

Model $\Sigma_1, \Sigma_2, \Sigma_3$

$$Y = S_{45} + D_{105}$$
$$W_t = \log W_t$$

WMales 40-55

[illegible]

TEH 0351134

N36730

IAT6140 JOB ORIGIN FROM GROUP=ANYLOCAL, DSP=IR , DEVICE=INTRDR , 000 * CLI
//CAP363R JOB CCL5302,MSGCLASS=L, ==X.G.PFEIFER, L5185 *
// USER=CAP363,PASSWORD=,MSGLEVEL=(0,0),
// CLASS=D,PTY=5 SAS
10:52:15 IAT2000 JOB 2167 CAP363R SELECTED SYNC GRP=BA1CH
10:52:15 ICH700011 CAP363 LAST ACCESS AT 10:47:09 ON FRIDAY, MAY 3, 1985
10:52:15 IEF4031 CAP363R - STARTED - TIME=10.52.05
10:53:36 IEF4041 CAP363R - ENDED - TIME=10.53.25
10:53:36 IAT5400 JOB 2167 (CAP363R) IN BREAKDOWN

TEH 0351135

```

//CAP363R JOB CCL5302,MSGCLASS=L,==>C.G.PFEIFER,LS185
//      USER=CAP363,PASSWORD=,MSGLEVEL=(0,0),
//      CLASS=D,PRTY=5      SAS
1      //CAP363R JOB CCL5302,MSGCLASS=L,==>C.G.PFEIFER,LS185
//      USER=CAP363,PASSWORD=,MSGLEVEL=(0,0),
//      CLASS=D,PRTY=5      SAS

```

```

* CLI
*

```

```

* CLI
*

```

TEH 0351136

ICH70001I CAP363 LAST ACCESS AT 10:47:09 ON FRIDAY, MAY 3, 1985
IEF142I CAP363R SAS LISTRECS - STEP WAS EXECUTED - COND CODE 0000
CAP363R SAS SASLPA 10:52 10:53 \$00013.28 000.84 1060K 00/0002456 00/0000000 ***
CAP363R ENDED TOTAL COST \$ 00013.28 10:52 10:53 05.123 ID=P3BN

TEH 0351137

[illegible]

N36730.01

[illegible]

DEP VARIABLE: SY_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	8	447638349	55954794	16.614	0.0001
ERROR	566	1906258558	3367948		
C TOTAL	574	2353896907			
ROOT MSE		1835.197	R-SQUARE	0.1902	
DEP MEAN		129.061	ADJ R-SQ	0.1787	
C.V.		1421.959			

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
INTERCEP	1	129.689	1.032405	125.618	0.0001	0.000000
BLOOD_PB	1	0.316808	0.099487	3.184	0.0015	1.061534
AGE_Y	1	0.574804	0.121464	4.732	0.0001	1.049069
AGE_SQ	1	-0.016513	0.022526	-0.733	0.4638	1.020221
BODYMASS	1	17195.251	1856.194	9.264	0.0001	1.024087
N_POTASS	1	-0.000726233	0.0005949659	-1.221	0.2227	1.228991
HEMOGLBN	1	0.852939	0.668797	1.275	0.2027	1.073004
SERN_ALB	1	5.846950	2.543991	2.298	0.0219	1.075028
N_VIT_C	1	0.012826	0.007429776	1.726	0.0848	1.227361

TEH 0351140

RERUN OF PIRKLE ANALYSES--MODEL 3-SY_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1968

TEH 0351141

DUP050299778

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
SY_BLD_S	907647437.00000000	129.06120375	119495967707.00000000	4100865.69207934	2025.05942927
SITE_X1	90590.00000000	0.01288127	90590.00000000	155.78934752	12.48156030
SITE_X2	57968.00000000	0.00824265	57968.00000000	100.15712558	10.00785320
SITE_X3	28477.00000000	0.00404923	28477.00000000	49.41060974	7.02926808
SITE_X4	19295.00000000	0.00274362	19295.00000000	33.52275598	5.78988393
SITE_X5	80215.00000000	0.01140602	80215.00000000	138.15342533	11.75386853
SITE_X6	145843.00000000	0.02073787	145843.00000000	248.81276490	15.77379995
SITE_X7	105543.00000000	0.01500749	105543.00000000	181.11333341	13.45783613
SITE_X8	116504.00000000	0.01656607	116504.00000000	199.60624940	14.12820758
SITE_X9	122717.00000000	0.01744951	122717.00000000	210.06210520	14.49351942
SITE_X10	84985.00000000	0.01208428	84985.00000000	146.26832301	12.09414416
SITE_X11	157793.00000000	0.02243708	157793.00000000	268.73278904	16.39306954
SITE_X12	130350.00000000	0.01833487	130350.00000000	222.88149756	14.92921624
SITE_X13	82389.00000000	0.01171515	82389.00000000	141.85331136	11.91021878
SITE_X14	89804.00000000	0.01276951	89804.00000000	154.45513413	12.42799799
SITE_X15	247663.00000000	0.03521597	247663.00000000	416.27405440	20.40279526
SITE_X16	84620.00000000	0.01203238	84620.00000000	145.64777001	12.06846179
SITE_X17	147253.00000000	0.02093836	147253.00000000	251.16683549	15.84824392
SITE_X18	114495.00000000	0.01628040	114495.00000000	196.22121203	14.00789820
SITE_X19	240728.00000000	0.03422986	240728.00000000	405.03120917	20.12538718
SITE_X20	69288.00000000	0.00985228	69288.00000000	119.52152531	10.93259006
SITE_X21	194876.00000000	0.02771002	194876.00000000	330.09752893	18.16658632
SITE_X22	80359.00000000	0.01142650	80359.00000000	138.39856839	11.76429209
SITE_X23	113592.00000000	0.01615200	113592.00000000	194.69906300	13.95346061
SITE_X24	102649.00000000	0.01459598	102649.00000000	176.22079667	13.27481814
SITE_X25	121593.00000000	0.01728969	121593.00000000	208.17194293	14.42816492
SITE_X26	127502.00000000	0.01812990	127502.00000000	218.10174370	14.76826813

TEH 0351142

	RERUN OF PIRKLE ANALYSES--MODEL 35-SY_BLD_S DEPENDENT W LEAD WT				10:52 FRIDAY, MAY 3, 1
SITE_X27	192219.00000000	0.02733222	192219.00000000	325.72339518	18.0
SITE_X28	91331.00000000	0.01298664	91331.00000000	157.04689435	12.5
SITE_X29	101409.00000000	0.01441966	101409.00000000	174.12319979	13.1
SITE_X30	93275.00000000	0.01326306	93275.00000000	160.34475251	12.6
SITE_X31	86671.00000000	0.01232402	86671.00000000	149.13391117	12.2
SITE_X32	75813.00000000	0.01078009	75813.00000000	130.65458079	11.4
SITE_X33	127661.00000000	0.01815251	127661.00000000	218.36869682	14.7
SITE_X34	207899.00000000	0.02956180	207899.00000000	351.48629026	18.7
SITE_X35	80233.00000000	0.01140858	80233.00000000	138.18406877	11.7
SITE_X36	130030.00000000	0.01848937	130030.00000000	222.34464696	14.9
SITE_X37	16290.00000000	0.00231633	16290.00000000	28.31405410	5.3
SITE_X38	39713.00000000	0.00564691	39713.00000000	68.79572139	8.2
SITE_X39	60911.00000000	0.00866112	60911.00000000	105.19763463	10.2
SITE_X40	124246.00000000	0.01766692	124246.00000000	212.63232640	14.5
SITE_X41	153945.00000000	0.02188992	153945.00000000	262.32605703	16.1
SITE_X42	84776.00000000	0.01205456	84776.00000000	145.91300074	12.0
SITE_X43	149710.00000000	0.02128773	149710.00000000	255.26657503	15.9
SITE_X44	114943.00000000	0.01634410	114943.00000000	196.97623681	14.0
SITE_X45	76159.00000000	0.01082928	76159.00000000	131.24434239	11.4
SITE_X46	161530.00000000	0.02296845	161530.00000000	274.94757145	16.5
SITE_X47	0.00000000	0.00000000	0.00000000	0.00000000	0.0
SITE_X48	157269.00000000	0.02236257	157269.00000000	267.86073429	16.3
SITE_X49	103802.00000000	0.01475993	103802.00000000	178.17053994	13.3
SITE_X50	162608.00000000	0.02312174	162608.00000000	276.73906061	16.6
SITE_X51	144923.00000000	0.02060705	144923.00000000	247.27624456	15.7
SITE_X52	169165.00000000	0.02405410	169165.00000000	287.62349976	16.9
SITE_X53	114615.00000000	0.01629746	114615.00000000	196.42346056	14.0
SITE_X54	92896.00000000	0.01320917	92896.00000000	159.70195281	12.6
SITE_X55	145629.00000000	0.02070744	145629.00000000	248.45539434	15.7
SITE_X56	65173.00000000	0.00926715	65173.00000000	112.48960273	10.6

TEH 0351143

	RERUN OF PIRKLE ANALYSES--MODEL 3S-SY BLD S DEPENDENT W LEAD WT			10:52 FRIDAY, MAY 3, 1985		6
SITE_X57	104489.00000000	0.01485761	104489.00000000	179.33195588	13.39148819	
SITE_X58	110832.00000000	0.01575955	110832.00000000	190.04414290	13.78564989	
SITE_X59	101145.00000000	0.01438212	101145.00000000	173.67851629	13.17863864	
SITE_X60	96704.00000000	0.01375064	96704.00000000	166.15724382	12.89019953	
SITE_X61	36188.00000000	0.00514568	36188.00000000	62.72088500	7.91965182	
SITE_X62	109801.00000000	0.01561294	109801.00000000	188.30432589	13.72240234	
SITE_X63	123893.00000000	0.01761673	123893.00000000	212.03904266	14.56156045	
SITE_X64	67703.00000000	0.00962690	67703.00000000	116.81398958	10.80805207	
BLOOD_PB	-237299.02608700	-0.03374228	361226834.78317695	629301.09367936	793.28500155	
AGE_YY	938600.83478262	0.13346256	239609268.65454724	417219.51320759	645.92531550	
AGE_SQ	239609268.65454724	34.07078496	14935404176.69651300	11797436.08157391	3434.73959443	
BODYMASS	-46.33518889	-0.00000659	1.00135513	0.00174399	0.04176110	
N_POTASS	-128692742.00811240	-18.2992200711695458925888.21200000	20371261235.33194600	142727.92731394		
HEMOGLBN	-141992.06618764	-0.02019029	8082247.82293314	14075.57658820	118.64053518	
SERN_ALB	-2061.05904531	-0.00029307	559485.22962027	974.71189127	31.22037622	
N_VIT_C	-6535031.98384348	-0.92923646	74889612069.82745000	130459128.01362112	11421.87060046	

TEH 0351144

RERUN OF PIRKLE ANALYSES--MODEL 35-SY_BLD_S DEPENDENT N LEAD HT

DEP VARIABLE: SY_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	71	117926168782	1660931955	533.259	0.0001
ERROR	504	1569798925	3114680		
U TOTAL	575	119495967707			
ROOT MSE		1764.846	R-SQUARE	0.9869	
DEP MEAN		129.061	ADJ R-SQ	0.9850	
C.V.		1367.449			

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	124.974	6.011948	20.788	0.0001	1.037688
SITE_X2	1	127.058	7.417549	17.129	0.0001	1.015550
SITE_X3	1	105.361	10.506546	10.028	0.0001	1.005168
SITE_X4	1	143.253	12.771864	11.216	0.0001	1.007736
SITE_X5	1	133.864	6.290210	21.281	0.0001	1.007373
SITE_X6	1	142.503	4.782551	29.797	0.0001	1.048794
SITE_X7	1	120.077	5.516365	21.767	0.0001	1.015675
SITE_X8	1	130.238	5.254373	24.787	0.0001	1.015581
SITE_X9	1	136.612	5.210881	26.217	0.0001	1.051159
SITE_X10	1	125.379	6.206879	20.202	0.0001	1.038272
SITE_X11	1	120.446	4.574082	26.332	0.0001	1.036160
SITE_X12	1	123.945	5.070357	24.445	0.0001	1.055965
SITE_X13	1	141.857	6.199430	22.882	0.0001	1.004712
SITE_X14	1	126.245	6.006015	21.020	0.0001	1.026771
SITE_X15	1	134.703	3.639094	37.016	0.0001	1.015931
SITE_X16	1	124.250	6.174035	20.125	0.0001	1.023152
SITE_X17	1	133.306	4.697629	28.377	0.0001	1.021453
SITE_X18	1	125.893	5.485678	22.949	0.0001	1.088191
SITE_X19	1	130.842	3.790334	34.520	0.0001	1.072363
SITE_X20	1	133.816	7.019454	19.064	0.0001	1.085303
SITE_X21	1	138.948	4.160635	33.396	0.0001	1.053077
SITE_X22	1	126.180	6.339190	19.905	0.0001	1.024938
SITE_X23	1	135.660	5.307916	25.558	0.0001	1.010905
SITE_X24	1	132.530	5.563306	23.822	0.0001	1.005128
SITE_X25	1	125.293	5.150073	24.328	0.0001	1.017530
SITE_X26	1	128.005	5.039754	25.399	0.0001	1.020884
SITE_X27	1	115.018	4.160215	27.647	0.0001	1.038912
SITE_X28	1	135.790	5.936993	22.872	0.0001	1.020142

TEH 0351145

RERUN OF PIRKLE ANALYSES--MODEL 3S-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	129.394	5.620163	23.023	0.0001	1.013568
SITE_X30	1	120.314	5.869148	20.499	0.0001	1.017896
SITE_X31	1	132.344	6.080423	21.766	0.0001	1.016114
SITE_X32	1	116.176	6.548241	17.742	0.0001	1.032458
SITE_X33	1	136.282	4.995681	27.280	0.0001	1.004334
SITE_X34	1	126.502	4.114403	30.746	0.0001	1.096530
SITE_X35	1	133.518	6.350007	21.026	0.0001	1.028845
SITE_X36	1	143.681	5.046526	28.471	0.0001	1.043542
SITE_X37	1	137.002	13.980818	9.799	0.0001	1.019919
SITE_X38	1	135.170	9.039097	14.954	0.0001	1.035881
SITE_X39	1	124.063	7.258192	17.093	0.0001	1.021319
SITE_X40	1	125.736	5.064765	24.826	0.0001	1.005186
SITE_X41	1	136.477	4.610143	29.604	0.0001	1.027469
SITE_X42	1	123.794	6.213174	19.925	0.0001	1.038053
SITE_X43	1	121.827	4.708140	25.833	0.0001	1.042776
SITE_X44	1	130.081	5.289053	24.594	0.0001	1.015472
SITE_X45	1	123.869	6.438597	19.238	0.0001	1.002709
SITE_X46	1	121.469	4.475859	27.143	0.0001	1.015082
SITE_X47	0	0				
SITE_X48	1	134.010	4.509946	29.714	0.0001	1.004038
SITE_X49	1	135.651	5.563948	24.380	0.0001	1.016484
SITE_X50	1	125.458	4.479182	28.009	0.0001	1.023213
SITE_X51	1	140.376	4.754477	29.525	0.0001	1.030117
SITE_X52	1	133.013	4.384816	30.335	0.0001	1.019120
SITE_X53	1	119.150	5.402648	22.054	0.0001	1.056587
SITE_X54	1	126.538	5.860935	21.590	0.0001	1.010980
SITE_X55	1	131.560	4.761708	27.629	0.0001	1.038179
SITE_X56	1	113.740	6.985508	16.282	0.0001	1.011595
SITE_X57	1	134.000	5.541976	24.179	0.0001	1.015045
SITE_X58	1	128.026	5.395161	23.730	0.0001	1.019440
SITE_X59	1	127.471	5.812770	21.930	0.0001	1.081448
SITE_X60	1	132.389	5.774257	22.927	0.0001	1.020963
SITE_X61	1	123.667	9.320382	13.268	0.0001	1.004102
SITE_X62	1	135.529	5.434048	24.941	0.0001	1.024721
SITE_X63	1	127.853	5.145742	24.808	0.0001	1.034690
SITE_X64	1	121.213	6.879081	17.621	0.0001	1.018718
BLOOD_PB	1	0.233057	0.109631	2.126	0.0340	1.393867
AGE_YT	1	0.623165	0.125603	4.961	0.0001	1.213000
AGE_SQ	1	-0.00990695	0.022762	-0.435	0.6636	1.128478
BODYMASS	1	17020.355	1877.676	9.065	0.0001	1.133140
N_FOTASS	1	-0.000817316	0.000616991	-1.325	0.1859	1.429137
HEMOGLOBIN	1	0.051502	0.706927	0.073	0.9418	1.296325
SERM_ALB	1	8.525429	2.733388	3.119	0.0019	1.342076
N_VIT_C	1	0.011818	0.007796401	1.516	0.1302	1.461374

TEH 0351146

RERUN OF PIRKLE ANALYSES--MODEL 3S-SY_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1

