: DATA SET WORK.MODEL_4S HAS 553 OBSERVATIONS AND 96 VARIABLES. 158 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.16 SECONDS AND 93612K.

```

29 PROC REG DATA = MODEL_4S SIMPLE ;
30 MODEL SY_BLD_S = BLOOD_PB AGE_Y Y AGE_SQ BODYMASS SERM_ALB N_VIT_C
31 N_RIBOFL N_OLEC_A S_VIT_C / VIF ;
32 WEIGHT LEAD_WT ;
33 TITLE 'RUN OF PIRKLE ANALYSES--MODEL 4--SY_BLD_S DEPENDENT W LEAD WT';

```

TEH 0351130

10:56 FRIDAY, MAY 3, 1985

2 SAS LOG OS SAS 82.4 MVS/XA JOB CAP363R STEP SAS PROC LISTRECS

NOTE: THE PROCEDURE REG USED 0.24 SECONDS AND 93696K AND PRINTED PAGES 1 TO 3.

```
34 PROC REG DATA = MODEL_4S SIMPLE ;
35 MODEL SY_BLD_S = SITE_X1--SITE_X64 BLOOD_PB AGE_YY AGE_SQ BODYMASS
36 SERM_ALB N_VIT_C N_RIBOFL N_OLEC_A S_VIT_C / NOINT VIF ;
37 WEIGHT LEAD_WT ;
38 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 4S-SY_BLD_S DEPENDENT W LEAD WT';00360005
```

NOTE: THE PROCEDURE REG USED 1.07 SECONDS AND 93952K AND PRINTED PAGES 4 TO 9.

```
39 PROC REG DATA = MODEL_4S SIMPLE ;
40 MODEL SY_BLD_S = L_BLD_PB AGE_YY AGE_SQ BODYMASS SERM_ALB N_VIT_C
41 N_RIBOFL N_OLEC_A S_VIT_C / VIF PARTIAL ;
42 WEIGHT LEAD_WT ;
43 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD WT';00430005
```

NOTE: THE PROCEDURE REG USED 4.58 SECONDS AND 93696K AND PRINTED PAGES 10 TO 22.

```
44 PROC REG DATA = MODEL_4S SIMPLE ;
45 MODEL SY_BLD_S = SITE_X1--SITE_X64 L_BLD_PB AGE_YY AGE_SQ BODYMASS
46 SERM_ALB N_VIT_C N_RIBOFL N_OLEC_A S_VIT_C / NOINT VIF PARTIAL ;
47 WEIGHT LEAD_WT ;
48 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 4LS-SY_BLD_S DEPENDENT W LEAD WT';00480005
```

NOTE: THE PROCEDURE REG USED 1.22 SECONDS AND 94160K AND PRINTED PAGES 23 TO 28.

```
49 PROC CORR ;
50 VAR SY_BLD_S BLOOD_PB ;
51 WITH EXAM_DAT ;
52 WEIGHT LEAD_WT ;
53 TITLE 'SET 2, MODEL 4--WHITE MALES 40-59, SY_BLD_S DEPENDENT W LEAD WT';00530005
```

NOTE: THE PROCEDURE CORR USED 0.20 SECONDS AND 93852K AND PRINTED PAGE 29.

```
54 PROC PLOT DATA=MODEL_S4 ;
55 PLOT (SY_BLD_S BLOOD_PB) * EXAM_DAT ;
```

NOTE: THE PROCEDURE PLOT USED 0.23 SECONDS AND 93664K AND PRINTED PAGES 30 TO 31.

```
56 DATA MODEL_D4 ;
57 SET WHITMALE ;
58 IF DI_BLD_S <= .Z THEN DELETE ;
59 ELSE IF BODYMASS <= .Z THEN DELETE ;
60 ELSE IF SERM_ALB <= .Z THEN DELETE ;
61 ELSE IF N_VIT_C <= .Z THEN DELETE ;
62 ELSE IF N_RIBOFL <= .Z THEN DELETE ;
63 ELSE IF N_OLEC_A <= .Z THEN DELETE ;
64 ELSE IF S_VIT_C <= .Z THEN DELETE ;
```

NOTE: DATA SET WORK.MODEL_D4 HAS 553 OBSERVATIONS AND 95 VARIABLES. 162 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.18 SECONDS AND 93812K.

```
65 PROC STANDARD DATA = MODEL_D4 OUT = MODEL_4D M = 0 ;
66 VAR BLOOD_PB L_BLD_PB AGE_YY BODYMASS SERM_ALB N_VIT_C
67 N_RIBOFL N_OLEC_A S_VIT_C ;
```

NOTE: DATA SET WORK.MODEL_4D HAS 553 OBSERVATIONS AND 95 VARIABLES. 162 OBS/TRK.
NOTE: THE PROCEDURE STANDARD USED 0.26 SECONDS AND 93842K.

TEH 0351131

DUP050299725

10:56 FRIDAY, MAY 3, 1985

3 SAS LOG OS SAS 82.4 MVS/XA JOB CAP363R STEP SAS PROC LISTRECS

68 DATA MODEL_4D ;
69 SET MODEL_4D ;
70 AGE_SQ = AGE_YY * AGE_YY ;
00680003
00690003
00700003

NOTE: DATA SET WORK.MODEL_4D HAS 553 OBSERVATIONS AND 96 VARIABLES. 158 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.16 SECONDS AND 93812K.

71 PROC REG DATA = MODEL_4D SIMPLE ;
72 MODEL DI_BLD_S = BLOOD_PB AGE_YY AGE_SQ BODYMASS SERM_ALB N_VIT_C
73 N_RIBOFL N_OLEC_A S_VIT_C / VIF ;
74 WEIGHT LEAD_WT ;
75 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 4-DI_BLD_S DEPENDENT W LEAD WT'; 00710001
00720000
00730000
00740005
00750005

NOTE: THE PROCEDURE REG USED 0.23 SECONDS AND 93896K AND PRINTED PAGES 32 TO 34.

76 PROC REG DATA = MODEL_4D SIMPLE ;
77 MODEL DI_BLD_S = SITE_X1--SITE_X64 BLOOD_PB AGE_YY AGE_SQ BODYMASS
78 SERM_ALB N_VIT_C N_RIBOFL N_OLEC_A S_VIT_C / NOINT VIF ;
79 WEIGHT LEAD_WT ;
80 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 4S-DI_BLD_S DEPENDENT W LEAD WT'; 00760001
00770000
00780000
00790005
00800005

NOTE: THE PROCEDURE REG USED 1.08 SECONDS AND 93952K AND PRINTED PAGES 35 TO 40.

81 PROC REG DATA = MODEL_4D SIMPLE ;
82 MODEL DI_BLD_S = L_BLD_PB AGE_YY AGE_SQ BODYMASS SERM_ALB N_VIT_C
83 N_RIBOFL N_OLEC_A S_VIT_C / VIF PARTIAL ;
84 WEIGHT LEAD_WT ;
85 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 4L-DI_BLD_S DEPENDENT W LEAD WT'; 00810001
00820000
00830000
00840005
00850005

NOTE: THE PROCEDURE REG USED 4.49 SECONDS AND 93896K AND PRINTED PAGES 41 TO 53.

86 PROC REG DATA = MODEL_4D SIMPLE ;
87 MODEL DI_BLD_S = SITE_X1--SITE_X64 L_BLD_PB AGE_YY AGE_SQ BODYMASS
88 SERM_ALB N_VIT_C N_RIBOFL N_OLEC_A S_VIT_C / NOINT VIF PARTIAL ;
89 WEIGHT LEAD_WT ;
90 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 4LS-DI_BLD_S DEPENDENT W LEAD WT'; 00860001
00870000
00880000
00890005
00900005

NOTE: THE PROCEDURE REG USED 1.22 SECONDS AND 94144K AND PRINTED PAGES 54 TO 59.

91 PROC CORR ;
92 VAR DI_BLD_S BLOOD_PB ;
93 WITH EXAM_DAT ;
94 WEIGHT LEAD_WT ;
95 TITLE 'SET 2, MODEL 4--WHITE MALES 40-59, DI_BLD_S DEPENDENT W LEAD WT'; 00910003
00920003
00930003
00940005
00950005

NOTE: THE PROCEDURE CORR USED 0.22 SECONDS AND 93852K AND PRINTED PAGE 60.

96 PROC PLOT DATA=MODEL_D4 ;
97 PLOT (DI_BLD_S BLOOD_PB) * EXAM_DAT ;
00960004
00970003

NOTE: THE PROCEDURE PLOT USED 0.23 SECONDS AND 93864K AND PRINTED PAGES 61 TO 62.
NOTE: SAS USED 94160K MEMORY.

NOTE: SAS INSTITUTE INC.
SAS CIRCLE
PO BOX 8000
CARY, N.C. 27511-8000

TEH 0351132

JES JOB NO. = 2190

DATE = 85.127.J

//CAP363R JOB CCL5302.MS6CLASS=Q, ==>C.G.PFEIFER, L5185

* CCL

PROCESSOR FOR THIS JOB = SYNC

LINES OUTPUT FOR THIS JOB = 002254 PRINTER: B30

CARDS FOR THIS JOB = NONE

TEH 0351133

DUP050299727

#2

Model 4, 45, 4L, 4LS

Y = Sqs + Drasol.

WT = Lead wt

White Males 40-59

//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185

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*** JOB # 2190 ***
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*** JOB # 2190 ***
*** JOB # 2190 ***

TEH 0351062

N36729.02

DUP050299728

IAT6140 JOB ORIGIN FROM GROUP=ANYLOCAL, DSP=IR , DEVICE=INTRDR , 000 * CLI
 //CAP363R JOB CCL5302,MSGCLASS=Q, ==C.G.PFEIFER, L5185 *
 // USER=CAP363,PASSWORD=,MSGLEVEL=(0,0), *
 // CLASS=D,PRTY=5 SAS
 10:56:59 IAT2000 JOB 2190 CAP363R SELECTED SYC GRP=BATCH
 10:57:00 ICH700011 CAP363 LAST ACCESS AT 10:55:09 ON FRIDAY, MAY 3, 1985
 10:57:00 IEF4031 CAP363R - STARTED - TIME=10.56.49
 10:58:16 IEF4041 CAP363R - ENDED - TIME=10.58.05
 10:58:16 IAT5400 JOB 2190 (CAP363R) IN BREAKDOWN

TEH 0351063

```

//CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
// USER=CAP363,PASSWORD=,MSGLEVEL=(0,0), SAS
// CLASS=D,PRTY=5
1 //CAP363R JOB CCL5302,MSGCLASS=Q, ==>C.G.PFEIFER, L5185
// USER=CAP363,PASSWORD=,MSGLEVEL=(0,0), SAS
// CLASS=D,PRTY=5

```

TEH 0351064

ICH70001I CAP363 LAST ACCESS AT 10:55:09 ON FRIDAY, MAY 3, 1985
IEF142I CAP363R SAS LISTRECS - STEP WAS EXECUTED - COND CODE 0000
CAP363R SAS SASLPA 10:56 10:58 \$00013.92 000.92 1060K 00/0002429 00/0000000 ***
CAP363R ENDED TOTAL COST \$ 00013.92 10:56 10:58 85.123 ID=P38N

