```
******TITLE   HEMOGLOBIN                                                    ******
******MODEL NFAC=3,NOD=2,RFC=1,DESIGN=CROSSED,NREP=3,DEV=TRUE,CODES=TRUE/   ******
******FACTOR1 NAME=PB GROUP,NLEV=3,LNAME=CONTROL,PB(LOW),PB(HI),LCODE=1,2,3,FIXED=T,/ ******
******FACTOR2 NAME=SEX,NLEV=2,LNAME=MALE,FEMALE,LCODE=M,F,FIXED=TRUE/       ******
******FACTOR3 NAME=SUBGROUP,NLEV=2,LNAME=A,B,LCODE=A,B,FIXED=TRUE/          ******
******RESPONSE INTERCEPT(16),INTERCEPT(15/)                                 ******
******MEANS 1                                                               ******
******MEANS PLOT 1                                                          ******
******FORMAT(4X,A1,4X,A1,2X,A1,10X,2F10.4)                                  ******
******DATA                                                                  ******
```

N36877

1979118

INPUT DATA MATRIX (DOES NOT INCLUDE TRANSFORMATIONS)

	Intercept 16	Dog	Intercept 15 (omits dog part-terror. dog 1
1	1 1 1		
	-.18650	808 ♂	-.22490
2	1 1 1		
	-.18740	809 A	-.18390
3	1 1 1		
	-.18650	812	-.18330
4	1 1 2		
	-.22120	813	-.24950
5	1 1 2		
	-.15890	822 ♂ B	-.19910
6	1 1 2		
	-.19280	823	-.24530
7	1 2 1	790	
	-.14910		-.14860
8	1 2 1	793 ♀A	
	-.17710		-.20400
9	1 2 1		
	-.20630	797	-.24880
10	1 2 2		
	-.24080	802	-.29210
11	1 2 2	♀B	
	-.15020	805	-.17280
12	1 2 2		
	-.24990	864	-.30380
13	2 1 1	810	
	-.17630		-.22080
14	2 1 1	811 ♂ A	
	-.17600		-.19830
15	2 1 1	814	
	-.23560		-.23790
16	2 1 2	816	
	-.16720	817 ♂ B	-.19910
17	2 1 2		
	-.20240	818	-.23850
18	2 1 2		
	-.19950		-.24670
19	2 2 1	795	
	-.20030	♀A	-.22140
20	2 2 1	799	
	-.32550		-.38160
21	2 2 1		
	-.24370	800	-.24230
22	2 2 2		
	-.32850	♀B 803	-.42600
23	2 2 2	804	
	-.14180		-.23730
24	2 2 2		
	-.21700	863	-.22120
25	3 1 1		
	-.17940	♂A 815	-.17990
26	3 1 1		
	-.16730	819	-.16870
27	3 1 1		
	-.20310	820	-.24590
28	3 1 2		
	-.18170	♂ B	-.18640

Sex 17 Subgroup

DUP050310691

HEMOGLOBIN 801

29	3	1	2			
		-.19500		829		-.24350
30	3	1	2			
		-.23750		825		-.27220
31	3	2	1	QA	791	
		-.20710				-.19120
32	3	2	1		792	
		-.19100				-.22460
33	3	2	1		794	
		-.22840				-.28190
34	3	2	2		796	
		-.19930				-.22090
35	3	2	2		798	
		-.21950				-.24670
36	3	2	2			
		-.18810		801		-.24250

******ANOVA ******

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

DUP050310692

RESPONSE NUMBER 1 INTERCEPT 16

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	-.1868	.0000	.0005	3
1 1 2	-.1910	.0010	.0312	3
1 2 1	-.1775	.0008	.0286	3
1 2 2	-.2136	.0030	.0551	3
2 1 1	-.1960	.0012	.0343	3
2 1 2	-.1897	.0004	.0195	3
2 2 1	-.2565	.0040	.0636	3
2 2 2	-.2291	.0088	.0939	3
3 1 1	-.1833	.0003	.0182	3
3 1 2	-.2047	.0008	.0291	3
3 2 1	-.2088	.0004	.0188	3
3 2 2	-.2023	.0003	.0159	3

GRAND MEAN -.20327

I δ I δ II δ

A — B — A D

DUP05031069

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031069A

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RESPONSE NUMBER 1 INTERCEPT 16

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F
TOTAL	35	.05818		
A = PB GROUP	2	.00415	.00207	
B = SEX	1	.00465	.00465	
AB	2	.00337	.00169	
C = SUBGROUP	1	.00012	.00012	
AC	2	.00212	.00106	
BC	1	.00007	.00007	
ABC	2	.00162	.00081	
REPLICATES	24	.04208	.00175	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP05310695

MEANS TABLES

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
=.1922	=.2178	=.1998

STANDARD ERROR OF A MEAN =	.0121
95% CONFIDENCE LIMITS =	.0249
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0171
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0353

SEX MEANS

MALE	FEMALE
=.1919	=.2146

STANDARD ERROR OF A MEAN =	.0099
95% CONFIDENCE LIMITS =	.0204
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0140
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0288

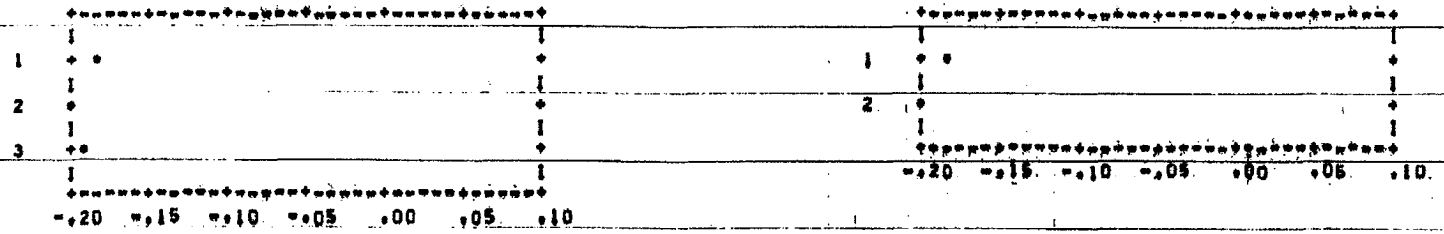
SUBGROUP MEANS

A	B
=.2015	=.2051

STANDARD ERROR OF A MEAN =	.0099
95% CONFIDENCE LIMITS =	.0204
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0140
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0288

DUP050310696

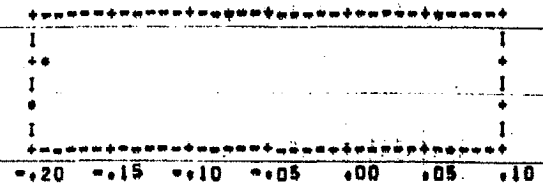
PB GROUP HEMOGLOBIN MEANS SEX PAGE 8 MEANS 8



DUP05031069?

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

HEMOGLOBIN
SUBGROUP MEANS



DUP05031069B

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

CELL DEVIATION TABLES

PB GROUP DEVIATIONS

CONTRO	PB(LOW	PB(HI)
.0110	-.0145	.0035

SEX DEVIATIONS

MALE	FEMALE
.0114	-.0114

SUBGROUP DEVIATIONS

A	B
.0018	-.0018

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U.S.A.

RESPONSE NUMBER 2 INTERCEPT 15

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS.
1 1 1	-.1974	.0006	.0238	3
1 1 2	-.2313	.0008	.0280	3
1 2 1	-.2005	.0025	.0502	3
1 2 2	-.2562	.0053	.0726	3
2 1 1	-.2190	.0004	.0199	3
2 1 2	-.2281	.0006	.0254	3
2 2 1	-.2818	.0076	.0871	3
2 2 2	-.2948	.0130	.1139	3
3 1 1	-.1982	.0017	.0417	3
3 1 2	-.2340	.0019	.0437	3
3 2 1	-.2326	.0021	.0459	3
3 2 2	-.2367	.0002	.0138	3

GRAND MEAN -.23421

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

DUP050310700

1979198

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031070I

RESPONSE NUMBER 2 INTERCEPT 15

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F
TOTAL	35	.10484		
A = PB GROUP	2	.00858	.00429	
B = SEX	1	.00947	.00947	
AB	2	.00473	.00237	
C = SUBGROUP	1	.00577	.00577	
AC	2	.00184	.00092	
BC	1	.00001	.00001	
ABC	2	.00112	.00056	
REPLICATES	24	.07333	.00306	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP05031070Z

19/9130

MEANS TABLES

Intercept 15

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
=.2213	=.2859	=.2254

STANDARD ERROR OF A MEAN =	.0160
95% CONFIDENCE LIMITS =	.0329
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0226
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0466

SEX MEANS

MALE	FEMALE
=.2180	=.2504

STANDARD ERROR OF A MEAN =	.0130
95% CONFIDENCE LIMITS =	.0269
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0184
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0380

SUBGROUP MEANS

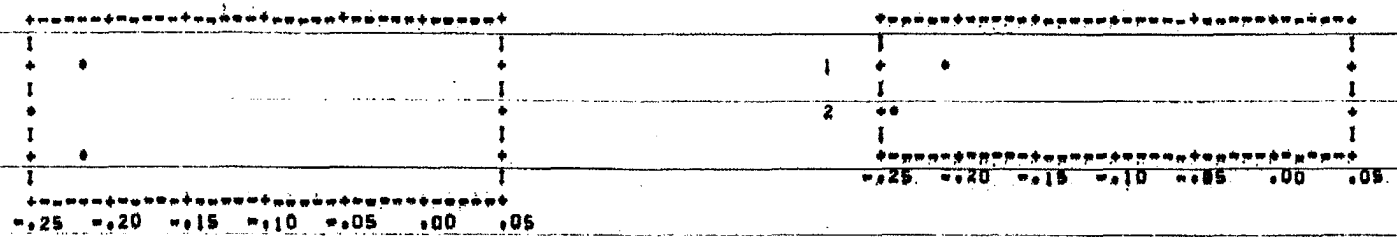
A	B
=.2216	=.2469

STANDARD ERROR OF A MEAN =	.0130
95% CONFIDENCE LIMITS =	.0269
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0184
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0380

DUP05031070

PB GROUP HEMOGLOBIN MEANS

```
      +-----+-----+-----+-----+-----+-----+
      I                                   I
1     +   *                               +
      I                                   I
2     *                                   +
      I                                   I
3     +   *                               +
      I                                   I
      +-----+-----+-----+-----+-----+-----+
     -.25  -.20  -.15  -.10  -.05   .00   .05
```



SEX MEANS

```
      +-----+-----+-----+-----+-----+-----+
      I                                   I
1     +   *                               +
      I                                   I
2     **                                  +
      I                                   I
      +-----+-----+-----+-----+-----+-----+
     -.25  -.20  -.15  -.10  -.05   .00   .05
```

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

DUP050310704

SUBGROUP MEANS



DUP05031070S

CELL DEVIATION TABLES

FB GROUP DEVIATIONS

CONTRO	PB(LOW	PB(HI)
.0129	-.0217	.0088

SEX DEVIATIONS

MALE	FEMALE
.0162	-.0162

SUBGROUP DEVIATIONS

A	B
.0127	-.0127

******TITLE HEMOGLOBIN

******RESPONSE SLOPE 16,SLOPE 16/

******DATA

DUP05031070G

INPUT DATA MATRIX (DOES NOT INCLUDE TRANSFORMATIONS)

16 15

1	1	1	1	.09440	.12210
2	1	1	1	.12410	.12180
3	1	1	1	.12010	.11790
4	1	1	2	.11750	.13630
5	1	1	2	.08260	.10920
6	1	1	2	.10170	.13640
7	1	2	1	.10650	.10620
8	1	2	1	.10070	.11850
9	1	2	1	.12960	.15760
10	1	2	2	.13910	.17300
11	1	2	2	.11400	.12890
12	1	2	2	.12840	.16400
13	2	1	1	.10420	.13370
14	2	1	1	.09410	.10890
15	2	1	1	.14110	.16260
16	2	1	2	.09830	.11950
17	2	1	2	.11600	.13990
18	2	1	2	.10420	.13550
19	2	2	1	.11600	.13000
20	2	2	1	.20520	.24230
21	2	2	1	.15100	.15000
22	2	2	2	.19570	.26030
23	2	2	2	.07150	.13480
24	2	2	2	.14010	.14300
25	3	1	1	.11530	.11560
26	3	1	1	.10710	.10800
27	3	1	1	.10510	.13340
28	3	1	2	.10240	.10560

DUP050310707

29	3	1	2	
		.10800		.14010
30	3	1	2	
		.14480		.16770
31	3	2	1	
		.11220		.10160
32	3	2	1	
		.10130		.12350
33	3	2	1	
		.13770		.17310
34	3	2	2	
		.11480		.12910
35	3	2	2	
		.13760		.15550
36	3	2	2	
		.11090		.14700

******ANOVA ******

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

DUP05031070B

RESPONSE NUMBER 1 SLOPE 14

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	.1129	.0003	.0161	3
1 1 2	.1006	.0003	.0175	3
1 2 1	.1123	.0002	.0153	3
1 2 2	.1272	.0002	.0126	3
2 1 1	.1198	.0013	.0361	3
2 1 2	.1062	.0001	.0090	3
2 2 1	.1574	.0020	.0449	3
2 2 2	.1388	.0039	.0622	3
3 1 1	.1092	.0000	.0054	3
3 1 2	.1184	.0005	.0230	3
3 2 1	.1171	.0003	.0187	3
3 2 2	.1211	.0002	.0144	3

GRAND MEAN .11981

DUP05031070 9

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031071O

1979128

1979138

RESPONSE NUMBER 1 SLOPE 16

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.02622		
A = PB GROUP	2	.00185	.00093	1.19
B = SEX	1	.00269	.00269	3.45
AB	2	.00128	.00064	.82
C = SUBGROUP	1	.00009	.00009	.12
AC	2	.00098	.00049	.63
BC	1	.00005	.00005	.06
ABC	2	.00057	.00029	.37
REPLICATES	24	.01870	.00078	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

FORM 1431 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

DUP05031071 1

MEANS TABLES

Scope 16

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
.1132	.1298	.1164 ←

STANDARD ERROR OF A MEAN =	.0081
95% CONFIDENCE LIMITS =	.0144
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0119
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0236

SEX MEANS

MALE	FEMALE
.1112	.1285 ←

STANDARD ERROR OF A MEAN =	.0066
95% CONFIDENCE LIMITS =	.0136
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0093
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0192

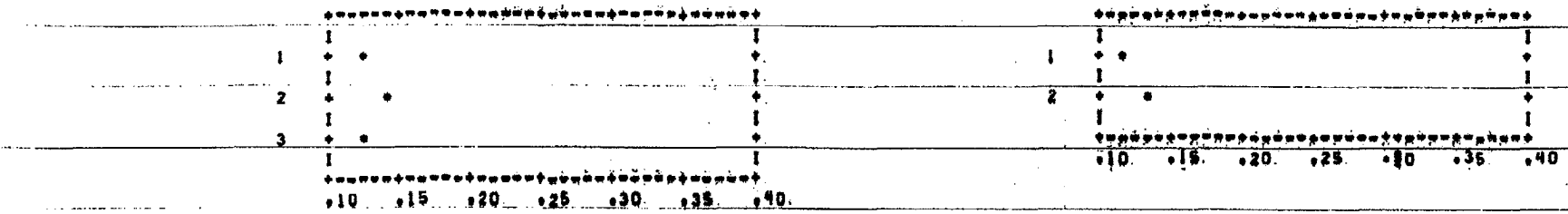
SUBGROUP MEANS

A	B
.1214	.1182 ←

STANDARD ERROR OF A MEAN =	.0066
95% CONFIDENCE LIMITS =	.0136
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0093
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0192

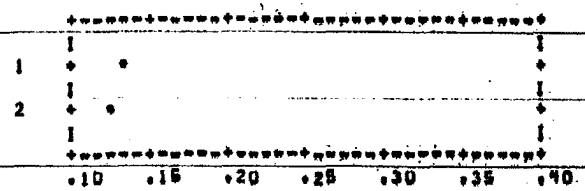
DUP05031071 2

PB GROUP HEMOGLOBIN MEANS SEX MEANS



DUP05031071

FORM 1421 PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.



