#1

Y= Diasol.

F, M, WM 40-59

Complete Model

Unweighted.

```
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185          *   CL1      *** JOB # 3011 ***
```

TEH 0352377

N36752

```
 IAT6140 JOB ORIGIN FROM GROUP=ANYLOCAL, DSP=IR , DEVICE=INTRDR  , 000
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185               *   CL1
//     USER=CAP363,PASSWORD=,MSGLEVEL=(0,0),                          *
//     CLASS=D,PRTY=5                          SAS
 22:14:50 IAT2000 JOB 3011 CAP363R  SELECTED SYA      GRP=BATCH
 22:14:51  ICH70001I CAP363   LAST ACCESS AT 22:13:25 ON THURSDAY, MAY 2, 1985
 22:14:51  IEF403I CAP363R - STARTED - TIME=22.14.51
 22:16:06  IEF404I CAP363R - ENDED - TIME=22.16.06
 22:16:06 IAT5400 JOB 3011 (CAP363R ) IN BREAKDOWN
```

TEH 0352378

DUP050301015

```
//CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185              *   CL1
//     USER=CAP363,PASSWORD=,MSGLEVEL=(0,0),                        *
//     CLASS=D,PRTY=5                        SAS
    1     //CAP363R JOB CCL5302,MSGCLASS=L, ==>C.G.PFEIFER, L5185              *   CL1
          //     USER=CAP363,PASSWORD=,MSGLEVEL=(0,0),                        *
          //     CLASS=D,PRTY=5                        SAS
```

TEH 0352379

DUP050301016

```
ICH70001I CAP363   LAST ACCESS AT 22:13:25 ON THURSDAY, MAY 2, 1985
IEF142I CAP363R SAS LISTRECS - STEP WAS EXECUTED - COND CODE 0000
CAP363R  SAS      SASLPA    22:14 22:16 $00012.71 000.83 1060K  00/0002253 00/0000000   ***
CAP363R  ENDED TOTAL COST $ 00012.71 22:14 22:16 85.122                          ID=P3BN
```

TEH 0352380

DUP050301017



TEH 0352381

N36752.01

DUP050301018

GROUP=FEMALES

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
DI_BLD_S	210929.00000000	77.00949252	16659673.00000000	151.98603112	12.32826148
SITE_X1	42.00000000	0.01533406	42.00000000	0.01510444	0.12290014
SITE_X2	30.00000000	0.01095290	30.00000000	0.01083689	0.10410040
SITE_X3	10.00000000	0.00365097	10.00000000	0.00363897	0.06032385
SITE_X4	16.00000000	0.00584155	16.00000000	0.00580955	0.07622037
SITE_X5	18.00000000	0.00657174	18.00000000	0.00653094	0.08081422
SITE_X6	32.00000000	0.01168310	32.00000000	0.01155082	0.10747473
SITE_X7	65.00000000	0.02373129	65.00000000	0.02317658	0.15223855
SITE_X8	35.00000000	0.01277839	35.00000000	0.01261971	0.11233747
SITE_X9	27.00000000	0.00985761	27.00000000	0.00976400	0.09881298
SITE_X10	35.00000000	0.01277839	35.00000000	0.01261971	0.11233747
SITE_X11	17.00000000	0.00620664	17.00000000	0.00617038	0.07855174
SITE_X12	27.00000000	0.00985761	27.00000000	0.00976400	0.09881298
SITE_X13	78.00000000	0.02847755	78.00000000	0.02767668	0.16636310
SITE_X14	52.00000000	0.01898503	52.00000000	0.01863140	0.13649689
SITE_X15	40.00000000	0.01460387	40.00000000	0.01439585	0.11998272
SITE_X16	50.00000000	0.01825484	50.00000000	0.01792814	0.13389602
SITE_X17	38.00000000	0.01387368	38.00000000	0.01368619	0.11698801
SITE_X18	24.00000000	0.00876232	24.00000000	0.00868872	0.09321328
SITE_X1	43.00000000	0.01569916	43.00000000	0.01545834	0.12433157
SITE_X2	18.00000000	0.00657174	18.00000000	0.00653094	0.08081422
SITE_X21	33.00000000	0.01204819	33.00000000	0.01190738	0.10912095
SITE_X22	49.00000000	0.01788974	49.00000000	0.01757611	0.13257494
SITE_X23	53.00000000	0.01935013	53.00000000	0.01898263	0.13777747
SITE_X24	45.00000000	0.01642935	45.00000000	0.01616533	0.12714296
SITE_X25	42.00000000	0.01533406	42.00000000	0.01510444	0.12290014

TEH 0352382
DUP050301019

GROUP=FEMALES

SITE_X26	11.00000000	0.00401606	11.00000000	0.00400140	0.06325659
SITE_X27	54.00000000	0.01971522	54.00000000	0.01933359	0.13904529
SITE_X28	68.00000000	0.02482658	68.00000000	0.02421906	0.15562475
SITE_X29	58.00000000	0.02117561	58.00000000	0.02073478	0.14399575
SITE_X30	89.00000000	0.03249361	89.00000000	0.03144926	0.17733939
SITE_X31	55.00000000	0.02008032	55.00000000	0.01968429	0.14030071
SITE_X32	39.00000000	0.01423877	39.00000000	0.01404116	0.11849539
SITE_X33	62.00000000	0.02263600	62.00000000	0.02213169	0.14876724
SITE_X34	57.00000000	0.02081051	57.00000000	0.02038488	0.14277563
SITE_X35	46.00000000	0.01679445	46.00000000	0.01651843	0.12852404
SITE_X36	61.00000000	0.02227090	61.00000000	0.02178286	0.14759018
SITE_X37	42.00000000	0.01533406	42.00000000	0.01510444	0.12290014
SITE_X38	24.00000000	0.00876232	24.00000000	0.00868872	0.09321328
SITE_X39	42.00000000	0.01533406	42.00000000	0.01510444	0.12290014
SITE_X40	35.00000000	0.01277839	35.00000000	0.01261971	0.11233747
SITE_X41	31.00000000	0.01131800	31.00000000	0.01119399	0.10580165
SITE_X42	28.00000000	0.01022271	28.00000000	0.01012190	0.10060766
SITE_X43	41.00000000	0.01496897	41.00000000	0.01475028	0.12145074
SITE_X44	46.00000000	0.01679445	46.00000000	0.01651843	0.12852404
SITE_X45	52.00000000	0.01898503	52.00000000	0.01863140	0.13649689
SITE_X46	47.00000000	0.01715955	47.00000000	0.01687126	0.12988940
SITE_X47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
SITE_X48	59.00000000	0.02154071	59.00000000	0.02108440	0.14520470
SITE_X49	48.00000000	0.01752464	48.00000000	0.01722382	0.13123955
SITE_X50	34.00000000	0.01241329	34.00000000	0.01226368	0.11074149
SITE_X51	41.00000000	0.01496897	41.00000000	0.01475028	0.12145074
SITE_X52	30.00000000	0.01095290	30.00000000	0.01083689	0.10410040
SITE_X53	34.00000000	0.01241329	34.00000000	0.01226368	0.11074149
SITE_X54	36.00000000	0.01314348	36.00000000	0.01297547	0.11390992