TEH 0351065

DUP050299732

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
SY_BLD_S	872576652.00000000	129.04326955	114911092692.00000000	4186501.06525910	2046.09409981
BLOOD_PB	-374137.38155518	-0.05533028	351807755.37175929	637295.38812584	798.30782792
AGE_YY	722550.00904161	0.10685619	232764044.44168979	421534.12228517	649.25659202
AGE_SQ	232764044.44168979	34.42291661	14573218916.24554600	11885510.18954279	3447.53682932
BODYMASS	-40.15414776	-0.00000594	0.97508188	0.00176602	0.04202405
SERM_ALB	-2386.62251523	-0.00035295	526706.76759349	954.17740078	30.88976207
N_VIT_C	-5129843.22493590	-0.75864022	72711583408.73593000	131716832.79592472	11476.79540621
N_RIBOFL	-27259.28826450	-0.00403131	9427310.51052298	17078.26199250	130.68382453
N_OLEC_A	-5134641.69344273	-0.75934985	2687916393.53315510	4862350.36978284	2205.07377876
S_VIT_C	170142.49906408	0.02516197	1779838.86603356	3216.59011992	56.71499026

TEH 0351067

RERUN OF PIRKLE ANALYSES--MODEL 4-SY_BLD_S DEPENDENT W LEAD MT

DEP VARIABLE: SY_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	9	458320755	50924528	14.926	0.0001
ERROR	543	1852627833	3411838		
C TOTAL	552	2310948588			

ROOT MSE	1847.116
DEP MEAN	129.043
C.V.	1431.393

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
INTERCEP	1	129.664	1.062177	122.073	0.0001	0.000000
BLOOD_PB	1	0.339823	0.100459	3.383	0.0008	1.040571
AGE_Y	1	0.620596	0.124341	4.991	0.0001	1.054417
AGE_SQ	1	-0.012548	0.022993	-0.546	0.5855	1.016595
BODYMASS	1	17124.257	1887.166	9.074	0.0001	1.017576
SERM_ALB	1	6.039055	2.603214	2.320	0.0207	1.046164
N_VIT_C	1	0.019131	0.007566519	2.528	0.0117	1.220069
N_RIBOFL	1	-1.584919	0.698166	-2.270	0.0236	1.346827
N_OLEC_A	1	0.057037	0.041338	1.380	0.1682	1.344270
S_VIT_C	1	-3.207066	1.516259	-2.115	0.0349	1.196447

TEH 0351068

RERUN OF PIRKLE ANALYSES--MODEL 4-SY_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

TEH 0351069

DUP050299735

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
SY_BLD_S	872576652.00000000	129.04326955	114911092692.00000000	4186501.065225910	2046.09409981
SITE_X1	90598.00000000	0.01339714	90590.00000000	161.91368346	12.72453078
SITE_X2	57968.00000000	0.00857275	57968.00000000	104.11422991	10.20363807
SITE_X3	28477.00000000	0.00421140	28477.00000000	51.37150742	7.16739195
SITE_X4	19295.00000000	0.00285349	19295.00000000	34.85496718	5.90380955
SITE_X5	13213.00000000	0.00195404	13213.00000000	23.88982117	4.88772147
SITE_X6	145843.00000000	0.02156837	145843.00000000	258.50978980	16.07823964
SITE_X7	105543.00000000	0.01560850	105543.00000000	188.21672454	13.71921006
SITE_X8	107695.00000000	0.01592676	107695.00000000	191.99233347	13.85612982
SITE_X9	122717.00000000	0.01814832	122717.00000000	218.27879030	14.77426107
SITE_X10	84985.00000000	0.01256823	84985.00000000	152.02334991	12.32977493
SITE_X11	157793.00000000	0.02333563	157793.00000000	279.18623399	16.70886693
SITE_X12	130350.00000000	0.01927715	130350.00000000	231.88917323	15.21805419
SITE_X13	82389.00000000	0.01218431	82389.00000000	147.43686004	12.14235809
SITE_X14	74152.00000000	0.01096616	74152.00000000	132.86021230	11.52650044
SITE_X15	230010.00000000	0.03401563	230010.00000000	402.51098823	20.06267650
SITE_X16	84620.00000000	0.01251425	84620.00000000	151.37870336	12.30360530
SITE_X17	147253.00000000	0.02177689	147253.00000000	260.95318174	16.15405270
SITE_X18	114495.00000000	0.01693239	114495.00000000	203.90638746	14.27957939
SITE_X19	240728.00000000	0.03560069	240728.00000000	420.57593812	20.50794617
SITE_X20	59908.00000000	0.00885965	59908.00000000	107.56745662	10.37147321
SITE_X21	161823.00000000	0.02393162	161823.00000000	286.14187350	16.91572858
SITE_X22	80359.00000000	0.01188410	80359.00000000	143.84783626	11.99365817
SITE_X23	113592.00000000	0.01679885	113592.00000000	202.32569781	14.22412380
SITE_X24	102649.00000000	0.01518051	102649.00000000	183.13539015	13.53275250
SITE_X25	105235.00000000	0.01556295	105235.00000000	187.67614630	13.69949438
SITE_X26	115431.00000000	0.01707081	115431.00000000	205.54438203	14.33681910

TEH 0351070

RERUN OF PIRKLE ANALYSES--MODEL 4S-SY_BLD_S DEPENDENT W LEAD WT					10:56 FRIDAY, MAY 3, 1985		5
192219.00000000					0.02842681		18.39358483
SITE_X27	192219.00000000	0.02842681	192219.00000000	192219.00000000	338.32396296	12.77575670	12.77575670
SITE_X28	91331.00000000	0.01350672	91331.00000000	91331.00000000	163.21995926	13.45201857	13.45201857
SITE_X29	101409.00000000	0.01499713	101409.00000000	101409.00000000	180.95680370	12.90912668	12.90912668
SITE_X30	93275.00000000	0.01379422	93275.00000000	93275.00000000	166.64555161	12.44990605	12.44990605
SITE_X31	86671.00000000	0.01281757	86671.00000000	86671.00000000	155.00016069	11.65343649	11.65343649
SITE_X32	75813.00000000	0.01121180	75813.00000000	75813.00000000	135.80253549	15.0625338	15.0625338
SITE_X33	127661.00000000	0.01887948	127661.00000000	127661.00000000	226.90367173	11.98436467	11.98436467
SITE_X34	207899.00000000	0.03074568	207899.00000000	207899.00000000	365.04891826	14.67511492	14.67511492
SITE_X35	80233.00000000	0.01186547	80233.00000000	80233.00000000	143.62499649	5.42584328	5.42584328
SITE_X36	121045.00000000	0.01790105	121045.00000000	121045.00000000	215.38899784	8.45702726	8.45702726
SITE_X37	16290.00000000	0.00240909	16290.00000000	16290.00000000	29.43977525	10.45715160	10.45715160
SITE_X38	39713.00000000	0.00587306	39713.00000000	39713.00000000	71.52131006	14.86430464	14.86430464
SITE_X39	60911.00000000	0.00900798	60911.00000000	60911.00000000	109.35201960	16.50868252	16.50868252
SITE_X40	124246.00000000	0.01837444	124246.00000000	124246.00000000	220.94755243	12.31479729	12.31479729
SITE_X41	153945.00000000	0.02276456	153945.00000000	153945.00000000	272.53659850	16.28523953	16.28523953
SITE_X42	84776.00000000	0.01253732	84776.00000000	84776.00000000	151.65423226	14.30700680	14.30700680
SITE_X43	149710.00000000	0.02214025	149710.00000000	149710.00000000	265.20902666	11.67969433	11.67969433
SITE_X44	114943.00000000	0.01699864	114943.00000000	114943.00000000	204.69044343	16.90078279	16.90078279
SITE_X45	76159.00000000	0.01126297	76159.00000000	76159.00000000	136.41525963	0.00000000	0.00000000
SITE_X46	161530.00000000	0.02388828	161530.00000000	161530.00000000	285.63645906	16.68176217	16.68176217
SITE_X47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	13.60736510	13.60736510
SITE_X48	157269.00000000	0.02325814	157269.00000000	157269.00000000	278.28118894	16.95569944	16.95569944
SITE_X49	103802.00000000	0.01535103	103802.00000000	103802.00000000	185.16038495	16.02856172	16.02856172
SITE_X50	162608.00000000	0.02404771	162608.00000000	162608.00000000	287.49574348	14.86841291	14.86841291
SITE_X51	144923.00000000	0.02143232	144923.00000000	144923.00000000	256.91479094	13.45991931	13.45991931
SITE_X52	124316.00000000	0.01838480	124316.00000000	124316.00000000	221.06970252	12.88323954	12.88323954
SITE_X53	101530.00000000	0.01501503	101530.00000000	101530.00000000	181.16942785	16.06669909	16.06669909
SITE_X54	92896.00000000	0.01373817	92896.00000000	92896.00000000	165.97786098	9.38149141	9.38149141
SITE_X55	145629.00000000	0.02153672	145629.00000000	145629.00000000	258.13881967		
SITE_X56	48937.00000000	0.00723718	48937.00000000	48937.00000000	88.01238104		

TEH 0351071

	RERUN OF PIRKLE ANALYSES--MODEL 43-SY_BLD_S DEPENDENT W LEAD WT		10:56 FRIDAY, MAY 3, 1985	
	0.01545263	104489.00000000	186.36661300	13.65161577
SITE_X57	0.01545263	104489.00000000	186.36661300	13.65161577
SITE_X58	0.01639068	110832.00000000	197.49164544	14.05317208
SITE_X59	0.01495809	101145.00000000	180.49286925	13.43476346
SITE_X60	0.01316776	89039.00000000	159.17854246	12.61659790
SITE_X61	0.00535176	36188.00000000	65.20712071	8.07509261
SITE_X62	0.01623821	109801.00000000	195.68483454	13.98873956
SITE_X63	0.01832224	123893.00000000	220.33152693	14.84356854
SITE_X64	0.01001243	67703.00000000	121.42233361	11.01918026
BLOOD_PB	-0.05533028	351807755.37175929	637295.38812584	798.30782792
AGE_YY	0.10685619	232764044.44168979	421534.12228517	649.25659202
AGE_SQ	34.42291661	14573218916.24554600	11885510.18954279	3447.53682932
BODYHASS	-0.00000594	0.97508188	0.00176602	0.04202405
SERM_ALB	-0.00035295	526706.76759349	954.17740078	30.88976207
N_VIT_C	-0.75864022	72711583408.73593000	131716832.79592472	11476.79548621
N_RIBOFL	-0.00403131	9427310.51052298	17078.26199250	130.66382453
N_OLEC_A	-0.75934985	2687916393.53315510	4862350.36978284	2205.07377876
S_VIT_C	0.02516197	1779838.86603356	3216.59011992	56.71499026

TEH 0351072

DEP VARIABLE: SY_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	72	113434672725	1575481566	513.273	0.0001
ERROR	481	1476419967	3069480		
U TOTAL	553	114911092692			

ROOT MSE	1751.993	R-SQUARE	0.9872
DEP MEAN	129.043	ADJ R-SQ	0.9853
C.V.	1357.679		

NOTE: NO INTERCEPT TERM IS USED. R-SQUARE IS REDEFINED.