TEH 0351147

DUP050299784

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
SY_BLD_S	907647437.00000000	129.06120375	119495967707.00000000	4100865.69207934	2025.05942927
L_BLD_PB	-21196.48671105	-0.00301399	981992.08009313	1710.67829618	41.36032273
AGE_YY	938600.83478262	0.13346256	239609268.65454724	417219.51380759	645.92531550
AGE_SQ	239609268.65454724	34.07078496	14935404176.69651300	11797436.08157391	3434.73959443
BODYMASS	-46.33518889	-0.00000659	1.00135513	0.00174399	0.04176110
N_POTASS	-128692742.00811240	-18.2992200711695458925889	21200000	20371261235.33194600	142727.92731394
HEMOGLEN	-141992.06618764	-0.02019029	8082247.82293314	14075.57658820	118.64053518
SERN_ALB	-2061.05904531	-0.00029307	559485.22962027	974.71189127	31.22037622
N_VIT_C	-6535031.98384348	-0.92923646	74889612069.82745000	130459128.01362112	11421.87060046

TEH 0351148

DEP VARIABLE: SY_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	8	455643290	56955411	16.982	0.0001
ERROR	566	1898253617	3353805		
C TOTAL	574	2353896907			

ROOT MSE	1831.340
DEP MEAN	129.061
C.V.	1410.97

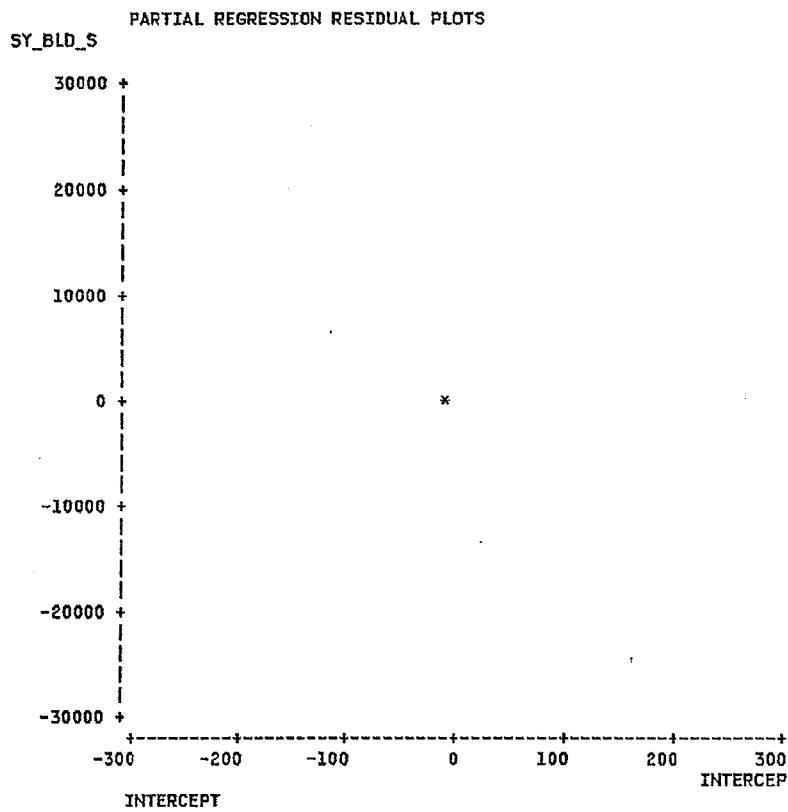
R-SQUARE	0.1936
ADJ R-SQ	0.1822

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
INTERCEP	1	129.674	1.029857	125.914	0.0001	0.000000
L_BLD_PB	1	6.738920	1.900727	3.545	0.0004	1.057746
AGE_Y	1	0.580691	0.121268	4.788	0.0001	1.050105
AGE_SQ	1	-0.015865	0.022462	-0.706	0.4803	1.018685
BODYMASS	1	17179.410	1850.128	9.286	0.0001	1.021695
N_POTASS	1	-0.000754148	0.0005939825	-1.270	0.2047	1.230097
HEMOGLBN	1	0.801972	0.667948	1.201	0.2304	1.074794
SERNALB	1	5.921519	2.538958	2.332	0.0200	1.075379
N_VIT_C	1	0.012771	0.007401134	1.726	0.0850	1.223052

TEH 0351149

RERUN OF PIRKLE ANALYSES--MODEL 3L-SY_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1

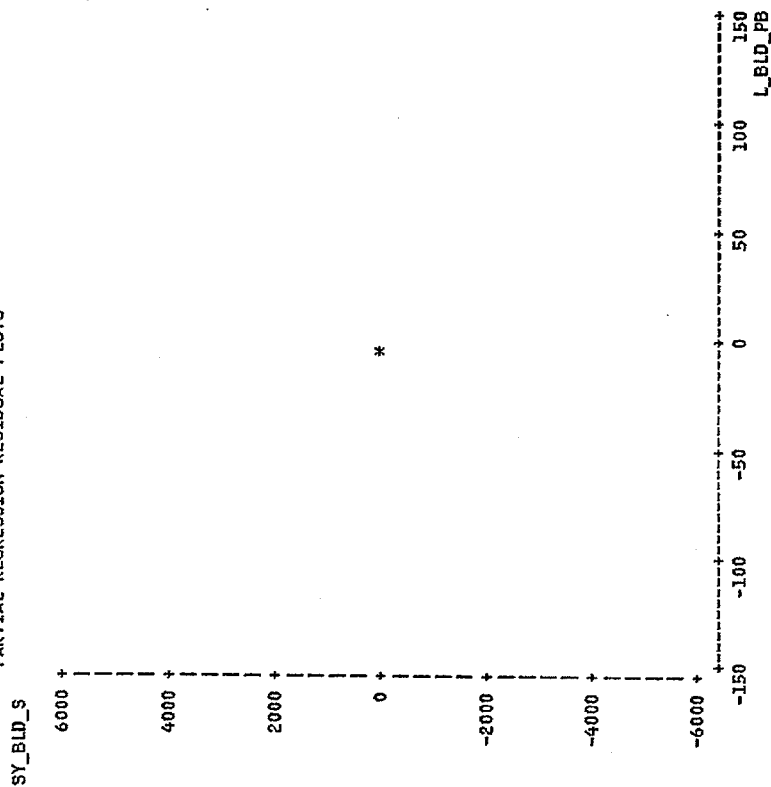


TEH 0351150

DUP050299787

RERUN OF PIRKLE ANALYSES--MODEL 3L-SY_BLD_S DEPENDENT W LEAD WT

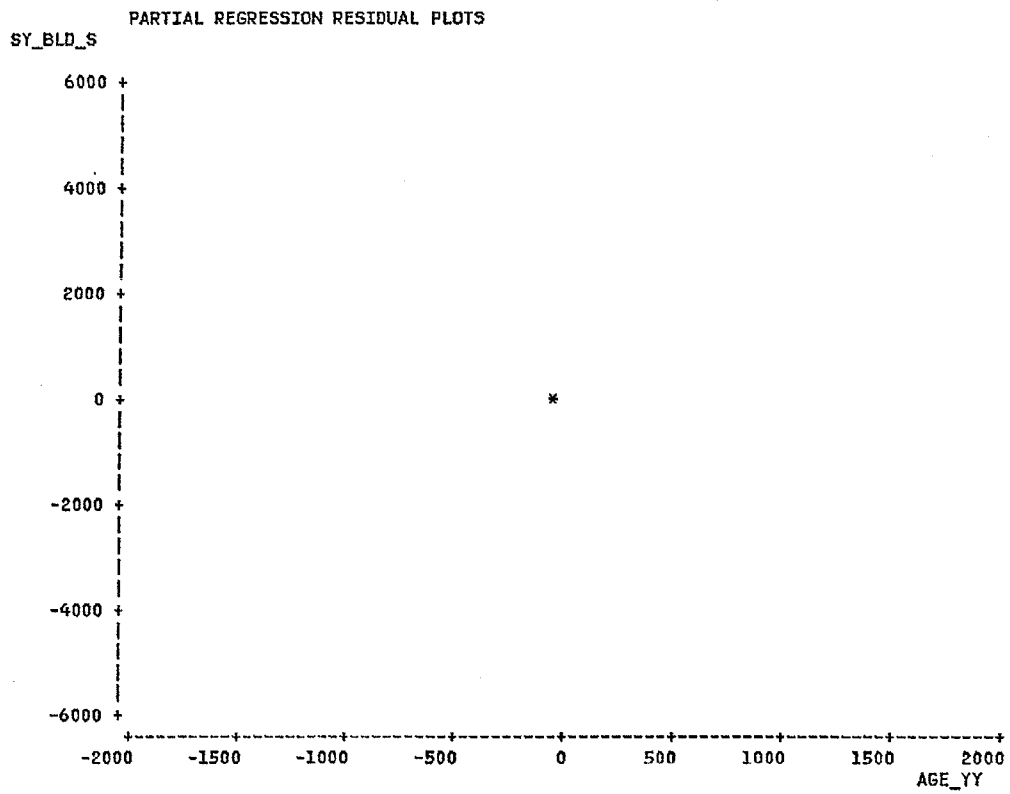
PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351151

RERUN OF PIRKLE ANALYSES--MODEL 3L-SY_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1980

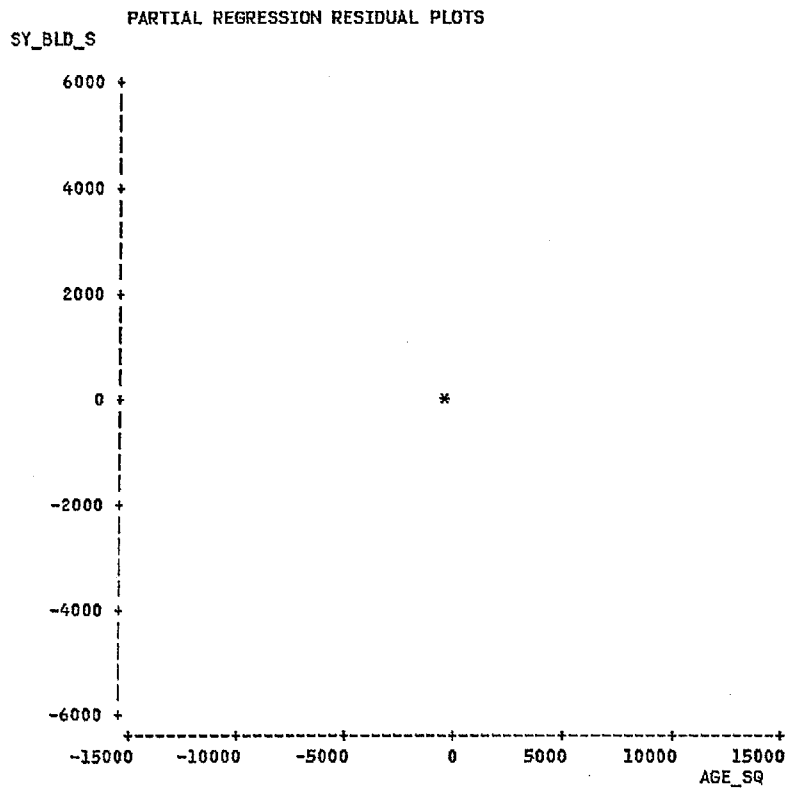


TEH 0351152

DUP060299789

RERUN OF PIRKLE ANALYSES--MODEL 3L-SY_BLD_S DEPENDENT W LEAD WT

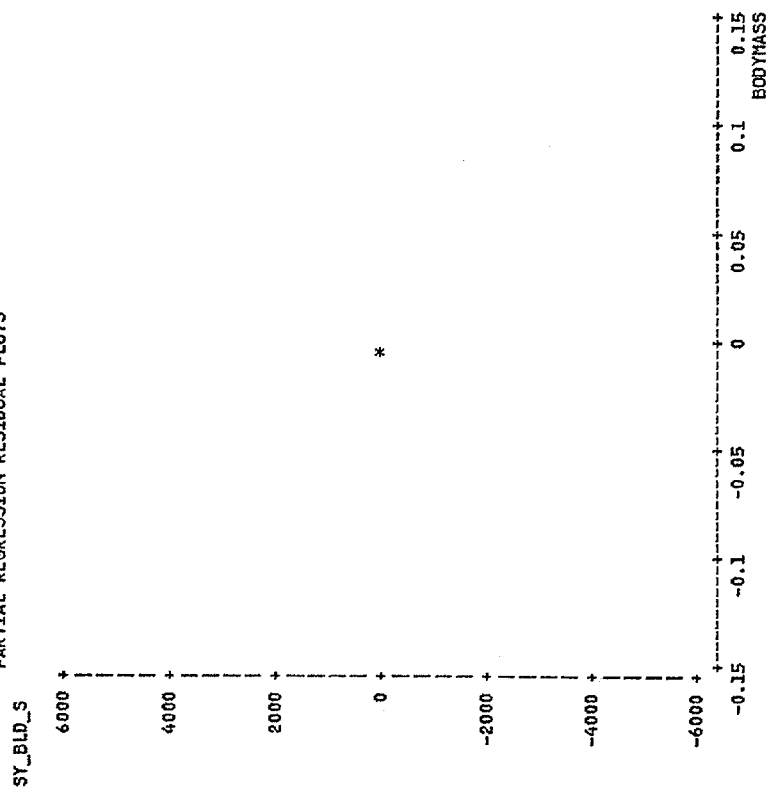
10:52 FRIDAY, MAY 3, 1



TEH 0351153

DUP060299790

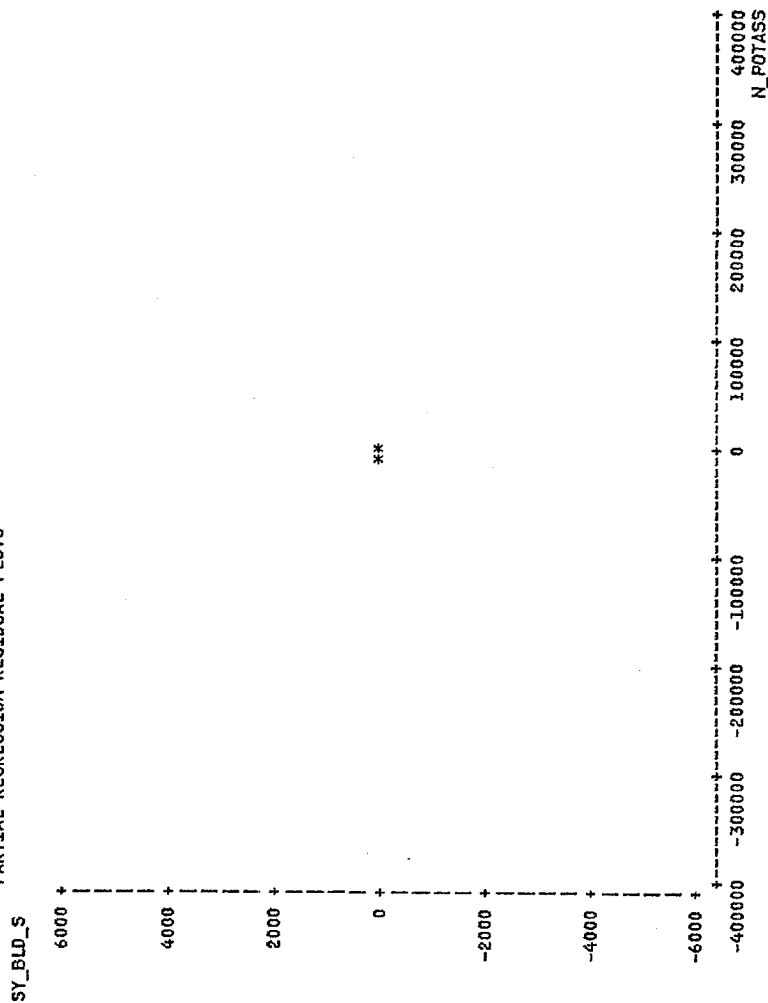
PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351154