DUP05031071 4

CELL DEVIATION TABLES

PB GROUP DEVIATIONS

CONTRO	PB(LOW	PB(HI)
-.0066	.0100	-.0034

SEX DEVIATIONS

MALE	FEMALE
-.0086	.0086

SUBGROUP DEVIATIONS

A	B
.0016	-.0016

DUP05031071S

27

HEMOGLOBIN

RESPONSE NUMBER 2 SLOPE 15

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	.1206	.0000	.0023	3
1 1 2	.1273	.0002	.0157	3
1 2 1	.1274	.0007	.0268	3
1 2 2	.1553	.0005	.0233	3
2 1 1	.1361	.0007	.0269	3
2 1 2	.1316	.0001	.0107	3
2 2 1	.1741	.0036	.0599	3
2 2 2	.1794	.0049	.0702	3
3 1 1	.1190	.0002	.0130	3
3 1 2	.1378	.0010	.0311	3
3 2 1	.1327	.0013	.0366	3
3 2 2	.1439	.0002	.0135	3

GRAND MEAN .14035

DUP05310716

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031071?

RESPONSE NUMBER 2 SLOPE 15

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.03981		
A = PB GROUP	2	.00389	.00194	1.72
B = SEX	1	.00500	.00500	4.43 * ←
AB	2	.00185	.00093	.82
C = SUBGROUP	1	.00110	.00110	.98
AC	2	.00047	.00024	.21
BC	1	.00012	.00012	.11
ABC	2	.00031	.00016	.14
REPLICATES	24	.02706	.00113	

4.26
3.40

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP05031071B

MEANS TABLES

PB GROUP MEANS

slope 15

CONTRO	PB(LOW	PB(HI)
.1327	.1550	.1333

STANDARD ERROR OF A MEAN =	.0097
95% CONFIDENCE LIMITS =	.0200
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0137
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0283

SEX MEANS

MALE	FEMALE
.1286	.1521

STANDARD ERROR OF A MEAN =	.0079
95% CONFIDENCE LIMITS =	.0163
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0112
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0231

SUBGROUP MEANS

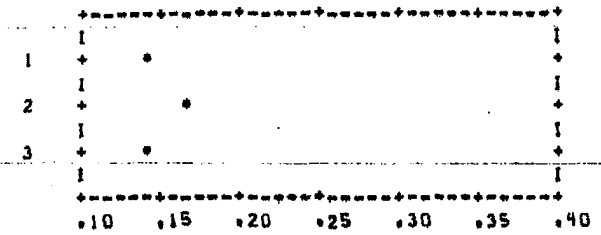
A	B
.1348	.1459

STANDARD ERROR OF A MEAN =	.0079
95% CONFIDENCE LIMITS =	.0163
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0112
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0231

DUP050310719

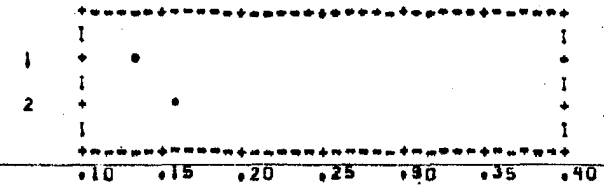
HEMOGLOBIN MEANS

PB GROUP



SEX

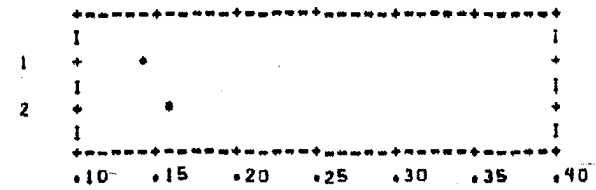
MEANS



31

DUP05031072O

SUBGROUP MEANS



DUP05031072I

CELL DEVIATION TABLES

PB GROUP DEVIATIONS

CONTRO	PB(LOW	PB(HI)
-.0077	.0147	-.0070

SEX DEVIATIONS

MALE	FEMALE
-.0118	.0118

SUBGROUP DEVIATIONS

A	B
-.0055	.0055

******TITLE HEMATOCRIT ******

******RESPONSE INTERCEPT 16,INTERCEPT 15/ ******

******DATA ******

DUP05031072

INPUT DATA MATRIX (DOES NOT INCLUDE TRANSFORMATIONS)

1	1	1	1	-.22070	-.28310
2	1	1	1	-.20070	-.17940
3	1	1	1	-.21790	-.18900
4	1	1	2	-.24310	-.26000
5	1	1	2	-.18000	-.23020
6	1	1	2	-.21740	-.27400
7	1	2	1	-.16150	-.14940
8	1	2	1	-.19110	-.20960
9	1	2	1	-.24080	-.27310
10	1	2	2	-.25850	-.30180
11	1	2	2	-.15980	-.17550
12	1	2	2	-.26160	-.30180
13	2	1	1	-.19950	-.23360
14	2	1	1	-.19230	-.22470
15	2	1	1	-.25950	-.24080
16	2	1	2	-.18790	-.20860
17	2	1	2	-.21740	-.24530
18	2	1	2	-.21690	-.25200
19	2	2	1	-.24100	-.25680
20	2	2	1	-.37740	-.41990
21	2	2	1	-.25610	-.24610
22	2	2	2	-.38700	-.46160
23	2	2	2	-.17190	-.27240
24	2	2	2	-.24680	-.23310
25	3	1	1	-.21380	-.20150
26	3	1	1	-.19170	-.18550
27	3	1	1	-.21630	-.26570
28	3	1	2	-.18640	-.17580

N36877.01
DUP050310723

HEMATOCRIT

29	3	1	2	
		-.19190		-.21710
30	3	1	2	
		-.22970		-.23690
31	3	2	1	
		-.21700		-.18520
32	3	2	1	
		-.20860		-.23590
33	3	2	1	
		-.25210		-.29140
34	3	2	2	
		-.20470		-.20780
35	3	2	2	
		-.22160		-.23750
36	3	2	2	
		-.19040		-.22630

******ANOVA ******

DUP05031072

RESPONSE NUMBER 1 INTERCEPT 16

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	-.2131	.0001	.0108	3
1 1 2	-.2135	.0010	.0317	3
1 2 1	-.1978	.0016	.0401	3
1 2 2	-.2266	.0034	.0579	3
2 1 1	-.2171	.0014	.0369	3
2 1 2	-.2074	.0003	.0169	3
2 2 1	-.2915	.0056	.0748	3
2 2 2	-.2686	.0119	.1092	3
3 1 1	-.2073	.0002	.0135	3
3 1 2	-.2027	.0006	.0236	3
3 2 1	-.2259	.0005	.0231	3
3 2 2	-.2056	.0002	.0156	3

GRAND MEAN -.22308

DUP05031072S

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031072G

RESPONSE NUMBER 1 INTERCEPT 16

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.08009		
A = PB GROUP	2	.00961	.00480	2.15
B = SEX	1	.00600	.00600	2.69
AB	2	.00814	.00407	1.82
C = SUBGROUP	1	.00020	.00020	.09
AC	2	.00170	.00085	.38
BC	1	.00000	.00000	.00
ABC	2	.00092	.00046	.21
REPLICATES	24	.05352	.00223	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP050310727

MEANS TABLES

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
-.2128	-.2461	-.2103

STANDARD ERROR OF A MEAN =	.0136
95% CONFIDENCE LIMITS =	.0281
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0193
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0398

SEX MEANS

MALE	FEMALE
-.2102	-.2360

STANDARD ERROR OF A MEAN =	.0111
95% CONFIDENCE LIMITS =	.0230
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0157
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0325

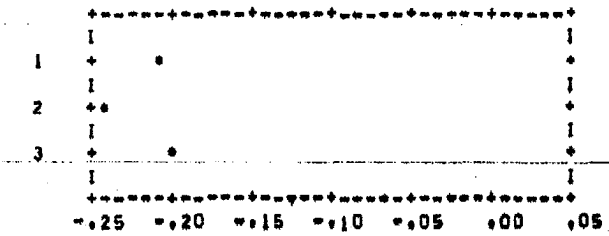
SUBGROUP MEANS

A	B
-.2254	-.2207

STANDARD ERROR OF A MEAN =	.0111
95% CONFIDENCE LIMITS =	.0230
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0157
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0325

DUP050310728

HEMATOCRIT MEANS PB GROUP



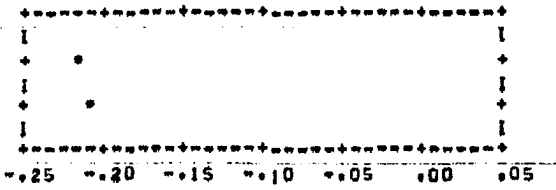
SEX

MEANS



DUP05031072

HEMATOCRIT
SUBGROUP MEANS



DUP050310730

CELL DEVIATION TABLES

PB GROUP	DEVIATIONS
CONTRO	.0103
PB(LOW	-.0231
PB(HI)	.0127

SEX	DEVIATIONS
MALE	.0129
FEMALE	-.0129

SUBGROUP	DEVIATIONS
A	-.0024
B	.0024

DUP05031073I

RESPONSE NUMBER 2 INTERCEPT 15

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	-.2172	.0033	.0573	3
1 1 2	-.2547	.0005	.0224	3
1 2 1	-.2107	.0038	.0619	3
1 2 2	-.2597	.0053	.0729	3
2 1 1	-.2330	.0001	.0081	3
2 1 2	-.2353	.0005	.0234	3
2 2 1	-.3076	.0095	.0974	3
2 2 2	-.3224	.0149	.1222	3
3 1 1	-.2176	.0018	.0424	3
3 1 2	-.2099	.0010	.0312	3
3 2 1	-.2375	.0028	.0531	3
3 2 2	-.2239	.0002	.0150	3

GRAND MEAN -.24412

DUP05310732

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031073

RESPONSE NUMBER 2 INTERCEPT 15

A N O V A T A B L E

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.13218		
A = PB GROUP	2	.01776	.00888	2.43
B = SEX	1	.00941	.00941	2.58
AB	2	.01105	.00552	1.51
C = SUBGROUP	1	.00169	.00169	.46
AC	2	.00498	.00224	.61
BC	1	.00008	.00008	.02
ABC	2	.00016	.00008	.02
REPLICATES	20	.08754	.00365	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP05031O734

MEANS TABLES

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
-.2356	-.2746	-.2222

STANDARD ERROR OF A MEAN =	.0174
95% CONFIDENCE LIMITS =	.0360
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0247
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0509

SEX MEANS

MALE	FEMALE
-.2280	-.2603

STANDARD ERROR OF A MEAN =	.0142
95% CONFIDENCE LIMITS =	.0294
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0201
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0415

SUBGROUP MEANS

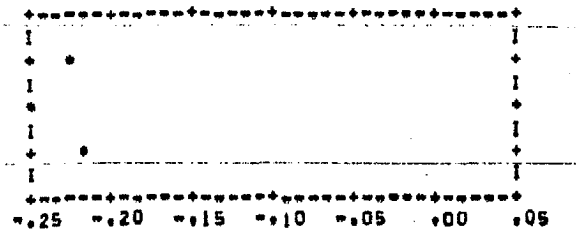
A	B
-.2373	-.2510

STANDARD ERROR OF A MEAN =	.0142
95% CONFIDENCE LIMITS =	.0294
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0201
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0415

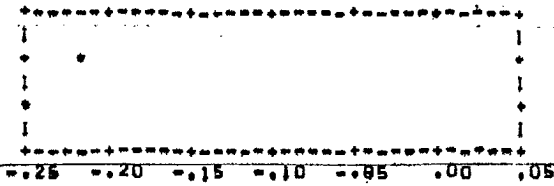
DUP050310735

HEMATOCRIT MEANS

PB GROUP

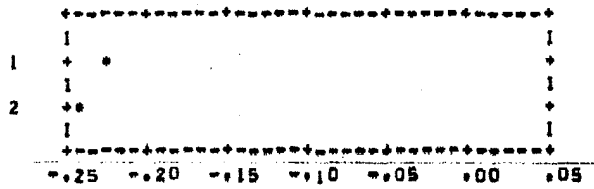


SEX MEANS



DUP05031073G

SUBGROUP MEANS



DUP050310737

CELL DEVIATION TABLES

PB GROUP DEVIATIONS

CONTRO	PB(LOW	PB(HI)
.0085	-.0205	.0219

SEX DEVIATIONS

MALE	FEMALE
.0162	-.0162

SUBGROUP DEVIATIONS

A	B
.0069	-.0069

```
******TITLE   HEMATOCRIT                                          ******
******RESPONSE SLOPE 16,SLOPE 15/                                 ******
******DATA                                                        ******
```

DUP050310738

INPUT DATA MATRIX (DOES NOT INCLUDE TRANSFORMATIONS)

1	1	1	1	
				.11580 .16080
2	1	1	1	
				.14240 .12830
3	1	1	1	
				.14880 .12960
4	1	1	2	
				.14230 .15350
5	1	1	2	
				.10830 .14160
6	1	1	2	
				.12780 .16530
7	1	2	1	
				.12250 .11450
8	1	2	1	
				.10830 .12050
9	1	2	1	
				.16050 .18190
10	1	2	2	
				.15930 .18800
11	1	2	2	
				.13480 .14520
12	1	2	2	
				.14210 .16880
13	2	1	1	
				.13080 .15340
14	2	1	1	
				.11180 .13330
15	2	1	1	
				.18320 .17090
16	2	1	2	
				.12260 .13630
17	2	1	2	
				.13750 .15600
18	2	1	2	
				.13320 .15650
19	2	2	1	
				.15150 .16190
20	2	2	1	
				.25480 .27400
21	2	2	1	
				.17440 .16780
22	2	2	2	
				.24840 .29780
23	2	2	2	
				.10530 .17190
24	2	2	2	
				.16880 .15970
25	3	1	1	
				.14230 .13420
26	3	1	1	
				.12850 .12440
27	3	1	1	
				.12220 .15500
28	3	1	2	
				.11850 .11150

DUP050310739

HEMATOCRIT

29	3	1	2	
		.11820		.13490
30	3	1	2	
		.15370		.15840
31	3	2	1	
		.12720		.10610
32	3	2	1	
		.12000		.13810
33	3	2	1	
		.16220		.18830
34	3	2	2	
		.12970		.13170
35	3	2	2	
		.14950		.16000
36	3	2	2	
		.12580		.14960

******ANOVA ******

DUP050310740

RESPONSE NUMBER 1 SLOPE 16

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	.1357	.0003	.0175	3
1 1 2	.1261	.0003	.0171	3
1 2 1	.1304	.0007	.0270	3
1 2 2	.1454	.0002	.0126	3
2 1 1	.1419	.0014	.0370	3
2 1 2	.1311	.0001	.0077	3
2 2 1	.1936	.0029	.0543	3
2 2 2	.1742	.0051	.0717	3
3 1 1	.1310	.0001	.0103	3
3 1 2	.1301	.0004	.0204	3
3 2 1	.1365	.0005	.0226	3
3 2 2	.1350	.0002	.0127	3