TEH 0352383
DUP050301020

GROUP=FEMALES

SITE_X55	36.00000000	0.01314348	36.00000000	0.01297547	0.11390992
SITE_X56	49.00000000	0.01788974	49.00000000	0.01757611	0.13257494
SITE_X57	79.00000000	0.02884264	79.00000000	0.02802098	0.16739467
SITE_X58	58.00000000	0.02117561	58.00000000	0.02073478	0.14399575
SITE_X59	49.00000000	0.01788974	49.00000000	0.01757611	0.13257494
SITE_X60	52.00000000	0.01898503	52.00000000	0.01863140	0.13649689
SITE_X61	40.00000000	0.01460387	40.00000000	0.01439585	0.11998272
SITE_X62	57.00000000	0.02081051	57.00000000	0.02038488	0.14277563
SITE_X63	71.00000000	0.02592187	71.00000000	0.02525915	0.15893127
SITE_X64	59.00000000	0.02154071	59.00000000	0.02108440	0.14520470
L_BLD_PB	-21.92922399	-0.00800629	392.26884122	0.14320426	0.37842339
BODYMASS	-0.02966764	-0.00001083	0.00082440	0.00000030	0.00054862
AGE_YY	318.23294951	0.11618582	1053367.64739325	384.70806181	19.61397619
AGE_SQ	1053367.64739325	384.58110529	631625812.89591060	82732.11058553	287.63190120
HEMOGLBN	-90.16910780	-0.03292045	3335.62105676	1.21718504	1.10326109
SERUM_ZN	240.00506073	0.08762507	461122.39957252	168.40809683	12.97721452
RD_BD_CT	-26.82899055	-0.00979518	380.02695459	0.13870130	0.37242623
N_CA	19299.64293350	7.04623692	525422970.91323080	191850.61397246	438.00755013
ALCOHOL	-7.72542073	-0.00282053	526.93818259	0.19244572	0.43868636
N_POTASS	-5941.12048151	-2.16908378	2447475581.09567930	893887.03225259	945.45599171
SERM_ALB	13.03818710	0.00476020	284.51538743	0.10389091	0.32232114
N_VIT_C	-2891.75118740	-1.05576896	25156308.92074078	9186.72604076	95.84741019
N_RIBOFL	23.82740767	0.00869931	3324.06281060	1.21397207	1.10180401
N_OLEC_A	134.46642948	0.04909326	485866.64630976	177.45071034	13.32106266
S_VIT_C	2.10890621	0.00076995	783.03218081	0.28598632	0.53477689

TEH 035238 4

DUP05030102 1

GROUP=FEMALES

DEP VARIABLE: DI_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	78	16398057	210232	2138.352	0.0001
ERROR	2661	261616	98.314740		
U TOTAL	2739	16659673			

ROOT MSE	9.915379	R-SQUARE	0.9843
DEP MEAN	77.009493	ADJ R-SQ	0.9838
C.V.	12.87553		

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|	TOLERANCE	VARIANCE INFLATION
SITE_X1	1	73.791163	1.579392	46.721	0.0001	0.953016	1.049300
SITE_X2	1	78.696908	1.840517	42.758	0.0001	0.978140	1.022349
SITE_X3	1	76.629805	3.171620	24.161	0.0001	0.980946	1.019425
SITE_X4	1	76.809563	2.510916	30.590	0.0001	0.980345	1.020049
SITE_X5	1	81.087528	2.357673	34.393	0.0001	0.989105	1.011015
SITE_X6	1	79.144999	1.785762	44.320	0.0001	0.974822	1.025829
SITE_X7	1	80.220774	1.272425	63.046	0.0001	0.956911	1.045029
SITE_X8	1	77.962636	1.711547	45.551	0.0001	0.971311	1.029536
SITE_X9	1	73.493487	1.950281	37.684	0.0001	0.966858	1.034278
SITE_X10	1	79.231462	1.701429	46.568	0.0001	0.982898	1.017400
SITE_X11	1	73.036566	2.422268	30.152	0.0001	0.991812	1.008256
SITE_X12	1	76.727809	1.962074	39.105	0.0001	0.955270	1.046824
SITE_X13	1	81.027262	1.177369	68.821	0.0001	0.935936	1.068449
SITE_X14	1	73.043110	1.413220	51.686	0.0001	0.964984	1.036287
SITE_X15	1	79.212527	1.601990	49.446	0.0001	0.971915	1.028896
SITE_X16	1	72.423723	1.455483	49.759	0.0001	0.945443	1.057705
SITE_X17	1	77.546973	1.633945	47.460	0.0001	0.982715	1.017589
SITE_X18	1	85.350229	2.058312	41.466	0.0001	0.975454	1.025163
SITE_X19	1	82.619861	1.545185	53.469	0.0001	0.972885	1.027871
SITE_X20	1	77.350215	2.395917	32.284	0.0001	0.957781	1.044080
SITE_X21	1	81.931376	1.751901	46.767	0.0001	0.982539	1.017771
SITE_X22	1	76.138012	1.453725	52.374	0.0001	0.966713	1.034433
SITE_X23	1	74.268320	1.399761	53.058	0.0001	0.965431	1.035807
SITE_X24	1	78.749057	1.520544	51.790	0.0001	0.960733	1.040872
SITE_X25	1	82.821510	1.582594	52.333	0.0001	0.949164	1.053559
SITE_X26	1	80.021493	3.006918	26.612	0.0001	0.992500	1.007557