RERUN OF PIRKLE ANALYSES--MODEL 3L-SY_BLD_S DEPENDENT W LEAD WT

PARTIAL REGRESSION RESIDUAL PLOTS

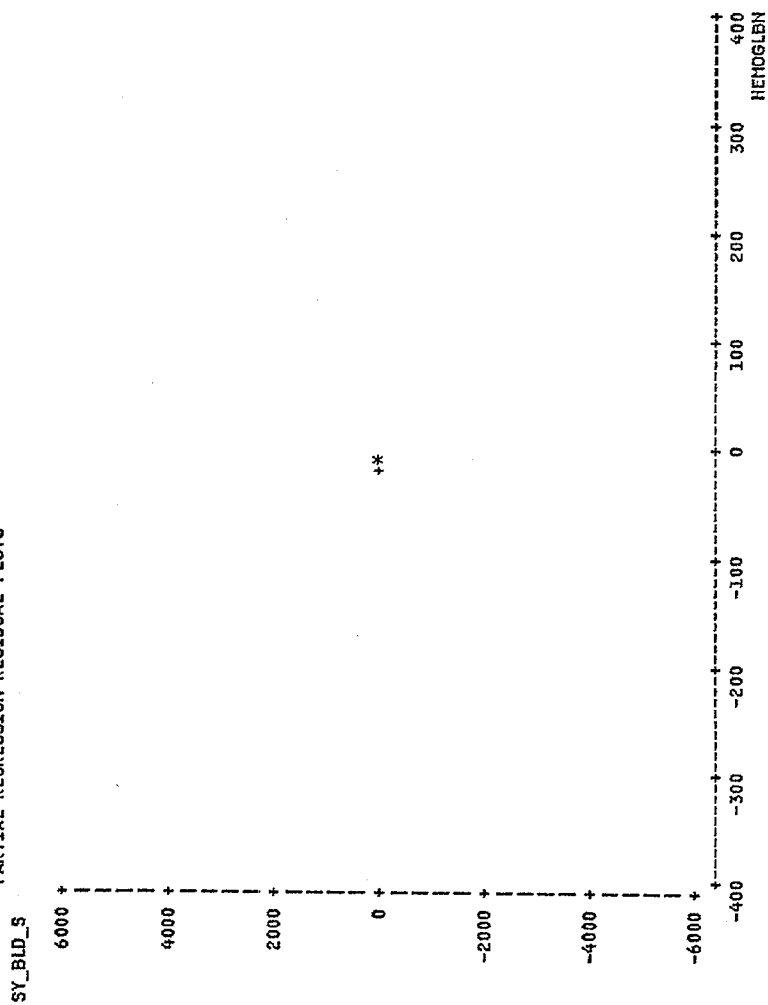


TEH 0351155

10:52 FRIDAY, MAY 3, 1985 18

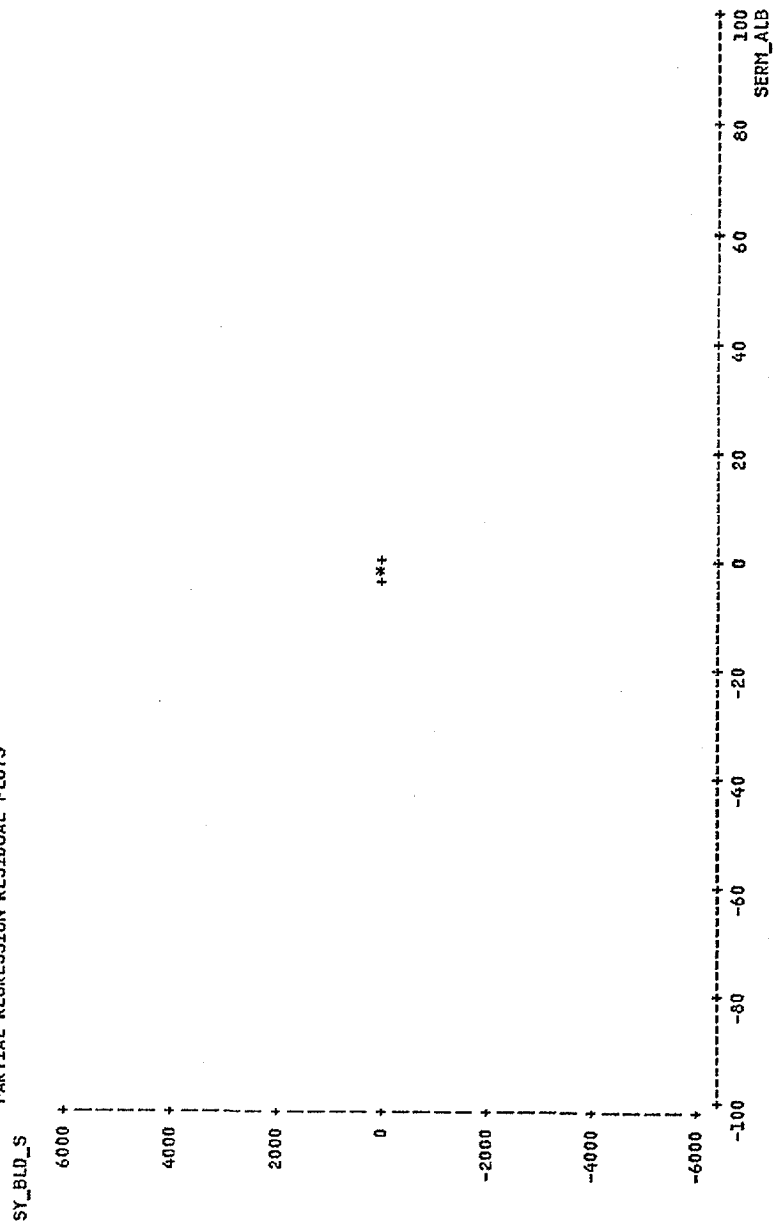
RERUN OF PIRKLE ANALYSES--MODEL 3L-SY_BLD_S DEPENDENT W LEAD WT

PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351156

PARTIAL REGRESSION RESIDUAL PLOTS

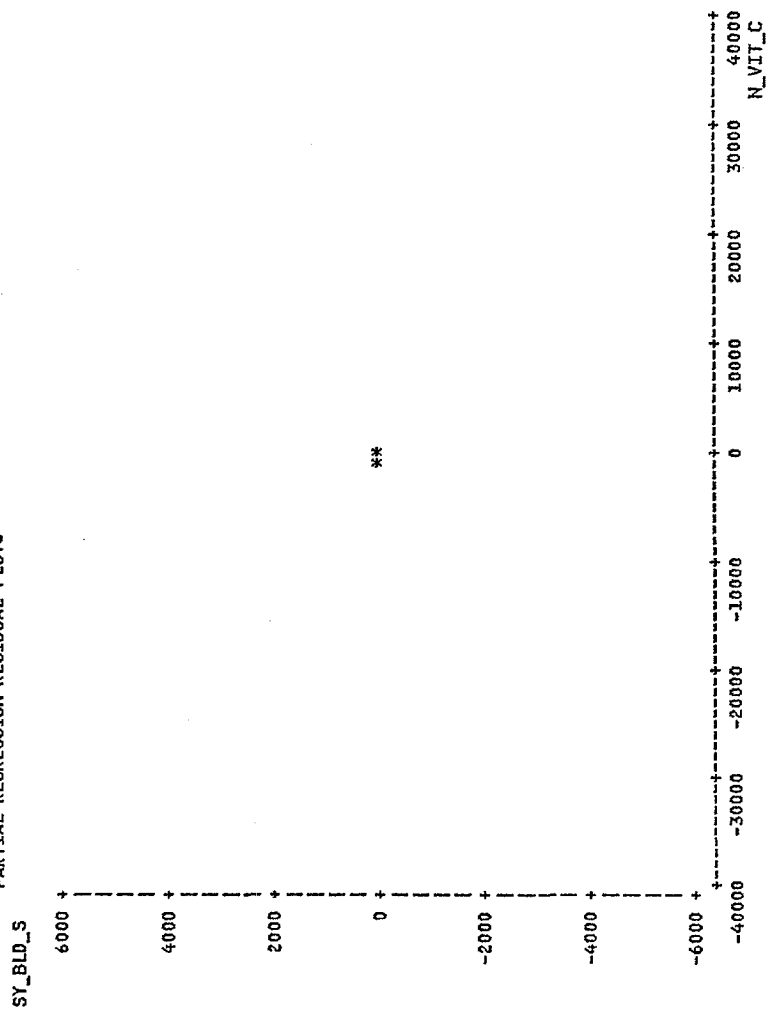


TEH 0351157

10:52 FRIDAY, MAY 3, 1985 20

RERUN OF PIRKLE ANALYSES--MODEL 3L-SY_BLD_S DEPENDENT W LEAD WT

PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351158

RERUN OF PIRKLE ANALYSES--MODEL 3L-SY_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1

TEH 0351159

DUP050299796

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
SY_BLD_S	907647437.00000000	129.06120375	119495967707.00000000	4100865.69207934	2025.05942927
SITE_X1	90590.00000000	0.01288127	90590.00000000	155.78934752	12.48156030
SITE_X2	57968.00000000	0.00824265	57968.00000000	100.15712558	10.00785320
SITE_X3	28477.00000000	0.00404923	28477.00000000	49.41060974	7.02926808
SITE_X4	19295.00000000	0.00274362	19295.00000000	33.52275598	5.78988393
SITE_X5	80215.00000000	0.01140602	80215.00000000	130.15342533	11.75366853
SITE_X6	145843.00000000	0.02073787	145843.00000000	248.81276490	15.77379995
SITE_X7	105543.00000000	0.01500749	105543.00000000	181.11335341	13.45783613
SITE_X8	116504.00000000	0.01656607	116504.00000000	199.60624940	14.12820758
SITE_X9	122717.00000000	0.01744951	122717.00000000	210.06210520	14.49351942
SITE_X10	84985.00000000	0.01208428	84985.00000000	146.26832301	12.09414416
SITE_X11	157793.00000000	0.02243708	157793.00000000	268.73272904	16.39306954
SITE_X12	130350.00000000	0.01853487	130350.00000000	222.88149756	14.92921624
SITE_X13	82389.00000000	0.01171515	82389.00000000	141.85331136	11.91021878
SITE_X14	89804.00000000	0.01276951	89804.00000000	154.45513413	12.42799799
SITE_X15	247663.00000000	0.03521597	247663.00000000	416.27405440	20.40279526
SITE_X16	84620.00000000	0.01203230	84620.00000000	145.64777001	12.06046179
SITE_X17	147253.00000000	0.02093836	147253.00000000	251.16683549	15.84824392
SITE_X18	114495.00000000	0.01628040	114495.00000000	196.22121203	14.00789820
SITE_X19	240728.00000000	0.03422986	240728.00000000	405.03120917	20.12538718
SITE_X20	69288.00000000	0.00985228	69288.00000000	119.52152531	10.93259006
SITE_X21	194876.00000000	0.02771002	194876.00000000	330.09752893	18.16858632
SITE_X22	80359.00000000	0.01142650	80359.00000000	138.39856839	11.76429209
SITE_X23	113592.00000000	0.01615200	113592.00000000	194.69906300	13.95346061
SITE_X24	102649.00000000	0.01459598	102649.00000000	176.22079667	13.27481814
SITE_X25	121593.00000000	0.01728969	121593.00000000	208.17194293	14.42816492
SITE_X26	127502.00000000	0.01812990	127502.00000000	218.10174370	14.76826813

TEH 0351160

RERUN OF PIRKLE ANALYSES-MODEL 3LS-SY BLD.S DEPENDENT W LEAD WT				10:52 FRIDAY, MAY 3, 1985		23
192219.00000000				0.0273222	192219.00000000	325.72339518
SITE_X27	192219.00000000	0.0273222	192219.00000000	325.72339518	18.04780860	
SITE_X28	91331.00000000	0.01298664	91331.00000000	157.04689435	12.53183523	
SITE_X29	101409.00000000	0.01441966	101409.00000000	174.12319979	13.19557501	
SITE_X30	93275.00000000	0.01326306	93275.00000000	160.34475251	12.66273085	
SITE_X31	86671.00000000	0.01232402	86671.00000000	149.13391117	12.21203960	
SITE_X32	75813.00000000	0.01078009	75813.00000000	130.65458079	11.43042347	
SITE_X33	127661.00000000	0.01815251	127661.00000000	218.36869682	14.77730344	
SITE_X34	207899.00000000	0.02956180	207899.00000000	351.48629026	18.74796763	
SITE_X35	80233.00000000	0.01140858	80233.00000000	138.18406877	11.75517200	
SITE_X36	130030.00000000	0.01848937	130030.00000000	222.34464696	14.91122554	
SITE_X37	16290.00000000	0.00231633	16290.00000000	28.31405410	5.32109520	
SITE_X38	39713.00000000	0.00564691	39713.00000000	68.79572139	8.29431862	
SITE_X39	60911.00000000	0.00866112	60911.00000000	105.19763463	10.25658981	
SITE_X40	124246.00000000	0.01766692	124246.00000000	212.63232640	14.58191779	
SITE_X41	153945.00000000	0.02188992	153945.00000000	262.32605703	16.19648286	
SITE_X42	84776.00000000	0.01205456	84776.00000000	145.91300074	12.07944538	
SITE_X43	149710.00000000	0.02128773	149710.00000000	255.26657503	15.97706403	
SITE_X44	114943.00000000	0.01634410	114943.00000000	196.97623681	14.03482229	
SITE_X45	76159.00000000	0.01082928	76159.00000000	131.24434239	11.45619232	
SITE_X46	161530.00000000	0.02296845	161530.00000000	274.94757145	16.58154310	
SITE_X47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
SITE_X48	157269.00000000	0.02236257	157269.00000000	267.86073429	16.36645149	
SITE_X49	103802.00000000	0.01475993	103802.00000000	178.17053994	13.34805379	
SITE_X50	162608.00000000	0.02312174	162608.00000000	276.73906061	16.63547597	
SITE_X51	144923.00000000	0.02060705	144923.00000000	247.27624456	15.72501970	
SITE_X52	169165.00000000	0.02405410	169165.00000000	287.62349976	16.95946638	
SITE_X53	114615.00000000	0.01629746	114615.00000000	196.42346056	14.01511543	
SITE_X54	92896.00000000	0.01320917	92896.00000000	159.70195281	12.63732380	
SITE_X55	145629.00000000	0.02070744	145629.00000000	248.45539434	15.76246790	
SITE_X56	65173.00000000	0.00926715	65173.00000000	112.48960273	10.60611157	

TEH 0351161

RERUN OF PIRKLE ANALYSES-MODEL 3LS-SY BLD S DEPENDENT W LEAD MT 10:52 FRIDAY, MAY 3, 1985 24			
SITE_X57	104469.00000000	0.01465761	104469.00000000
SITE_X58	110832.00000000	0.01575955	110832.00000000
SITE_X59	101145.00000000	0.01438212	101145.00000000
SITE_X60	96704.00000000	0.01375064	96704.00000000
SITE_X61	36188.00000000	0.00514568	36188.00000000
SITE_X62	109801.00000000	0.01561294	109801.00000000
SITE_X63	123893.00000000	0.01761673	123893.00000000
SITE_X64	67703.00000000	0.00962690	67703.00000000
L_BLD_PB	-21196.48671105	-0.00301399	981992.08009313
AGE_YY	938600.83478262	0.13346256	239609268.65454724
AGE_SQ	239609268.65454724	34.07078496	14935404176.69651300
BODYMASS	-46.33518889	-0.00000659	1.00135513
N_POTASS	-128692742.00811240	-18.299220071169545825868.21200000	20371261235.33194600
HEMOGLN	-141992.06618764	-0.02019029	8082247.82293314
SERM_ALB	-2061.05904531	-0.00029307	559465.22962027
N_VIT_C	-6535031.98384348	-0.92923646	74889612069.82745000

TEH 0351162

RERUN OF PIRKLE ANALYSES-MODEL 3LS-SY_BLD_S DEPENDENT W LEAD WT

DEP VARIABLE: SY_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	71	117930461598	1660992417	534.741	0.0001
ERROR	504	1565906109	3106163		
U TOTAL	575	119495967707			
ROOT MSE	1762.431	R-SQUARE	0.9869		
DEP MEAN	129.061	ADJ R-SQ	0.9851		
C.V.	1365.578				

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	124.788	6.005794	20.778	0.0001	1.038404
SITE_X2	1	126.986	7.404620	17.150	0.0001	1.014787
SITE_X3	1	105.229	10.490316	10.031	0.0001	1.004812
SITE_X4	1	143.763	12.761631	11.265	0.0001	1.008881
SITE_X5	1	133.511	6.284593	21.244	0.0001	1.008332
SITE_X6	1	142.490	4.775831	29.836	0.0001	1.048717
SITE_X7	1	120.017	5.508634	21.787	0.0001	1.015608
SITE_X8	1	130.578	5.254132	24.852	0.0001	1.018272
SITE_X9	1	136.220	5.211687	26.138	0.0001	1.054367
SITE_X10	1	125.219	6.194394	20.215	0.0001	1.037136
SITE_X11	1	120.176	4.572810	26.281	0.0001	1.038424
SITE_X12	1	123.509	5.076712	24.329	0.0001	1.061516
SITE_X13	1	141.564	6.194597	22.853	0.0001	1.005896
SITE_X14	1	125.933	6.000602	20.987	0.0001	1.027732
SITE_X15	1	134.618	3.633206	37.052	0.0001	1.015423
SITE_X16	1	123.992	6.169483	20.098	0.0001	1.024446
SITE_X17	1	133.343	4.691274	28.424	0.0001	1.021484
SITE_X18	1	126.398	5.419189	23.324	0.0001	1.064884
SITE_X19	1	131.420	3.815149	34.447	0.0001	1.089429
SITE_X20	1	133.527	7.013624	19.038	0.0001	1.086473
SITE_X21	1	138.860	4.146037	33.492	0.0001	1.048567
SITE_X22	1	126.098	6.329394	19.923	0.0001	1.024574
SITE_X23	1	135.539	5.298313	25.581	0.0001	1.010012
SITE_X24	1	132.529	5.523341	23.865	0.0001	1.004277
SITE_X25	1	125.139	5.144672	24.324	0.0001	1.018162
SITE_X26	1	128.020	5.031794	25.442	0.0001	1.020452
SITE_X27	1	115.894	4.210789	27.523	0.0001	1.067244
SITE_X28	1	135.874	5.926664	22.926	0.0001	1.019383