GRAND MEAN .14258

DUP05310741

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031074Z

RESPONSE NUMBER 1 SLOPE 16

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.03814		
A = PB GROUP	2	.00559	.00280	2.75
B = SEX	1	.00354	.00354	3.49
AB	2	.00341	.00170	1.68
C = SUBGROUP	1	.00018	.00018	.18
AC	2	.00053	.00026	.26
BC	1	.00006	.00006	.06
ABC	2	.00045	.00022	.22
REPLICATES	24	.02438	.00102	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP050310743

MEANS TABLES

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
.1344	.1602	.1331

STANDARD ERROR OF A MEAN =	.0092
95% CONFIDENCE LIMITS =	.0190
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0130
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0269

SEX MEANS

MALE	FEMALE
.1327	.1525

STANDARD ERROR OF A MEAN =	.0075
95% CONFIDENCE LIMITS =	.0155
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0106
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0219

SUBGROUP MEANS

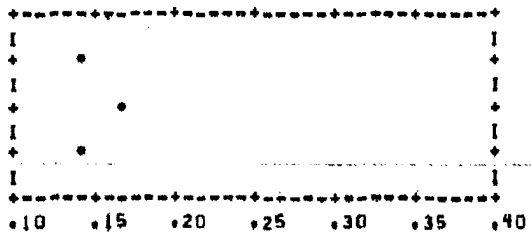
A	B
.1448	.1403

STANDARD ERROR OF A MEAN =	.0075
95% CONFIDENCE LIMITS =	.0155
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0106
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0219

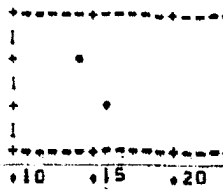
DUP050310744

HEMATOCRIT

PB GROUP MEANS

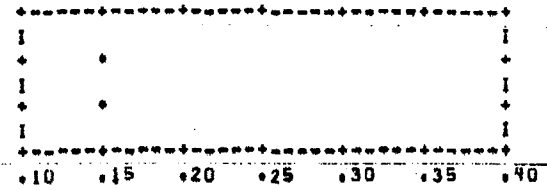


SEX MEANS



DUP05031074S

SUBGROUP MEANS



DUP050310746

CELL DEVIATION TABLES

PB GROUP	DEVIATIONS		
	CONTRO	PB(LOW	PB(HI)
	-.0082	.0176	-.0094

SEX	DEVIATIONS	
	MALE	FEMALE
	-.0099	.0099

SUBGROUP	DEVIATIONS	
	A	B
	.0023	-.0023

DUP05031074?

RESPONSE NUMBER 2 SLOPE 15

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	.1396	.0003	.0184	3
1 1 2	.1535	.0001	.0119	3
1 2 1	.1390	.0014	.0373	3
1 2 2	.1673	.0005	.0214	3
2 1 1	.1525	.0004	.0188	3
2 1 2	.1496	.0001	.0115	3
2 2 1	.2012	.0040	.0631	3
2 2 2	.2098	.0058	.0765	3
3 1 1	.1379	.0002	.0156	3
3 1 2	.1349	.0005	.0235	3
3 2 1	.1442	.0017	.0414	3
3 2 2	.1471	.0002	.0143	3

GRAND MEAN .15638

DUP05310748

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031O749

RESPONSE NUMBER 2 SLOPE 15

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.05075		
A = PB GROUP	2	.00911	.00455	3.56 *
B = SEX	1	.00494	.00494	3.86
AB	2	.00434	.00217	1.69
C = SUBGROUP	1	.00057	.00057	.45
AC	2	.00079	.00040	.31
BC	1	.00025	.00025	.20
ABC	2	.00003	.00001	.01
REPLICATES	24	.03072	.00128	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP05031O750

MEANS TABLES

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
.1498	.1783	.1410

STANDARD ERROR OF A MEAN = .0103
95% CONFIDENCE LIMITS = .0213
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS = .0146
LEAST SIGNIFICANT DIFFERENCE (LSD) = .0301

SEX MEANS

MALE	FEMALE
.1447	.1681

STANDARD ERROR OF A MEAN = .0084
95% CONFIDENCE LIMITS = .0174
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS = .0119
LEAST SIGNIFICANT DIFFERENCE (LSD) = .0246

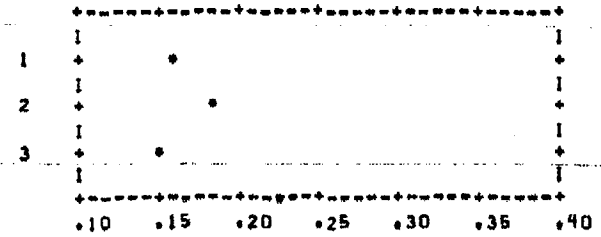
SUBGROUP MEANS

A	B
.1524	.1604

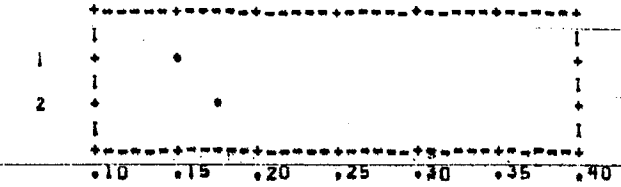
STANDARD ERROR OF A MEAN = .0084
95% CONFIDENCE LIMITS = .0174
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS = .0119
LEAST SIGNIFICANT DIFFERENCE (LSD) = .0246

DUP050310751

PB GROUP HEMATOCRIT MEANS



SEX MEANS



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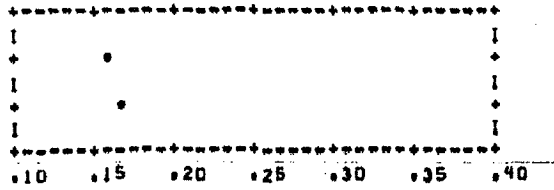
DUP05031O752

HEMATOCRIT
SUBGROUP MEANS



DUP050310753

CELL DEVIATION TABLES

PB GROUP DEVIATIONS

CONTRO	PB(LOW	PB(HI)
-.0065	.0219	-.0164

SEX DEVIATIONS

MALE	FEMALE
-.0117	.0117

SUBGROUP DEVIATIONS

A	B
-.0040	.0040

```
******TITLE    RED BLOOD CELL                                    ******
******RESPONSE INTERCEPT 16,INTERCEPT 15/                        ******
******DATA                                                       ******
```

DUP05031O754

INPUT DATA MATRIX (DOES NOT INCLUDE TRANSFORMATIONS)

1	1	1	1	-.22900	-.31960
2	1	1	1	-.21800	-.23630
3	1	1	1	-.22170	-.21430
4	1	1	2	-.27650	-.29870
5	1	1	2	-.22490	-.21710
6	1	1	2	-.23220	-.28220
7	1	2	1	-.17750	-.17920
8	1	2	1	-.20000	-.22280
9	1	2	1	-.20780	-.24510
10	1	2	2	-.25030	-.80190
11	1	2	2	-.17450	-.20640
12	1	2	2	-.29610	-.33790
13	2	1	1	-.21560	-.26780
14	2	1	1	-.19860	-.24780
15	2	1	1	-.25500	-.25030
16	2	1	2	-.21060	-.27060
17	2	1	2	-.24260	-.28980
18	2	1	2	-.24660	-.26760
19	2	2	1	-.25340	-.30580
20	2	2	1	-.34280	-.40360
21	2	2	1	-.27230	-.28030
22	2	2	2	-.37840	-.48230
23	2	2	2	-.18760	-.27290
24	2	2	2	-.26970	-.27340
25	3	1	1	-.21010	-.23270
26	3	1	1	-.19550	-.20170
27	3	1	1	-.21560	-.26320
28	3	1	2	-.21070	-.22380

N36877.02
DUP05031075S

29	3	1	2	
		-.22610		-.26220
30	3	1	2	
		-.29150		-.31230
31	3	2	1	
		-.27380		-.27090
32	3	2	1	
		-.23000		-.27900
33	3	2	1	
		-.26580		-.33250
34	3	2	2	
		-.24950		-.27650
35	3	2	2	
		-.25850		-.30440
36	3	2	2	
		-.21920		-.27910

******ANOVA ******

DUP05031O756

RESPONSE NUMBER 1 INTERCEPT 16

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	-.2229	.0000	.0056	3
1 1 2	-.2445	.0008	.0279	3
1 2 1	-.1951	.0002	.0157	3
1 2 2	-.2403	.0038	.0614	3
2 1 1	-.2231	.0008	.0289	3
2 1 2	-.2333	.0004	.0197	3
2 2 1	-.2895	.0022	.0471	3
2 2 2	-.2786	.0092	.0957	3
3 1 1	-.2071	.0001	.0104	3
3 1 2	-.2428	.0018	.0429	3
3 2 1	-.2565	.0005	.0233	3
3 2 2	-.2424	.0004	.0206	3

GRAND MEAN -.23967

DUP05031O757

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031075B

RESPONSE NUMBER 1 INTERCEPT 16

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.06461		
A = PB GROUP	2	.00565	.00283	1.67
B = SEX	1	.00415	.00415	2.45
AB	2	.00779	.00390	2.30
C = SUBGROUP	1	.00192	.00192	1.13
AC	2	.00178	.00089	.52
BC	1	.00056	.00056	.33
ABC	2	.00205	.00103	.61
REPLICATES	24	.04071	.00170	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP050310759

71

MEANS TABLES

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
-.2257	-.2561	-.2372

STANDARD ERROR OF A MEAN =	.0119
95% CONFIDENCE LIMITS =	.0245
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0168
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0347

SEX MEANS

MALE	FEMALE
-.2289	-.2504

STANDARD ERROR OF A MEAN =	.0097
95% CONFIDENCE LIMITS =	.0200
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0137
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0283

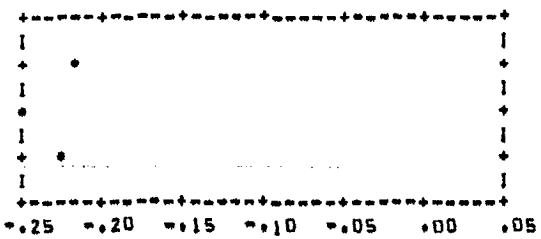
SUBGROUP MEANS

A	B
-.2324	-.2470

STANDARD ERROR OF A MEAN =	.0097
95% CONFIDENCE LIMITS =	.0200
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0137
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0283

DUP050310760

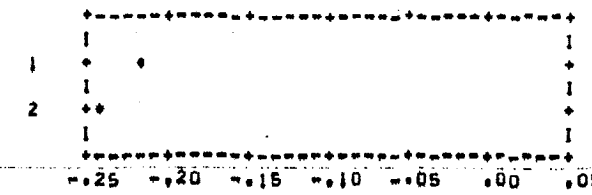
PB GROUP RED BLOOD CELL MEANS



SEX

72

MEANS



DUP05031076I



DUP050310762

74

CELL DEVIATION TABLES

PB GROUP	DEVIATIONS		
	CONTRO	PB(LOW	PB(HI)
	.0140	-.0164	.0025

SEX	DEVIATIONS	
	MALE	FEMALE
	.0107	-.0107

SUBGROUP	DEVIATIONS	
	A	B
	.0073	-.0073

DUP05031076

RESPONSE NUMBER 2 INTERCEPT 15

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	-.2567	.0031	.0556	3
1 1 2	-.2660	.0019	.0431	3
1 2 1	-.2157	.0011	.0335	3
1 2 2	-.2821	.0046	.0680	3
2 1 1	-.2553	.0001	.0109	3
2 1 2	-.2760	.0001	.0120	3
2 2 1	-.3299	.0042	.0651	3
2 2 2	-.3429	.0146	.1208	3
3 1 1	-.2325	.0009	.0308	3
3 1 2	-.2661	.0020	.0444	3
3 2 1	-.2941	.0011	.0336	3
3 2 2	-.2867	.0002	.0154	3

GRAND MEAN -.27533

DUP05031076

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EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05310765

RESPONSE NUMBER 2 INTERCEPT 15

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.11121		
A = PB GROUP	2	.01318	.00659	2.32
B = SEX	1	.00987	.00987	3.48
AB	2	.01067	.00534	1.88
C = SUBGROUP	1	.00458	.00458	1.62
AC	2	.00107	.00053	.19
BC	1	.00002	.00002	.01
ABC	2	.00374	.00187	.66
REPLICATES	24	.06809	.00284	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP05031076

MEANS TABLES

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
-.2551	-.3010	-.2699

STANDARD ERROR OF A MEAN =	.0154
95% CONFIDENCE LIMITS =	.0317
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0217
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0449

SEX MEANS

MALE	FEMALE
-.2588	-.2919

STANDARD ERROR OF A MEAN =	.0126
95% CONFIDENCE LIMITS =	.0259
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0178
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0366

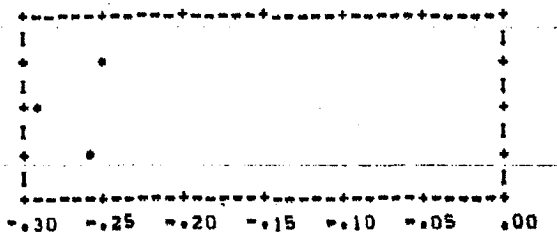
SUBGROUP MEANS

A	B
-.2640	-.2866

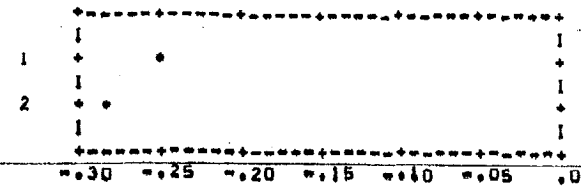
STANDARD ERROR OF A MEAN =	.0126
95% CONFIDENCE LIMITS =	.0259
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0178
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0366

DUP050310767

PB GROUP — RED BLOOD CELL MEANS



SEX — MEANS



79

DUP05031076B

SUBGROUP MEANS



DUP050310769

CELL DEVIATION TABLES

PB GROUP DEVIATIONS

CONTRO	PB(LOW	PB(HI)
.0202	-.0257	.0055

SEX DEVIATIONS

MALE	FEMALE
.0166	-.0166

SUBGROUP DEVIATIONS

A	B
.0113	-.0113

```
******TITLE    RED BLOOD CELL                                  ******
******RESPONSE SLOPE 16,SLOPE 15/                              ******
******DATA                                                     ******
```

DUP05031077O

INPUT DATA MATRIX (DOES NOT INCLUDE TRANSFORMATIONS)

1	1	1	1	.13190	.19730
2	1	1	1	.14050	.15270
3	1	1	1	.13950	.13460
4	1	1	2	.16220	.17680
5	1	1	2	.13190	.16290
6	1	1	2	.14510	.17820
7	1	2	1	.12600	.12720
8	1	2	1	.11310	.12820
9	1	2	1	.13210	.15680
10	1	2	2	.14180	.17600
11	1	2	2	.13140	.15250
12	1	2	2	.15810	.18580
13	2	1	1	.14330	.17790
14	2	1	1	.12310	.15700
15	2	1	1	.16560	.16250
16	2	1	2	.13810	.17780
17	2	1	2	.14540	.17670
18	2	1	2	.15110	.14500
19	2	2	1	.15530	.19010
20	2	2	1	.20070	.24090
21	2	2	1	.17500	.18030
22	2	2	2	.21900	.28780
23	2	2	2	.13760	.19410
24	2	2	2	.17340	.17580
25	3	1	1	.12340	.13840
26	3	1	1	.11620	.12030
27	3	1	1	.11600	.14750
28	3	1	2	.11740	.12600