TEH 0352385
DUP050301022

GROUP=FEMALES

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > |T|	TOLERANCE	VARIANCE INFLATION
SITE_X27	1	69.053250	1.422478	48.544	0.0001	0.917871	1.089478
SITE_X28	1	82.263748	1.235811	66.567	0.0001	0.970786	1.030093
SITE_X29	1	81.545758	1.332442	61.200	0.0001	0.975414	1.025206
SITE_X30	1	79.689780	1.112558	71.628	0.0001	0.922421	1.084104
SITE_X31	1	69.951042	1.390058	50.322	0.0001	0.944060	1.059255
SITE_X32	1	75.828163	1.623808	46.698	0.0001	0.969869	1.031067
SITE_X33	1	82.176774	1.300950	63.167	0.0001	0.958626	1.043159
SITE_X34	1	78.313209	1.362680	57.470	0.0001	0.948613	1.054170
SITE_X35	1	83.047362	1.495864	55.518	0.0001	0.971476	1.029361
SITE_X36	1	80.818194	1.332827	60.637	0.0001	0.927946	1.077649
SITE_X37	1	80.099755	1.557699	51.422	0.0001	0.979745	1.020673
SITE_X38	1	76.674791	2.054523	37.320	0.0001	0.979056	1.021392
SITE_X39	1	72.984108	1.563343	46.685	0.0001	0.972684	1.028084
SITE_X40	1	83.603830	1.702605	49.103	0.0001	0.981540	1.018807
SITE_X41	1	81.878377	1.814169	45.133	0.0001	0.974642	1.026018
SITE_X42	1	77.219471	1.924157	40.132	0.0001	0.958169	1.043658
SITE_X43	1	76.046159	1.587409	47.906	0.0001	0.966066	1.035126
SITE_X44	1	80.684565	1.519177	53.111	0.0001	0.941889	1.061697
SITE_X45	1	80.656803	1.412889	57.086	0.0001	0.965436	1.035801
SITE_X46	1	76.199697	1.486050	51.277	0.0001	0.963765	1.037598
SITE_X47	0	0	.	.	.	.	.
SITE_X48	1	72.846362	1.342227	54.273	0.0001	0.945304	1.057860
SITE_X49	1	82.424443	1.475526	55.861	0.0001	0.957551	1.044331
SITE_X50	1	72.926145	1.729222	42.173	0.0001	0.979181	1.021262
SITE_X51	1	87.599911	1.581159	55.402	0.0001	0.973719	1.026990
SITE_X52	1	76.578926	1.846169	41.480	0.0001	0.972159	1.028638
SITE_X53	1	73.849178	1.726518	42.773	0.0001	0.982251	1.018070
SITE_X54	1	75.428602	1.669765	45.173	0.0001	0.992547	1.007509
SITE_X55	1	80.342180	1.694484	47.414	0.0001	0.963800	1.037560
SITE_X56	1	74.747249	1.451705	51.489	0.0001	0.969405	1.031560
SITE_X57	1	80.216925	1.163318	68.955	0.0001	0.946903	1.056075
SITE_X58	1	78.882413	1.340440	58.848	0.0001	0.963810	1.037549
SITE_X59	1	76.563662	1.454071	52.655	0.0001	0.966254	1.034925
SITE_X60	1	79.094369	1.406661	56.228	0.0001	0.974004	1.026689
SITE_X61	1	71.844743	1.598914	44.933	0.0001	0.975658	1.024950
SITE_X62	1	85.490179	1.348518	63.396	0.0001	0.968643	1.032372
SITE_X63	1	74.861627	1.221704	61.276	0.0001	0.952433	1.049943
SITE_X64	1	78.919729	1.337572	59.002	0.0001	0.951896	1.050535
L_BLD_PB	1	0.087706	0.627672	0.140	0.8889	0.636449	1.571218
BODYMASS	1	8472.726	399.435	21.212	0.0001	0.747747	1.337350
AGE_YY	1	0.150955	0.011681	12.923	0.0001	0.684028	1.461928
AGE_SQ	1	-0.00290367	0.0006919066	-4.197	0.0001	0.906601	1.103021
HEMOGLBN	1	-0.010849	0.249880	-0.043	0.9654	0.472462	2.116572
SERUM_ZN	1	-0.065236	0.015906	-4.101	0.0001	0.842758	1.186580
RD_BD_CT	1	3.013934	0.724127	4.162	0.0001	0.493713	2.025467
N_CA	1	0.0006630563	0.0006760628	0.981	0.3268	0.409494	2.442036
ALCOHOL	1	0.242192	0.477573	0.507	0.6121	0.818081	1.222372
N_POTASS	1	-0.000303018	0.0003309092	-0.916	0.3599	0.366847	2.725932
SERM_ALB	1	3.724527	0.689302	5.403	0.0001	0.727426	1.374711
N_VIT_C	1	0.002321624	0.002478875	0.937	0.3491	0.636085	1.572117
N_RIBOFL	1	-0.228857	0.231088	-0.990	0.3221	0.553890	1.805413
N_OLEC_A	1	-0.00595886	0.017710	-0.336	0.7365	0.645178	1.549960

DUP050301023
TEH 0352386

GROUP=FEMALES

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > |T|	TOLERANCE	VARIANCE INFLATION
S_VIT_C	1	-0.537711	0.410946	-1.308	0.1908	0.743483	1.345020

TEH 0352387

DUP05030102A

REGRESSION ON RAW DATA BY GROUPS FOR MODEL 2-DI_BLD_S DEPENDENT

22:14 THURSDAY,

GROUP=FEMALES

TEH 0352388

DUP050301025

GROUP=MALES

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
DI_BLD_S	210599.00000000	80.65836844	17391583.00000000	155.17672975	12.45699521
SITE_X1	52.00000000	0.01991574	52.00000000	0.01952658	0.13973755
SITE_X2	38.00000000	0.01455381	38.00000000	0.01434749	0.11978102
SITE_X3	12.00000000	0.00459594	12.00000000	0.00457657	0.06765035
SITE_X4	22.00000000	0.00842589	22.00000000	0.00835810	0.09142262
SITE_X5	24.00000000	0.00919188	24.00000000	0.00911088	0.09545093
SITE_X6	45.00000000	0.01723478	45.00000000	0.01694423	0.13017000
SITE_X7	64.00000000	0.02451168	64.00000000	0.02392002	0.15466098
SITE_X8	50.00000000	0.01914975	50.00000000	0.01879023	0.13707748
SITE_X9	19.00000000	0.00727691	19.00000000	0.00722672	0.08501012
SITE_X10	24.00000000	0.00919188	24.00000000	0.00911088	0.09545093
SITE_X11	22.00000000	0.00842589	22.00000000	0.00835810	0.09142262
SITE_X12	34.00000000	0.01302183	34.00000000	0.01285719	0.11338954
SITE_X13	78.00000000	0.02987361	78.00000000	0.02899228	0.17027120
SITE_X14	28.00000000	0.01072386	28.00000000	0.01061292	0.10301905
SITE_X15	47.00000000	0.01800077	47.00000000	0.01768351	0.13297936
SITE_X16	50.00000000	0.01914975	50.00000000	0.01879023	0.13707748
SITE_X17	35.00000000	0.01340483	35.00000000	0.01323020	0.11502262
SITE_X18	29.00000000	0.01110686	29.00000000	0.01098770	0.10482224
SITE_X19	40.00000000	0.01531980	40.00000000	0.01509088	0.12284496
SITE_X20	17.00000000	0.00651092	17.00000000	0.00647100	0.08044254
SITE_X21	37.00000000	0.01417082	37.00000000	0.01397536	0.11821741
SITE_X22	50.00000000	0.01914975	50.00000000	0.01879023	0.13707748
SITE_X23	44.00000000	0.01685178	44.00000000	0.01657415	0.12874062
SITE_X24	37.00000000	0.01417082	37.00000000	0.01397536	0.11821741
SITE_X25	42.00000000	0.01608579	42.00000000	0.01583310	0.12582966

TEH 0352389
DUP050301026

GROUP=MALES

SITE_X26	12.00000000	0.00459594	12.00000000	0.00457657	0.06765035
SITE_X27	66.00000000	0.02527767	66.00000000	0.02464815	0.15699730
SITE_X28	56.00000000	0.02144772	56.00000000	0.02099576	0.14489913
SITE_X29	56.00000000	0.02144772	56.00000000	0.02099576	0.14489913
SITE_X30	63.00000000	0.02412869	63.00000000	0.02355551	0.15347806
SITE_X31	35.00000000	0.01340483	35.00000000	0.01323020	0.11502262
SITE_X32	36.00000000	0.01378782	36.00000000	0.01360293	0.11663158
SITE_X33	56.00000000	0.02144772	56.00000000	0.02099576	0.14489913
SITE_X34	62.00000000	0.02374569	62.00000000	0.02319072	0.15228498
SITE_X35	35.00000000	0.01340483	35.00000000	0.01323020	0.11502262
SITE_X36	59.00000000	0.02259671	59.00000000	0.02209456	0.14864238
SITE_X37	36.00000000	0.01378782	36.00000000	0.01360293	0.11663158
SITE_X38	17.00000000	0.00651092	17.00000000	0.00647100	0.08044254
SITE_X39	39.00000000	0.01493681	39.00000000	0.01471934	0.12132327
SITE_X40	31.00000000	0.01187285	31.00000000	0.01173638	0.10833456
SITE_X41	34.00000000	0.01302183	34.00000000	0.01285719	0.11338954
SITE_X42	27.00000000	0.01034087	27.00000000	0.01023785	0.10118228
SITE_X43	48.00000000	0.01838376	48.00000000	0.01805271	0.13436038
SITE_X44	30.00000000	0.01148985	30.00000000	0.01136219	0.10659355
SITE_X45	47.00000000	0.01800077	47.00000000	0.01768351	0.13297936
SITE_X46	44.00000000	0.01685178	44.00000000	0.01657415	0.12874062
SITE_X47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
SITE_X48	54.00000000	0.02068173	54.00000000	0.02026176	0.14234380
SITE_X49	46.00000000	0.01761777	46.00000000	0.01731402	0.13158274
SITE_X50	37.00000000	0.01417082	37.00000000	0.01397536	0.11821741
SITE_X51	37.00000000	0.01417082	37.00000000	0.01397536	0.11821741
SITE_X52	28.00000000	0.01072386	28.00000000	0.01061292	0.10301905
SITE_X53	31.00000000	0.01187285	31.00000000	0.01173638	0.10833456
SITE_X54	28.00000000	0.01072386	28.00000000	0.01061292	0.10301905

TEH 0352390

DUP05030102?