TEH 0351163

RERUN OF PIRKLE ANALYSES-MODEL 3LS-SY_BUD_S DEPENDENT W LEAD WT

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X29	1	129.311	5.612846	23.038	0.0001	1.013703
SITE_X30	1	120.406	5.860278	20.546	0.0001	1.017604
SITE_X31	1	132.669	6.077182	21.831	0.0001	1.017814
SITE_X32	1	116.422	6.542564	17.795	0.0001	1.033495
SITE_X33	1	136.330	4.986715	27.339	0.0001	1.003476
SITE_X34	1	126.979	4.128329	30.758	0.0001	1.106992
SITE_X35	1	133.172	6.343633	20.993	0.0001	1.027595
SITE_X36	1	144.098	5.050645	28.530	0.0001	1.048196
SITE_X37	1	137.284	13.983647	9.832	0.0001	1.020205
SITE_X38	1	134.737	9.032526	14.917	0.0001	1.037212
SITE_X39	1	123.780	7.247719	17.079	0.0001	1.021166
SITE_X40	1	125.559	5.059411	24.817	0.0001	1.005812
SITE_X41	1	136.317	4.604654	29.604	0.0001	1.027834
SITE_X42	1	123.426	6.212279	19.868	0.0001	1.040600
SITE_X43	1	121.479	4.703388	25.828	0.0001	1.043526
SITE_X44	1	129.742	5.287825	24.536	0.0001	1.017784
SITE_X45	1	123.760	6.429656	19.248	0.0001	1.002637
SITE_X46	1	121.385	4.467850	27.169	0.0001	1.014226
SITE_X47	0	0				
SITE_X48	1	134.139	4.505114	29.775	0.0001	1.004635
SITE_X49	1	135.252	5.561710	24.318	0.0001	1.018451
SITE_X50	1	125.126	4.477704	27.944	0.0001	1.025343
SITE_X51	1	140.090	4.753154	29.673	0.0001	1.032366
SITE_X52	1	132.768	4.379397	30.316	0.0001	1.019391
SITE_X53	1	119.165	5.393982	22.092	0.0001	1.056060
SITE_X54	1	126.859	5.858939	21.652	0.0001	1.013062
SITE_X55	1	131.241	4.754323	27.605	0.0001	1.037800
SITE_X56	1	113.585	6.975152	16.284	0.0001	1.011364
SITE_X57	1	133.919	5.534033	24.199	0.0001	1.014913
SITE_X58	1	128.334	5.394093	23.792	0.0001	1.021831
SITE_X59	1	128.394	5.846226	21.962	0.0001	1.096933
SITE_X60	1	132.284	5.765582	22.944	0.0001	1.020689
SITE_X61	1	123.563	9.304952	13.279	0.0001	1.003525
SITE_X62	1	135.946	5.436717	25.005	0.0001	1.028541
SITE_X63	1	127.639	5.136924	24.847	0.0001	1.033974
SITE_X64	1	121.630	6.870244	17.704	0.0001	1.018889
L_BUD_PB	1	5.266414	2.165654	2.432	0.0154	1.482633
AGE_Y	1	0.625636	0.125446	4.987	0.0001	1.213288
AGE_SQ	1	-0.00979195	0.022720	-0.431	0.6667	1.125385
BODYMASS	1	17006.889	1873.093	9.080	0.0001	1.130707
N_POTASS	1	-0.00085022	0.000616456	-1.379	0.1686	1.431452
HEMOGLN	1	-0.011771	0.707967	-0.017	0.9867	1.303705
SERH_ALB	1	8.615873	2.730495	3.155	0.0017	1.342910
N_VIT_C	1	0.012142	0.007774928	1.562	0.1190	1.457320

TEH 0351164

RERUN OF PIRKLE ANALYSES-MODEL 3LS-SY_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1

TEH 0351165

DUP050299802

SET 2, MODEL 3--WHITE MALES 40-59, SY_BLD_S DEPENDENT W LEAD WT 10:52 FRIDAY, MAY 3, 1985 28

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
SY_BLD_S	575	129.06120375	2025.05942927	907647437.000	90.00000000	210.00000000
BLOOD_PB	575	-0.03374228	793.28500155	-237299.026	-12.48869565	62.51130435
EXAM_DAT	575	757.80408379	46205.55073472	5329401202.000	50.00000000	1511.00000000

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0 / N = 575 / WEIGHT VAR=LEAD_WT

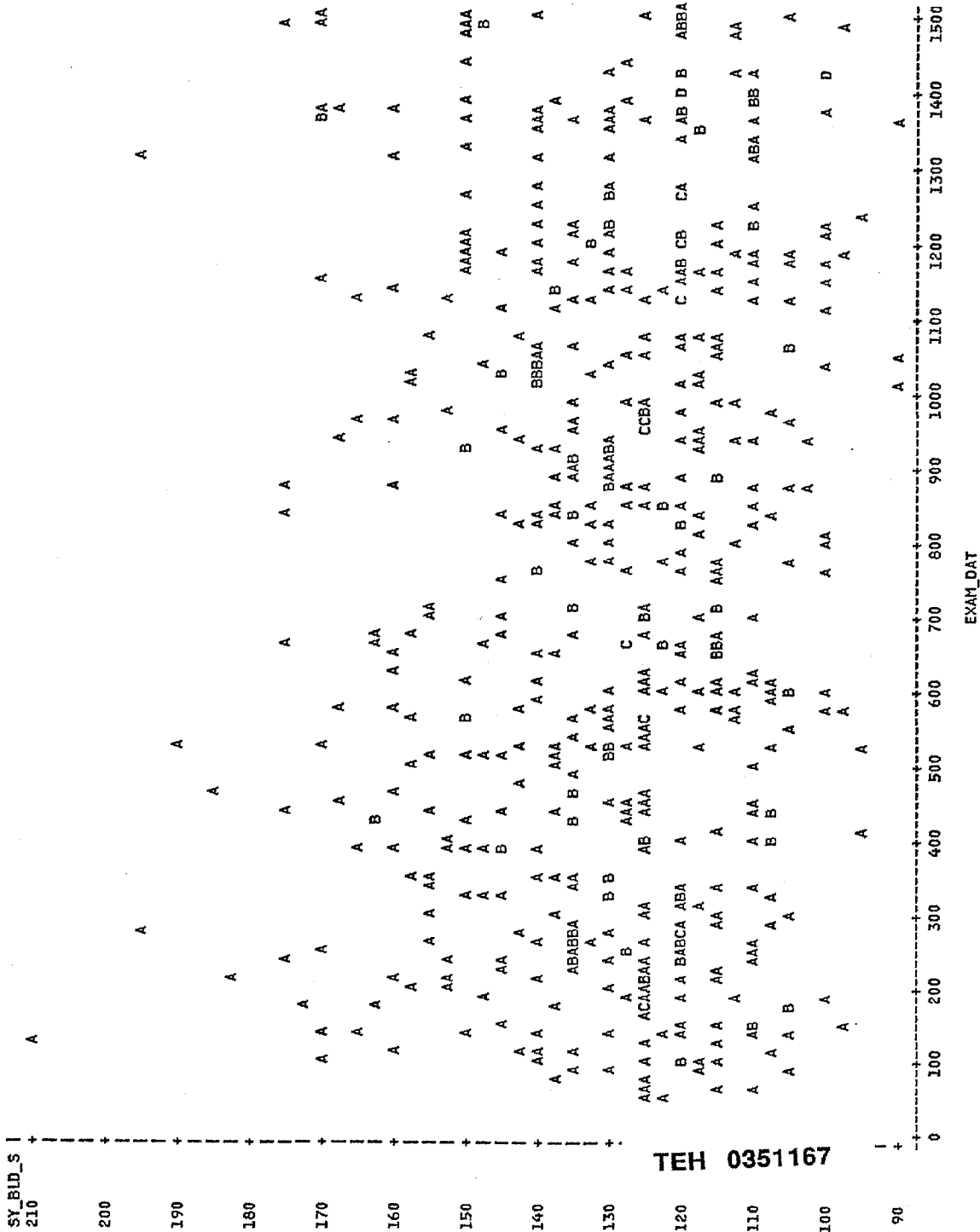
SY_BLD_S BLOOD_PB

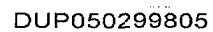
EXAM_DAT -0.08309 -0.27889
0.0464 0.0001

TEH 0351166

SET 2, MODEL 3--WHITE MALES 40-59, SY_BLD_S DEPENDENT W LEAD WT 10:52 FRIDAY, MAY 3, 1985 29

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





DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
DI_BLD_S	595423053.00000000	84.66505036	51367557017.00000000	1665564.89656344	1290.56766447
BLOOD_PB	-237299.02608700	-0.03374228	361226834.78317695	629301.09367936	793.28500155
AGE_YY	938600.83478262	0.13346256	239609268.65454724	417219.51320759	645.92531550
AGE_SQ	239609268.65454724	34.07078496	14935404176.69651300	11797436.08157391	3434.73959443
BODYMASS	-46.33518889	-0.00000659	1.00135513	0.00174399	0.04176110
N_POTASS	-128692742.00811240	-18.2992200711695458925888.21200000	20371261235.33194600		142727.92731394
HEMOGLBN	-141992.06618764	-0.02019029	8082247.82293314	14075.57658620	118.64053518
SERUM_ALB	-2061.05904531	-0.00029307	559485.22962027	974.71189127	31.22037622
N_VIT_C	-6535031.98384348	-0.92923646	74889612069.82745000	130459128.01362112	11421.87060046

TEH 0351169

DEP VARIABLE: DI_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	8	192623462	24077933	17.852	0.0001
ERROR	566	763410788	1348782		
C TOTAL	574	956034251			

ROOT MSE	1161.371
DEP MEAN	84.665050
C.V.	1371.724

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
INTERCEP	1	84.868801	0.653339	129.900	0.0001	0.000000
BLOOD_PB	1	0.180117	0.062958	2.861	0.0044	1.061534
AGE_Y	1	0.161211	0.076866	2.097	0.0364	1.049069
AGE_SQ	1	-0.00384196	0.014255	-0.270	0.7876	1.020221
BODYMASS	1	11017.022	1174.658	9.379	0.0001	1.024087
N.POTASS	1	-0.00130301	0.0003765133	-3.461	0.0006	1.228991
HEMOGLBN	1	1.491367	0.423236	3.524	0.0005	1.073004
SERM_ALB	1	3.384903	1.609855	2.103	0.0359	1.075028
N_VIT_C	1	0.009088588	0.004701798	1.933	0.0537	1.227361

TEH 0351170

RERUN OF PIRKLE ANALYSES--MODEL 3-DI_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1968

TEH 0351171

DUP050299808

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
DI_BLD_S	595423053.00000000	84.66505036	51367557017.00000000	1665564.89656344	1290.56766447
SITE_X1	90590.00000000	0.01288127	90590.00000000	155.78934752	12.48156030
SITE_X2	57968.00000000	0.00824265	57968.00000000	100.15712558	10.00785320
SITE_X3	28477.00000000	0.00404923	28477.00000000	49.41060974	7.02926808
SITE_X4	19295.00000000	0.00274362	19295.00000000	33.52275598	5.78988393
SITE_X5	80215.00000000	0.01140602	80215.00000000	138.15342533	11.75366853
SITE_X6	145843.00000000	0.02073787	145843.00000000	248.81276490	15.77379995
SITE_X7	105543.00000000	0.01500749	105543.00000000	181.11335341	13.45783613
SITE_X8	116504.00000000	0.01656607	116504.00000000	199.60624940	14.12820758
SITE_X9	122717.00000000	0.01744951	122717.00000000	210.06210520	14.49351942
SITE_X10	84985.00000000	0.01208428	84985.00000000	146.26832301	12.09414416
SITE_X11	157793.00000000	0.02243708	157793.00000000	268.73272904	16.39306954
SITE_X12	130350.00000000	0.01853487	130350.00000000	222.88149756	14.92921624
SITE_X13	82389.00000000	0.01171515	82389.00000000	141.85331136	11.91021878
SITE_X14	89804.00000000	0.01276951	89804.00000000	154.45513413	12.42799799
SITE_X15	247663.00000000	0.03521597	247663.00000000	416.27405440	20.40279526
SITE_X16	84620.00000000	0.01203238	84620.00000000	145.64777001	12.06846179
SITE_X17	147253.00000000	0.02093836	147253.00000000	251.16683549	15.84824392
SITE_X18	114495.00000000	0.01625040	114495.00000000	196.22121203	14.00789820
SITE_X1	240728.00000000	0.03422986	240728.00000000	405.03120917	20.12538718
SITE_X2	69288.00000000	0.00985228	69288.00000000	119.52152531	10.93259006
SITE_X21	194876.00000000	0.02771002	194876.00000000	330.09752893	18.16858632
SITE_X22	80359.00000000	0.01142650	80359.00000000	138.39856839	11.76429209
SITE_X23	113592.00000000	0.01615200	113592.00000000	194.69906300	13.95346061
SITE_X24	102649.00000000	0.01459598	102649.00000000	176.22079667	13.27481814
SITE_X25	121593.00000000	0.01728969	121593.00000000	208.17194293	14.42816492
SITE_X26	127502.00000000	0.01812990	127502.00000000	218.10174370	14.76826813

TEH 0351172

	PERJUN OF PIRKLE ANALYSES--MODEL 3S-DI BLD S DEPENDENT W LEAD WT				10:52 FRIDAY, MAY 3, 1985	
	192219.00000000	0.02733222	192219.00000000	325.72339518	18.04780860	35
SITE_X27	192219.00000000	0.02733222	192219.00000000	325.72339518	18.04780860	35
SITE_X28	91331.00000000	0.01298664	91331.00000000	157.04689435	12.53183523	
SITE_X29	101409.00000000	0.01441966	101409.00000000	174.12319979	13.19557501	
SITE_X30	93275.00000000	0.01326306	93275.00000000	160.34475251	12.66273085	
SITE_X31	86671.00000000	0.01232402	86671.00000000	149.13391117	12.21203960	
SITE_X32	75813.00000000	0.01078009	75813.00000000	130.65458079	11.43042347	
SITE_X33	127661.00000000	0.01815251	127661.00000000	218.36889682	14.77730344	
SITE_X34	207899.00000000	0.02956180	207899.00000000	351.48629026	18.74796763	
SITE_X35	80233.00000000	0.01140858	80233.00000000	138.18406877	11.75517200	
SITE_X36	130030.00000000	0.01848937	130030.00000000	222.34464696	14.91122554	
SITE_X37	16290.00000000	0.002331633	16290.00000000	28.31405410	5.32109520	
SITE_X38	39713.00000000	0.00564691	39713.00000000	68.79572139	8.29431862	
SITE_X39	60911.00000000	0.00866112	60911.00000000	105.19763463	10.25658981	
SITE_X40	124246.00000000	0.01766692	124246.00000000	212.63232640	14.58191779	
SITE_X41	153945.00000000	0.02188992	153945.00000000	262.32605703	16.19648286	
SITE_X42	84776.00000000	0.01205456	84776.00000000	145.91300074	12.07944538	
SITE_X43	149710.00000000	0.02128773	149710.00000000	255.26657503	15.97706403	
SITE_X44	114943.00000000	0.01634410	114943.00000000	196.97623681	14.03462229	
SITE_X45	76159.00000000	0.01082928	76159.00000000	131.24434239	11.45619232	
SITE_X46	161530.00000000	0.02296845	161530.00000000	274.94757145	16.58154310	
SITE_X47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
SITE_X48	157269.00000000	0.02236257	157269.00000000	267.86073429	16.36645149	
SITE_X49	103802.00000000	0.01475993	103802.00000000	178.17053994	13.34805379	
SITE_X50	162608.00000000	0.02312174	162608.00000000	276.73906061	16.63547597	
SITE_X51	144923.00000000	0.02060705	144923.00000000	247.27624456	15.72501970	
SITE_X52	169165.00000000	0.02405410	169165.00000000	287.62349976	16.95946638	
SITE_X53	114615.00000000	0.01629746	114615.00000000	196.42346056	14.01511543	
SITE_X54	92896.00000000	0.01320917	92896.00000000	159.70195281	12.63732380	
SITE_X55	145629.00000000	0.02070744	145629.00000000	248.45539434	15.76246790	
SITE_X56	65173.00000000	0.00926715	65173.00000000	112.48960273	10.60611157	

TEH 0351173

	RERUN OF PIRKLE ANALYSES--MODEL 3S-DI BLD S DEPENDENT W LEAD WT			10:52 FRIDAY, MAY 3, 1985	36
SITE_X57	104489.00000000	0.01485761	104489.00000000	179.3319588	13.39148819
SITE_X58	110832.00000000	0.01575955	110832.00000000	190.06414290	13.78564989
SITE_X59	101145.00000000	0.0138212	101145.00000000	173.67651629	13.17863864
SITE_X60	96704.00000000	0.01375064	96704.00000000	166.15724382	12.89019953
SITE_X61	36188.00000000	0.00514568	36188.00000000	62.72088500	7.91965182
SITE_X62	109801.00000000	0.01561294	109801.00000000	189.30432589	13.72240234
SITE_X63	123893.00000000	0.01761673	123893.00000000	212.03904266	14.56156045
SITE_X64	67703.00000000	0.00962690	67703.00000000	116.81398958	10.80805207
BLOOD_PB	-237299.02608700	-0.03374228	361226834.78317695	629301.09367936	793.28580155
AGE_YY	936600.83478262	0.13346256	239609268.65454724	417219.51320759	645.92531550
AGE_SQ	239609268.65454724	34.07078496	14935404176.69651300	11797436.08157391	3434.73959443
BODYMASS	-46.33518889	-0.00000659	1.00135513	0.00174399	0.04176110
N_POTASS	-128692742.00811240	-18.2992200711695458925888.21200000	20371261235.33194600	142727.92731394	
HEMOGLEN	-141992.06618764	-0.02019029	8082247.82293314	14075.57658820	118.64053518
SERM_ALB	-2061.05904531	-0.00029307	559485.22962027	974.71189127	31.22037622
N_VIT_C	-6535031.98384348	-0.92923646	74889612069.82745000	130459128.01362112	11421.87060046