DUP05031077

29	3	1 2	
		.12250	.14640
30	3	1 2	
		.18480	.19870
31	3	2 1	
		.15220	.15030
32	3	2 1	
		.12320	.15560
33	3	2 1	
		.17230	.21650
34	3	2 2	
		.14720	.16510
35	3	2 2	
		.15840	.18880
36	3	2 2	
		.13340	.17310

******ANOVA ******

smallest value for slope: 0.12030

highest " (omitting the 2 females) 0.21650 ← dn, ♀ 794 Gr. III

.19870 = ♂, ♀ 825 group III

the 2 females: 0.24090 + 0.28780

"Grand"

DUP050310772

RED BLOOD CELL

RESPONSE NUMBER 1 SLOPE 16

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	.1373	.0000	.0047	3
1 1 2	.1464	.0002	.0152	3
1 2 1	.1237	.0001	.0097	3
1 2 2	.1438	.0002	.0135	3
2 1 1	.1440	.0005	.0213	3
2 1 2	.1449	.0000	.0065	3
2 2 1	.1770	.0005	.0228	3
2 2 2	.1767	.0017	.0408	3
3 1 1	.1185	.0000	.0042	3
3 1 2	.1416	.0014	.0375	3
3 2 1	.1492	.0006	.0247	3
3 2 2	.1463	.0002	.0125	3

GRAND MEAN .14578

DUP05031077 3

85

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05031077

RESPONSE NUMBER 1 SLOPE 16

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.02060		
A = PB GROUP	2	.00398	.00199	4.42 *
B = SEX	1	.00177	.00177	3.93
AB	2	.00252	.00126	2.80
C = SUBGROUP	1	.00062	.00062	1.38
AC	2	.00032	.00016	.36
BC	1	.00007	.00007	.15
ABC	2	.00053	.00026	.59
REPLICATES	24	.01080	.00045	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP05031077S

MEANS TABLES

FB GROUP MEANS

CONTRO	FB(LOW	FB(HI)
.1378	.1606	.1389

STANDARD ERROR OF A MEAN =	.0061
95% CONFIDENCE LIMITS =	.0126
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0087
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0179

SEX MEANS

MALE	FEMALE
.1388	.1528

STANDARD ERROR OF A MEAN =	.0050
95% CONFIDENCE LIMITS =	.0103
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0071
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0146

SUBGROUP MEANS

A	B
.1416	.1499

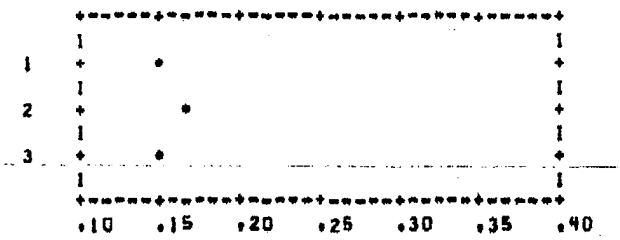
STANDARD ERROR OF A MEAN =	.0050
95% CONFIDENCE LIMITS =	.0103
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0071
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0146

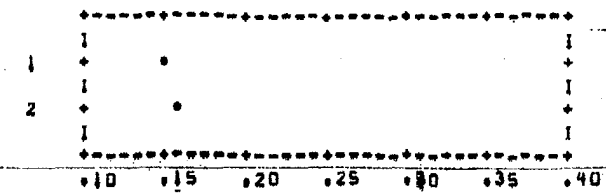
DUP050310776

PB GROUP RED BLOOD CELL MEANS

```
      +-----+-----+-----+-----+-----+-----+
      I                                   I
1     +     *                             +
      I                                   I
2     +       *                           +
      I                                   I
3     +     *                             +
      I                                   I
      +-----+-----+-----+-----+-----+-----+
      .10   .15   .20   .25   .30   .35   .40
```

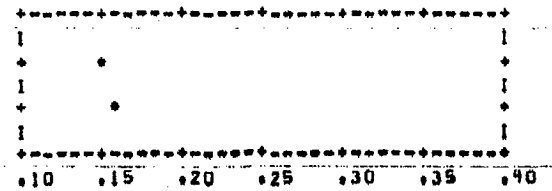
SEX MEANS





```
      +-----+-----+-----+-----+-----+-----+
      I                                   I
1     +     *                             +
      I                                   I
2     +       *                           +
      I                                   I
      +-----+-----+-----+-----+-----+-----+
      .10   .15   .20   .25   .30   .35   .40
```

DUP050310777



DUP05031077B

CELL DEVIATION TABLES

PB GROUP DEVIATIONS

CONTRO	PB(LOW	PB(HI)
-.0080	.0149	-.0069

SEX DEVIATIONS

MALE	FEMALE
-.0070	.0070

SUBGROUP DEVIATIONS

A	B
-.0041	.0042

DUP05031077

RESPONSE NUMBER 2 SLOPE 15

CELL IDENTIFICATION	CELL MEAN	CELL VARIANCE	CELL STANDARD DEVIATION	NUMBER OF OBSERVATIONS
1 1 1	.1615	.0010	.0323	3
1 1 2	.1726	.0001	.0085	3
1 2 1	.1374	.0003	.0168	3
1 2 2	.1714	.0003	.0171	3
2 1 1	.1658	.0001	.0108	3
2 1 2	.1732	.0001	.0071	3
2 2 1	.2038	.0011	.0325	3
2 2 2	.2192	.0036	.0601	3
3 1 1	.1364	.0002	.0138	3
3 1 2	.1570	.0014	.0375	3
3 2 1	.1741	.0014	.0368	3
3 2 2	.1757	.0001	.0121	3

GRAND MEAN .17060

DUP050310780

EXPECTED MEAN SQUARE TABLE

SOURCE OF VARIATION	EXPECTED MEAN SQUARE
A = PB GROUP	REP + 12(A)
B = SEX	REP + 18(B)
AB	REP + 6(AB)
C = SUBGROUP	REP + 18(C)
AC	REP + 6(AC)
BC	REP + 9(BC)
ABC	REP + 3(ABC)
REPLICATES	REP

DUP05310781

RESPONSE NUMBER 2 SLOPE 15

ANOVA TABLE

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	F RATIO
TOTAL	35	.03768		
A = Pb GROUP	2	.00712	.00356	4.44 *
B = SEX	1	.00337	.00337	4.20
AB	2	.00488	.00244	3.04
C = SUBGROUP	1	.00208	.00208	2.59
AC	2	.00024	.00012	.15
BC	1	.00003	.00003	.04
ABC	2	.00072	.00036	.45
REPLICATES	24	.01924	.00080	

* SIGNIFICANT AT THE .05 PROBABILITY LEVEL (ONE-TAIL TEST)
** SIGNIFICANT AT THE .01 PROBABILITY LEVEL (ONE-TAIL TEST)

DUP05031078Z

MEANS TABLES

PB GROUP MEANS

CONTRO	PB(LOW	PB(HI)
.1607	.1905	.1606

STANDARD ERROR OF A MEAN =	.0082
95% CONFIDENCE LIMITS =	.0169
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0116
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0239

SEX MEANS

MALE	FEMALE
.1609	.1803

STANDARD ERROR OF A MEAN =	.0067
95% CONFIDENCE LIMITS =	.0138
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0094
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0195

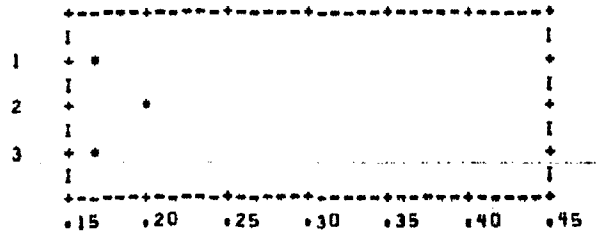
SUBGROUP MEANS

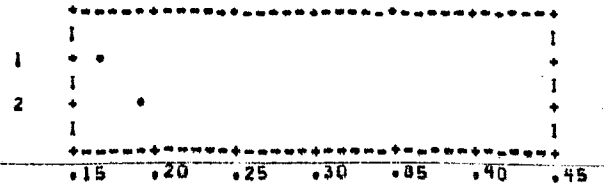
A	B
.1630	.1782

STANDARD ERROR OF A MEAN =	.0067
95% CONFIDENCE LIMITS =	.0138
STANDARD ERROR OF THE DIFFERENCE BETWEEN TWO MEANS =	.0094
LEAST SIGNIFICANT DIFFERENCE (LSD) =	.0195

DUP050310783

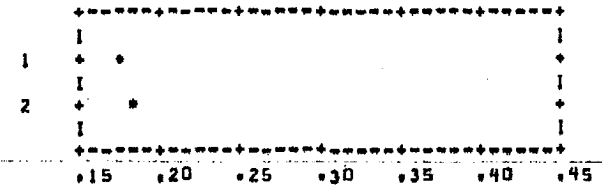
PB GROUP RED BLOOD CELL MEANS SEX MEANS





DUP05031078A

RED BLOOD CELL
SUBGROUP MEANS



DUP050310785

CELL DEVIATION TABLES

PB GROUP DEVIATIONS

CONTRO	PB(LOW	PB(HI)
-.0098	.0199	-.0100

SEX DEVIATIONS

MALE	FEMALE
-.0097	.0097

SUBGROUP DEVIATIONS

A	B
-.0076	.0076

******ENDRUN ******

DUP05031078

LOG NO 09339 DATE 240870 PAGE 104

DATE 24 AUG 70 PRIORITY 0 MAN/SEC 02522 /55710 CARDS IN 255 MAX PAGES 300 END TIME 16:01:5

IDENT KEELEY V CHARGE J5960 / CARDS OUT 0 PAGES 104 START TIME 16:01:2

DUP05031078?

DATE 28 AUG 70 PRIORITY D MAN/SEC 02522 /55710 CARDS IN 255 MAX PAGES 300 END TIME 10:47:13 MAX TIME 00:05:00

IDENT KEELEY V CHARGE J5960 / CARDS OUT 0 PAGES 152 START TIME 10:46:36 BILLED TIME 00:00:37

DUP05031078

@++-01234567899987654321O-+++-01234567899987654321O-+++-01234567899987654321O-++....NEVER.PUT.A.RING.IN.YOUR.MASTER.TAPE.....
@++-01234567899987654321O-+++-01234567899987654321O-+++-01234567899987654321O-++....NEVER.PUT.A.RING.IN.YOUR.MASTER.TAPE.....
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@++-01234567899987654321O-+++-01234567899987654321O-+++-01234567899987654321O-++....NEVER.PUT.A.RING.IN.YOUR.MASTER.TAPE.....

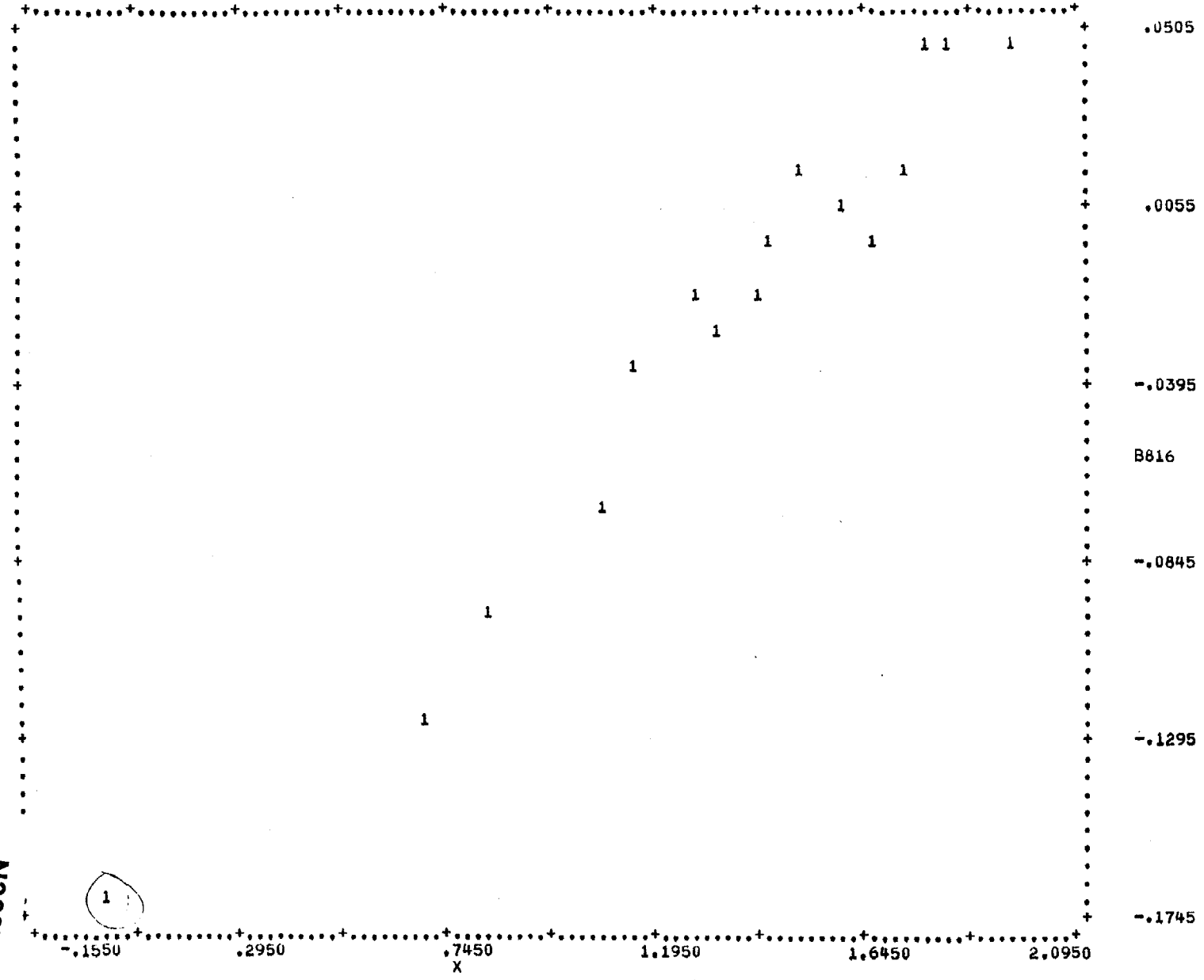
SYS14E L6P[illegible] L6PUP1 L6DOC1 C8UR16 L6COPE FOR18H L8IB11 L8OC13