GROUP=MALES

SITE_X55	45.00000000	0.01723478	45.00000000	0.01694423	0.13017000
SITE_X56	30.00000000	0.01148985	30.00000000	0.01136219	0.10659355
SITE_X57	61.00000000	0.02336270	61.00000000	0.02282562	0.15108151
SITE_X58	69.00000000	0.02642666	69.00000000	0.02573815	0.16043112
SITE_X59	44.00000000	0.01685178	44.00000000	0.01657415	0.12874062
SITE_X60	46.00000000	0.01761777	46.00000000	0.01731402	0.13158274
SITE_X61	49.00000000	0.01876676	49.00000000	0.01842162	0.13572627
SITE_X62	41.00000000	0.01570280	41.00000000	0.01546214	0.12434685
SITE_X63	71.00000000	0.02719265	71.00000000	0.02646334	0.16267557
SITE_X64	65.00000000	0.02489468	65.00000000	0.02428423	0.15583399
L_BLD_PB	-3.21374186	-0.00123085	350.71850246	0.13437339	0.36656976
BODYMASS	0.00241269	0.00000092	0.00048382	0.00000019	0.00043055
AGE_YY	647.42884191	0.24796202	1018107.27464775	390.01790685	19.74887103
AGE_SQ	1018107.27464775	389.93001710	610632423.39809730	81855.10972613	286.10332002
HEMOGLBN	-65.02102764	-0.02490273	3725.42107843	1.42674401	1.19446390
SERUM_ZN	79.69665718	0.03052342	599386.66011380	229.64912931	15.15417861
RD_BD_CT	-21.83028248	-0.00836089	426.64809424	0.16339677	0.40422367
N_CA	109.40033730	0.04189978	1149776640.34946250	440527.44665349	663.72241687
ALCOHOL	-1.94193752	-0.00074375	651.25537002	0.24952258	0.49952235
N_POTASS	13841.14394379	5.30108922	5538418027.62954800	2121971.13198875	1456.69871009
SERM_ALB	-6.58327232	-0.00252136	283.94274161	0.10878396	0.32982414
N_VIT_C	-810.80950432	-0.31053600	32326668.11362512	12385.60012570	111.29061113
N_RIBOFL	31.53192259	0.01207657	6336.89618182	2.42778367	1.55813468
N_OLEC_A	97.86361380	0.03748128	1264414.54493157	484.44861183	22.01019336
S_VIT_C	-5.97292455	-0.00228760	1061.26656433	0.40661031	0.63766002

TEH 0352391

DUP050301028

GROUP=MALES

DEP VARIABLE: DI_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	78	17123571	219533	2074.820	0.0001
ERROR	2533	268012	105.808		
U TOTAL	2611	17391583			

ROOT MSE	10.286310	R-SQUARE	0.9846
DEP MEAN	80.658368	ADJ R-SQ	0.9841
C.V.	12.75294		

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|	TOLERANCE	VARIANCE INFLATION
SITE_X1	1	79.099105	1.488072	53.155	0.0001	0.937572	1.066585
SITE_X2	1	82.293106	1.702346	48.341	0.0001	0.975005	1.025636
SITE_X3	1	77.865786	3.012193	25.850	0.0001	0.976277	1.024300
SITE_X4	1	82.448374	2.250024	36.643	0.0001	0.958070	1.043765
SITE_X5	1	87.670033	2.148789	40.800	0.0001	0.963675	1.037694
SITE_X6	1	89.149115	1.581342	56.376	0.0001	0.956766	1.045188
SITE_X7	1	84.647251	1.341814	63.084	0.0001	0.941310	1.062350
SITE_X8	1	85.818255	1.506025	56.983	0.0001	0.951223	1.051279
SITE_X9	1	80.377367	2.406891	33.395	0.0001	0.968333	1.032703
SITE_X10	1	84.064073	2.135891	39.358	0.0001	0.975350	1.025273
SITE_X11	1	81.135608	2.228144	36.414	0.0001	0.976978	1.023564
SITE_X12	1	81.839012	1.830186	44.716	0.0001	0.941331	1.062326
SITE_X13	1	85.648960	1.239978	69.073	0.0001	0.909427	1.099593
SITE_X14	1	77.983507	1.992611	39.136	0.0001	0.962053	1.039444
SITE_X15	1	82.011384	1.534856	53.433	0.0001	0.973139	1.027602
SITE_X16	1	78.566041	1.517211	51.783	0.0001	0.937248	1.066953
SITE_X17	1	85.905898	1.777049	48.342	0.0001	0.970316	1.030592
SITE_X18	1	85.541303	1.954384	43.769	0.0001	0.965944	1.035257
SITE_X19	1	83.460099	1.664823	50.132	0.0001	0.969233	1.031744
SITE_X20	1	88.746720	2.540406	34.934	0.0001	0.970736	1.030146
SITE_X21	1	83.640438	1.725669	48.468	0.0001	0.974094	1.026595
SITE_X22	1	82.730581	1.503767	55.016	0.0001	0.954081	1.048129
SITE_X23	1	77.839583	1.578817	49.302	0.0001	0.981260	1.019098
SITE_X24	1	83.166924	1.729118	48.098	0.0001	0.970212	1.030703
SITE_X25	1	87.045228	1.629607	53.415	0.0001	0.964156	1.037177
SITE_X26	1	82.475765	2.988438	27.598	0.0001	0.991860	1.008207