NOTE: MODEL IS NOT FULL RANK. LEAST SQUARES SOLUTIONS FOR THE PARAMETERS ARE NOT UNIQUE. SOME STATISTICS WILL BE MISLEADING. A REPORTED DF OF 0 OR B MEANS THAT THE ESTIMATE IS BIASED. THE FOLLOWING PARAMETERS HAVE BEEN SET TO 0, SINCE THE VARIABLES ARE A LINEAR COMBINATION OF OTHER VARIABLES AS SHOWN.

SITE_X47=

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X1	1	123.882	5.939014	20.859	0.0001	1.027038
SITE_X2	1	125.155	7.380316	16.958	0.0001	1.019845
SITE_X3	1	103.100	10.449193	9.867	0.0001	1.008700
SITE_X4	1	145.078	12.699815	11.424	0.0001	1.010959
SITE_X5	1	172.292	15.269621	11.283	0.0001	1.001714
SITE_X6	1	142.724	4.717272	30.256	0.0001	1.034506
SITE_X7	1	122.141	5.502841	22.196	0.0001	1.024959
SITE_X8	1	128.784	5.472167	23.534	0.0001	1.033896
SITE_X9	1	134.953	5.193098	25.987	0.0001	1.058617
SITE_X10	1	127.145	6.162910	20.631	0.0001	1.038580
SITE_X11	1	120.369	4.538943	26.519	0.0001	1.034374
SITE_X12	1	125.504	5.036406	24.919	0.0001	1.056413
SITE_X13	1	141.267	6.154045	22.955	0.0001	1.004157
SITE_X14	1	125.600	6.558392	19.157	0.0001	1.027068
SITE_X15	1	134.408	3.753202	35.812	0.0001	1.019661
SITE_X16	1	123.063	6.109132	20.144	0.0001	1.016010
SITE_X17	1	133.762	4.658463	28.726	0.0001	1.017535
SITE_X18	1	131.923	5.649445	23.352	0.0001	1.170353
SITE_X19	1	129.855	3.735787	34.760	0.0001	1.055560
SITE_X20	1	135.811	7.483995	18.147	0.0001	1.083483
SITE_X21	1	142.605	4.575241	31.169	0.0001	1.077169
SITE_X22	1	125.335	6.207225	19.935	0.0001	1.022576
SITE_X23	1	135.013	5.273645	25.601	0.0001	1.011922
SITE_X24	1	133.255	5.530037	24.097	0.0001	1.007169
SITE_X25	1	124.041	5.553855	22.334	0.0001	1.041052
SITE_X26	1	129.963	5.308329	24.483	0.0001	1.041587
SITE_X27	1	113.379	4.142742	27.368	0.0001	1.044196
SITE_X28	1	134.420	5.908839	22.749	0.0001	1.024830

TEH 0351073

REUN OF PIRKLE ANALYSES--MODEL 4S-SY_BLD_S DEPENDENT W LEAD WT

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X29	1	128.033	5.585217	22.924	0.0001	1.015148
SITE_X30	1	117.802	5.861064	20.099	0.0001	1.029487
SITE_X31	1	131.596	6.031745	21.617	0.0001	1.014127
SITE_X32	1	115.794	6.545752	17.690	0.0001	1.046408
SITE_X33	1	134.513	5.003126	26.886	0.0001	1.021407
SITE_X34	1	124.561	4.143171	30.064	0.0001	1.126915
SITE_X35	1	135.794	6.322162	21.004	0.0001	1.032370
SITE_X36	1	144.490	5.230800	27.623	0.0001	1.059677
SITE_X37	1	137.415	13.882099	9.899	0.0001	1.020279
SITE_X38	1	135.074	8.977238	15.046	0.0001	1.036562
SITE_X39	1	125.131	7.218968	17.334	0.0001	1.024829
SITE_X40	1	125.733	5.042944	24.933	0.0001	1.010489
SITE_X41	1	138.702	4.635347	29.923	0.0001	1.053085
SITE_X42	1	123.685	6.143231	20.134	0.0001	1.029254
SITE_X43	1	122.699	4.678565	26.237	0.0001	1.043077
SITE_X44	1	129.817	5.244515	24.753	0.0001	1.012471
SITE_X45	1	125.202	6.590418	19.592	0.0001	1.001834
SITE_X46	1	121.238	4.446850	27.264	0.0001	1.015764
SITE_X47	0	0				
SITE_X48	1	134.949	4.476207	30.148	0.0001	1.002717
SITE_X49	1	135.634	5.540478	24.481	0.0001	1.022155
SITE_X50	1	125.826	4.439841	28.250	0.0001	1.019156
SITE_X51	1	140.371	4.715544	29.768	0.0001	1.027370
SITE_X52	1	131.801	5.099307	25.847	0.0001	1.033774
SITE_X53	1	117.233	5.653556	20.736	0.0001	1.041364
SITE_X54	1	127.226	5.819186	21.663	0.0001	1.010762
SITE_X55	1	135.560	4.976440	27.240	0.0001	1.149649
SITE_X56	1	120.758	8.207393	14.713	0.0001	1.066175
SITE_X57	1	134.308	5.511081	24.371	0.0001	1.017925
SITE_X58	1	126.498	5.354960	23.623	0.0001	1.018440
SITE_X59	1	127.270	5.767507	22.067	0.0001	1.079719
SITE_X60	1	130.545	5.990934	21.790	0.0001	1.027420
SITE_X61	1	122.554	9.274360	13.214	0.0001	1.088642
SITE_X62	1	132.517	5.432305	24.394	0.0001	1.038484
SITE_X63	1	126.092	5.129990	24.579	0.0001	1.042759
SITE_X64	1	119.408	6.634033	17.473	0.0001	1.019828
BLOOD_PB	1	0.158551	0.110722	1.432	0.1528	1.405033
AGE_Y	1	0.694155	0.127544	5.442	0.0001	1.233174
AGE_SQ	1	-0.00460543	0.022933	-0.201	0.8409	1.124150
BODYMASS	1	16365.725	1866.853	8.674	0.0001	1.130697
SERM_ALB	1	7.452860	2.773892	2.687	0.0075	1.320330
N_VIT_C	1	0.018018	0.007864849	2.291	0.0224	1.465198
N_RIBOFL	1	-1.957103	0.726958	-2.692	0.0073	1.625069
N_OLEC_A	1	0.074902	0.041524	1.804	0.0719	1.507727
S_VIT_C	1	-4.404219	1.705161	-2.583	0.0101	1.681901

TEH 0351074

RERUN OF PIRKLE ANALYSES--MODEL 4S-SY_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

TEH 0351075

DUP050299741

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD WT 10:56 FRIDAY, MAY 3, 1985 10

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
SY_BLD_S	872576652.00000000	129.04326955	114911092692.00000000	4186501.06525910	2046.09409981
L_BLD_PB	-28737.98024513	-0.00424999	955521.68744960	1730.79628857	41.60283991
AGE_YY	722550.00904161	0.10605619	232764044.44160979	421534.12228517	649.25659202
AGE_SQ	232764044.44160979	34.42291661	14573218916.24554600	11805510.18954279	3447.53682932
BODYMASS	-40.15414776	-0.00000594	0.97508188	0.00176602	0.04202405
SERM_ALB	-2386.62251523	-0.00035295	526706.76759349	954.17740078	30.88976207
N_VIT_C	-5129843.22493590	-0.75864022	72711583408.73593000	131716832.79592472	11476.79540621
N_RIBOFL	-27259.28826450	-0.00403131	9427310.51052298	17078.26199250	130.68382453
N_OLEC_A	-5134641.69344273	-0.75934985	2687916393.53315510	4862350.36978284	2205.07377876
S_VIT_C	170142.49906408	0.02516197	1779838.86603356	3216.59011992	56.71499026

TEH 0351076

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD WT

DEP VARIABLE: SY_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	9	488288068	52029785	15.332	0.0001
ERROR	543	1842680520	3393518		
C TOTAL	552	2310948588			

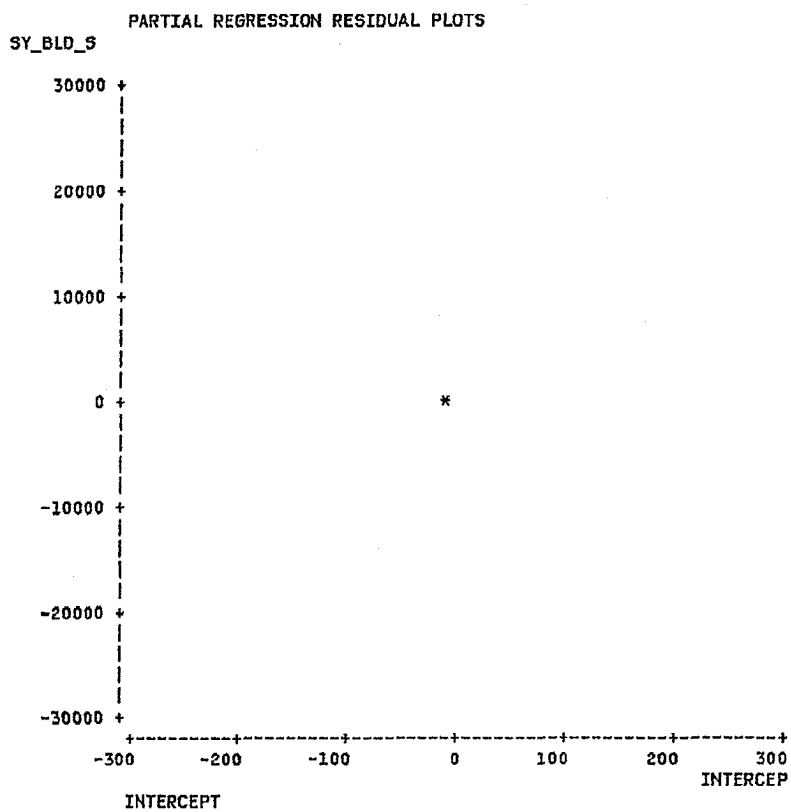
ROOT MSE	1842.150
DEP MEAN	129.043
C.V.	1427.545
R-SQUARE	0.2026
ADJ R-SQ	0.1894

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
INTERCEP	1	129.646	1.058926	122.432	0.0001	0.000000
L_BLD_FB	1	7.274802	1.914711	3.799	0.0002	1.032146
AGE_Y	1	0.628245	0.124087	5.063	0.0001	1.058785
AGE_SQ	1	-0.011687	0.022913	-0.510	0.6102	1.015025
BODYMASS	1	17090.807	1880.190	9.090	0.0001	1.015519
SERMLALB	1	6.107364	2.596285	2.352	0.0190	1.046219
N_VIT_C	1	0.019124	0.007539052	2.537	0.0115	1.217765
N_RIBOFL	1	-1.604758	0.696325	-2.305	0.0216	1.346965
N_OLEC_A	1	0.0956758	0.041225	1.377	0.1691	1.344194
S_VIT_C	1	-3.268497	1.510461	-2.164	0.0309	1.193722