DUP050310789

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9747

VARIABLE	MEAN	STD DEV
B816	-.02449	.06296
X	1.33310	.50070



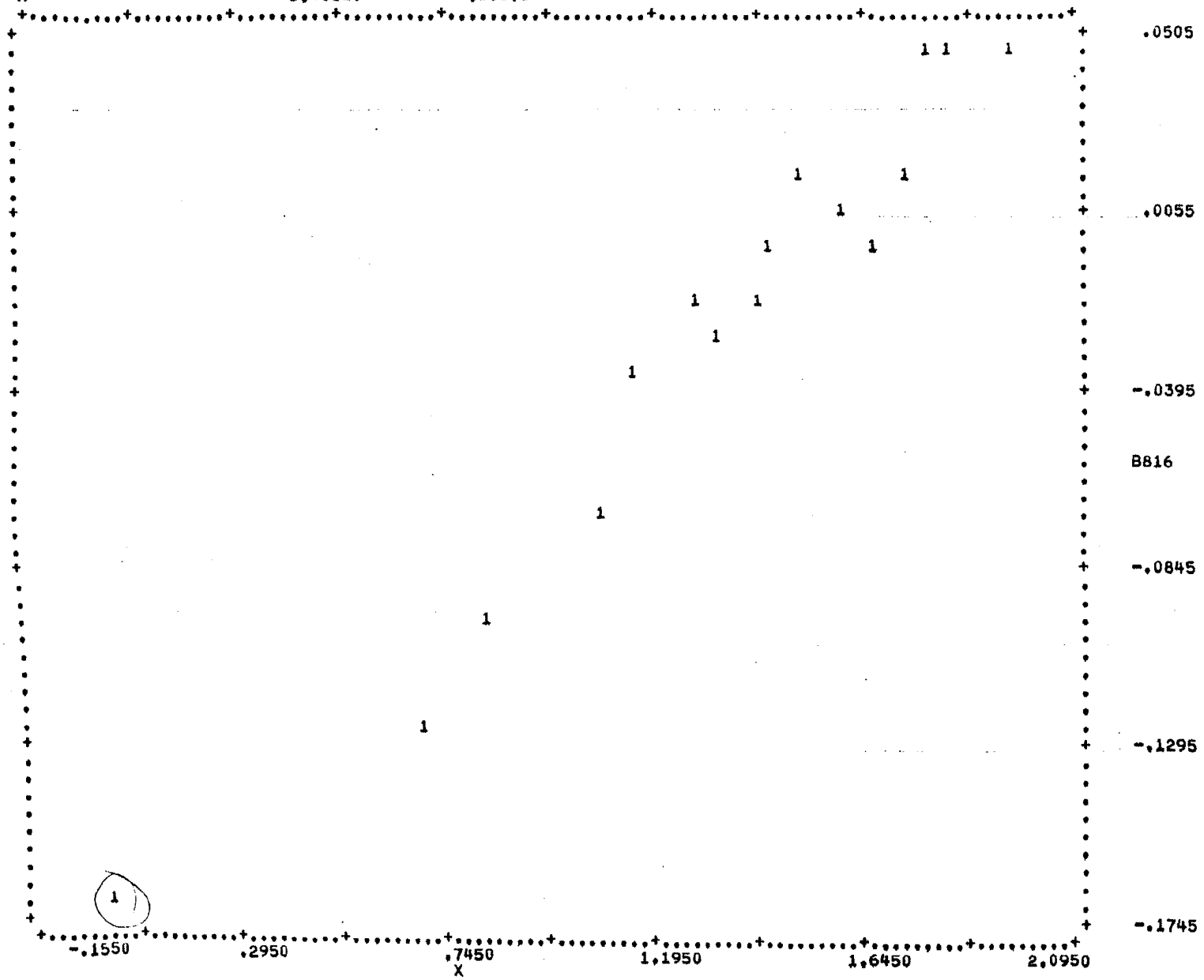
N36877.03

DUP050310

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9747

VARIABLE	MEAN	STD DEV
B816	-.02449	.06296
X	1.33310	.50070



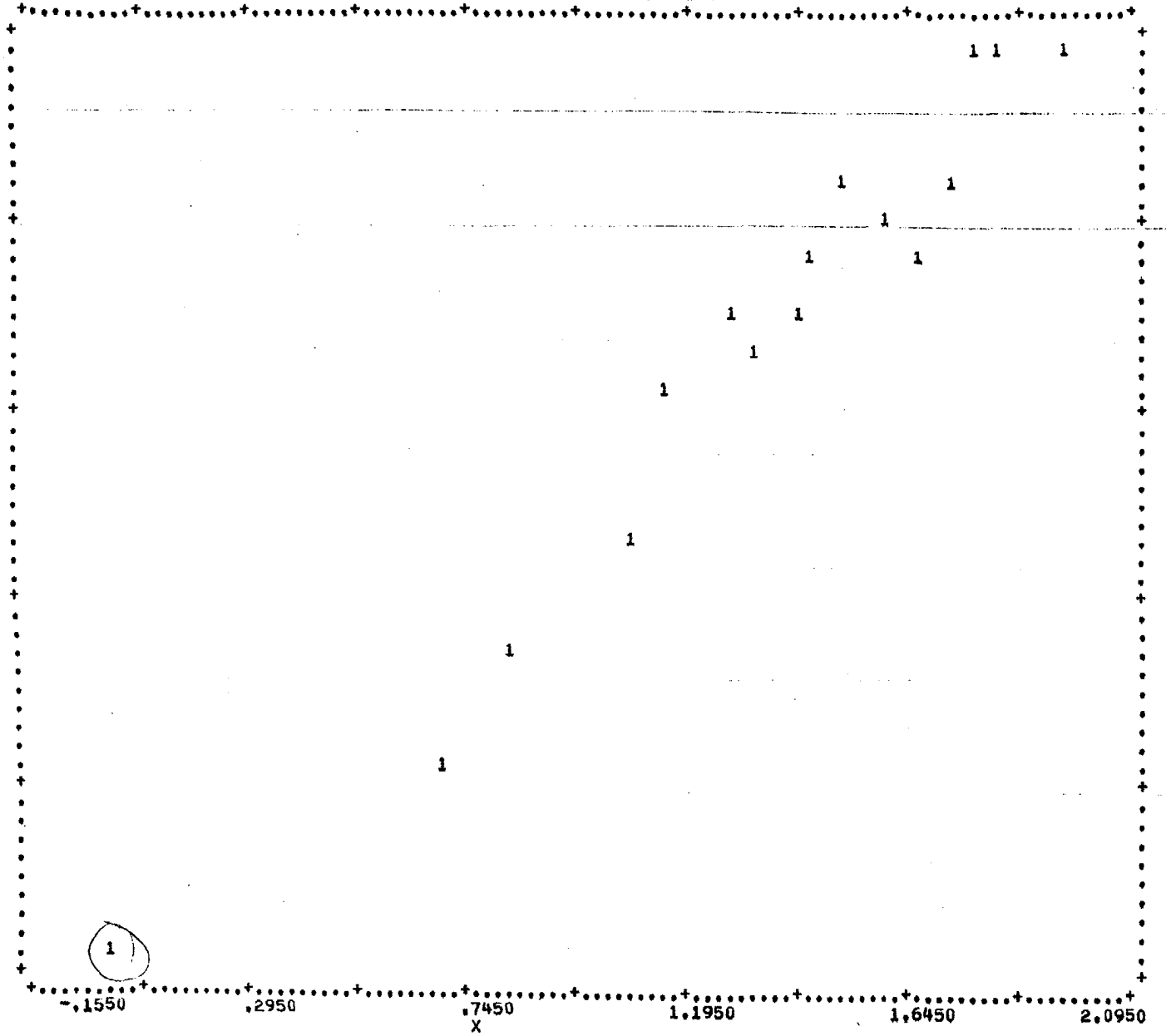
DUP050310791

HEMATOCRIT MALE DOG

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9747

VARIABLE	MEAN	STD DEV
B816	-.02449	.06296
X	1.33310	.50070



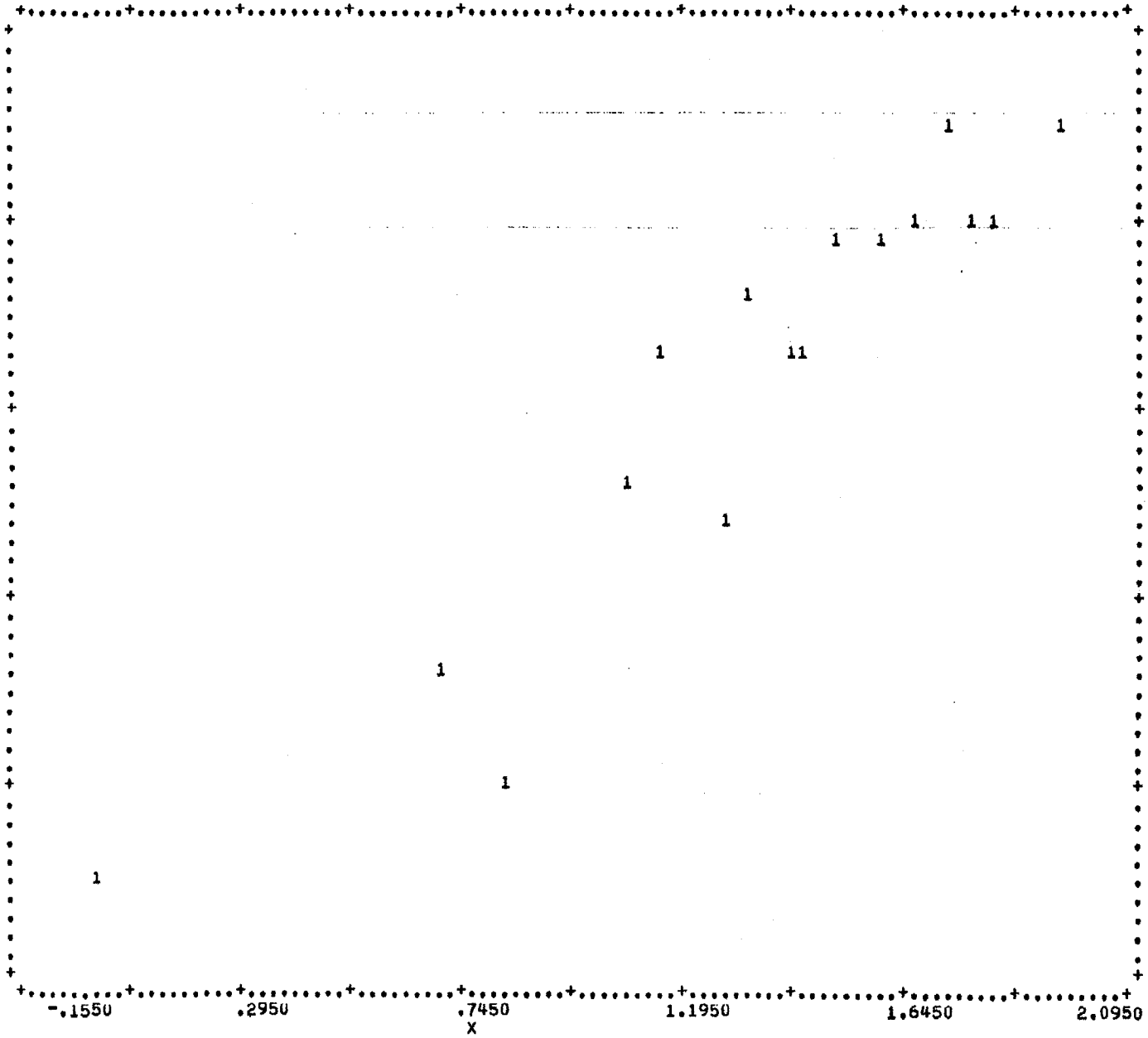
HEMATOCRIT MALE DOG

DUP05031079Z

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9391

VARIABLE	MEAN	STD DEV
B817	-.03414	.07329
X	1.33310	.50070

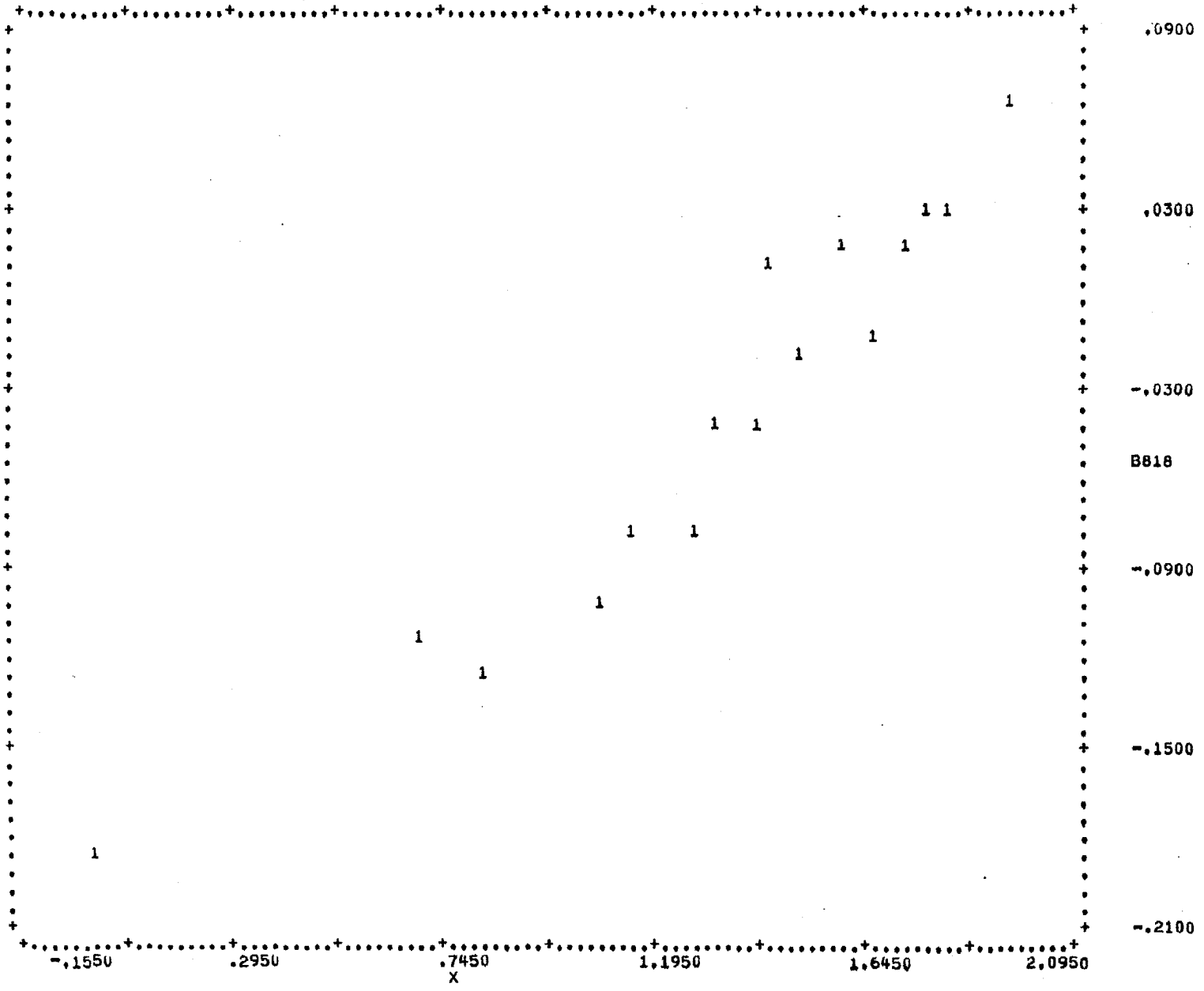