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TEH 0352392

GROUP=MALES

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > |T|	TOLERANCE	VARIANCE INFLATION
SITE_X27	1	71.913423	1.338689	53.719	0.0001	0.917773	1.089594
SITE_X28	1	85.056927	1.412382	60.222	0.0001	0.967928	1.033135
SITE_X29	1	86.725801	1.419646	61.090	0.0001	0.958048	1.043789
SITE_X30	1	84.634113	1.350185	62.683	0.0001	0.944060	1.059254
SITE_X31	1	77.092827	1.777219	43.378	0.0001	0.970131	1.030789
SITE_X32	1	80.709111	1.779683	45.350	0.0001	0.940938	1.062769
SITE_X33	1	87.770954	1.414465	62.052	0.0001	0.965079	1.036185
SITE_X34	1	81.782740	1.364927	59.917	0.0001	0.938308	1.065748
SITE_X35	1	86.234300	1.776533	48.541	0.0001	0.970880	1.029993
SITE_X36	1	86.008644	1.384931	62.103	0.0001	0.956615	1.045353
SITE_X37	1	83.412532	1.766244	47.226	0.0001	0.955312	1.046779
SITE_X38	1	81.864854	2.530118	32.356	0.0001	0.978646	1.021820
SITE_X39	1	76.975945	1.688167	45.597	0.0001	0.966406	1.034761
SITE_X40	1	85.043061	1.896037	44.853	0.0001	0.960840	1.040756
SITE_X41	1	94.470122	1.816812	51.998	0.0001	0.955241	1.046857
SITE_X42	1	85.084065	2.021592	42.088	0.0001	0.968909	1.032089
SITE_X43	1	82.794940	1.522490	54.381	0.0001	0.968785	1.032220
SITE_X44	1	81.575831	1.908690	42.739	0.0001	0.979368	1.021066
SITE_X45	1	82.745763	1.559077	53.074	0.0001	0.943138	1.060290
SITE_X46	1	78.855002	1.585858	49.724	0.0001	0.972566	1.028208
SITE_X47	0	0	.	.	.	.	.
SITE_X48	1	79.848096	1.462440	54.599	0.0001	0.935504	1.068943
SITE_X49	1	83.255139	1.564031	53.231	0.0001	0.957172	1.044744
SITE_X50	1	77.212839	1.721233	44.859	0.0001	0.979121	1.021324
SITE_X51	1	89.067299	1.730849	51.459	0.0001	0.968272	1.032767
SITE_X52	1	81.203091	1.967816	41.266	0.0001	0.986449	1.013737
SITE_X53	1	79.928887	1.886458	42.370	0.0001	0.970623	1.030266
SITE_X54	1	81.432886	1.973573	41.262	0.0001	0.980703	1.019677
SITE_X55	1	86.543043	1.566838	55.234	0.0001	0.974560	1.026104
SITE_X56	1	76.630699	1.920723	39.897	0.0001	0.967135	1.033981
SITE_X57	1	83.870314	1.378960	60.821	0.0001	0.934013	1.070649
SITE_X58	1	80.389601	1.308050	61.458	0.0001	0.920561	1.086294
SITE_X59	1	81.810330	1.598475	51.180	0.0001	0.957273	1.044634
SITE_X60	1	85.021690	1.570044	54.152	0.0001	0.949855	1.052792
SITE_X61	1	76.972020	1.523581	50.520	0.0001	0.948025	1.054825
SITE_X62	1	87.136224	1.645337	52.959	0.0001	0.968499	1.032525
SITE_X63	1	79.480482	1.271276	62.520	0.0001	0.947882	1.054984
SITE_X64	1	81.271808	1.323456	61.409	0.0001	0.953093	1.049216
L_BLD_PB	1	0.466026	0.646561	0.721	0.4711	0.721683	1.385651
BODYMASS	1	8841.575	541.050	16.342	0.0001	0.747075	1.338554
AGE_YY	1	0.166397	0.013779	12.076	0.0001	0.547459	1.826622
AGE_SQ	1	-0.00529966	0.0008219137	-6.448	0.0001	0.733129	1.364016
HEMOGLBN	1	0.311450	0.268402	1.160	0.2460	0.394421	2.535363
SERUM_ZN	1	-0.044678	0.014737	-3.032	0.0025	0.812844	1.230248
RD_BD_CT	1	1.297606	0.769124	1.687	0.0917	0.419413	2.384284
N_CA	1	0.0005232385	0.0004744311	1.103	0.2702	0.408846	2.445911
ALCOHOL	1	0.788927	0.447046	1.765	0.0777	0.812953	1.230083
N_POTASS	1	-0.000191217	0.0002364921	-0.809	0.4188	0.341591	2.927480
SERM_ALB	1	3.901621	0.775446	5.031	0.0001	0.619742	1.613574
N_VIT_C	1	0.0004049381	0.00221564	0.183	0.8550	0.666751	1.499811
N_RIBOFL	1	-0.106098	0.186839	-0.568	0.5702	0.478339	2.090567
N_OLEC_A	1	-0.00597027	0.012148	-0.491	0.6231	0.567039	1.763547

DUP050301030

TEH 0352393

GROUP=MALES

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > |T|	TOLERANCE	VARIANCE INFLATION
S_VIT_C	1	-0.482594	0.354077	-1.363	0.1730	0.795251	1.257465

TEH 0352394
DUP05030103

REGRESSION ON RAW DATA BY GROUPS FOR MODEL 2-DI_BLD_S DEPENDENT

22:14 THURSDAY,

GROUP=MALES

TEH 0352395

DUP05030103

GROUP=WHITE MALES

DESCRIPTIVE STATISTICS

	SUM	MEAN	UNCORRECTED SS	VARIANCE	STD DEVIATION
DI_BLD_S	42010.00000000	85.04048583	3641374.00000000	139.60079165	11.81527789
SITE_X1	5.00000000	0.01012146	5.00000000	0.01003934	0.10019649
SITE_X2	4.00000000	0.00809717	4.00000000	0.00804789	0.08971005
SITE_X3	2.00000000	0.00404858	2.00000000	0.00404037	0.06356391
SITE_X4	1.00000000	0.00202429	1.00000000	0.00202429	0.04499213
SITE_X5	2.00000000	0.00404858	2.00000000	0.00404037	0.06356391
SITE_X6	10.00000000	0.02024291	10.00000000	0.01987337	0.14097294
SITE_X7	8.00000000	0.01619433	8.00000000	0.01596439	0.12635028
SITE_X8	6.00000000	0.01214575	6.00000000	0.01202257	0.10964747
SITE_X9	3.00000000	0.00607287	3.00000000	0.00604824	0.07777042
SITE_X10	5.00000000	0.01012146	5.00000000	0.01003934	0.10019649
SITE_X11	4.00000000	0.00809717	4.00000000	0.00804789	0.08971005
SITE_X12	9.00000000	0.01821862	9.00000000	0.01792299	0.13387676
SITE_X13	12.00000000	0.02429150	12.00000000	0.02374950	0.15410872
SITE_X14	4.00000000	0.00809717	4.00000000	0.00804789	0.08971005
SITE_X15	12.00000000	0.02429150	12.00000000	0.02374950	0.15410872
SITE_X16	10.00000000	0.02024291	10.00000000	0.01987337	0.14097294
SITE_X17	11.00000000	0.02226721	11.00000000	0.02181554	0.14770084
SITE_X18	6.00000000	0.01214575	6.00000000	0.01202257	0.10964747
SITE_X19	12.00000000	0.02429150	12.00000000	0.02374950	0.15410872
SITE_X20	3.00000000	0.00607287	3.00000000	0.00604824	0.07777042
SITE_X21	9.00000000	0.01821862	9.00000000	0.01792299	0.13387676
SITE_X22	7.00000000	0.01417004	7.00000000	0.01399759	0.11831139
SITE_X23	10.00000000	0.02024291	10.00000000	0.01987337	0.14097294
SITE_X24	8.00000000	0.01619433	8.00000000	0.01596439	0.12635028
SITE_X25	5.00000000	0.01012146	5.00000000	0.01003934	0.10019649