TEH 0351174

RERUN OF PIRKLE ANALYSES--MODEL 3S-DI_BLD_S DEPENDENT W LEAD WT

DEP VARIABLE: DI_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	71	50749383144	714780044	582.763	0.0001
ERROR	504	618173873	1226535		
U TOTAL	575	51367557017			
ROOT MSE		1107.491	R-SQUARE	0.9880	
DEP MEAN		84.665050	ADJ R-SQ	0.9863	
C.V.		1308.085			

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	86.290793	3.772667	22.873	0.0001	1.037688
SITE_X2	1	84.482976	4.654722	18.146	0.0001	1.015550
SITE_X3	1	78.171736	6.593155	11.856	0.0001	1.005168
SITE_X4	1	90.103382	8.014706	11.242	0.0001	1.007736
SITE_X5	1	87.237082	3.947284	22.101	0.0001	1.007373
SITE_X6	1	94.412954	3.001186	31.459	0.0001	1.048794
SITE_X7	1	81.002636	3.461675	23.400	0.0001	1.015675
SITE_X8	1	87.295879	3.297268	26.475	0.0001	1.015581
SITE_X9	1	85.349376	3.269975	26.101	0.0001	1.051159
SITE_X10	1	89.189648	3.894616	22.901	0.0001	1.038272
SITE_X11	1	77.821443	2.870366	27.112	0.0001	1.036160
SITE_X12	1	81.941614	3.181793	25.753	0.0001	1.055965
SITE_X13	1	85.948241	3.890318	22.093	0.0001	1.004712
SITE_X14	1	78.077844	3.768944	20.716	0.0001	1.026771
SITE_X15	1	85.403471	2.283634	37.398	0.0001	1.015931
SITE_X16	1	81.032977	3.874381	20.915	0.0001	1.023152
SITE_X17	1	86.124207	2.947895	29.215	0.0001	1.021453
SITE_X18	1	90.470035	3.442618	26.281	0.0001	1.088191
SITE_X19	1	85.595131	2.378542	35.986	0.0001	1.072363
SITE_X20	1	94.150426	4.404906	21.374	0.0001	1.088303
SITE_X21	1	87.463031	2.610916	33.491	0.0001	1.053077
SITE_X22	1	89.080192	3.788021	22.593	0.0001	1.024938
SITE_X23	1	81.662371	3.330867	24.517	0.0001	1.010905
SITE_X24	1	84.395929	3.491132	24.174	0.0001	1.005128
SITE_X25	1	87.356556	3.231817	27.030	0.0001	1.017530
SITE_X26	1	79.210895	3.162588	25.046	0.0001	1.020884
SITE_X27	1	75.753764	2.610652	29.017	0.0001	1.038912
SITE_X28	1	87.214704	3.725631	23.409	0.0001	1.020142

TEH 0351175

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X29	1	85.735750	3.526811	24.310	0.0001	1.013568
SITE_X30	1	80.396985	3.683057	21.829	0.0001	1.017896
SITE_X31	1	78.958602	3.815637	20.693	0.0001	1.016114
SITE_X32	1	80.203319	4.109207	19.518	0.0001	1.032458
SITE_X33	1	91.269367	3.134931	29.114	0.0001	1.004334
SITE_X34	1	86.105891	2.581904	33.350	0.0001	1.098530
SITE_X35	1	87.018626	3.984809	21.838	0.0001	1.026845
SITE_X36	1	87.804533	3.166838	27.726	0.0001	1.043542
SITE_X37	1	93.370959	8.773359	10.643	0.0001	1.019919
SITE_X38	1	89.100243	5.672289	15.708	0.0001	1.035881
SITE_X39	1	76.037532	4.554721	16.694	0.0001	1.021319
SITE_X40	1	85.631887	3.178283	26.943	0.0001	1.005186
SITE_X41	1	95.154618	2.892995	32.891	0.0001	1.027469
SITE_X42	1	92.784321	3.898942	23.797	0.0001	1.038053
SITE_X43	1	85.254533	2.954491	28.856	0.0001	1.042776
SITE_X44	1	83.264072	3.319031	25.087	0.0001	1.015472
SITE_X45	1	84.350827	4.040464	20.877	0.0001	1.002709
SITE_X46	1	82.341867	2.808728	29.316	0.0001	1.015082
SITE_X47	0	0	0	0	0	0
SITE_X48	1	83.724022	2.830119	29.583	0.0001	1.004038
SITE_X49	1	86.295003	3.491535	24.715	0.0001	1.016484
SITE_X50	1	78.004670	2.810813	27.752	0.0001	1.023213
SITE_X51	1	93.020520	2.983569	31.178	0.0001	1.030117
SITE_X52	1	84.981723	2.751596	30.885	0.0001	1.019120
SITE_X53	1	82.128068	3.390315	24.224	0.0001	1.056587
SITE_X54	1	87.449965	3.677903	23.777	0.0001	1.010980
SITE_X55	1	86.014116	2.988107	28.785	0.0001	1.038179
SITE_X56	1	79.537209	4.363604	18.144	0.0001	1.011595
SITE_X57	1	89.282435	3.477747	25.672	0.0001	1.015045
SITE_X58	1	82.196522	3.385616	24.278	0.0001	1.019440
SITE_X59	1	77.399418	3.647678	21.219	0.0001	1.081448
SITE_X60	1	81.472880	3.623510	22.485	0.0001	1.020963
SITE_X61	1	73.189681	5.848803	12.514	0.0001	1.004102
SITE_X62	1	87.697982	3.410019	25.718	0.0001	1.024721
SITE_X63	1	79.895544	3.229099	24.680	0.0001	1.034690
SITE_X64	1	82.235867	4.316818	19.050	0.0001	1.018718
BLOOD_PB	1	0.073166	0.068796	1.064	0.2881	1.393867
AGE_YT	1	0.134618	0.076819	1.708	0.0883	1.213000
AGE_SQ	1	-0.00305945	0.014284	-0.214	0.8305	1.126470
BODYMASS	1	11206.613	1178.295	9.511	0.0001	1.133140
N_FOTASS	1	-0.00128767	0.0003871793	-3.326	0.0009	1.429137
HEMOGLN	1	1	0.443617	2.301	0.0218	1.296325
SERUM_ALB	1	4.315394	1.715278	2.516	0.0122	1.342076
N_VIT_C	1	0.004906519	0.004892462	1.003	0.3164	1.461374

TEH 0351176

RERUN OF PIRKLE ANALYSES--MODEL 3S-DI_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1968

TEH 0351177

DUP050299814

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
DI_BLD_S	595423053.00000000	84.66505036	5136757017.00000000	1665564.89656344	1290.56766447
L_BLD_PB	-21196.48671105	-0.00301399	981992.08009313	1710.67659618	41.36032273
AGE_YY	938600.83478262	0.13346256	239609268.65454724	417219.51320759	645.92531550
AGE_SQ	239609268.65454724	34.07078496	14935404176.69651300	11797436.08157391	3434.73959463
BODYMASS	-46.33518889	-0.00000659	1.00135513	0.00174399	0.04176110
N_POTASS	-128692742.00811240	-18.2992200711695458925888	21200000	20371261235.33194600	142727.92731394
HEMOGLBN	-141992.06618764	-0.02019029	8082247.82293314	14075.57658820	118.64053518
SERN_ALB	-2061.05904531	-0.00029307	559495.22962027	974.71189127	31.22037622
N_VIT_C	-6535031.98304348	-0.92923646	74889612069.82745000	130459128.01362112	11421.87060046

TEH 0351178

RERUN OF PIRKLE ANALYSES--MODEL 3L-DI_BLD_S DEPENDENT W LEAD WT

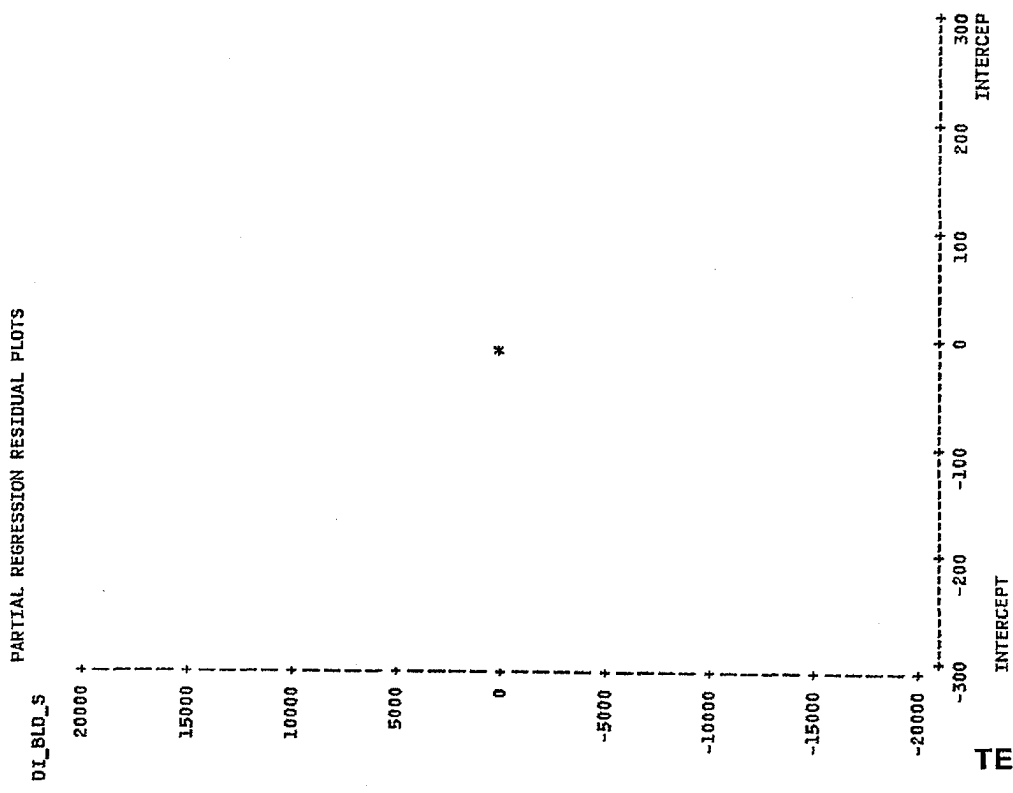
DEP VARIABLE: DI_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	8	193650229	24206279	17.971	0.0001
ERROR	566	762364022	1346968		
C TOTAL	574	956034251			

ROOT MSE	1160.590
DEP MEAN	84.665050
C.V.	1370.801
R-SQUARE	0.2026
ADJ R-SQ	0.1913

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
INTERCEP	1	84.855701	0.652660	130.015	0.0001	0.000000
L_BLD_FB	1	3.605246	1.204563	2.993	0.0029	1.057746
AGE_Y	1	0.163545	0.076852	2.128	0.0338	1.050105
AGE_SR	1	-0.00335019	0.014235	-0.235	0.8140	1.018685
BOOTHASS	1	10988.677	1172.496	9.372	0.0001	1.021695
N_POTASS	1	-0.00131469	0.0003764293	-3.493	0.0005	1.230097
HEMOGLN	1	1.475961	0.423304	3.487	0.0005	1.074794
SERM_ALB	1	3.417843	1.609034	2.124	0.0341	1.075379
N_VIT_C	1	0.008958871	0.00469038	1.910	0.0566	1.223052