TEH 0351077

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD WT

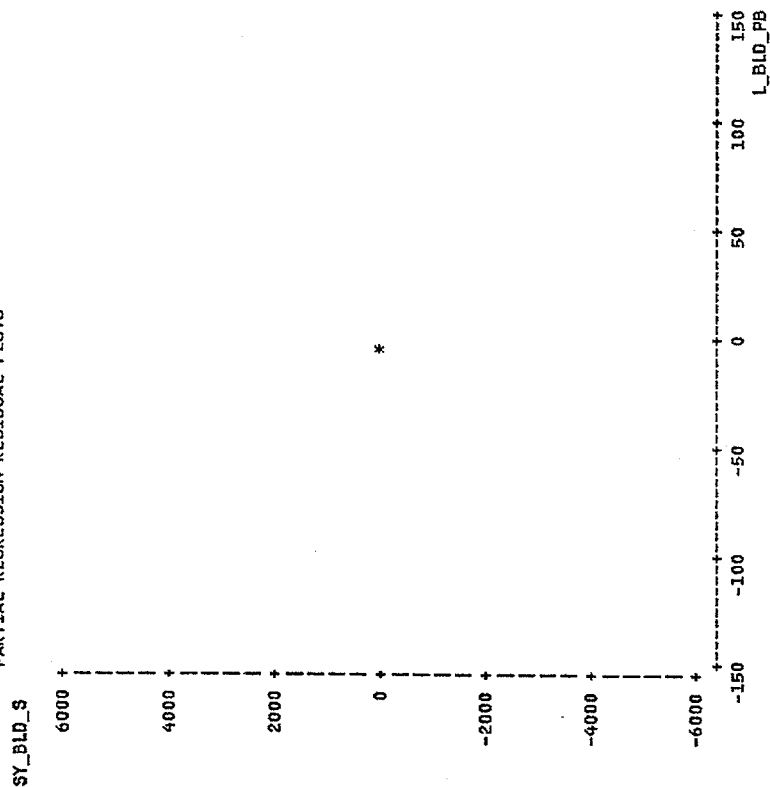
10:56 FRIDAY, MAY 3,



TEH 0351078

DUP050299744

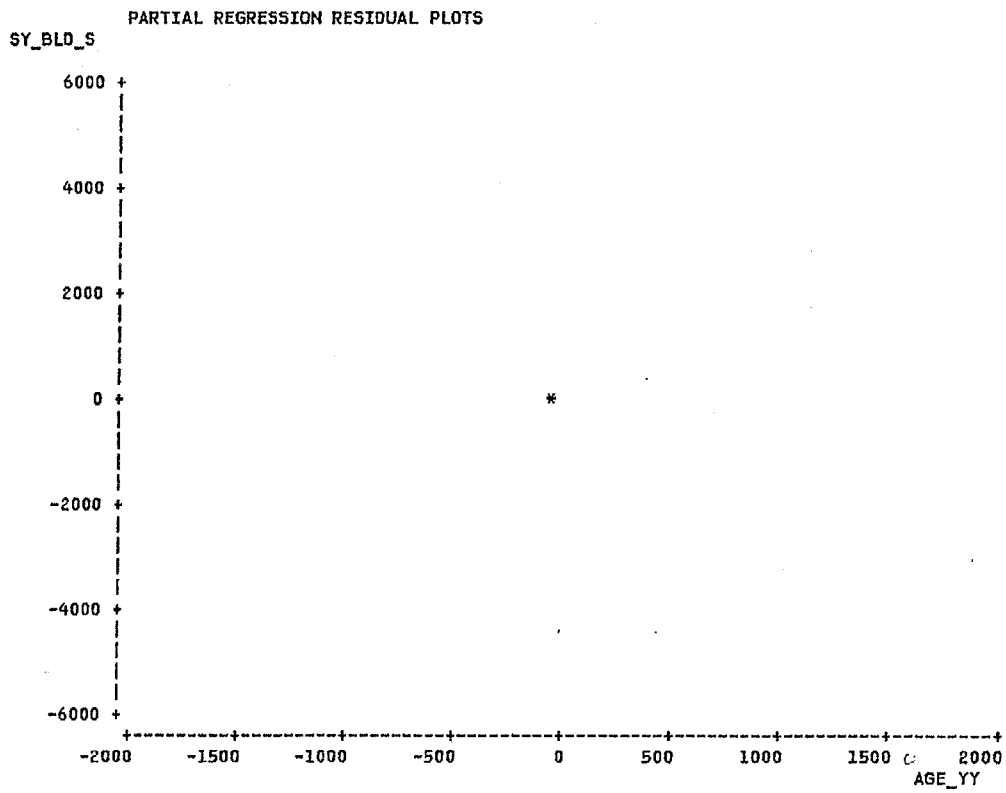
PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351079