DUP050310793

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9558

VARIABLE	MEAN	STD DEV
B818	-.03925	.06979
X	1.33310	.50070



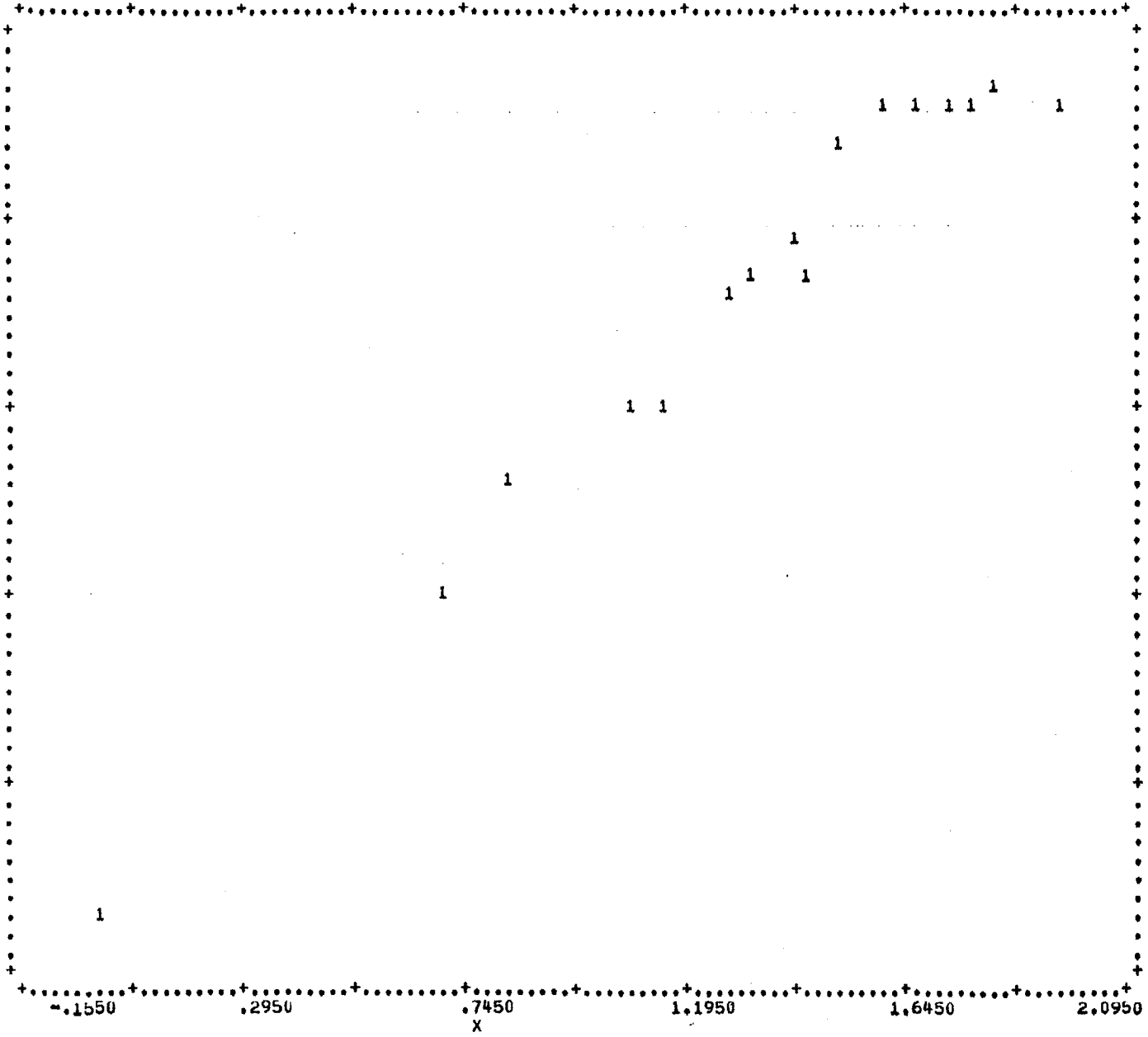
HEMATOCRIT MALE DOG

DUP050310794

HEMATOCRIT MALE 000

NPTS= 16 NOUT= 0 NMISS= 0 R= .9839

VARIABLE	MEAN	STD DEV
B815	-.02407	.07243
X	1.33310	.50070

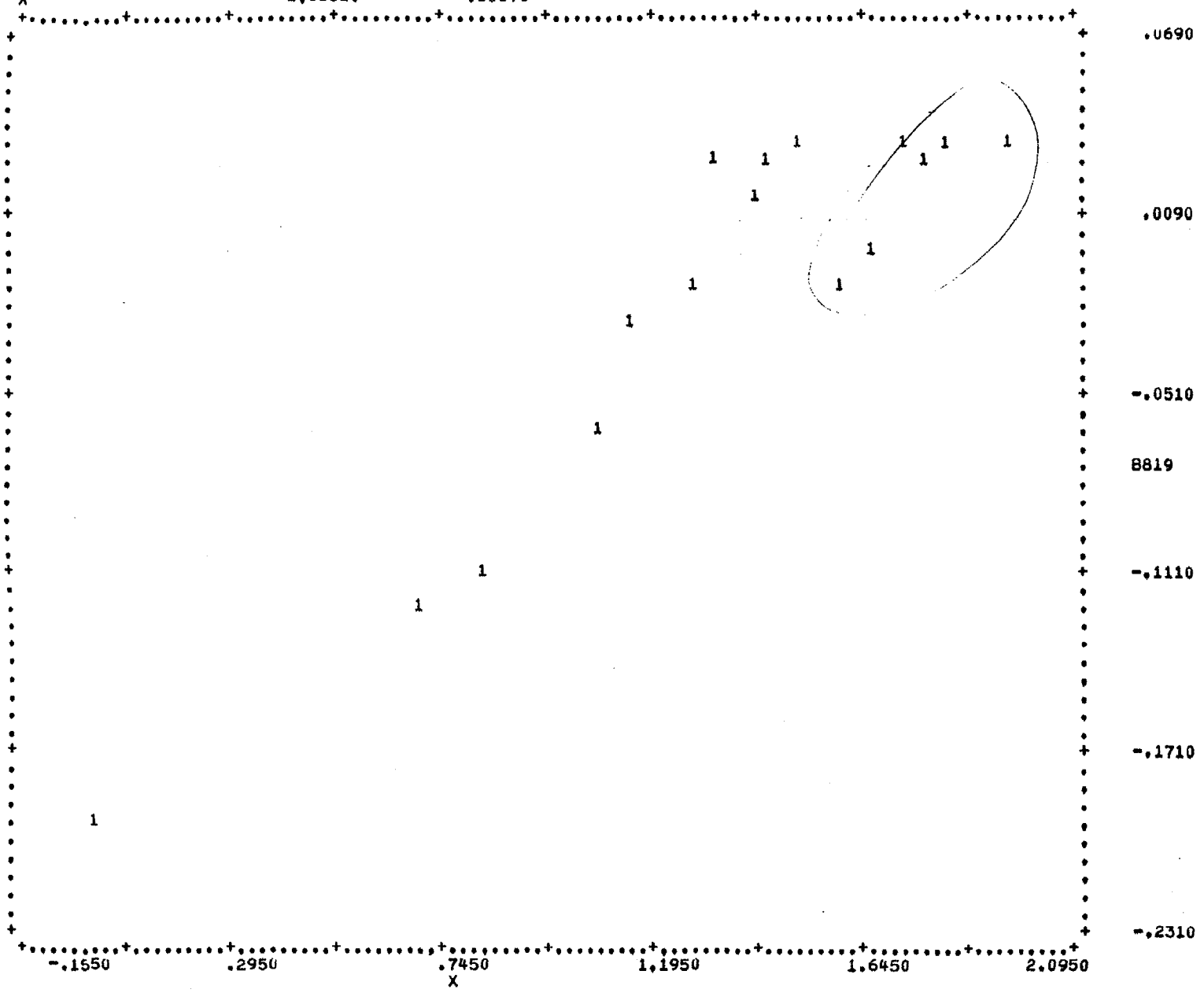


DUP050310795

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9346

VARIABLE	MEAN	STD DEV
B819	-.02037	.06883
X	1.33310	.50070

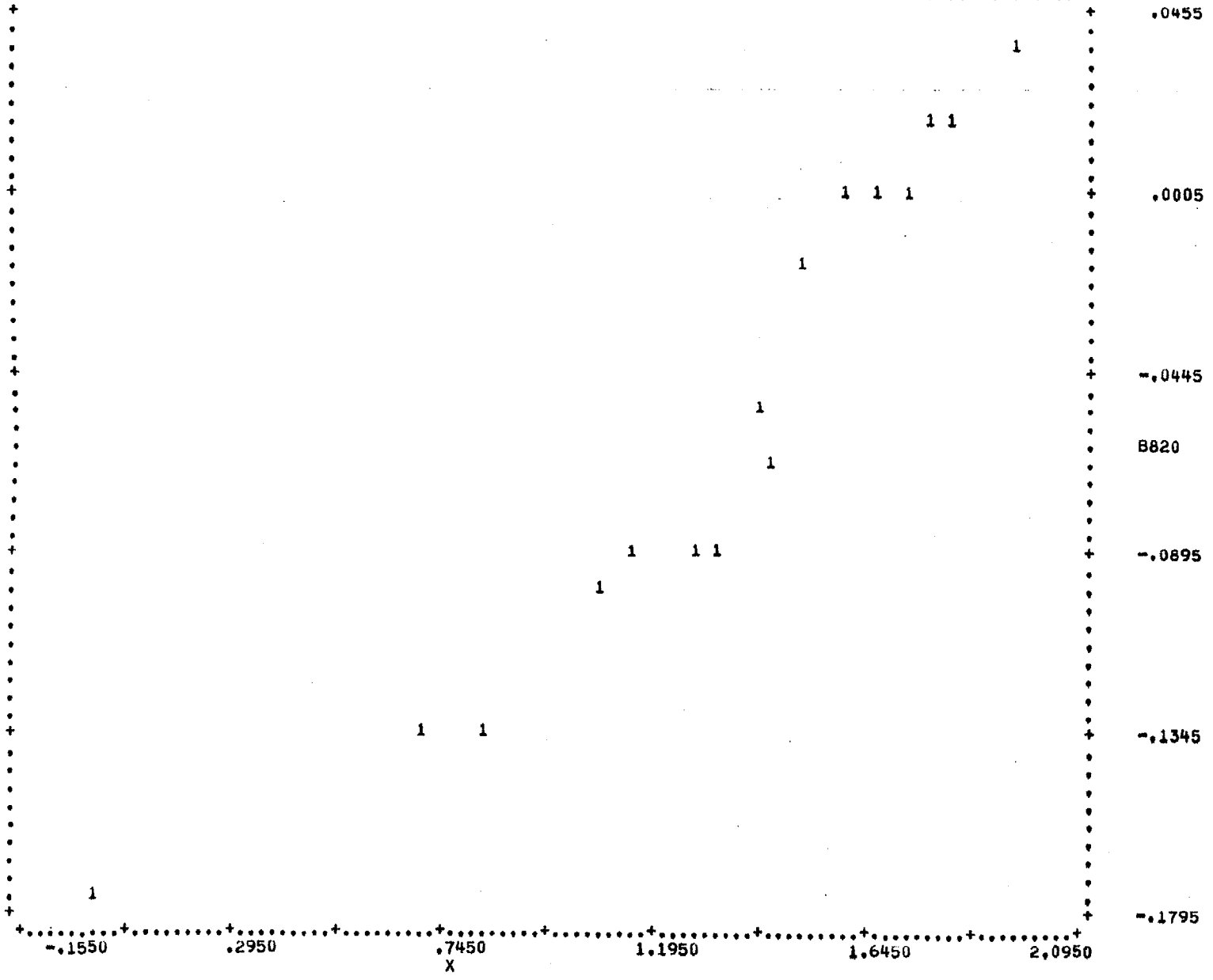


HEMATOCRIT MALE DOG

DUP050310796

N= 10 NOUT= 0 NMISS= 0 R= .9425

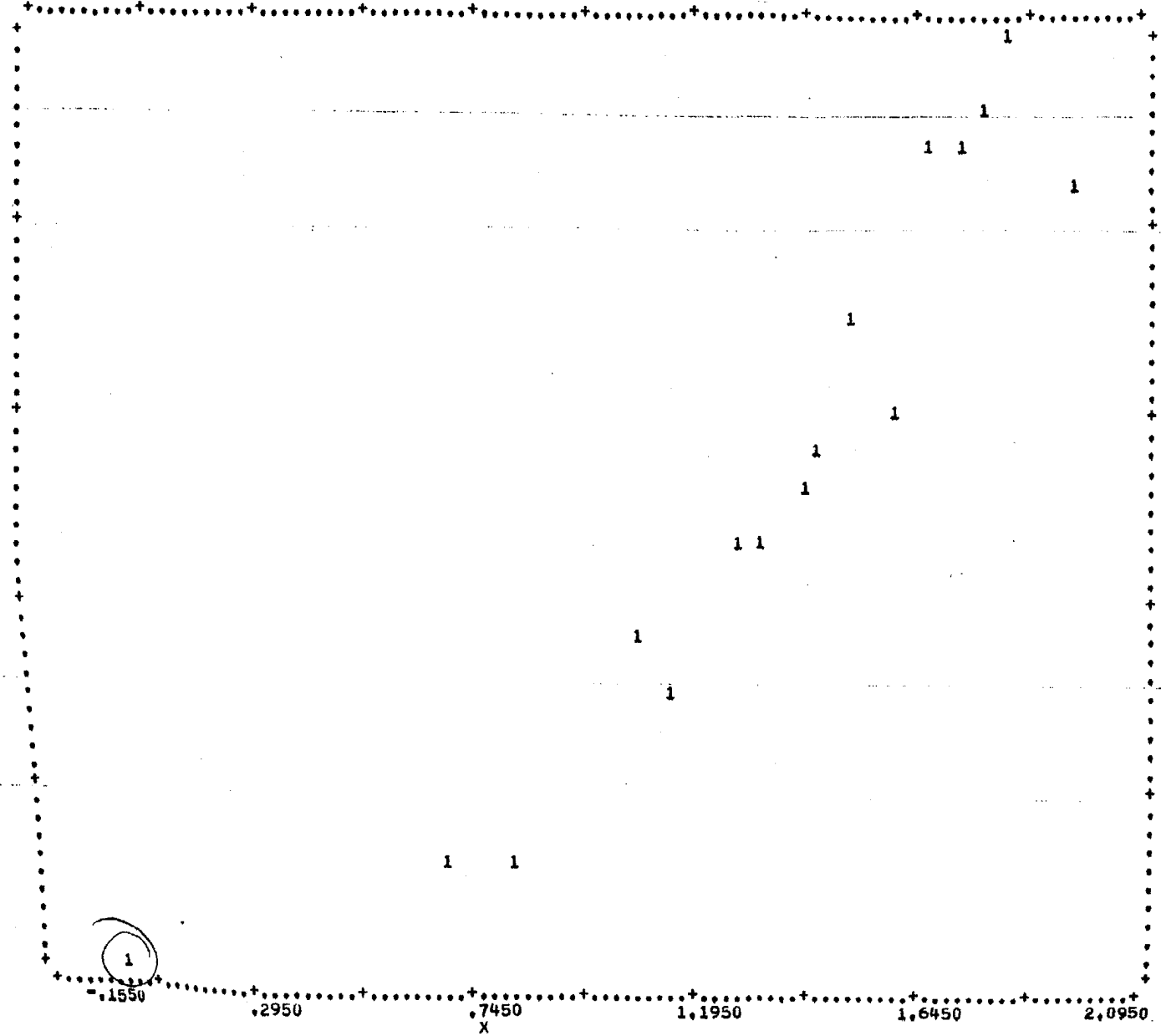
VARIABLE	MEAN	STD DEV
B820	-.05335	.06494
X	1.33310	.50070