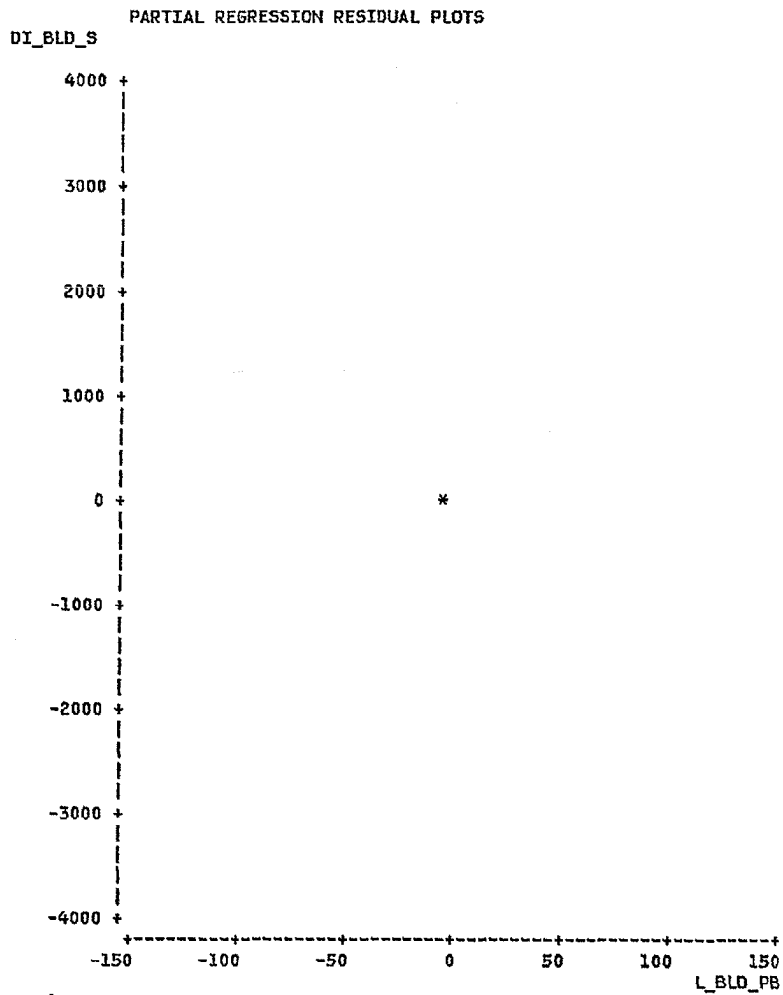
TEH 0351179



TEH 0351180

RERUN OF PIRKLE ANALYSES--MODEL 3L-DI_BLD_S DEPENDENT W LEAD WT

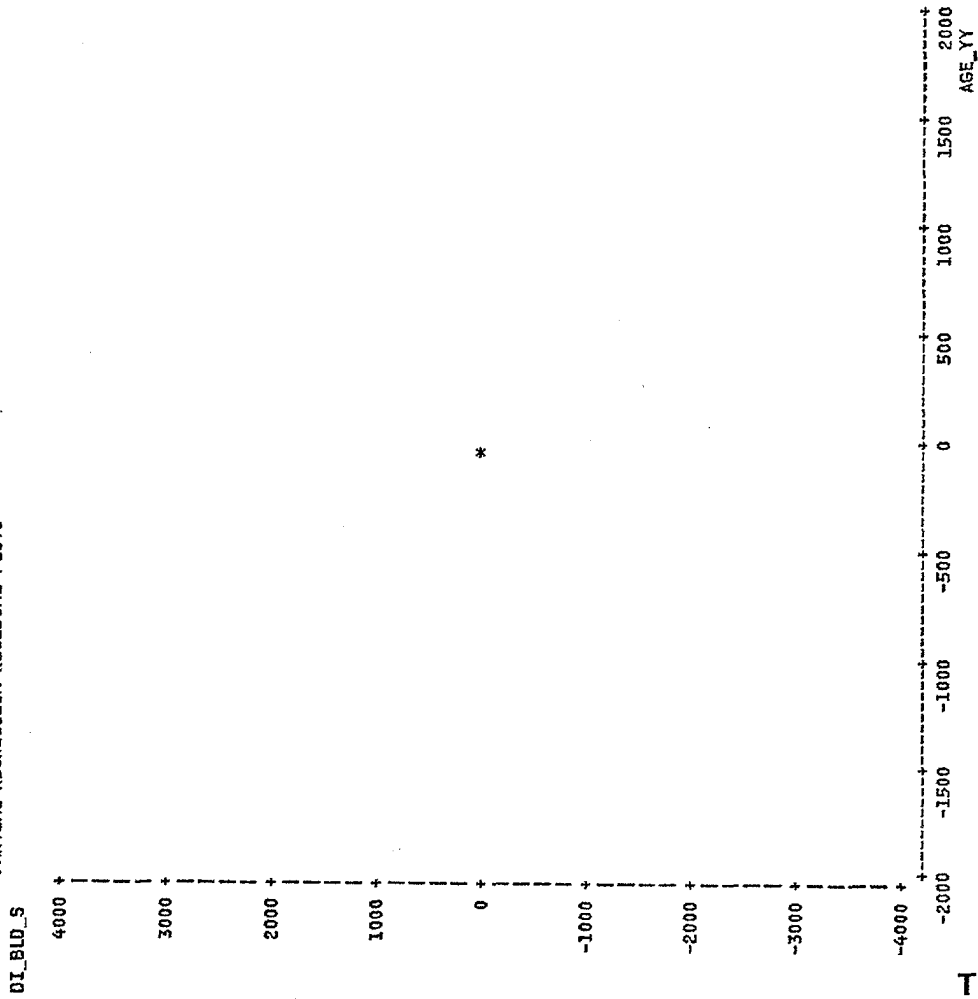
10:52 FRIDAY, MAY 3, 1



TEH 0351181

DUP050299818

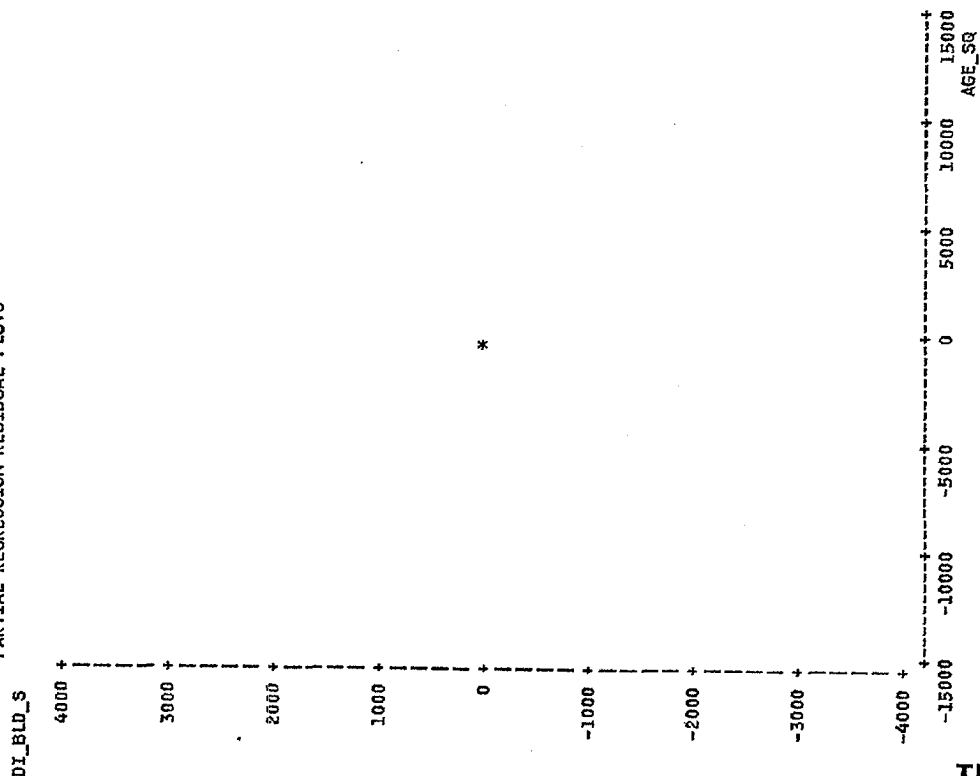
PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351182

RERUN OF PIRKLE ANALYSES--MODEL 3L-DI_BLD_S DEPENDENT W LEAD WT 10:52 FRIDAY, MAY 3, 1985 45

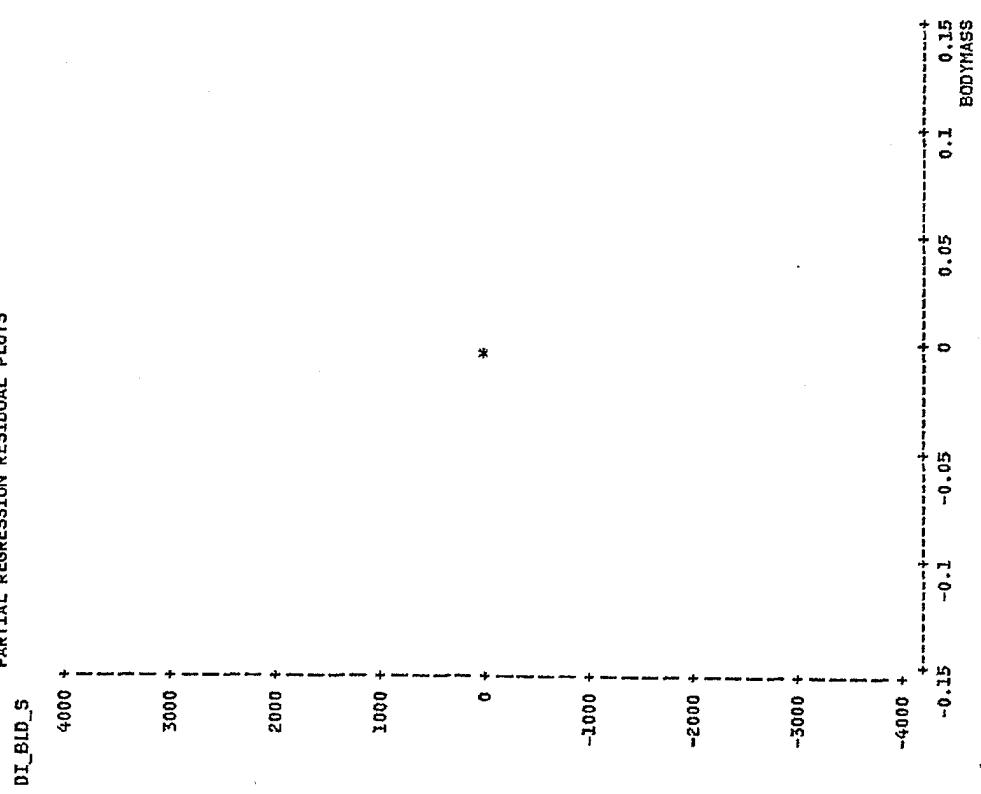
PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351183

RERUN OF PIRKLE ANALYSES--MODEL 3L-DI_BLD_S DEPENDENT W LEAD WT

PARTIAL REGRESSION RESIDUAL PLOTS

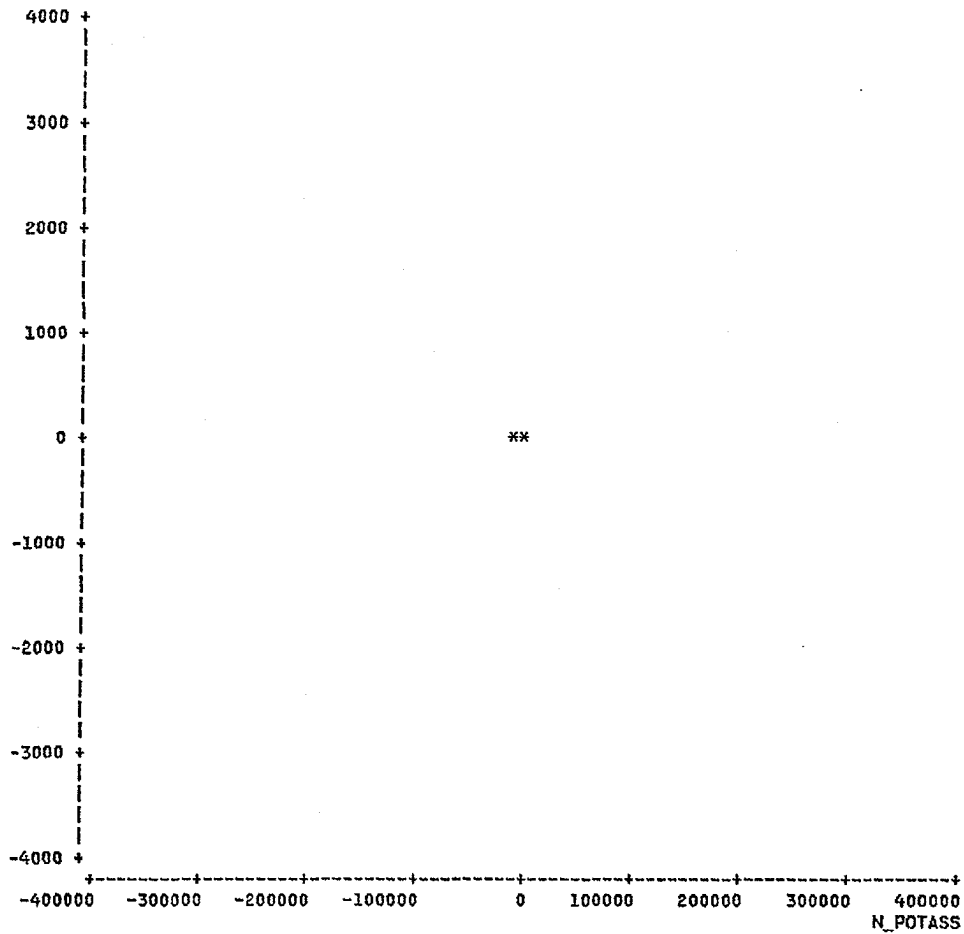


TEH 0351184

RERUN OF PIRKLE ANALYSES--MODEL 3L-DI_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1

PARTIAL REGRESSION RESIDUAL PLOTS
DI_BLD_S

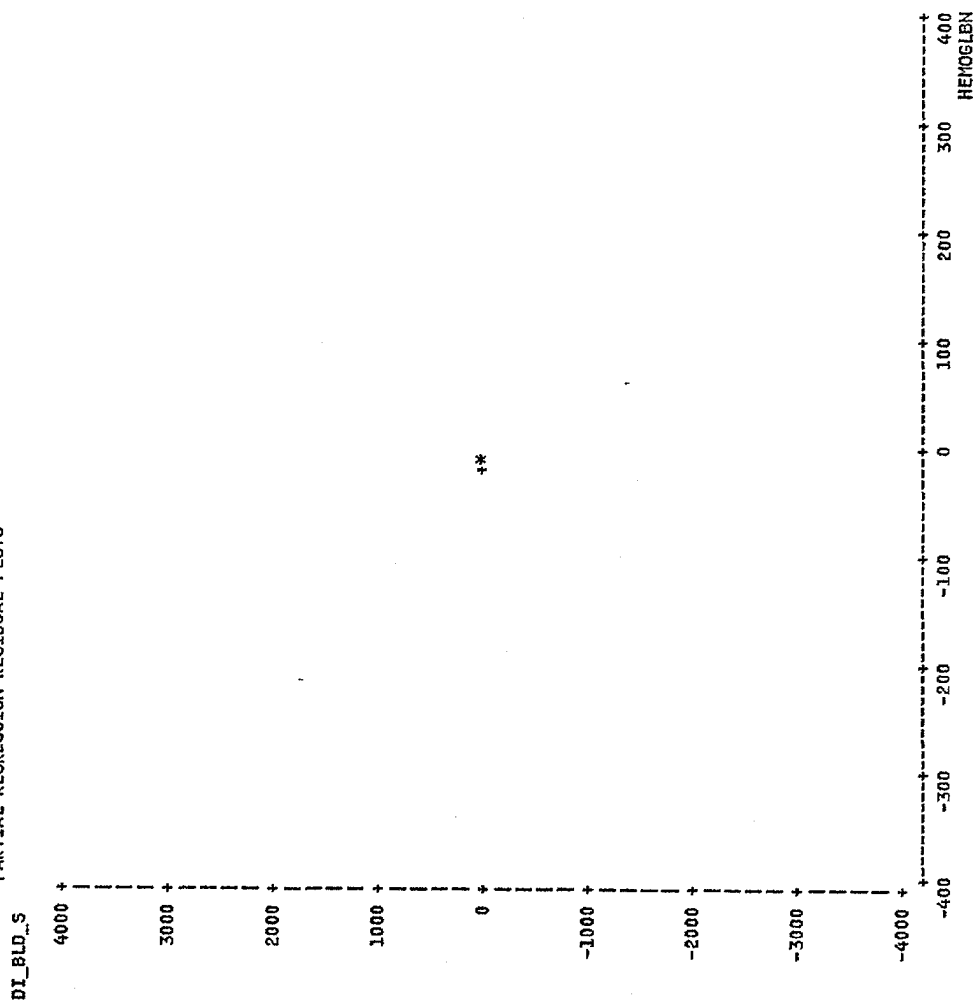


TEH 0351185

DUP050299822

RERUN OF PIRKLE ANALYSES--MODEL 3L-DI_BLD_S DEPENDENT W LEAD WT

PARTIAL REGRESSION RESIDUAL PLOTS

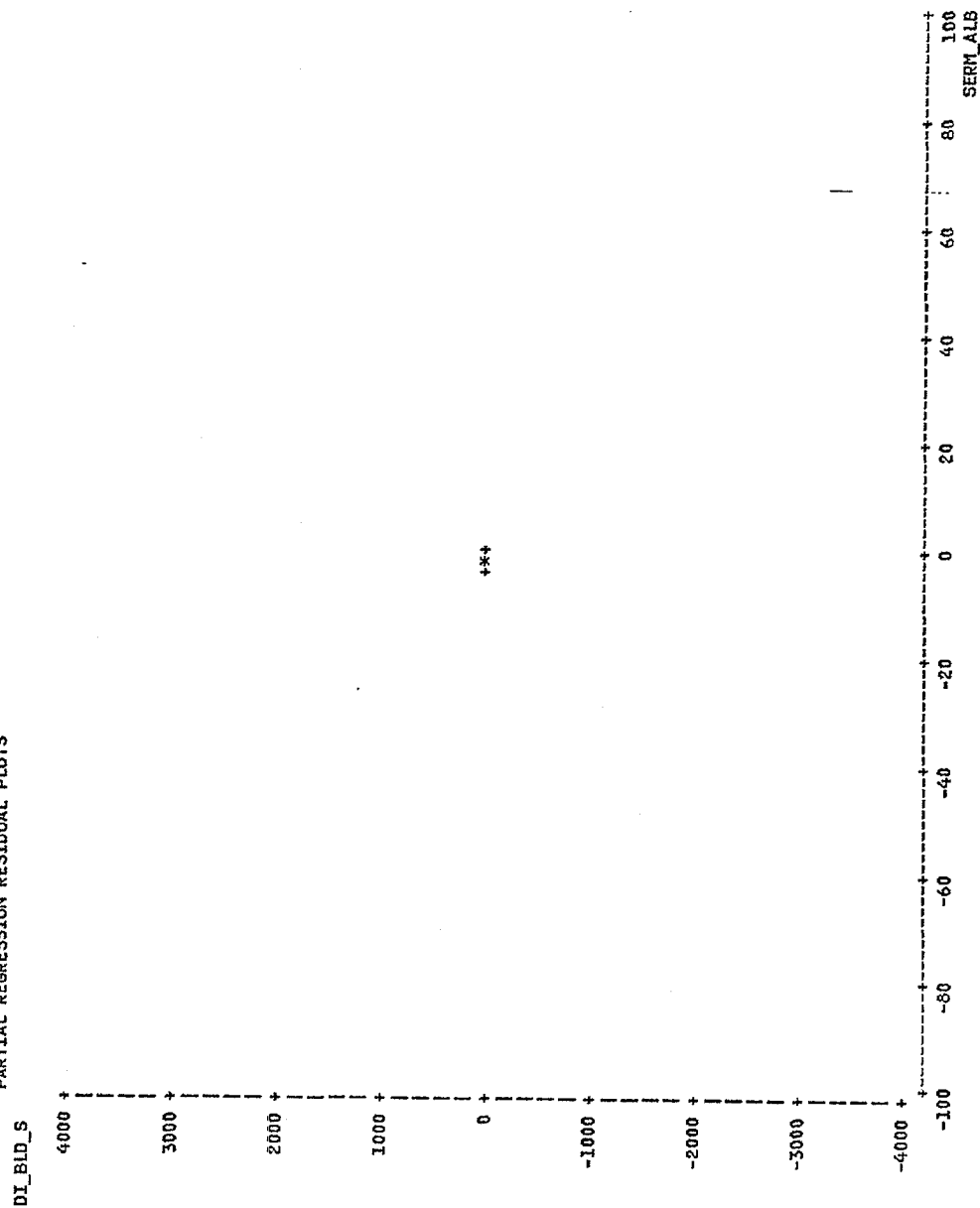


TEH 0351186

10:52 FRIDAY, MAY 3, 1985 49

RERUN OF PIRKLE ANALYSES--MODEL 3L-DI_BLD_S DEPENDENT W LEAD MT

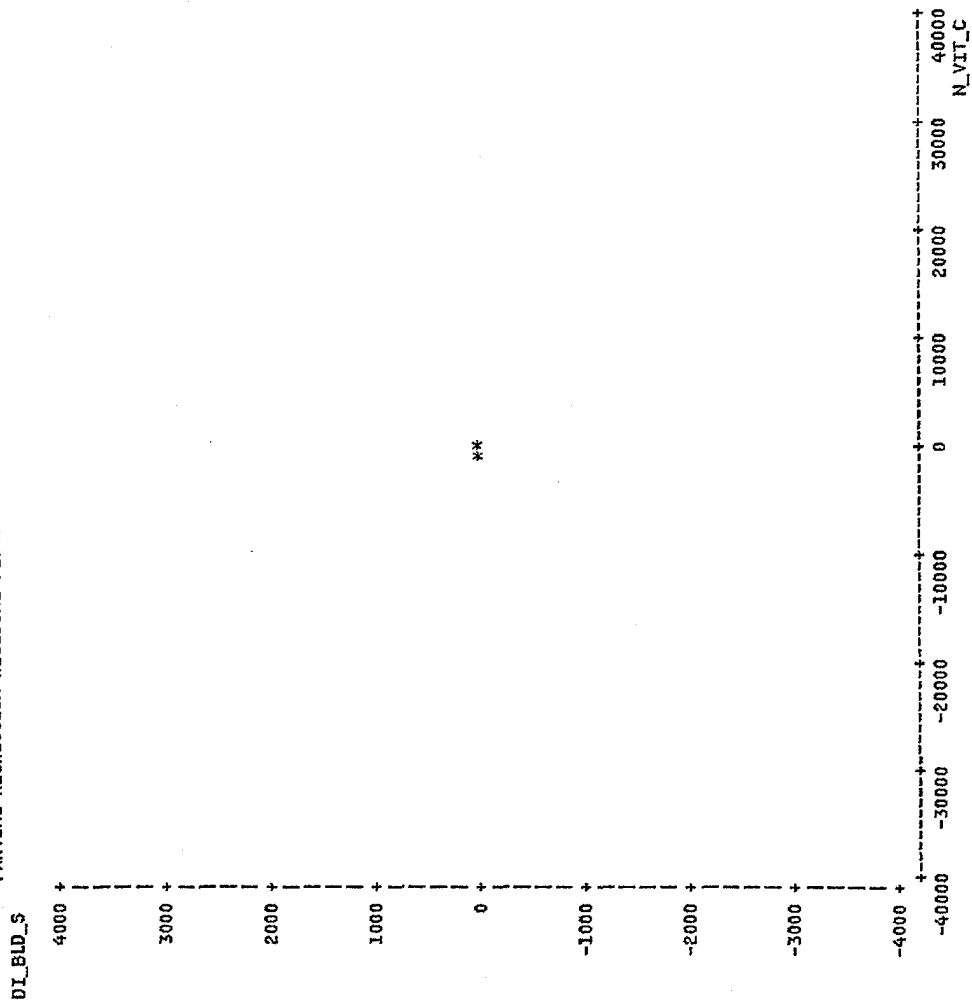
PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351187