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD WT

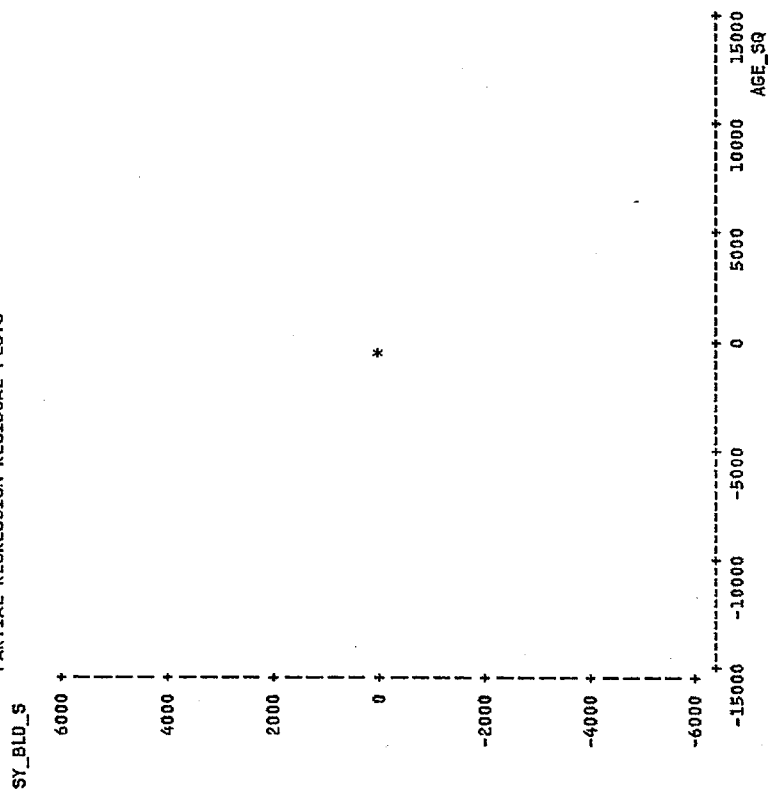
10:56 FRIDAY, MAY 3,



TEH 0351080

DUP050299746

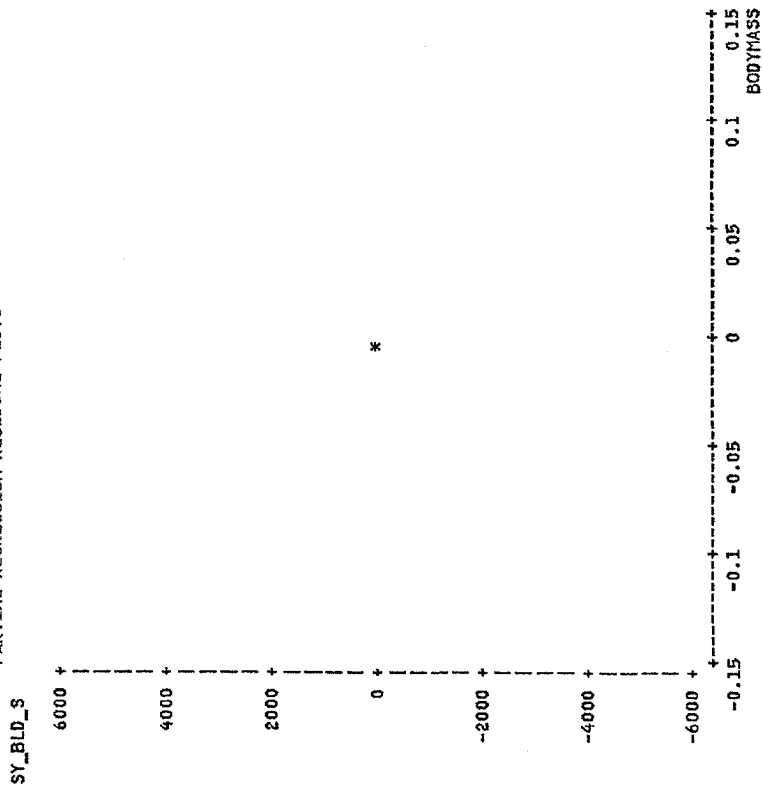
PARTIAL REGRESSION RESIDUAL PLOTS



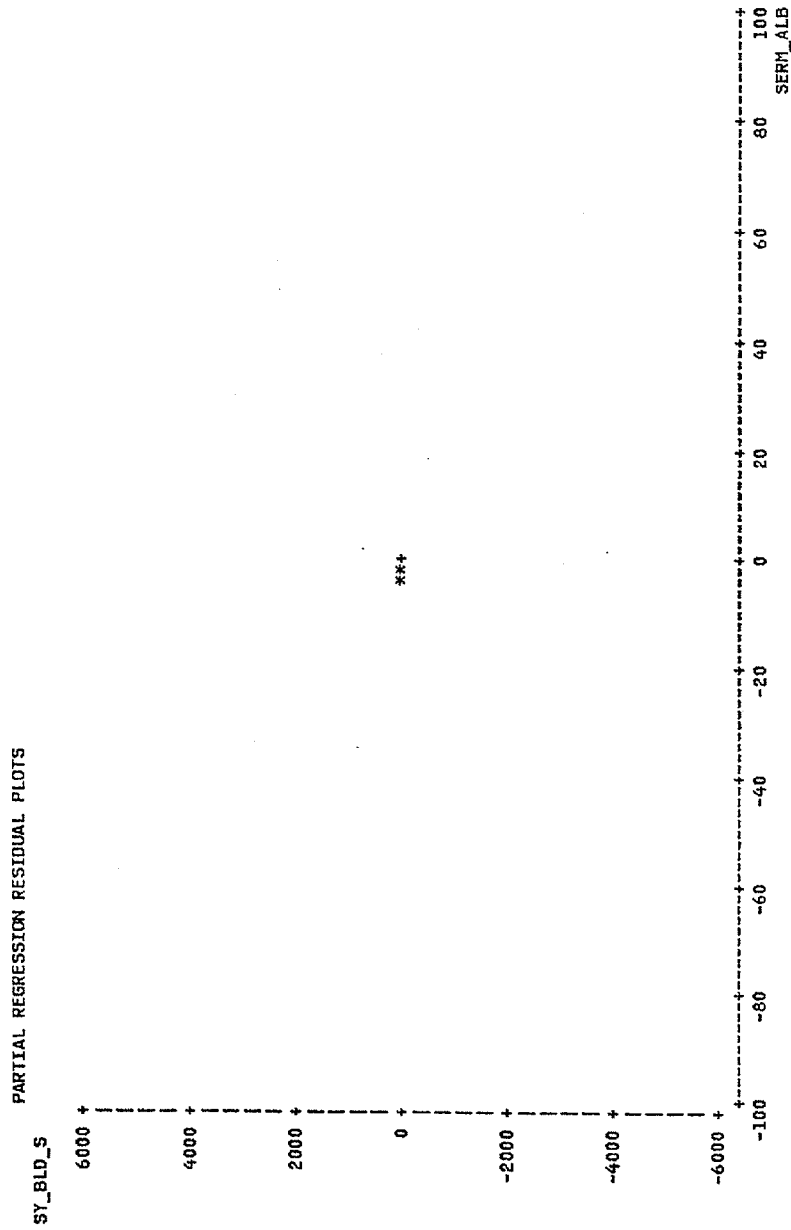
TEH 0351081

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD MT

PARTIAL REGRESSION RESIDUAL PLOTS



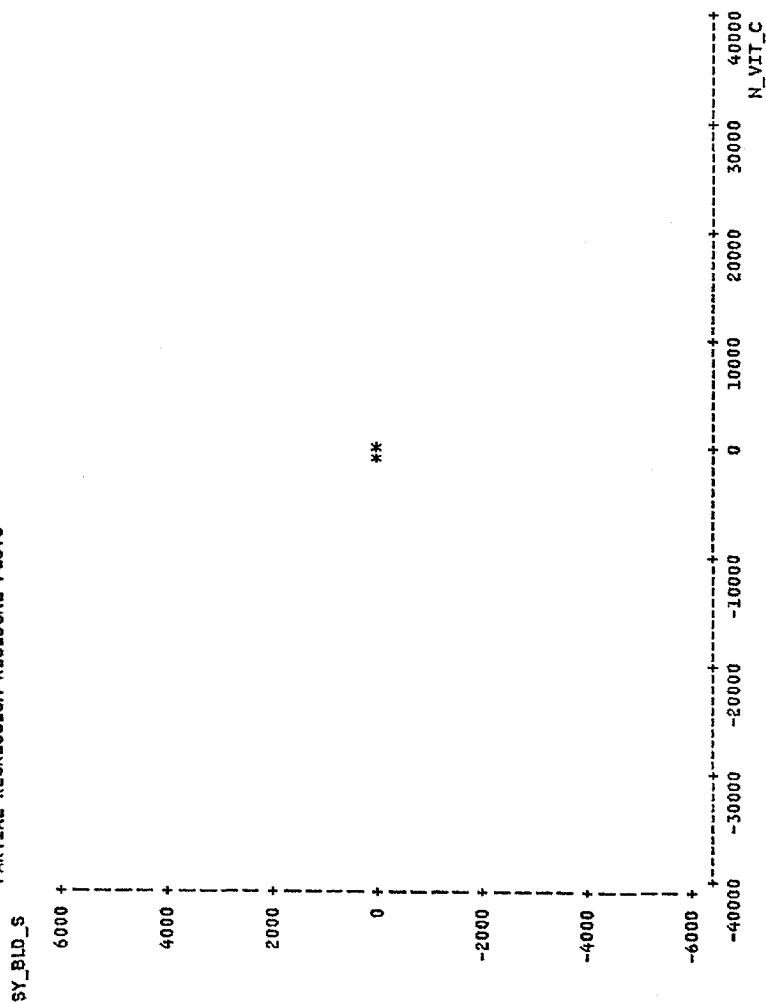
TEH 0351082



TEH 0351083

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD WT

PARTIAL REGRESSION RESIDUAL PLOTS

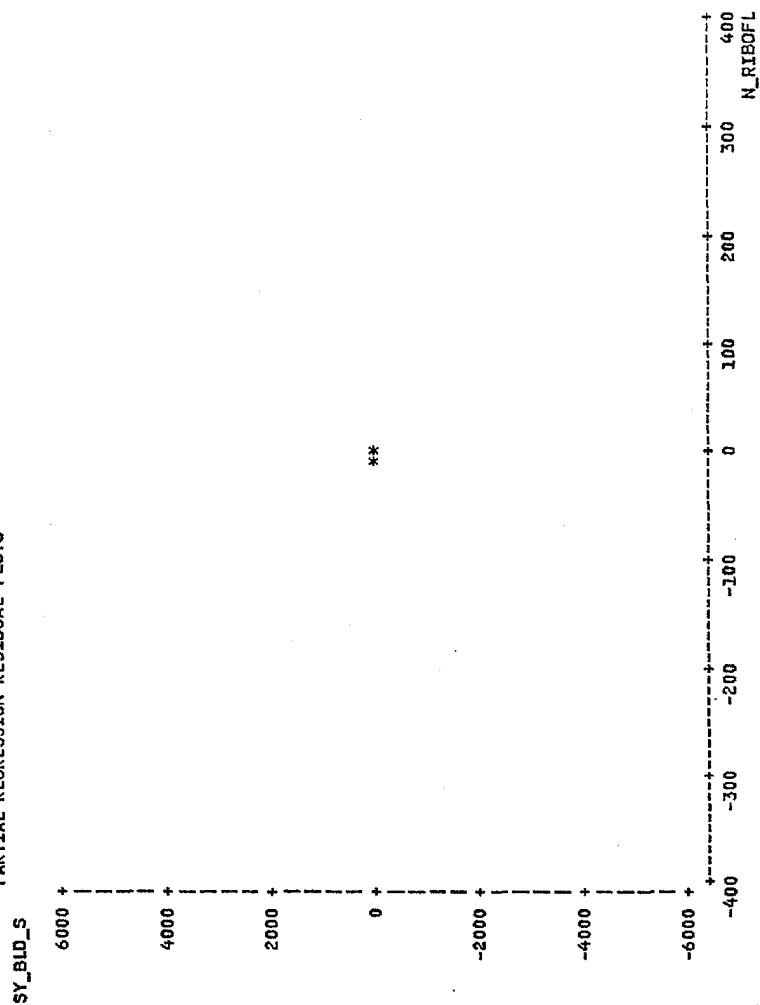


TEH 0351084

10:56 FRIDAY, MAY 3, 1985 19

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD HT

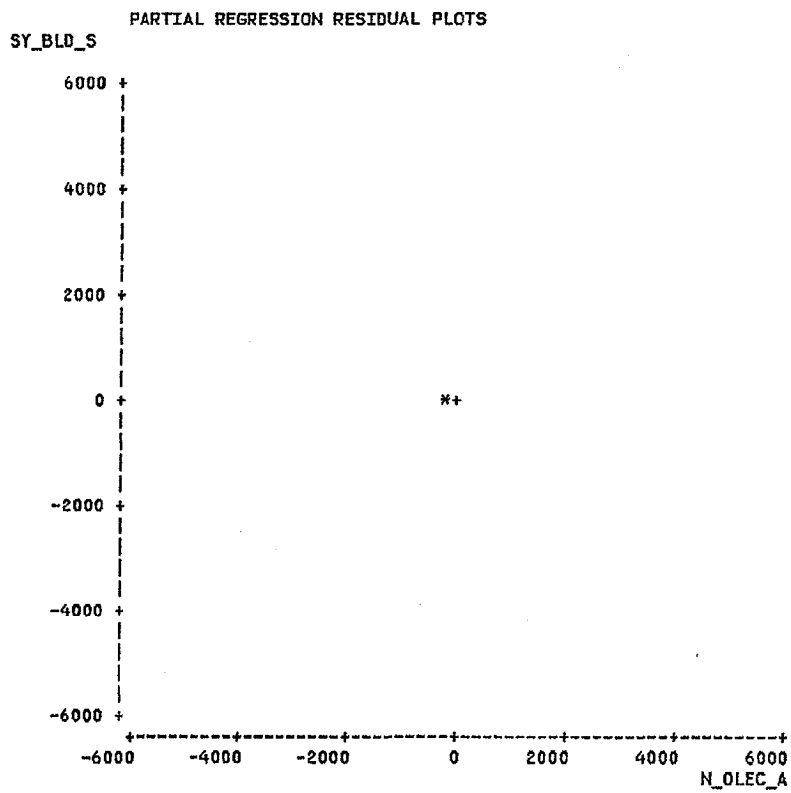
PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351085

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD WT

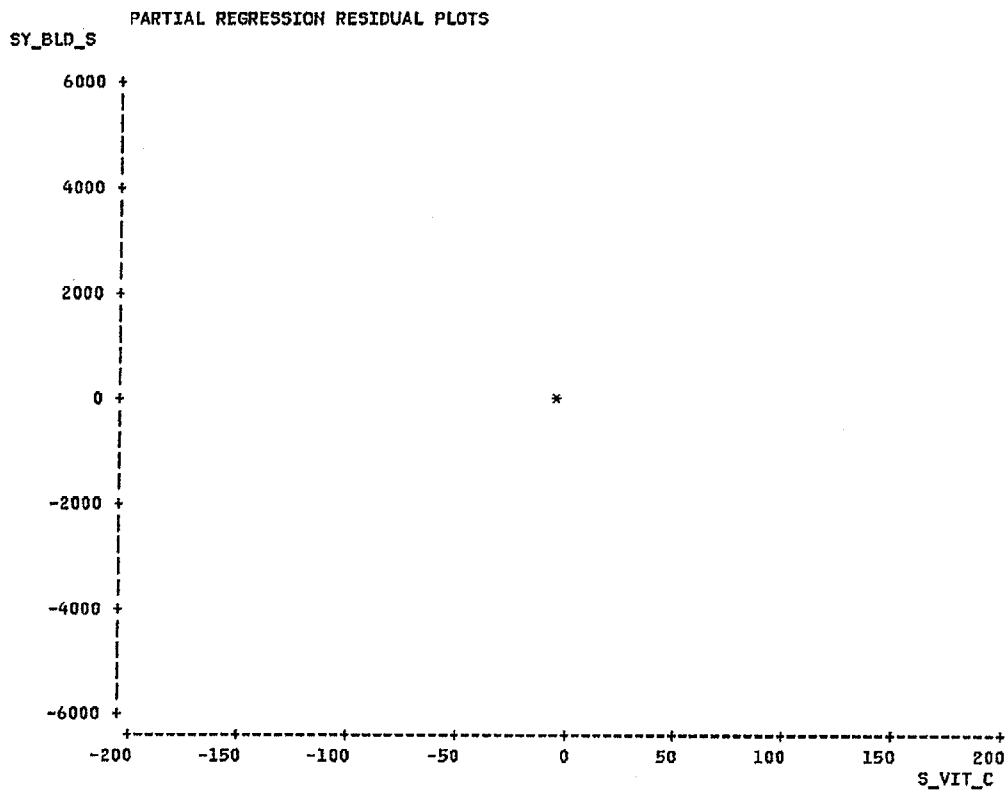
10:56 FRIDAY, MAY 3,



TEH 0351086

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,



TEH 0351087

DUP050299753

RERUN OF PIRKLE ANALYSES--MODEL 4L-SY_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