TEH 0352396
DUP050301033

GROUP=WHITE MALES

SITE_X26	3.00000000	0.00607287	3.00000000	0.00604824	0.07777042
SITE_X27	13.00000000	0.02631579	13.00000000	0.02567524	0.16023496
SITE_X28	10.00000000	0.02024291	10.00000000	0.01987337	0.14097294
SITE_X29	11.00000000	0.02226721	11.00000000	0.02181554	0.14770084
SITE_X30	13.00000000	0.02631579	13.00000000	0.02567524	0.16023496
SITE_X31	6.00000000	0.01214575	6.00000000	0.01202257	0.10964747
SITE_X32	4.00000000	0.00809717	4.00000000	0.00804789	0.08971005
SITE_X33	11.00000000	0.02226721	11.00000000	0.02181554	0.14770084
SITE_X34	12.00000000	0.02429150	12.00000000	0.02374950	0.15410872
SITE_X35	6.00000000	0.01214575	6.00000000	0.01202257	0.10964747
SITE_X36	13.00000000	0.02631579	13.00000000	0.02567524	0.16023496
SITE_X37	2.00000000	0.00404858	2.00000000	0.00404037	0.06356391
SITE_X38	4.00000000	0.00809717	4.00000000	0.00804789	0.08971005
SITE_X39	5.00000000	0.01012146	5.00000000	0.01003934	0.10019649
SITE_X40	9.00000000	0.01821862	9.00000000	0.01792299	0.13387676
SITE_X41	11.00000000	0.02226721	11.00000000	0.02181554	0.14770084
SITE_X42	6.00000000	0.01214575	6.00000000	0.01202257	0.10964747
SITE_X43	13.00000000	0.02631579	13.00000000	0.02567524	0.16023496
SITE_X44	9.00000000	0.01821862	9.00000000	0.01792299	0.13387676
SITE_X45	7.00000000	0.01417004	7.00000000	0.01399759	0.11831139
SITE_X46	12.00000000	0.02429150	12.00000000	0.02374950	0.15410872
SITE_X47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
SITE_X48	16.00000000	0.03238866	16.00000000	0.03140321	0.17720950
SITE_X49	9.00000000	0.01821862	9.00000000	0.01792299	0.13387676
SITE_X50	12.00000000	0.02429150	12.00000000	0.02374950	0.15410872
SITE_X51	11.00000000	0.02226721	11.00000000	0.02181554	0.14770084
SITE_X52	10.00000000	0.02024291	10.00000000	0.01987337	0.14097294
SITE_X53	6.00000000	0.01214575	6.00000000	0.01202257	0.10964747
SITE_X54	6.00000000	0.01214575	6.00000000	0.01202257	0.10964747

TEH 0352397

DUP050301034

GROUP=WHITE MALES

SITE_X55	6.00000000	0.01214575	6.00000000	0.01202257	0.10964747
SITE_X56	3.00000000	0.00607287	3.00000000	0.00604824	0.07777042
SITE_X57	7.00000000	0.01417004	7.00000000	0.01399759	0.11831139
SITE_X58	15.00000000	0.03036437	15.00000000	0.02950210	0.17176175
SITE_X59	7.00000000	0.01417004	7.00000000	0.01399759	0.11831139
SITE_X60	6.00000000	0.01214575	6.00000000	0.01202257	0.10964747
SITE_X61	4.00000000	0.00809717	4.00000000	0.00804789	0.08971005
SITE_X62	7.00000000	0.01417004	7.00000000	0.01399759	0.11831139
SITE_X63	14.00000000	0.02834008	14.00000000	0.02759278	0.16611074
SITE_X64	7.00000000	0.01417004	7.00000000	0.01399759	0.11831139
L_BLD_PB	1.21870649	0.00246702	63.01746215	0.12781837	0.35751695
BODYMASS	0.00122423	0.00000248	0.00007688	0.00000016	0.00039489
AGE_YY	0.67681895	0.00137008	16656.87542122	33.78676368	5.81263827
AGE_SQ	16656.87542122	33.71837130	1043023.08513675	976.43078097	31.24789242
HEMOGLBN	-13.76205665	-0.02785841	588.23893842	1.19240477	1.09197288
SERUM_ZN	-68.62803738	-0.13892315	116237.94697877	235.75742993	15.35439448
RD_BD_CT	-3.83085307	-0.00775476	70.69068303	0.14332855	0.37858757
N_CA	-1644.69607591	-3.32934428	164437863.45075234	333534.25495188	577.52424620
ALCOHOL	-4.29949239	-0.00870343	123.24592234	0.24991583	0.49991582
N_POTASS	-2711.88995222	-5.48965577	871231332.11060520	1767173.31595998	1329.35071217
SERM_ALB	-3.55253935	-0.00719138	39.73609279	0.08054877	0.28381116
N_VIT_C	-683.74603309	-1.38410128	4900483.58958536	9938.20936273	99.69056807
N_RIBOFL	7.36498917	0.01490888	654.17046905	1.32669506	1.15182250
N_OLEC_A	150.82106532	0.30530580	220007.90740903	446.17010317	21.12273901
S_VIT_C	-4.80941600	-0.00973566	122.23416968	0.24784452	0.49783985

TEH 0352398

DUP050301035

GROUP=WHITE MALES

DEP VARIABLE: DI_BLD_S

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PROB>F
MODEL	78	3597128	46117.023	433.589	0.0001
ERROR	416	44246.232	106.361		
U TOTAL	494	3641374			

ROOT MSE	10.313153	R-SQUARE	0.9878
DEP MEAN	85.040486	ADJ R-SQ	0.9856
C.V.	12.12735		

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|	TOLERANCE	VARIANCE INFLATION
SITE_X1	1	89.802770	4.679463	19.191	0.0001	0.981384	1.018969
SITE_X2	1	78.810466	5.245215	15.025	0.0001	0.974378	1.026296
SITE_X3	1	74.014249	7.392225	10.012	0.0001	0.977157	1.023377
SITE_X4	1	91.542299	10.422337	8.783	0.0001	0.981144	1.019218
SITE_X5	1	109.062	7.362943	14.812	0.0001	0.984945	1.015285
SITE_X6	1	93.350049	3.392911	27.513	0.0001	0.943017	1.060426
SITE_X7	1	82.167583	3.803595	21.603	0.0001	0.934104	1.070545
SITE_X8	1	89.585575	4.314165	20.765	0.0001	0.964152	1.037181
SITE_X9	1	98.827556	6.100265	16.201	0.0001	0.958539	1.043254
SITE_X10	1	91.211817	4.733152	19.271	0.0001	0.959246	1.042485
SITE_X11	1	77.501095	5.267379	14.713	0.0001	0.966195	1.034988
SITE_X12	1	82.414151	3.669241	22.461	0.0001	0.894073	1.118477
SITE_X13	1	85.835144	3.049539	28.147	0.0001	0.976817	1.023733
SITE_X14	1	79.788623	5.260729	15.167	0.0001	0.968639	1.032376
SITE_X15	1	84.898167	3.061210	27.734	0.0001	0.969383	1.031584
SITE_X16	1	80.918557	3.367367	24.030	0.0001	0.957379	1.044519
SITE_X17	1	85.861632	3.183607	26.970	0.0001	0.975733	1.024870
SITE_X18	1	93.152880	4.589037	20.299	0.0001	0.852110	1.173557
SITE_X19	1	84.495059	3.123254	27.054	0.0001	0.931252	1.073823
SITE_X20	1	94.788182	6.226714	15.223	0.0001	0.920003	1.086953
SITE_X21	1	86.677417	3.617725	23.959	0.0001	0.919718	1.087290
SITE_X22	1	88.799533	4.039340	21.984	0.0001	0.944631	1.058615
SITE_X23	1	80.442079	3.319164	24.236	0.0001	0.985387	1.014829
SITE_X24	1	83.941372	3.709670	22.628	0.0001	0.982003	1.018326
SITE_X25	1	90.167804	4.762939	18.931	0.0001	0.947286	1.055648
SITE_X26	1	84.631757	6.069720	13.943	0.0001	0.968211	1.032833