RERUN OF PIRKLE ANALYSES--MODEL 3L-DL_BLD_S DEPENDENT W LEAD WT

PARTIAL REGRESSION RESIDUAL PLOTS



TEH 0351188

RERUN OF PIRKLE ANALYSES--MODEL 3L-DI_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3, 1990

TEH 0351189

DUP050299826

RERUN OF PIRKLE ANALYSES-MODEL 3LS-DI_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3,

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD D
DI_BLD_S	595423053.00000000	84.66505036	51367557017.00000000	1665564.89656344	1290.
SITE_X1	90590.00000000	0.01288127	90590.00000000	155.78934752	12.
SITE_X2	57968.00000000	0.00824265	57968.00000000	100.15712558	10.
SITE_X3	28477.00000000	0.00404923	28477.00000000	49.41060974	7.
SITE_X4	19295.00000000	0.00274362	19295.00000000	33.52275598	5.
SITE_X5	80215.00000000	0.01140602	80215.00000000	138.15342533	11.
SITE_X6	145843.00000000	0.02073787	145843.00000000	248.81276490	15.
SITE_X7	105543.00000000	0.01500749	105543.00000000	181.11335341	13.
SITE_X8	116504.00000000	0.01656607	116504.00000000	199.60624940	14.
SITE_X9	122717.00000000	0.01744951	122717.00000000	210.06210520	14.
SITE_X10	84985.00000000	0.01208428	84985.00000000	146.26832301	12.
SITE_X11	157793.00000000	0.02243708	157793.00000000	268.73272904	16.
SITE_X12	130350.00000000	0.01853487	130350.00000000	222.88149756	14.
SITE_X13	82389.00000000	0.01171515	82389.00000000	141.85331136	11.
SITE_X14	89804.00000000	0.01276951	89804.00000000	154.45513413	12.
SITE_X15	247663.00000000	0.03521597	247663.00000000	416.27405440	20.
SITE_X16	84620.00000000	0.01203238	84620.00000000	145.64777001	12.
SITE_X17	147253.00000000	0.02093836	147253.00000000	251.16683549	15.
SITE_X18	114495.00000000	0.01628040	114495.00000000	196.22121203	14.
SITE_X19	240728.00000000	0.03422986	240728.00000000	405.03120917	20.
SITE_X20	69288.00000000	0.00985228	69288.00000000	119.52152531	10.
SITE_X21	194876.00000000	0.02771002	194876.00000000	330.09752893	18.
SITE_X22	80359.00000000	0.01142650	80359.00000000	138.39856839	11.
SITE_X23	113592.00000000	0.01615200	113592.00000000	194.69906300	13.
SITE_X24	102649.00000000	0.01459598	102649.00000000	176.22079667	13.
SITE_X25	121593.00000000	0.01728969	121593.00000000	208.17194293	14.
SITE_X26	127502.00000000	0.01812990	127502.00000000	218.10174370	14.

TEH 0351190

DUP050299827

RERUN OF PIRKLE ANALYSES-MODEL 3LS-DI_BLD_S DEPENDENT W LEAD WT				10:52 FRIDAY, MAY 3, 1985	53
192219.00000000				0.02733222	192219.00000000
192219.00000000				0.02733222	18.04780860
SITE_X27	192219.00000000	0.02733222	192219.00000000	10:52 FRIDAY, MAY 3, 1985	53
SITE_X28	91331.00000000	0.01298664	91331.00000000	157.04689435	12.53183523
SITE_X29	101409.00000000	0.01441966	101409.00000000	174.12319979	13.19557501
SITE_X30	93275.00000000	0.01326306	93275.00000000	160.34475251	12.66273085
SITE_X31	86671.00000000	0.01322402	86671.00000000	149.13391117	12.21203960
SITE_X32	75813.00000000	0.01078009	75813.00000000	130.65456079	11.43042347
SITE_X33	127661.00000000	0.01815251	127661.00000000	218.36869682	14.77730344
SITE_X34	207899.00000000	0.02956180	207899.00000000	351.48623026	18.74796763
SITE_X35	80233.00000000	0.01140858	80233.00000000	138.18406877	11.75517200
SITE_X36	130030.00000000	0.01848937	130030.00000000	222.34464696	14.91122554
SITE_X37	16290.00000000	0.00231633	16290.00000000	28.31405410	5.32109520
SITE_X38	39713.00000000	0.00564691	39713.00000000	68.79572139	8.29431862
SITE_X39	60911.00000000	0.00866112	60911.00000000	105.19763463	10.25658981
SITE_X40	124246.00000000	0.01766692	124246.00000000	212.63232640	14.58191779
SITE_X41	153945.00000000	0.02188992	153945.00000000	262.32605703	16.19848286
SITE_X42	84776.00000000	0.01205456	84776.00000000	145.91300074	12.07944538
SITE_X43	149710.00000000	0.02128773	149710.00000000	255.26657503	15.97706403
SITE_X44	114943.00000000	0.01634410	114943.00000000	196.97623681	14.03482229
SITE_X45	76159.00000000	0.01082928	76159.00000000	131.24434239	11.45619232
SITE_X46	161530.00000000	0.02296845	161530.00000000	274.94757145	16.56154310
SITE_X47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
SITE_X48	157269.00000000	0.02236257	157269.00000000	267.86073429	16.36645149
SITE_X49	103802.00000000	0.01475993	103802.00000000	178.17053984	13.34805379
SITE_X50	162608.00000000	0.02312174	162608.00000000	276.73906061	16.63547597
SITE_X51	144923.00000000	0.02060705	144923.00000000	247.27624456	15.72501970
SITE_X52	169165.00000000	0.02405410	169165.00000000	287.62349976	16.95946638
SITE_X53	114615.00000000	0.01629746	114615.00000000	196.42346056	14.01511543
SITE_X54	92896.00000000	0.01320917	92896.00000000	159.70195281	12.63732380
SITE_X55	145629.00000000	0.02070744	145629.00000000	248.45539434	15.76246790
SITE_X56	65173.00000000	0.00926715	65173.00000000	112.48960273	10.60611157

TEH 0351191

RERUN OF PIRKLE ANALYSES-MODEL 3LS-DI_BLD S DEPENDENT W LEAD WT		10:52 FRIDAY, MAY 3, 1985	54
SITE_X57	104489.00000000	0.01485761	179.33195588
SITE_X58	110832.00000000	0.01575955	190.04414290
SITE_X59	101145.00000000	0.01438212	173.67651629
SITE_X60	96704.00000000	0.01375064	166.15724382
SITE_X61	36188.00000000	0.00514568	62.72088500
SITE_X62	109801.00000000	0.01561294	188.30432589
SITE_X63	123893.00000000	0.01761673	212.03904866
SITE_X64	67703.00000000	0.00962690	116.81398958
L_BLD_PB	-21196.46671105	-0.00301399	1710.67629618
AGE_YY	938600.83478262	0.13346256	417219.51320759
AGE_SQ	239609248.65454724	34.07078496	11797436.08157391
BODYMASS	-46.33518889	-0.00000659	0.00174399
N_POTASS	-128692742.00811240	-18.2992200711695458925888.21200000	20371261235.33194600
HEMOGLBN	-141992.06618764	-0.02019029	8082247.82293314
SERM_ALB	-2061.05904531	-0.00029307	559485.22962027
N_VIT_C	-6535031.98384348	-0.92923646	74889612069.82745000

TEH 0351192

RERUN OF PIRKLE ANALYSES-MODEL 315-DI_BLD_S DEPENDENT W LEAD WT

DEP VARIABLE: DI_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	71	50749001796	714785941	583.163	0.0001
ERROR	504	617755221	1225705		
U TOTAL	575	51367557017			

ROOT MSE	1107.116	R-SQUARE	0.9880
DEP MEAN	84.665050	ADJ R-SQ	0.9863
C.V.	1307.642		

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	86.232711	3.772691	22.857	0.0001	1.038404
SITE_X2	1	84.439997	4.651399	18.154	0.0001	1.014787
SITE_X3	1	78.129927	6.589757	11.856	0.0001	1.004812
SITE_X4	1	90.262693	8.016541	11.260	0.0001	1.008881
SITE_X5	1	87.126456	3.947826	22.069	0.0001	1.008332
SITE_X6	1	94.408566	3.000059	31.469	0.0001	1.048717
SITE_X7	1	80.983575	3.460388	23.403	0.0001	1.015608
SITE_X8	1	87.402346	3.300516	26.481	0.0001	1.018272
SITE_X9	1	85.226800	3.273853	26.033	0.0001	1.054367
SITE_X10	1	89.139255	3.891165	22.908	0.0001	1.037136
SITE_X11	1	77.736910	2.872526	27.062	0.0001	1.038424
SITE_X12	1	81.805598	3.189065	25.652	0.0001	1.061516
SITE_X13	1	85.856519	3.891293	22.064	0.0001	1.005896
SITE_X14	1	77.980130	3.769430	20.688	0.0001	1.027732
SITE_X15	1	85.376537	2.282290	37.408	0.0001	1.015423
SITE_X16	1	80.952419	3.875517	20.888	0.0001	1.024446
SITE_X17	1	86.135611	2.946942	29.229	0.0001	1.021484
SITE_X18	1	90.629237	3.404201	26.623	0.0001	1.064884
SITE_X19	1	85.775812	2.396582	35.791	0.0001	1.089429
SITE_X20	1	94.060108	4.405785	21.349	0.0001	1.086473
SITE_X21	1	87.415934	2.604438	33.564	0.0001	1.048567
SITE_X22	1	89.054339	3.975969	22.398	0.0001	1.024574
SITE_X23	1	81.624223	3.328269	24.525	0.0001	1.010012
SITE_X24	1	84.395767	3.488471	24.193	0.0001	1.004277
SITE_X25	1	87.308558	3.231756	27.016	0.0001	1.018182
SITE_X26	1	79.215251	3.160848	25.061	0.0001	1.020452
SITE_X27	1	76.027775	2.645114	28.743	0.0001	1.067244
SITE_X28	1	87.241223	3.722983	23.433	0.0001	1.019383

TEH 0351193

RERUN OF PIRKLE ANALYSES-MODEL 3LS-DI_BLD_S DEPENDENT W LEAD WT

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > T	VARIANCE INFLATION
SITE_X29	1	85.709006	3.525851	24.309	0.0001	1.013703
SITE_X30	1	80.422552	3.681281	21.847	0.0001	1.017604
SITE_X31	1	79.060368	3.817535	20.710	0.0001	1.017814
SITE_X32	1	80.280033	4.109877	19.533	0.0001	1.033495
SITE_X33	1	91.284178	3.132531	29.141	0.0001	1.003476
SITE_X34	1	86.255124	2.593314	33.261	0.0001	1.106992
SITE_X35	1	86.910139	3.984913	21.810	0.0001	1.027595
SITE_X36	1	87.935235	3.172816	27.715	0.0001	1.048196
SITE_X37	1	93.459248	8.771617	10.655	0.0001	1.020205
SITE_X38	1	88.964536	5.674009	15.679	0.0001	1.037212
SITE_X39	1	75.948949	4.582839	16.682	0.0001	1.021166
SITE_X40	1	85.578346	3.178197	26.926	0.0001	1.005812
SITE_X41	1	95.104600	2.892530	32.879	0.0001	1.027834
SITE_X42	1	92.669183	3.902400	23.747	0.0001	1.040600
SITE_X43	1	85.208196	2.954552	28.840	0.0001	1.043526
SITE_X44	1	83.157810	3.321681	25.035	0.0001	1.017784
SITE_X45	1	84.316403	4.038951	20.876	0.0001	1.002637
SITE_X46	1	82.309187	2.806593	29.327	0.0001	1.014226
SITE_X47	0					
SITE_X48	1	83.764425	2.830001	29.599	0.0001	1.004635
SITE_X49	1	86.169985	3.493728	24.664	0.0001	1.018451
SITE_X50	1	77.900865	2.812783	27.695	0.0001	1.025343
SITE_X51	1	92.931100	2.985814	31.124	0.0001	1.032366
SITE_X52	1	84.904814	2.751029	30.863	0.0001	1.019391
SITE_X53	1	82.132333	3.388353	24.240	0.0001	1.056080
SITE_X54	1	87.550131	3.680441	23.788	0.0001	1.013062
SITE_X55	1	85.914208	2.986548	28.767	0.0001	1.037800
SITE_X56	1	79.408543	4.381618	18.141	0.0001	1.011364
SITE_X57	1	89.257023	3.476342	25.676	0.0001	1.014913
SITE_X58	1	82.242940	3.388436	24.286	0.0001	1.021831
SITE_X59	1	77.688046	3.672455	21.154	0.0001	1.096933
SITE_X60	1	81.440137	3.621796	22.486	0.0001	1.020689
SITE_X61	1	73.157008	5.845140	12.516	0.0001	1.003525
SITE_X62	1	67.828381	3.415211	25.717	0.0001	1.028541
SITE_X63	1	79.690898	3.226889	24.696	0.0001	1.033974
SITE_X64	1	82.366759	4.315717	19.085	0.0001	1.018889
L_BLD_PB	1	1.651313	1.360410	1.214	0.2254	1.482833
AGE_Y	1	0.135308	0.078802	1.718	0.0864	1.213288
AGE_SQ	1	-0.00302233	0.014272	-0.212	0.8324	1.125385
BODYMASS	1	11202.259	1176.631	9.521	0.0001	1.130707
N_POTASS	1	-0.00129797	0.0003873615	-3.351	0.0009	1.431452
HENOGLEN	1	1.001048	0.444727	2.251	0.0248	1.303705
SERMALEB	1	4.343700	1.715230	2.532	0.0116	1.342910
N_VT	1	0.005006906	0.004684017	1.025	0.3058	1.457320

TEH 0351194

RERUN OF PIRKLE ANALYSES-MODEL 3LS-DI_BLD_S DEPENDENT W LEAD WT

10:52 FRIDAY, MAY 3,

TEH 0351195

DUP060299832

SET 2, MODEL 3--WHITE MALES 40-59, DI_BLD_S DEPENDENT W LEAD WT 10:52 FRIDAY, MAY 3, 1985 58

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
DI_BLD_S	575	84.66505036	1290.56766447	595423053.000	50.00000000	126.00000000
BLOOD_PB	575	-0.03374228	793.28500155	-237299.026	-12.48869565	62.51130435
EXAM_DAT	575	757.80408379	46205.55073472	5329401202.000	50.00000000	1511.00000000

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0 / N = 575 / WEIGHT VAR=LEAD_WT