TEH 0351088

DUP050299754

RERUN OF PIRKLE ANALYSES-MODEL 4LS-SY_BLD_S DEPENDENT W LEAD WT 10:56 FRIDAY, MAY 3,

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD D
SY_BLD_S	872576652.00000000	129.04326955	114911092692.00000000	4186501.06525910	2046.
SITE_X1	90590.00000000	0.01339714	90590.00000000	161.91368346	12.
SITE_X2	57968.00000000	0.00857275	57968.00000000	104.11422991	10.
SITE_X3	28477.00000000	0.00421140	28477.00000000	51.37150742	7.
SITE_X4	19295.00000000	0.00285349	19295.00000000	34.85496718	5.
SITE_X5	13213.00000000	0.00195404	13213.00000000	23.88982117	4.
SITE_X6	145843.00000000	0.02156837	145843.00000000	258.50978980	16.
SITE_X7	105543.00000000	0.01560850	105543.00000000	188.21672454	13.
SITE_X8	107695.00000000	0.01592676	107695.00000000	191.99233347	13.
SITE_X9	122717.00000000	0.01814832	122717.00000000	218.27879030	14.
SITE_X10	84985.00000000	0.01256823	84985.00000000	152.02334991	12.
SITE_X11	157793.00000000	0.02333563	157793.00000000	279.18623399	16.
SITE_X12	130350.00000000	0.01927715	130350.00000000	231.58917323	15.
SITE_X13	82389.00000000	0.01218431	82389.00000000	147.43686004	12.
SITE_X14	74152.00000000	0.01096616	74152.00000000	132.86021230	11.
SITE_X15	230010.00000000	0.03401563	230010.00000000	402.51098823	20.
SITE_X16	84620.00000000	0.01251425	84620.00000000	151.37870336	12.
SITE_X17	147253.00000000	0.02177689	147253.00000000	260.95341874	16.
SITE_X18	114495.00000000	0.01693239	114495.00000000	203.90638746	14.
SITE_X19	240728.00000000	0.03560069	240728.00000000	420.57593812	20.
SITE_X20	59908.00000000	0.00885965	59908.00000000	107.56745662	10.
SITE_X21	161823.00000000	0.02393162	161823.00000000	286.14187350	16.
SITE_X22	80359.00000000	0.01188410	80359.00000000	143.84783626	11.
SITE_X23	113592.00000000	0.01679885	113592.00000000	202.32569781	14.
SITE_X24	102649.00000000	0.01518051	102649.00000000	183.13539015	13.
SITE_X25	105235.00000000	0.01556295	105235.00000000	187.67614630	13.
SITE_X26	115431.00000000	0.01707081	115431.00000000	205.54438203	14.

TEH 0351089

RERUN OF PIRKLE ANALYSES-MODEL 4LS-SY_BLD_S DEPENDENT M LEAD WT 10:56 FRIDAY, MAY 3, 1985 24			
	192219.00000000	0.02842681	192219.00000000
SITE_X27	192219.00000000	0.02842681	192219.00000000
SITE_X28	91331.00000000	0.01350672	91331.00000000
SITE_X29	101409.00000000	0.01499713	101409.00000000
SITE_X30	93275.00000000	0.01379422	93275.00000000
SITE_X31	86671.00000000	0.01281757	86671.00000000
SITE_X32	75813.00000000	0.01121180	75813.00000000
SITE_X33	127661.00000000	0.01887948	127661.00000000
SITE_X34	207899.00000000	0.03074568	207899.00000000
SITE_X35	80233.00000000	0.01186547	80233.00000000
SITE_X36	121045.00000000	0.01790105	121045.00000000
SITE_X37	16290.00000000	0.00240909	16290.00000000
SITE_X38	39713.00000000	0.00587306	39713.00000000
SITE_X39	60911.00000000	0.00900798	60911.00000000
SITE_X40	124246.00000000	0.01837444	124246.00000000
SITE_X41	153945.00000000	0.02276656	153945.00000000
SITE_X42	84776.00000000	0.01253732	84776.00000000
SITE_X43	149710.00000000	0.02214025	149710.00000000
SITE_X44	114943.00000000	0.01699864	114943.00000000
SITE_X45	76159.00000000	0.01126297	76159.00000000
SITE_X46	161530.00000000	0.02388828	161530.00000000
SITE_X47	0.00000000	0.00000000	0.00000000
SITE_X48	157269.00000000	0.02325814	157269.00000000
SITE_X49	103802.00000000	0.01535103	103802.00000000
SITE_X50	162608.00000000	0.02404771	162608.00000000
SITE_X51	144923.00000000	0.02143232	144923.00000000
SITE_X52	124316.00000000	0.01838480	124316.00000000
SITE_X53	101530.00000000	0.01501503	101530.00000000
SITE_X54	92896.00000000	0.01373817	92896.00000000
SITE_X55	145629.00000000	0.02153672	145629.00000000
SITE_X56	48937.00000000	0.00723718	48937.00000000

TEH 0351090

RERUN OF PIRKLE ANALYSES-MODEL 4LS-SY_BLD S DEPENDENT W LEAD WT				10:56 FRIDAY, MAY 3, 1985	25
SITE_X57	104489.00000000	0.01545263	104489.00000000	186.36661300	13.65161577
SITE_X58	110832.00000000	0.01639068	110832.00000000	197.49164544	14.05317208
SITE_X59	101145.00000000	0.01495809	101145.00000000	180.49286925	13.43476346
SITE_X60	89039.00000000	0.01316776	89039.00000000	159.17854246	12.61659790
SITE_X61	36188.00000000	0.00535176	36188.00000000	65.20712071	8.07509261
SITE_X62	109801.00000000	0.01623821	109801.00000000	195.68483454	13.98873956
SITE_X63	123893.00000000	0.01832224	123893.00000000	220.33152693	14.84356854
SITE_X64	67703.00000000	0.01001243	67703.00000000	121.42233361	11.01918026
L_BLD_PB	-28737.98024513	-0.00424999	955521.66744960	1730.79628857	41.60283991
AGE_YY	722550.00904161	0.10685619	232764044.44168979	421534.12228517	649.25659202
AGE_SQ	232764044.44168979	34.42291661	14573218916.24554600	11885510.18954279	3447.53682932
BODYMASS	-40.15414776	-0.00000594	0.97508188	0.00176602	0.04202405
SERN_ALB	-2386.62251523	-0.00035295	526706.76759349	954.17740078	30.88976207
N_VIT_C	-5129843.22493590	-0.75864022	72711583408.73593000	131716832.79592472	11476.79540621
N_RIBOFL	-27259.28826450	-0.00403131	9427310.51052298	17078.26199250	130.68382453
N_OLEC_A	-5134641.69344273	-0.75934985	2687916393.53315510	4862350.36978284	2205.07377876
S_VIT_C	170142.49906408	0.02516197	1779838.86603356	3216.59011992	56.71499026

TEH 0351091

RERUN OF PIRKLE ANALYSES-MODEL 4LS-SY_BLD_S DEPENDENT W LEAD WT

DEP VARIABLE: SY_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	72	113438336621	1575532453	514.567	0.0001
ERROR	481	1472756071	3061863		
U TOTAL	553	114911092692			
ROOT MSE	1749.818		R-SQUARE	0.9872	
DEP MEAN	129.043		ADJ R-SQ	0.9853	
C.V.	1355.993				

NOTE: NO INTERCEPT TERM IS USED. R-SQUARE IS REDEFINED.

NOTE: MODEL IS NOT FULL RANK. LEAST SQUARES SOLUTIONS FOR THE PARAMETERS ARE NOT UNIQUE. SOME STATISTICS WILL BE MISLEADING, A REPORTED DF OF 0 OR B MEANS THAT THE ESTIMATE IS BIASED. THE FOLLOWING PARAMETERS HAVE BEEN SET TO 0, SINCE THE VARIABLES ARE A LINEAR COMBINATION OF OTHER VARIABLES AS SHOWN.

SITE_X47=

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR HO: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X1	1	123.684	5.934188	20.843	0.0001	1.027920
SITE_X2	1	125.179	7.367050	16.992	0.0001	1.018710
SITE_X3	1	103.045	10.433393	9.876	0.0001	1.008154
SITE_X4	1	145.572	12.692011	11.470	0.0001	1.012229
SITE_X5	1	171.917	15.254116	11.270	0.0001	1.002168
SITE_X6	1	142.643	4.711391	30.272	0.0001	1.034759
SITE_X7	1	122.083	5.496241	22.212	0.0001	1.025046
SITE_X8	1	129.164	5.476320	23.586	0.0001	1.038042
SITE_X9	1	134.590	5.196128	25.902	0.0001	1.062489
SITE_X10	1	126.974	6.155514	20.628	0.0001	1.038466
SITE_X11	1	120.146	4.537790	26.477	0.0001	1.036421
SITE_X12	1	125.115	5.042232	24.813	0.0001	1.061493
SITE_X13	1	141.028	6.149709	22.933	0.0001	1.005237
SITE_X14	1	125.339	6.551750	19.131	0.0001	1.028165
SITE_X15	1	134.283	3.749042	35.818	0.0001	1.019933
SITE_X16	1	122.768	6.107369	20.102	0.0001	1.017950
SITE_X17	1	133.761	4.650672	28.762	0.0001	1.017531
SITE_X18	1	132.095	5.567004	23.728	0.0001	1.139271
SITE_X19	1	130.323	3.755607	34.701	0.0001	1.069444
SITE_X20	1	135.812	7.483019	18.096	0.0001	1.085895
SITE_X21	1	142.443	4.556414	31.262	0.0001	1.070979
SITE_X22	1	125.258	6.278463	19.950	0.0001	1.022265
SITE_X23	1	134.937	5.264490	25.631	0.0001	1.010921
SITE_X24	1	133.195	5.520375	24.128	0.0001	1.006150
SITE_X25	1	123.917	5.547888	22.336	0.0001	1.041401
SITE_X26	1	130.004	5.301461	24.522	0.0001	1.041478
SITE_X27	1	114.147	4.196160	27.203	0.0001	1.073965
SITE_X28	1	134.440	5.900153	22.786	0.0001	1.024361