DUP050301036

TEH 0352399

GROUP=WHITE MALES

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > |T|	TOLERANCE	VARIANCE INFLATION
SITE_X27	1	73.857818	3.014225	24.503	0.0001	0.924848	1.081259
SITE_X28	1	89.343914	3.385182	26.393	0.0001	0.947328	1.055600
SITE_X29	1	85.914471	3.228958	26.607	0.0001	0.948517	1.054277
SITE_X30	1	79.589386	3.001639	26.515	0.0001	0.932620	1.072248
SITE_X31	1	80.478240	4.339199	18.547	0.0001	0.953059	1.049253
SITE_X32	1	80.977887	5.331142	15.190	0.0001	0.943221	1.060197
SITE_X33	1	90.894311	3.185880	28.530	0.0001	0.974342	1.026334
SITE_X34	1	85.396182	3.133850	27.250	0.0001	0.924965	1.081122
SITE_X35	1	84.427771	4.324129	19.525	0.0001	0.959713	1.041978
SITE_X36	1	88.112523	3.048767	28.901	0.0001	0.904010	1.106183
SITE_X37	1	91.830173	7.502996	12.239	0.0001	0.948518	1.054277
SITE_X38	1	88.324976	5.394189	16.374	0.0001	0.921301	1.085422
SITE_X39	1	74.352229	4.741808	15.680	0.0001	0.955747	1.046301
SITE_X40	1	85.485302	3.504518	24.393	0.0001	0.980097	1.020307
SITE_X41	1	95.920360	3.255921	29.460	0.0001	0.932872	1.071958
SITE_X42	1	91.751392	4.367014	21.010	0.0001	0.940957	1.062748
SITE_X43	1	84.997090	2.993138	28.397	0.0001	0.937925	1.066184
SITE_X44	1	82.837243	3.522617	23.516	0.0001	0.970052	1.030873
SITE_X45	1	84.576828	4.055850	20.853	0.0001	0.936956	1.067286
SITE_X46	1	80.766725	3.124690	25.848	0.0001	0.930396	1.074811
SITE_X47	0	0	.	.	.	.	.
SITE_X48	1	85.245782	2.655650	32.100	0.0001	0.974137	1.026549
SITE_X49	1	85.520117	3.553316	24.068	0.0001	0.953363	1.048919
SITE_X50	1	78.111773	3.114066	25.084	0.0001	0.936755	1.067515
SITE_X51	1	91.664601	3.241214	28.281	0.0001	0.941358	1.062296
SITE_X52	1	83.995928	3.330956	25.217	0.0001	0.978423	1.022053
SITE_X53	1	80.656089	4.334203	18.609	0.0001	0.955257	1.046838
SITE_X54	1	86.042001	4.265834	20.170	0.0001	0.986123	1.014073
SITE_X55	1	88.291402	4.455569	19.816	0.0001	0.903925	1.106286
SITE_X56	1	81.327309	6.194904	13.128	0.0001	0.929475	1.075876
SITE_X57	1	90.207955	3.967366	22.737	0.0001	0.979216	1.021226
SITE_X58	1	83.506743	2.813852	29.677	0.0001	0.923593	1.082728
SITE_X59	1	76.723638	4.150341	18.486	0.0001	0.894778	1.117596
SITE_X60	1	79.852416	4.335279	18.419	0.0001	0.954783	1.047358
SITE_X61	1	72.124029	5.243439	13.755	0.0001	0.975038	1.025601
SITE_X62	1	85.922559	3.950079	21.752	0.0001	0.987805	1.012345
SITE_X63	1	78.847598	2.891280	27.271	0.0001	0.935321	1.069152
SITE_X64	1	80.533495	3.999019	20.138	0.0001	0.963776	1.037586
L_BLD_PB	1	0.855464	1.577190	0.542	0.5878	0.678539	1.473754
BODYMASS	1	10475.658	1277.729	8.199	0.0001	0.847419	1.180053
AGE_YY	1	0.035059	0.088971	0.394	0.6937	0.806667	1.239669
AGE_SQ	1	0.008805734	0.015783	0.558	0.5772	0.886987	1.127413
HEMOGLBN	1	0.484755	0.672948	0.720	0.4717	0.399530	2.502940
SERUM_ZN	1	-0.015363	0.034322	-0.448	0.6547	0.776843	1.287261
RD_BD_CT	1	0.187641	1.974244	0.095	0.9243	0.386191	2.589394
N_CA	1	0.001536291	0.001294925	1.186	0.2361	0.385751	2.592349
ALCOHOL	1	2.164300	1.052770	2.056	0.0404	0.778888	1.283881
N_POTASS	1	-0.00130133	0.0005864971	-2.219	0.0270	0.354916	2.817571
SERM_ALB	1	3.205664	1.928301	1.662	0.0972	0.720323	1.388266
N_VIT_C	1	0.010456	0.006165546	1.696	0.0906	0.571064	1.751117
N_RIBOFL	1	-0.899608	0.662223	-1.358	0.1751	0.370814	2.696767
N_OLEC_A	1	0.012677	0.029417	0.431	0.6667	0.558777	1.789623

DUP05030103?

TEH 0352400

GROUP=WHITE MALES

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T FOR H0: PARAMETER=0	PROB > |T|	TOLERANCE	VARIANCE INFLATION
S_VIT_C	1	-1.750389	1.225033	-1.429	0.1538	0.580045	1.724005