DUP050310797

NPTS= 16 NOUT= 0 NMISS= 0 R= .9302

VARIABLE	MEAN	STD DEV
A823	-.04705	.06880
X	1.33310	.50070

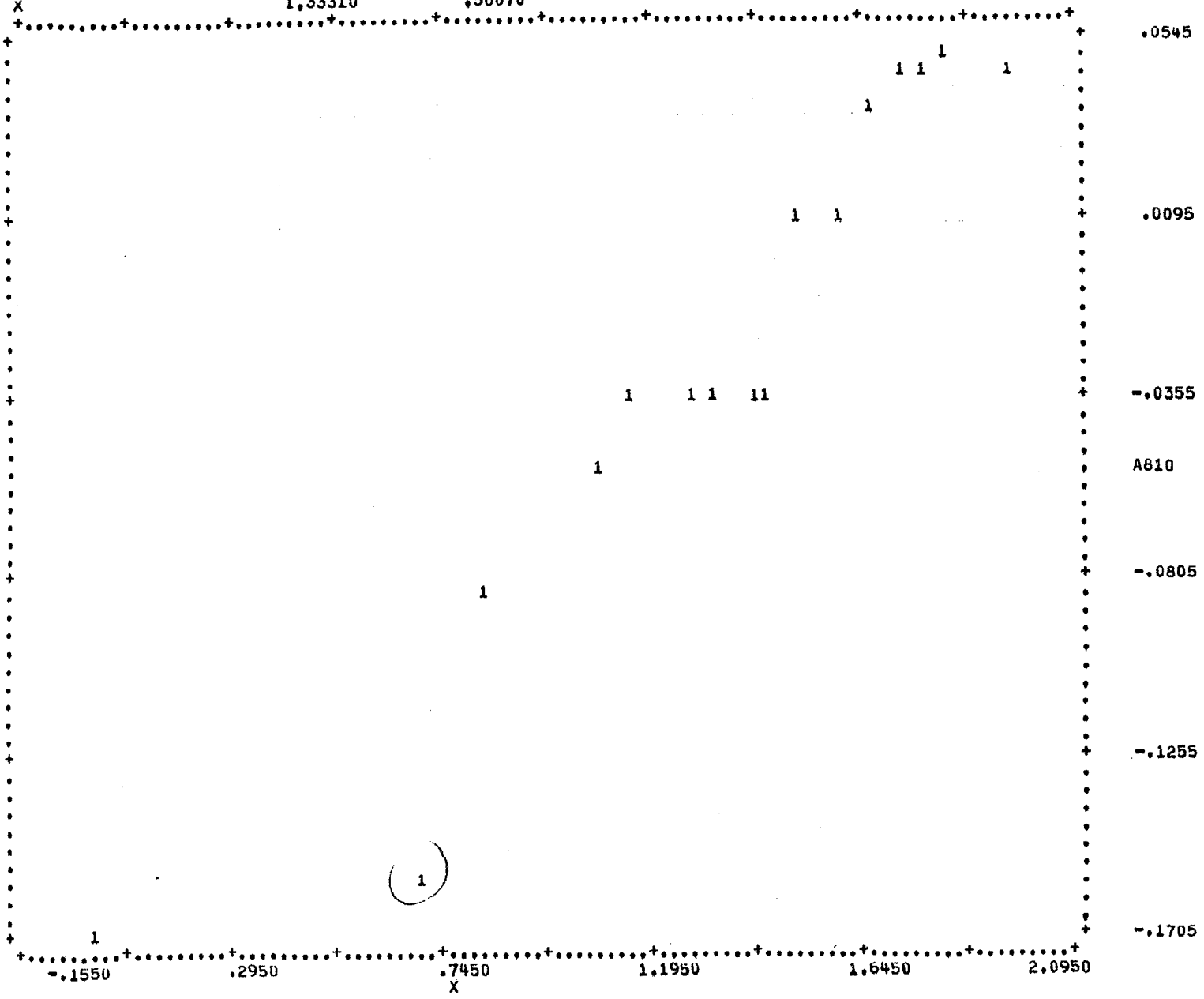


DUP050310798

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9584

VARIABLE	MEAN	STD DEV
A810	-.02521	.06832
X	1.33310	.50070

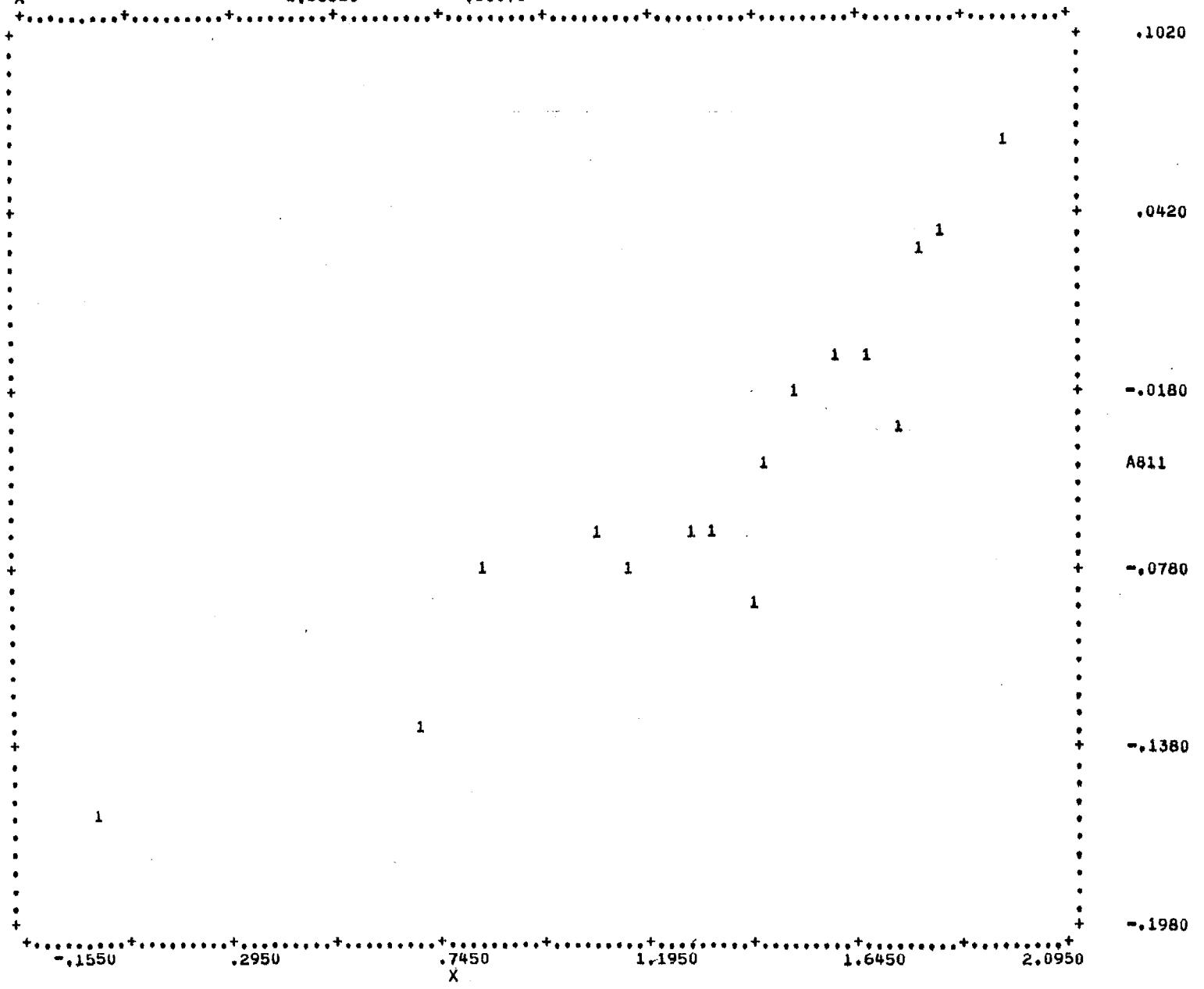


DUP050310799

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9134

VARIABLE	MEAN	STD DEV
A811	-.04323	.06130
X	1.33310	.50070

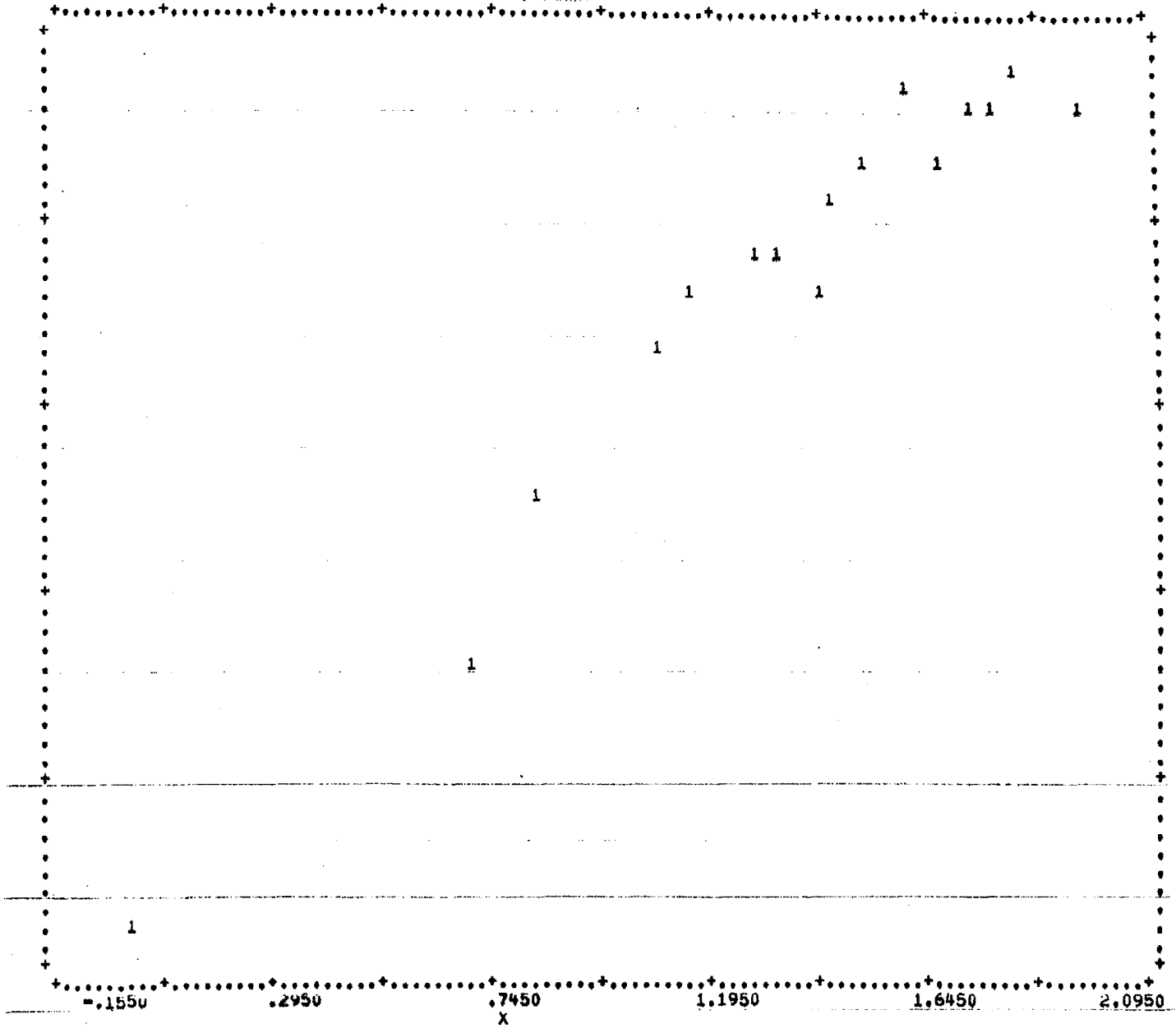


DUP05031080O

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9703

VARIABLE	MEAN	STD DEV
A814	-.01522	.09454
X	1.33310	.50070

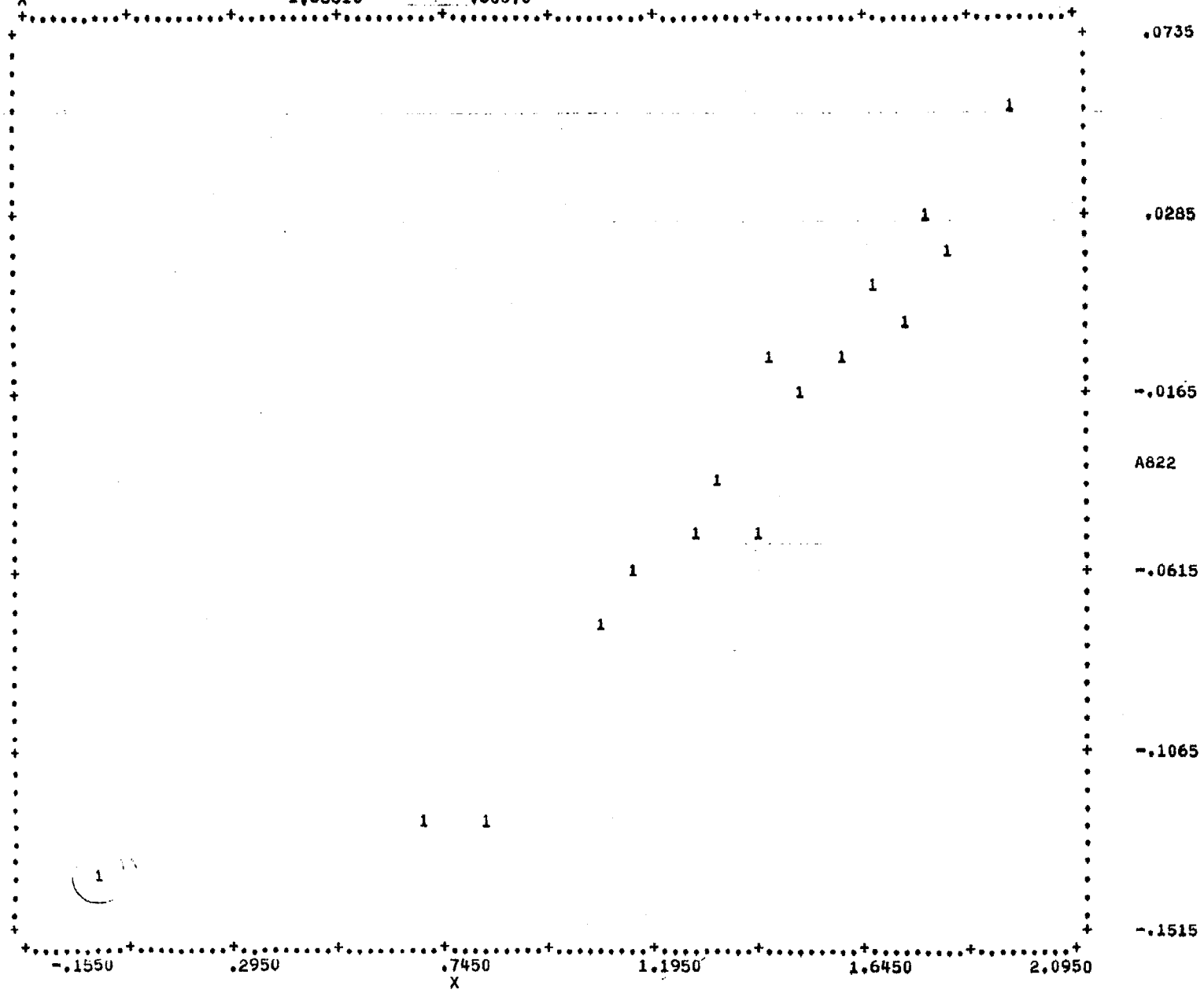


DUP050310801

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9421

VARIABLE	MEAN	STD DEV