TEH 0351092

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X29	1	127.942	5.578822	22.933	0.0001	1.015344
SITE_X30	1	117.971	5.851909	20.159	0.0001	1.028826
SITE_X31	1	131.827	6.027743	21.870	0.0001	1.015301
SITE_X32	1	116.098	6.542188	17.746	0.0001	1.047870
SITE_X33	1	134.637	4.993313	26.964	0.0001	1.019935
SITE_X34	1	125.036	4.159644	30.059	0.0001	1.138719
SITE_X35	1	132.558	6.314669	20.992	0.0001	1.032487
SITE_X36	1	144.854	5.234871	27.671	0.0001	1.063967
SITE_X37	1	137.661	13.866697	9.927	0.0001	1.020549
SITE_X38	1	134.720	8.971512	15.016	0.0001	1.037815
SITE_X39	1	124.953	7.208988	17.333	0.0001	1.024540
SITE_X40	1	125.575	5.038550	24.923	0.0001	1.011239
SITE_X41	1	138.502	4.629121	29.920	0.0001	1.052871
SITE_X42	1	123.362	6.142716	20.083	0.0001	1.031641
SITE_X43	1	122.575	4.672013	26.236	0.0001	1.043638
SITE_X44	1	129.524	5.244332	24.698	0.0001	1.014919
SITE_X45	1	125.087	6.383138	19.596	0.0001	1.002039
SITE_X46	1	121.176	4.439462	27.295	0.0001	1.014910
SITE_X47	0	0				
SITE_X48	1	135.052	4.471621	30.202	0.0001	1.003153
SITE_X49	1	135.361	5.536286	24.450	0.0001	1.023148
SITE_X50	1	125.216	4.435694	28.229	0.0001	1.019783
SITE_X51	1	140.094	4.716356	29.704	0.0001	1.030281
SITE_X52	1	131.505	5.098501	25.793	0.0001	1.036018
SITE_X53	1	117.318	5.645711	20.780	0.0001	1.041059
SITE_X54	1	127.527	5.818482	21.918	0.0001	1.013031
SITE_X55	1	135.252	4.977122	27.175	0.0001	1.152825
SITE_X56	1	120.736	8.196994	14.729	0.0001	1.066121
SITE_X57	1	134.249	5.504035	24.391	0.0001	1.017850
SITE_X58	1	126.788	5.352729	23.683	0.0001	1.020123
SITE_X59	1	128.107	5.809140	22.053	0.0001	1.098088
SITE_X60	1	130.436	5.983952	21.798	0.0001	1.027576
SITE_X61	1	122.551	9.258959	13.236	0.0001	1.007796
SITE_X62	1	132.875	5.435389	24.446	0.0001	1.042250
SITE_X63	1	126.117	5.120831	24.628	0.0001	1.041624
SITE_X64	1	119.697	6.826871	17.533	0.0001	1.020224
L_BLD_PB	1	3.932122	2.180389	1.803	0.0720	1.483431
AGE_Y	1	0.696432	0.127401	5.466	0.0001	1.233401
AGE_SQ	1	-0.00452352	0.022894	-0.198	0.8435	1.123057
BODYMASS	1	16360.728	1882.540	8.691	0.0001	1.128334
SERNALB	1	7.493489	2.770623	2.705	0.0871	1.320496
N_VIT_C	1	0.018261	0.007849788	2.326	0.0204	1.463223
N_RIBOFL	1	-1.982903	0.726263	-2.730	0.0066	1.623998
N_OLEC_A	1	0.075202	0.041473	1.813	0.0704	1.507718
S_VIT_C	1	-4.321677	1.699525	-2.543	0.0113	1.674958

TEH 0351093

RERUN OF PIRKLE ANALYSES-MODEL 4LS-SY_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

TEH 0351094

DUP050299760

SET 2. MODEL 4--WHITE MALES 40-59, SY_BLD_S DEPENDENT W LEAD WT 10:56 FRIDAY, MAY 3, 1985 29

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
SY_BLD_S	553	129.04326955	2046.09409981	872576652.000	90.00000000	210.00000000
BLOOD_PB	553	-0.05533028	798.30782792	-374137.382	-12.47197107	62.52802893
EXAM_DAT	553	769.24413359	46131.42570626	5201545753.000	50.00000000	1511.00000000

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0 / N = 553 / WEIGHT VAR=LEAD_WT

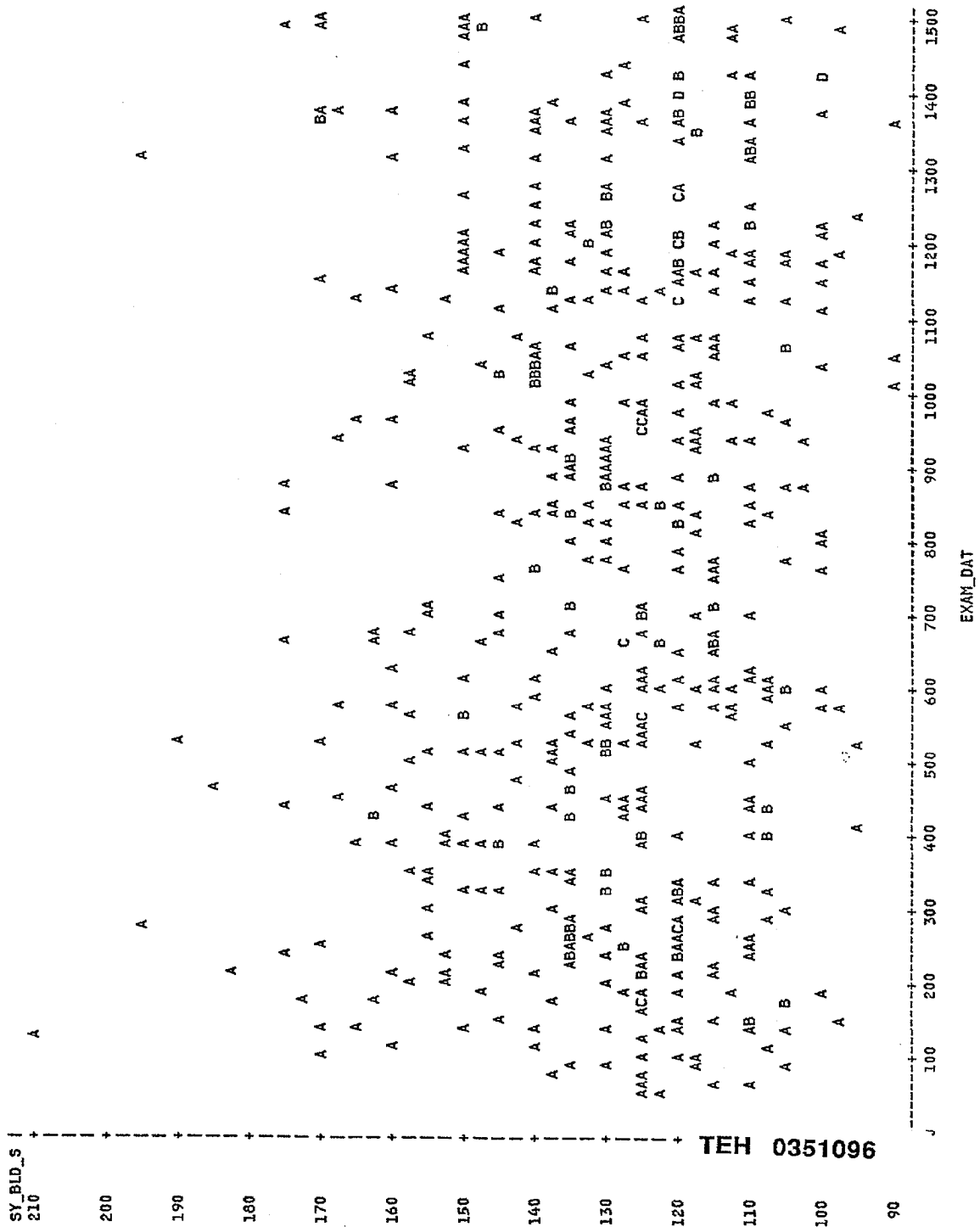
SY_BLD_S BLOOD_PB

EXAM_DAT -0.08813 -0.27559
0.0383 0.0001

TEH 0351095

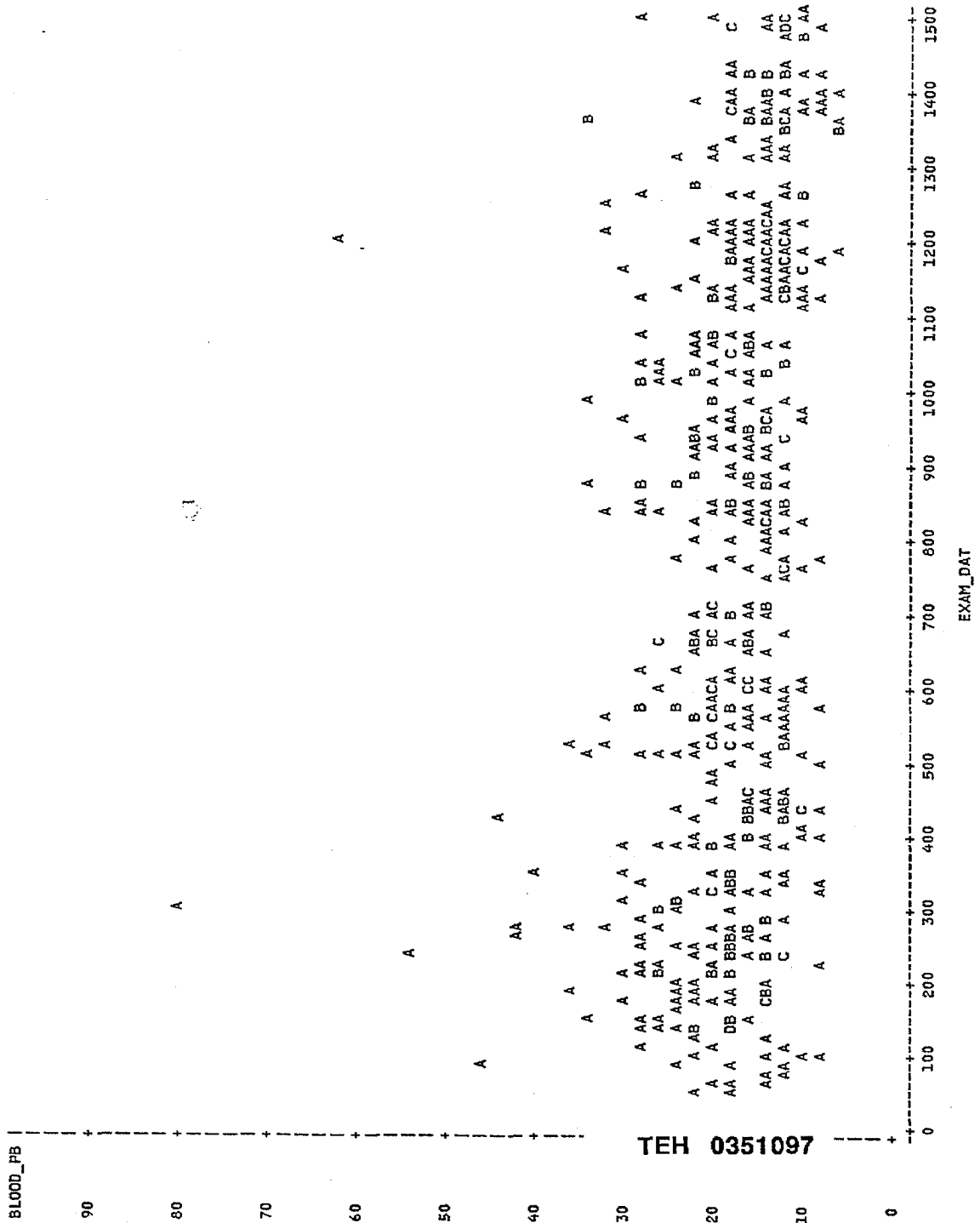
SET 2, MODEL 4--WHITE MALES 40-59, SY_BLD_S DEPENDENT W LEAD WT 10:56 FRIDAY, MAY 3, 1985 30

PLOT OF SY_BLD_S*EXAM_DAT LEGEND: A = 1 OBS, B = 2 OBS, ETC.