TEH 0352401

DUP05030103

REGRESSION ON RAW DATA BY GROUPS FOR MODEL 2-DI_BLD_S DEPENDENT

22:14 THURSDAY,

GROUP=WHITE MALES

TEH 0352402

DUP050301039



TEH 0352403

N36752.02

DUP050301040

```
1       S A S   L O G    OS SAS 82.4          MVS/XA JOB CAP363R  STEP SAS      PROC LISTRECS            22:14 THURSDAY, MAY 2, 1985

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

NOTE: CPUID   VERSION = A3  SERIAL = 023342  MODEL = 3081 .
      CPUID   VERSION = A3  SERIAL = 223342  MODEL = 3081 .

ERROR: THE SAS SYSTEM IS EXECUTING ON A PROCESSOR (CPU)
       WHOSE SERIAL NUMBER IS NOT INCLUDED IN THE SETINIT
       DATA USED TO INITIALIZE THE SAS SYSTEM LIBRARY IN
       USE.  THIS IS PERMITTED IF THIS PROCESSOR IS A
       DESIGNATED BACKUP PROCESSOR FOR A LICENSED CPU.
       FOR THIS CPU GROUP AT THIS SITE, THE SAS SYSTEM
       IS LICENSED FOR THE FOLLOWING CPU SERIAL NUMBERS:
       021795 121795 221795 321795 021042 221042 020953 220953

NOTE:  FOR THIS RELEASE (ONLY), EXECUTION WILL BE PERMITTED.

NOTE: SAS OPTIONS SPECIFIED ARE:
       SORT=4

1          DATA MALES FEMALES ;                                                  00010000
2             LENGTH VAR L_BLD_PB AGE_YY HEMOGLBN SERUM_ZN RD_BD_CT N_CA         00020001
3                 N_POTASS SERM_ALB N_VIT_C N_RIBOFL N_OLEC_A S_VIT_C 8 ;       00030001
4             SET WESLIB.BLOODPRS ;                                             00040000
5             DROP ALCOHOL ;                                                    00050000
6             LENGTH LIQUOR 8 ;                                                 00060000
7             IF BLOOD_PB >= 45 THEN BLOOD_PB = . ;                             00070000
8             IF BLOOD_PB = . | (SY_BLD_S = . & DI_BLD_S = . ) THEN DELETE ;    00080000
9             LIQUOR = ALCOHOL ;                                                00090000
10            L_BLD_PB = LOG(BLOOD_PB) ;                                        00100000
11            EXAM_DAT = EXAM_DAT - 5844;                                       00110000
12            IF AGE_YY < 12 THEN DELETE ;                                      00120000
13              ELSE IF SEX = '1' THEN OUTPUT MALES ;                           00130000
14                 ELSE OUTPUT FEMALES ;                                        00140000

NOTE: CHARACTER VALUES HAVE BEEN CONVERTED TO NUMERIC
      VALUES AT THE PLACES GIVEN BY: (LINE):(COLUMN).

      9:13

NOTE: THE VARIABLE VAR IS UNINITIALIZED.
NOTE: DATA SET WORK.MALES HAS 3255 OBSERVATIONS AND 94 VARIABLES. 162 OBS/TRK.
NOTE: DATA SET WORK.FEMALES HAS 3462 OBSERVATIONS AND 94 VARIABLES. 162 OBS/TRK.
NOTE: THE DATA STATEMENT USED 1.74 SECONDS AND 93824K.

15         DATA WHITMALE ;                                                     00150000
16            SET MALES ;                                                      00160000
17            IF 40 <= AGE_YY <=59 & RACE = '1' THEN OUTPUT ;                  00170001

NOTE: DATA SET WORK.WHITMALE HAS 593 OBSERVATIONS AND 94 VARIABLES. 162 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.30 SECONDS AND 93812K.

18         DATA MERGE(RENAME=(LIQUOR=ALCOHOL));                                00180000
19            SET MALES(IN=M) FEMALES(IN=F) WHITMALE(IN=W) ;                   00190000
20            LENGTH GROUP $ 12 ;                                              00200000
21            IF DI_BLD_S = . THEN DELETE ;  /*  NOTE VAR 1  */                00210000
22            BODYMASS = WEIGHT / (HEIGHT * HEIGHT) ;                          00220000
23            IF BODYMASS = . | HEMOGLBN = . | SERUM_ZN = . | RD_BD_CT = . |   00230000
24               N_CA = . | LIQUOR = . | N_POTASS = . | SERM_ALB = . | N_VIT_C =   00240000
```

DUP050301041

TEH 0352404

```
25              . | N_RIBOFL = . | N_OLEC_A = . | S_VIT_C = . THEN DELETE ;        00250000
26            IF M = 1 THEN GROUP = 'MALES' ;                                    00260000
27               ELSE IF F = 1 THEN GROUP = 'FEMALES' ;                          00270000
28                  ELSE GROUP = 'WHITE MALES' ;                                 00280000

NOTE: MISSING VALUES WERE GENERATED AS A RESULT OF PERFORMING
      AN OPERATION ON MISSING VALUES.
      EACH PLACE IS GIVEN BY: (NUMBER OF TIMES) AT (LINE):(COLUMN).

      138 AT 22:15

NOTE: DATA SET WORK.MERGE HAS 7147 OBSERVATIONS AND 96 VARIABLES. 152 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.99 SECONDS AND 93812K.

29         PROC SORT ;                                                          00290000
30            BY GROUP ;                                                        00300000

NOTE: 5 CYLINDERS DYNAMICALLY ALLOCATED ON WHD FOR EACH OF 3 SORT WORK DATA SETS.
NOTE: DATA SET WORK.MERGE HAS 7147 OBSERVATIONS AND 96 VARIABLES. 152 OBS/TRK.
NOTE: THE PROCEDURE SORT USED 1.33 SECONDS AND 40K.

31         PROC STANDARD DATA = MERGE OUT = MODEL_2 M = 0 ;                     00310000
32            BY GROUP ;                                                        00320000
33            VAR L_BLD_PB BODYMASS AGE_YY HEMOGLBN SERUM_ZN RD_BD_CT N_CA ALCOHOL 00330001
34                N_POTASS SERM_ALB N_VIT_C N_RIBOFL N_OLEC_A S_VIT_C ;        00340000

NOTE: DATA SET WORK.MODEL_2 HAS 7147 OBSERVATIONS AND 96 VARIABLES. 152 OBS/TRK.
NOTE: THE PROCEDURE STANDARD USED 2.31 SECONDS AND 93842K.

35         DATA MODEL_2 ;                                                       00350001
36            SET MODEL_2 ;                                                     00360001
37            AGE_SQ = AGE_YY * AGE_YY ;                                        00370001

NOTE: DATA SET WORK.MODEL_2 HAS 7147 OBSERVATIONS AND 97 VARIABLES. 148 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.78 SECONDS AND 93812K.

38         PROC REG DATA=MODEL_2 SIMPLE ;                                       00380000
39            MODEL DI_BLD_S = SITE_X1--SITE_X64                                00390000
40                L_BLD_PB BODYMASS AGE_YY AGE_SQ HEMOGLBN SERUM_ZN RD_BD_CT N_CA 00400001
41                ALCOHOL N_POTASS SERM_ALB N_VIT_C N_RIBOFL N_OLEC_A S_VIT_C   00410001
42                     / NOINT TOL VIF ;                                        00420001
43            BY GROUP ;                                                        00430000
44         TITLE 'REGRESSION ON RAW DATA BY GROUPS FOR MODEL 2-DI_BLD_S DEPENDENT';00440000

NOTE: THE PROCEDURE REG USED 9.84 SECONDS AND 93960K AND PRINTED PAGES 1 TO 21.
NOTE: SAS USED 40K MEMORY.

ERROR: ERRORS ON PAGES 1.

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

DUP05030104



N36752.03

TEH 0352406

DUP05030104

```
ICE000I - --- CONTROL STATEMENTS/MESSAGES ---- 5740-SM1 REL 5.0 PTF 00 ----- 22.15.16 MAY  2, 1985 ----

           SORT FIELDS=(00288,012,CH,A,1,4,CH,A),FILSZ=00007147
           RECORD LENGTH=00307,TYPE=F
ICE089I - CAP363R .SAS      , INPUT LRECL = 307, TYPE = F
ICE093I - MAIN STORAGE = (MAX,524288,524288), NMAX = 19800, BLOCKSET
ICE085I - 36 PERCENT OF PRIMARY WORK DATA SET EXTENTS REQUIRED
ICE055I - INSERT 7147, DELETE 7147.
ICE054I - RECORDS - IN: 0, OUT: 0, - END OF SORT
```

TEH 0352407

DUP050301044

JES JOB NO. = 3011 DATE = 85.122

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

PROCESSOR FOR THIS JOB = SYA

LINES OUTPUT FOR THIS JOB = 000763 PRINTER: B31

CARDS FOR THIS JOB = NONE

TEH 0352408

DUP050301045