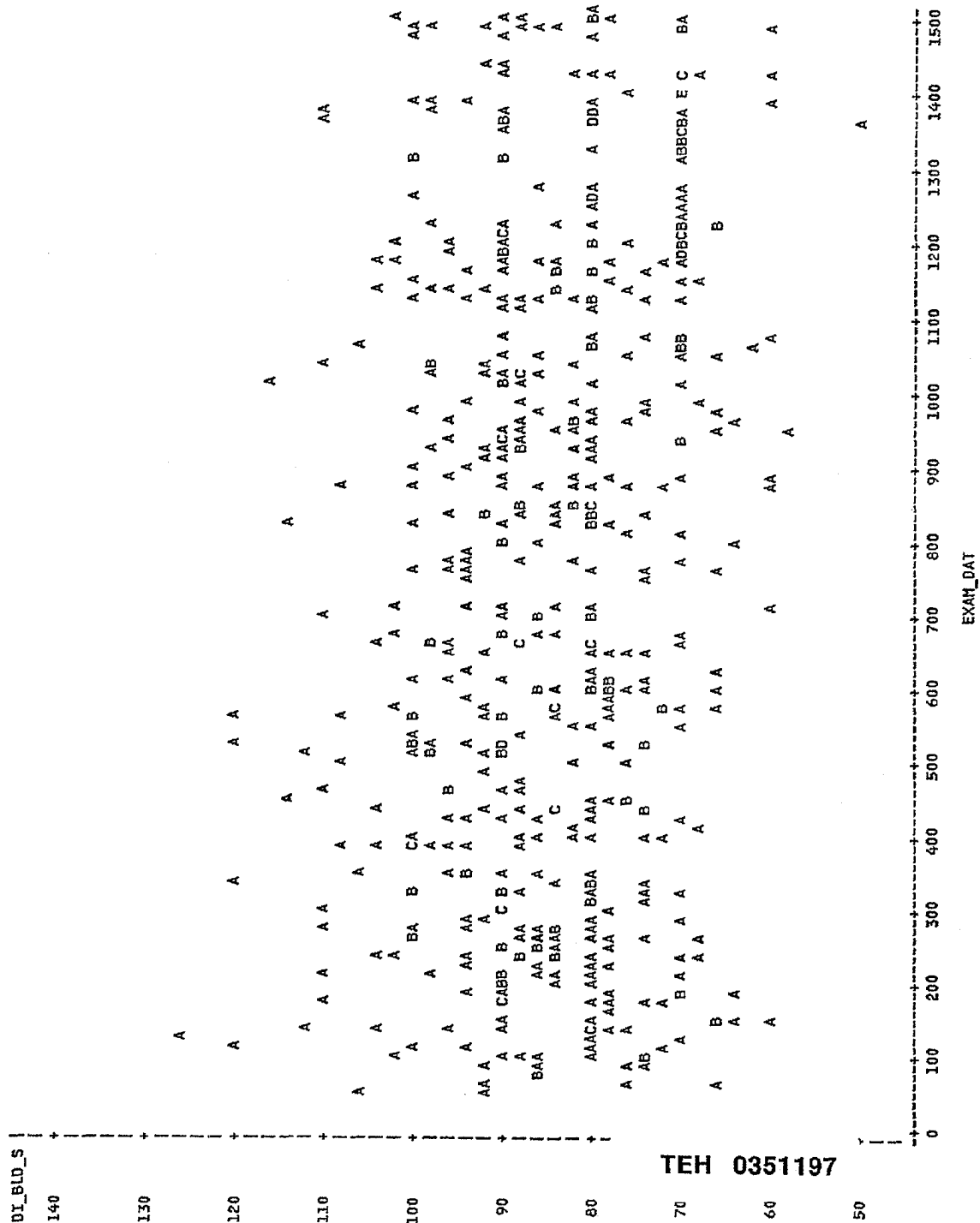
DI_BLD_S BLOOD_PB

EXAM_DAT -0.13937 -0.27889
0.0008 0.0001

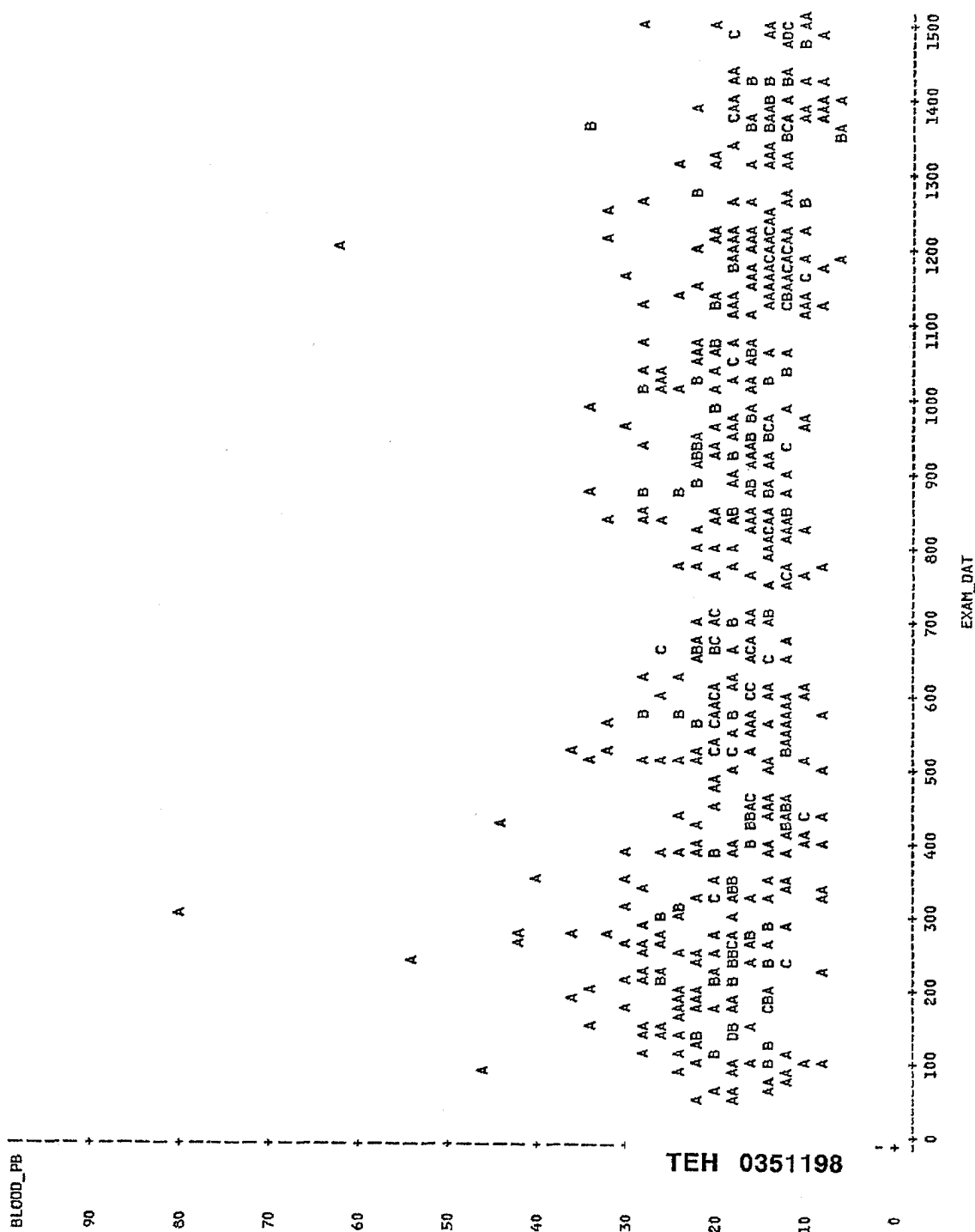
TEH 0351196

SET 2, MODEL 3--WHITE MALES 40-59, DI_BLD_S DEPENDENT W LEAD WT 10:52 FRIDAY, MAY 3, 1985 59

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



PLOT OF BLOOD_PBS*EXAM_DAY



TEH 0351198

DUP050299836

10:52 FRIDAY, MAY 3, 1985

PROC LISTRECS

MVS/XA JOB CAP363R STEP SAS

1 SAS LOG OS SAS 82.4

NOTE: THE JOB CAP363R HAS BEEN RUN UNDER RELEASE 82.4 OF SAS AT E. I. DUPONT DE NEMOURS & COMPANY (01716001).

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 2.97 SECONDS AND 93872K.

```
14 DATA MODEL_S3 ;
15 SET WHITMALE ;
16 IF SY_BLD_S <= .Z THEN DELETE ;
17 ELSE IF BODYMASS <= .Z THEN DELETE ;
18 ELSE IF N_POTASS <= .Z THEN DELETE ;
19 ELSE IF HEMOGLN <= .Z THEN DELETE ;
20 ELSE IF SERM_ALB <= .Z THEN DELETE ;
21 ELSE IF N_VIT_C <= .Z THEN DELETE ;
```

NOTE: DATA SET WORK.MODEL_S3 HAS 575 OBSERVATIONS AND 95 VARIABLES. 162 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.18 SECONDS AND 93812K.

```
22 PROC STANDARD DATA = MODEL_S3 OUT = MODEL_3S M = 0 ;
23 VAR BLOOD_PB L_BLD_PB AGE_Y Y BODYMASS N_POTASS HEMOGLN
24 SERM_ALB N_VIT_C ;
```

NOTE: DATA SET WORK.MODEL_3S HAS 575 OBSERVATIONS AND 95 VARIABLES. 162 OBS/TRK.
NOTE: THE PROCEDURE STANDARD USED 0.25 SECONDS AND 93842K.

```
25 DATA MODEL_3S ;
26 SET MODEL_3S ;
27 AGE_SQ = AGE_Y * AGE_Y ;
```

NOTE: DATA SET WORK.MODEL_3S HAS 575 OBSERVATIONS AND 96 VARIABLES. 158 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.16 SECONDS AND 93812K.

```
28 PROC REG DATA = MODEL_3S SIMPLE ;
29 MODEL SY_BLD_S = BLOOD_PB AGE_Y Y AGE_SQ BODYMASS N_POTASS HEMOGLN
30 SERM_ALB N_VIT_C / VIF ;
31 WEIGHT LEAD_WT ;
32 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 3-SY_BLD_S DEPENDENT W LEAD WT';
```

NOTE: THE PROCEDURE REG USED 0.23 SECONDS AND 93896K AND PRINTED PAGES 1 TO 3.

TEH 0351200

10:52 FRIDAY, MAY 3, 1985

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

```
33 PROC REG DATA = MODEL_3S SIMPLE ;
34 MODEL SY_BLD_S = SITE_X1--SITE_X64 BLOOD_PB AGE_Y Y AGE_SQ BODYMASS
35 N_POTASS HEMOGLN SERM_ALB N_VIT_C / NOINT VIF ;
36 WEIGHT LEAD_WT ;
37 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 3S-SY_BLD_S DEPENDENT W LEAD WT';00370004
```

NOTE: THE PROCEDURE REG USED 1.05 SECONDS AND 93948K AND PRINTED PAGES 4 TO 9.

```
38 PROC REG DATA = MODEL_3S SIMPLE ;
39 MODEL SY_BLD_S = L_BLD_PB AGE_Y Y AGE_SQ BODYMASS N_POTASS HEMOGLN
40 SERM_ALB N_VIT_C / VIF PARTIAL ;
41 WEIGHT LEAD_WT ;
42 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 3L-SY_BLD_S DEPENDENT W LEAD WT';00420004
```

NOTE: THE PROCEDURE REG USED 3.69 SECONDS AND 93896K AND PRINTED PAGES 10 TO 21.

```
43 PROC REG DATA = MODEL_3S SIMPLE ;
44 MODEL SY_BLD_S = SITE_X1--SITE_X64 L_BLD_PB AGE_Y Y AGE_SQ BODYMASS
45 N_POTASS HEMOGLN SERM_ALB N_VIT_C / NOINT VIF PARTIAL ;
46 WEIGHT LEAD_WT ;
47 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 3LS-SY_BLD_S DEPENDENT W LEAD WT';00470004
```

NOTE: THE PROCEDURE REG USED 1.20 SECONDS AND 94164K AND PRINTED PAGES 22 TO 27.

```
48 PROC CORR ;
49 VAR SY_BLD_S BLOOD_PB ;
50 WITH EXAM_DAT ;
51 WEIGHT LEAD_WT ;
52 TITLE 'SET 2, MODEL 3--WHITE MALES 40-59, SY_BLD_S DEPENDENT W LEAD WT';00520004
```

NOTE: THE PROCEDURE CORR USED 0.19 SECONDS AND 93852K AND PRINTED PAGE 28.

```
53 PROC PLOT DATA=MODEL_3S ;
54 PLOT (SY_BLD_S BLOOD_PB) * EXAM_DAT ;
```

NOTE: THE PROCEDURE PLOT USED 0.22 SECONDS AND 93864K AND PRINTED PAGES 29 TO 30.

```
55 DATA MODEL_D3 ;
56 SET WHITMALE ;
57 IF DI_BLD_S <= .Z THEN DELETE ;
58 ELSE IF BODYMASS <= .Z THEN DELETE ;
59 ELSE IF N_POTASS <= .Z THEN DELETE ;
60 ELSE IF HEMOGLN <= .Z THEN DELETE ;
61 ELSE IF SERM_ALB <= .Z THEN DELETE ;
62 ELSE IF N_VIT_C <= .Z THEN DELETE ;
```

NOTE: DATA SET WORK.MODEL_D3 HAS 575 OBSERVATIONS AND 95 VARIABLES. 162 OBS/TRK.

NOTE: THE DATA STATEMENT USED 0.18 SECONDS AND 93812K.

```
63 PROC STANDARD DATA = MODEL_D3 OUT = MODEL_3D M = 0 ;
64 VAR BLOOD_PB L_BLD_PB AGE_Y Y BODYMASS N_POTASS HEMOGLN
65 SERM_ALB N_VIT_C ;
```

NOTE: DATA SET WORK.MODEL_3D HAS 575 OBSERVATIONS AND 95 VARIABLES. 162 OBS/TRK.

NOTE: THE PROCEDURE STANDARD USED 0.25 SECONDS AND 93842K.

```
66 DATA MODEL_3D ;
```

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10:52 FRIDAY, MAY 3, 1985

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

67 SET MODEL_3D ; 006700002
68 AGE_SQ = AGE_YY * AGE_YY ; 006800002

NOTE: DATA SET WORK.MODEL_3D HAS 575 OBSERVATIONS AND 96 VARIABLES. 158 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.16 SECONDS AND 93012K.

69 PROC REG DATA = MODEL_3D SIMPLE ; 006900000
70 MODEL DI_BLD_S = BLOOD_PB AGE_YY AGE_SQ BODYMASS N_POTASS HEMOGLN 007000000
71 SERM_ALB N_VIT_C / VIF ; 007100000
72 WEIGHT LEAD_WT ; 007200004
73 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 3--DI_BLD_S DEPENDENT W LEAD WT'; 007300004

NOTE: THE PROCEDURE REG USED 0.22 SECONDS AND 93896K AND PRINTED PAGES 31 TO 33.

74 PROC REG DATA = MODEL_3D SIMPLE ; 007400000
75 MODEL DI_BLD_S = SITE_X1--SITE_X64 BLOOD_PB AGE_YY AGE_SQ BODYMASS 007500000
76 N_POTASS HEMOGLN SERM_ALB N_VIT_C / NOINT VIF ; 007600000
77 WEIGHT LEAD_WT ; 007700004
78 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 3S--DI_BLD_S DEPENDENT W LEAD WT'; 007800004

NOTE: THE PROCEDURE REG USED 1.04 SECONDS AND 93948K AND PRINTED PAGES 34 TO 39.

79 PROC REG DATA = MODEL_3D SIMPLE ; 007900000
80 MODEL DI_BLD_S = L_BLD_PB AGE_YY AGE_SQ BODYMASS N_POTASS HEMOGLN 008000000
81 SERM_ALB N_VIT_C / VIF PARTIAL ; 008100000
82 WEIGHT LEAD_WT ; 008200004
83 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 3L--DI_BLD_S DEPENDENT W LEAD WT'; 008300004

NOTE: THE PROCEDURE REG USED 3.76 SECONDS AND 93896K AND PRINTED PAGES 40 TO 51.

84 PROC REG DATA = MODEL_3D SIMPLE ; 008400000
85 MODEL DI_BLD_S = SITE_X1--SITE_X64 L_BLD_PB AGE_YY AGE_SQ BODYMASS 008500000
86 N_POTASS HEMOGLN SERM_ALB N_VIT_C / NOINT VIF PARTIAL ; 008600000
87 WEIGHT LEAD_WT ; 008700004
88 TITLE 'RERUN OF PIRKLE ANALYSES--MODEL 3LS--DI_BLD_S DEPENDENT W LEAD WT'; 008800004

NOTE: THE PROCEDURE REG USED 1.21 SECONDS AND 94148K AND PRINTED PAGES 52 TO 57.

89 PROC CORR ; 008900002
90 VAR DI_BLD_S BLOOD_PB ; 009000002
91 WITH EXAM_DAT ; 009100002
92 WEIGHT LEAD_WT ; 009200004
93 TITLE 'SET 2, MODEL 3--WHITE MALES 40-59, DI_BLD_S DEPENDENT W LEAD WT'; 009300004

NOTE: THE PROCEDURE CORR USED 0.19 SECONDS AND 93852K AND PRINTED PAGE 58.

94 PROC PLOT DATA=MODEL_D3 ; 009400003
95 PLOT (DI_BLD_S BLOOD_PB) * EXAM_DAT ; 009500002

NOTE: THE PROCEDURE PLOT USED 0.22 SECONDS AND 93864K AND PRINTED PAGES 59 TO 60.
NOTE: SAS USED 94164K MEMORY.

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

TEH 0351202

JES JOB NO. = 2167

DATE = 85.123

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

* C11

PROCESSOR FOR THIS JOB = SYNC

LINES OUTPUT FOR THIS JOB = 002146 PRINTER: B31

CARDS FOR THIS JOB = NONE

TEH 0351203

DUP050299840