SET 2, MODEL 4--WHITE MALES 40-59, SY_BLD_S DEPENDENT W LEAD WT 10:56 FRIDAY, MAY 3, 1985 31

PLOT OF BLOOD_PB*EXAM_DAT LEGEND: A = 1 OBS, B = 2 OBS, ETC.



DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
DI_BLD_S	572208263.00000000	84.62250846	49358001723.00000000	1696201.34843540	1302.38294999
BLOOD_PB	-374137.36155518	-0.05533028	351807755.37175929	637295.38812584	798.30782792
AGE_YY	722550.00904161	0.10685619	232764044.44168979	421534.12228517	649.25659202
AGE_SQ	232764044.44168979	34.42291661	14573218916.24554600	11885510.18954279	3447.53682932
BODYMASS	-40.15414776	-0.00000594	0.97508186	0.00176602	0.04202405
SERM_ALB	-2386.62251523	-0.00035295	526706.76759349	954.17740078	30.88976807
N_VIT_C	-5129843.22493590	-0.75864022	72711583408.73593000	131716832.79592472	11476.79540621
N_RIBOFL	-27259.28826450	-0.00403131	9427310.51052298	17078.26199250	130.60382453
N_OLEC_A	-5134641.69344273	-0.75934985	2687916393.53315510	4862350.36978284	2205.07377876
S_VIT_C	170142.49906408	0.02516197	1779838.86603356	3216.59011992	56.71499026

TEH 0351098

RERUN OF PIRKLE ANALYSES--MODEL 4-DI_BLD_S DEPENDENT W LEAD WT

DEP VARIABLE: DI_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	9	164698259	18299807	12.878	0.0001
ERROR	543	771604885	1421003		
C TOTAL	552	936303144			
ROOT MSE		1192.059	R-SQUARE	0.1759	
DEP MEAN		84.622508	ADJ R-SQ	0.1622	
C.V.		1408.678			

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
INTERCEP	1	84.829142	0.685489	123.750	0.0001	0.000000
BLOOD_PB	1	0.199188	0.064833	3.072	0.0022	1.040571
AGE_Y	1	0.182594	0.080245	2.275	0.0233	1.054417
AGE_SQ	1	-0.00394283	0.014839	-0.266	0.7906	1.016595
BODYMASS	1	11528.583	1217.905	9.466	0.0001	1.017576
SERUM_ALB	1	4.265424	1.680015	2.539	0.0114	1.046164
N_VIT_C	1	0.005971412	0.004683144	1.223	0.2219	1.220069
N_RIBOFL	1	-0.606340	0.450570	-1.346	0.1790	1.346827
N_OLEC_A	1	-0.021648	0.026678	-0.811	0.4175	1.344270
S_VIT_C	1	-0.945365	0.978536	-0.966	0.3344	1.196447

TEH 0351099

RERUN OF PIRKLE ANALYSES--MODEL 4-DI_BLD_S DEPENDENT W LEAD WT

10:56 FRIDAY, MAY 3,

TEH 0351100

DUP050299766

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
DI_BLD_S	572208263.00000000	84.62250846	49358001723.00000000	1696201.34843540	1302.38294999
SITE_X1	90590.00000000	0.013339714	90590.00000000	161.91368346	12.72453078
SITE_X2	57968.00000000	0.00857275	57968.00000000	104.11422991	10.20363807
SITE_X3	28477.00000000	0.00421140	28477.00000000	51.37150742	7.16739195
SITE_X4	19295.00000000	0.00285349	19295.00000000	34.85496718	5.90380955
SITE_X5	13213.00000000	0.00195404	13213.00000000	23.88982117	4.88772147
SITE_X6	145843.00000000	0.02156837	145843.00000000	258.50978980	16.07823964
SITE_X7	105543.00000000	0.01560850	105543.00000000	188.21672454	13.71921006
SITE_X8	107695.00000000	0.01592676	107695.00000000	191.99233347	13.85612982
SITE_X9	122717.00000000	0.01814832	122717.00000000	218.27879030	14.77426107
SITE_X10	84985.00000000	0.01256823	84985.00000000	152.02334991	12.32977493
SITE_X11	157793.00000000	0.02333563	157793.00000000	279.18623399	16.70886693
SITE_X12	130350.00000000	0.01927715	130350.00000000	231.58917323	15.21805419
SITE_X13	82389.00000000	0.01218431	82389.00000000	147.43686004	12.142335809
SITE_X14	74152.00000000	0.01096616	74152.00000000	132.86021230	11.52650044
SITE_X15	230010.00000000	0.03401563	230010.00000000	402.51098823	20.06267650
SITE_X16	84620.00000000	0.01251425	84620.00000000	151.37870336	12.30360530
SITE_X17	147253.00000000	0.02177689	147253.00000000	260.95341874	16.15405270
SITE_X18	114495.00000000	0.01693239	114495.00000000	203.90638746	14.27957939
SITE_X19	240728.00000000	0.03560069	240728.00000000	420.57593812	20.50794817
SITE_X20	59908.00000000	0.00885965	59908.00000000	107.56745662	10.37147321
SITE_X21	161823.00000000	0.02393162	161823.00000000	286.14187350	16.91572858
SITE_X22	80359.00000000	0.01188410	80359.00000000	143.84783626	11.99365817
SITE_X23	113592.00000000	0.01679885	113592.00000000	202.32569781	14.22412380
SITE_X24	102649.00000000	0.01518051	102649.00000000	183.13539015	13.53275250
SITE_X25	105235.00000000	0.01556295	105235.00000000	187.67614630	13.69949438
SITE_X26	115431.00000000	0.01707081	115431.00000000	205.54438203	14.33681910

TEH 0351101

RERUN OF PIRKLE ANALYSES--MODEL 4S-DI_BLD S DEPENDENT W LEAD WT				10:56 FRIDAY, MAY 3, 1985	36
192219.00000000				0.02842681	192219.00000000
192219.00000000				0.02842681	18.39358483
SITE_X27	192219.00000000	0.02842681	192219.00000000	0.02842681	18.39358483
SITE_X28	91331.00000000	0.01350672	91331.00000000	163.21995926	12.77575670
SITE_X29	101409.00000000	0.01499713	101409.00000000	180.95680370	13.45201857
SITE_X30	93275.00000000	0.01379422	93275.00000000	166.64555161	12.90912668
SITE_X31	86671.00000000	0.01281757	86671.00000000	155.00016069	12.444990605
SITE_X32	75813.00000000	0.01121180	75813.00000000	135.80253549	11.65343449
SITE_X33	127661.00000000	0.01887948	127661.00000000	226.90367173	15.063332207
SITE_X34	207899.00000000	0.03074568	207899.00000000	365.04891826	19.10625338
SITE_X35	80233.00000000	0.01186547	80233.00000000	143.62499649	11.98436467
SITE_X36	121045.00000000	0.01790105	121045.00000000	215.35899784	14.67511492
SITE_X37	16290.00000000	0.00240909	16290.00000000	29.43977525	5.42584328
SITE_X38	39713.00000000	0.00587306	39713.00000000	71.52131006	8.45702726
SITE_X39	60911.00000000	0.00900798	60911.00000000	109.35201960	10.45715160
SITE_X40	124246.00000000	0.01837444	124246.00000000	220.94755243	14.86430464
SITE_X41	153945.00000000	0.02276456	153945.00000000	272.53659850	16.50868252
SITE_X42	84776.00000000	0.01253732	84776.00000000	151.65423226	12.31479729
SITE_X43	149710.00000000	0.02214025	149710.00000000	265.20902666	16.28523953
SITE_X44	114943.00000000	0.01699864	114943.00000000	204.69044343	14.30700680
SITE_X45	76159.00000000	0.01126297	76159.00000000	136.41525963	11.67969433
SITE_X46	161530.00000000	0.02388828	161530.00000000	285.63645906	16.90078279
SITE_X47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
SITE_X48	157269.00000000	0.02325814	157269.00000000	278.28118894	16.68176217
SITE_X49	103802.00000000	0.01535103	103802.00000000	185.16038495	13.60736510
SITE_X50	162608.00000000	0.02404771	162608.00000000	287.49574348	16.95569944
SITE_X51	144923.00000000	0.02143232	144923.00000000	256.91479094	16.02856172
SITE_X52	124316.00000000	0.01838480	124316.00000000	221.06970252	14.86841291
SITE_X53	101530.00000000	0.01501503	101530.00000000	181.16942785	13.45991931
SITE_X54	92896.00000000	0.01373817	92896.00000000	165.97786098	12.88323954
SITE_X55	145629.00000000	0.02153672	145629.00000000	258.13881967	16.06669909
SITE_X56	48937.00000000	0.00723718	48937.00000000	88.01238104	9.38149141

TEH 0351102

RERUN OF PIRKLE ANALYSES--MODEL 4S-DI BLD S DEPENDENT W LEAD WT				10:56 FRIDAY, MAY 3, 1985	37
SITE_X57	104489.00000000	0.01545263	104489.00000000	186.36661300	13.65161577
SITE_X58	110832.00000000	0.01639068	110832.00000000	197.49164544	14.05317208
SITE_X59	101145.00000000	0.01495809	101145.00000000	180.49286925	13.43476346
SITE_X60	89039.00000000	0.01316776	89039.00000000	159.17854246	12.61659790
SITE_X61	36188.00000000	0.00535176	36188.00000000	65.20712071	8.07509261
SITE_X62	109801.00000000	0.01623821	109801.00000000	195.68483454	13.98873956
SITE_X63	123893.00000000	0.01832224	123893.00000000	220.33152693	14.84356054
SITE_X64	67703.00000000	0.01001243	67703.00000000	121.42233361	11.01918026
BLOOD_PB	-374137.38155518	-0.05533028	351807755.37175929	637295.38812584	798.30782792
AGE_YY	722550.00904161	0.10685619	232764044.44168979	421534.12228517	649.25659202
AGE_SQ	232764044.44168979	36.42291661	14573218916.24554600	11885510.18954279	3447.53682932
BODYMASS	-40.15414776	-0.00000594	0.97508188	0.00176602	0.04202405
SERM_ALB	-2386.62251523	-0.00035295	526706.76759349	954.17740078	30.88976207
N_VIT_C	-5129843.22493590	-0.75864022	72711583408.73593000	131716832.79592472	11476.79544621
N_RIBOFL	-27259.28826450	-0.00403131	9427310.51052298	17078.26199250	130.68382453
N_OLEC_A	-5134641.69344273	-0.75934985	2687916393.53315510	4862350.36978284	2205.07377876
S_VIT_C	170142.49906408	0.02516197	1779838.86603356	3216.59011992	56.71499026

TEH 03511103