A822	-.03553	.05758
X	1.33310	.50070

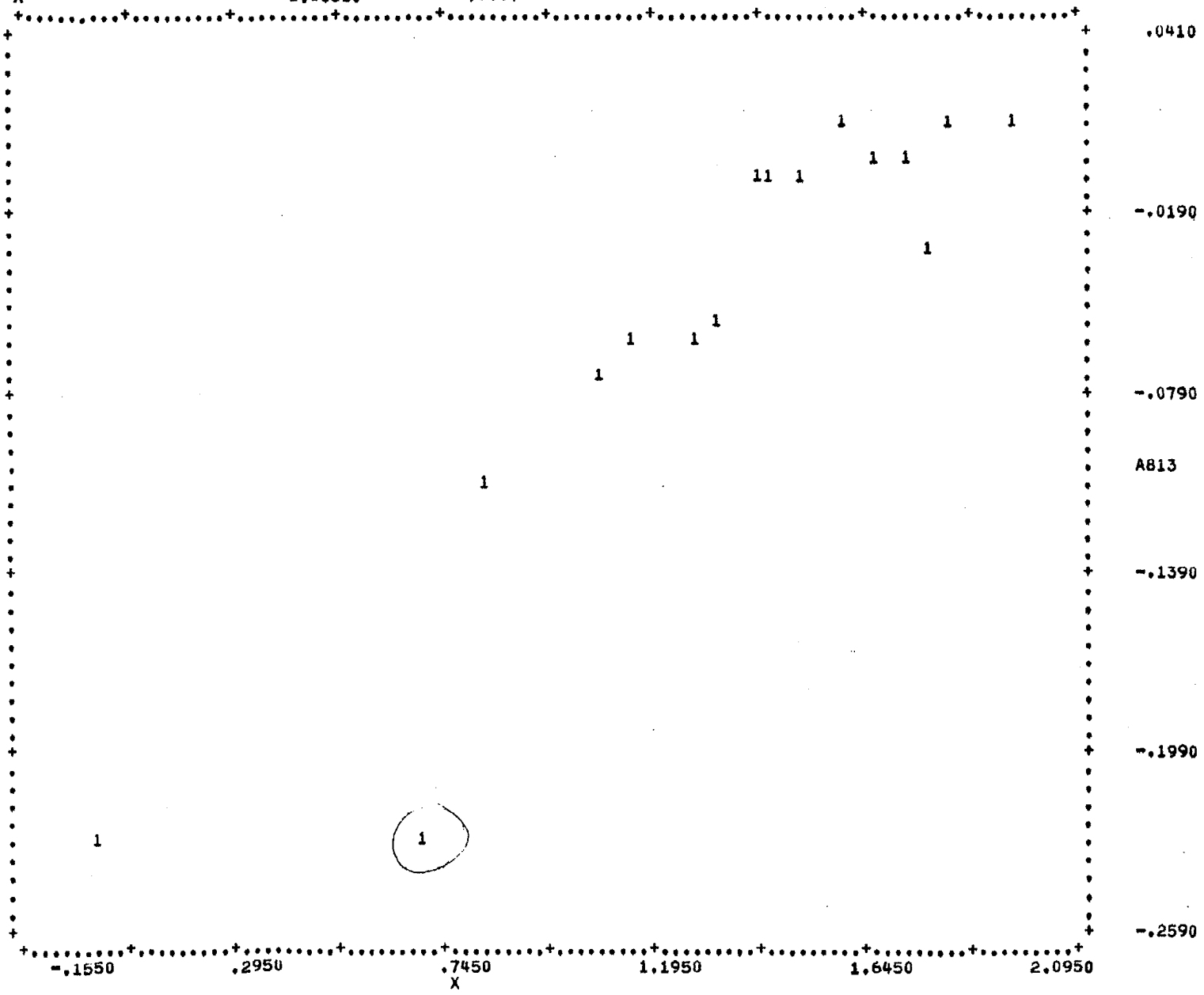


DUP050310802

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9235

VARIABLE	MEAN	STD DEV
A813	-.05345	.07714
X	1.33310	.50070

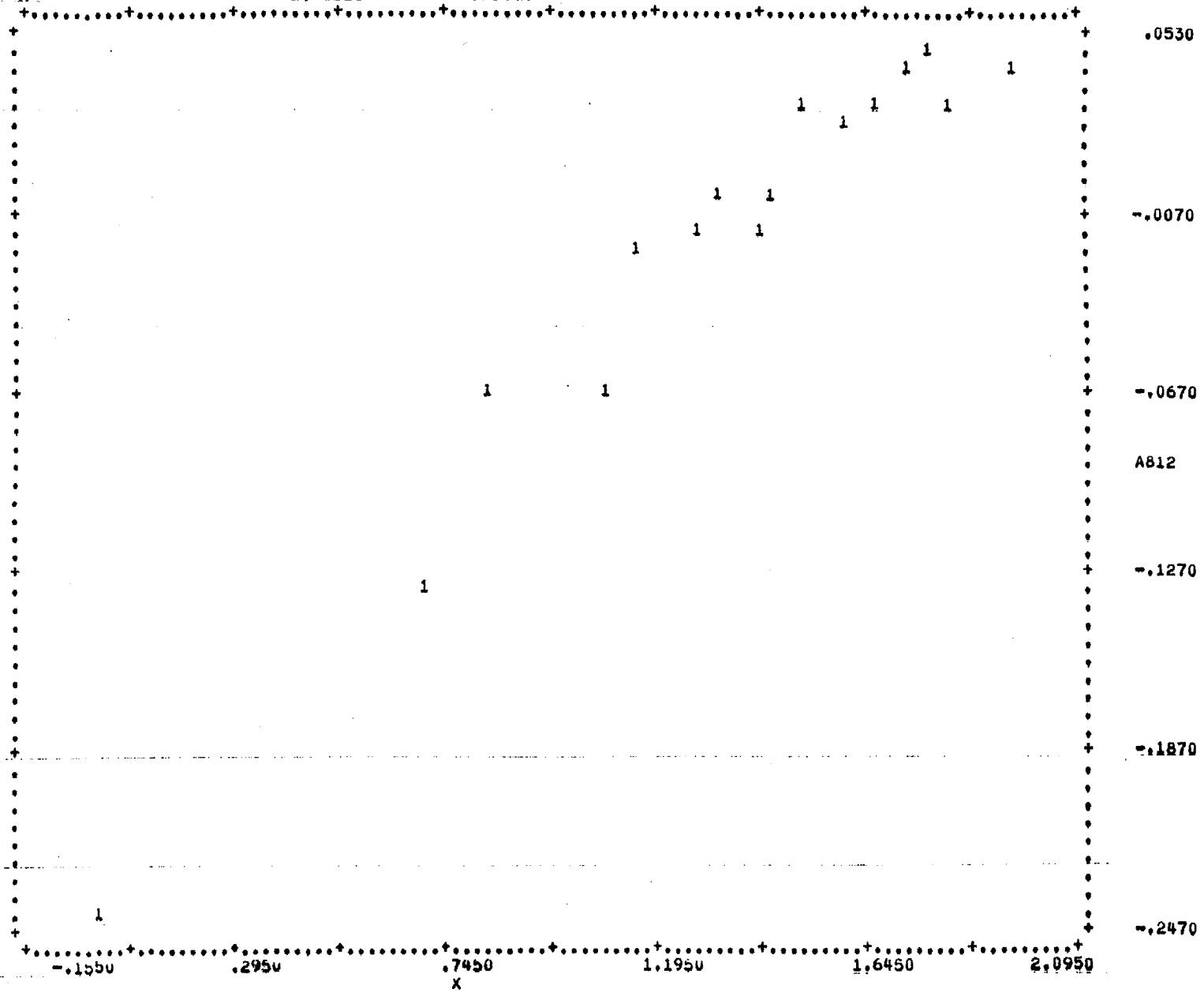


DUP050310803

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9694

VARIABLE	MEAN	STD DEV
A812	-.01956	.07685
X	1.33310	.50070

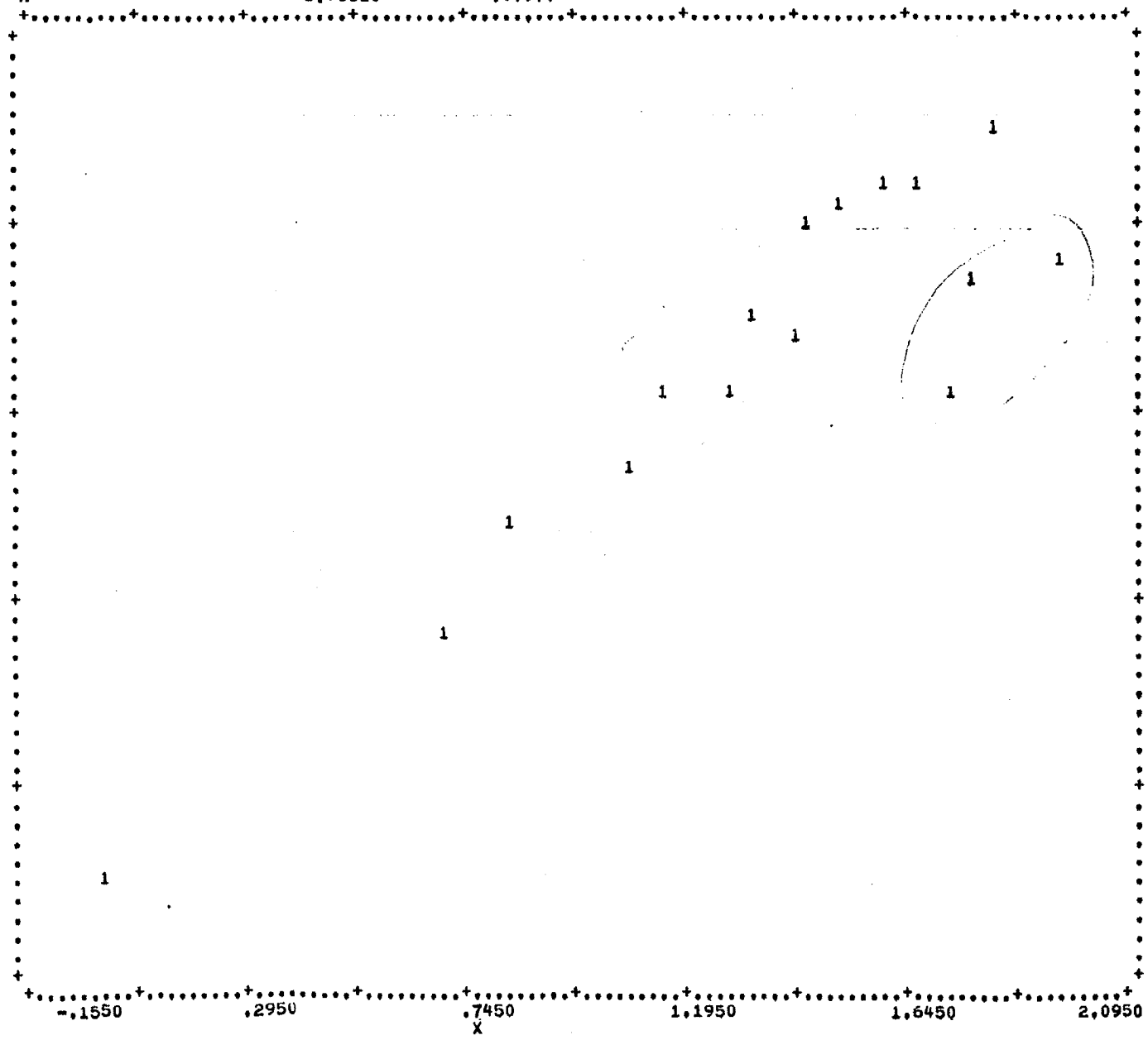


DUP050310804

HEMATOCRIT MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9163

VARIABLE	MEAN	STD DEV
A809	-.01082	.07783
X	1.33310	.50070

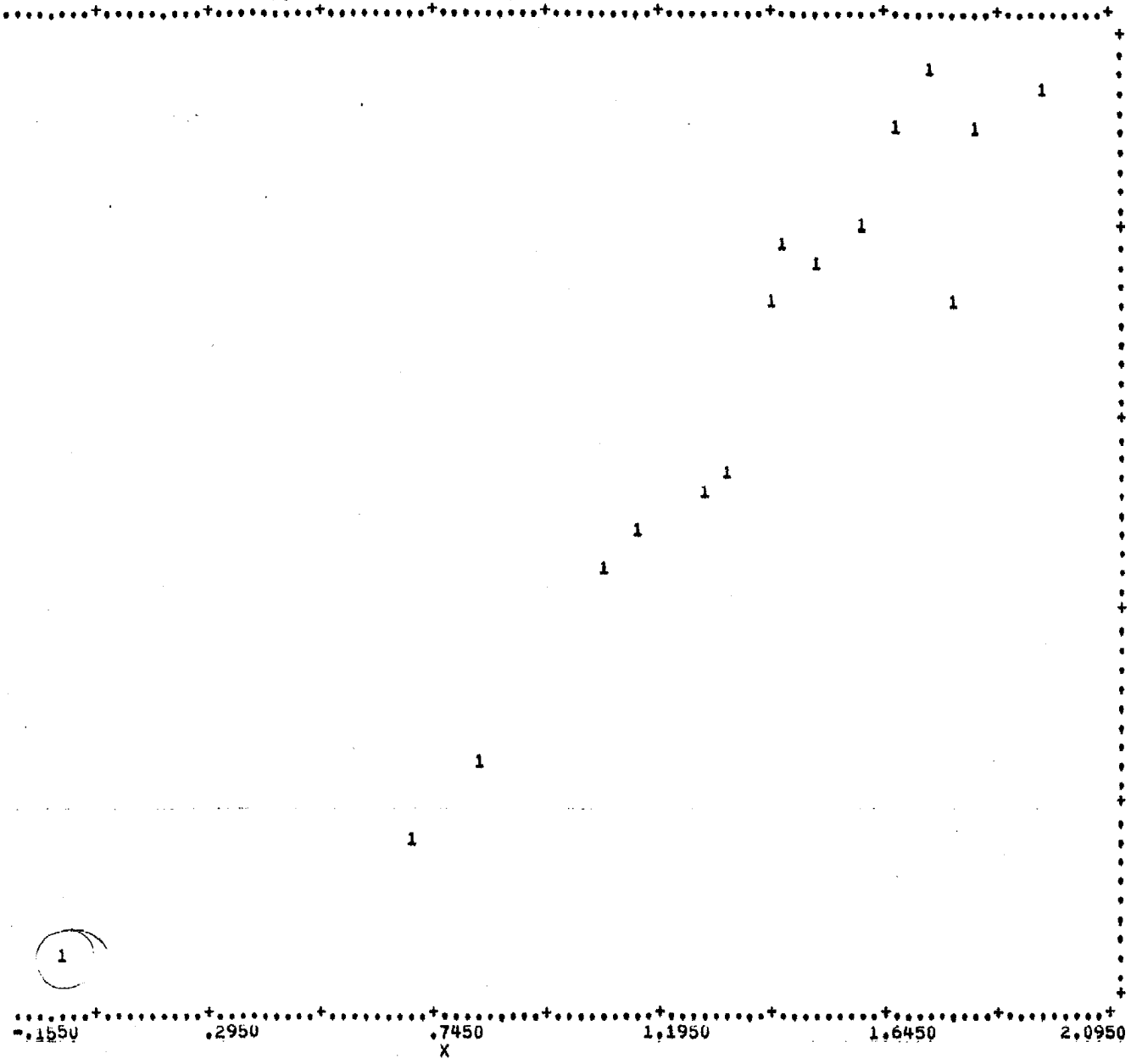


DUP050310805

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9515

VARIABLE	MEAN	STD DEV
B824	-.06278	.06447
X	1.33310	.50070



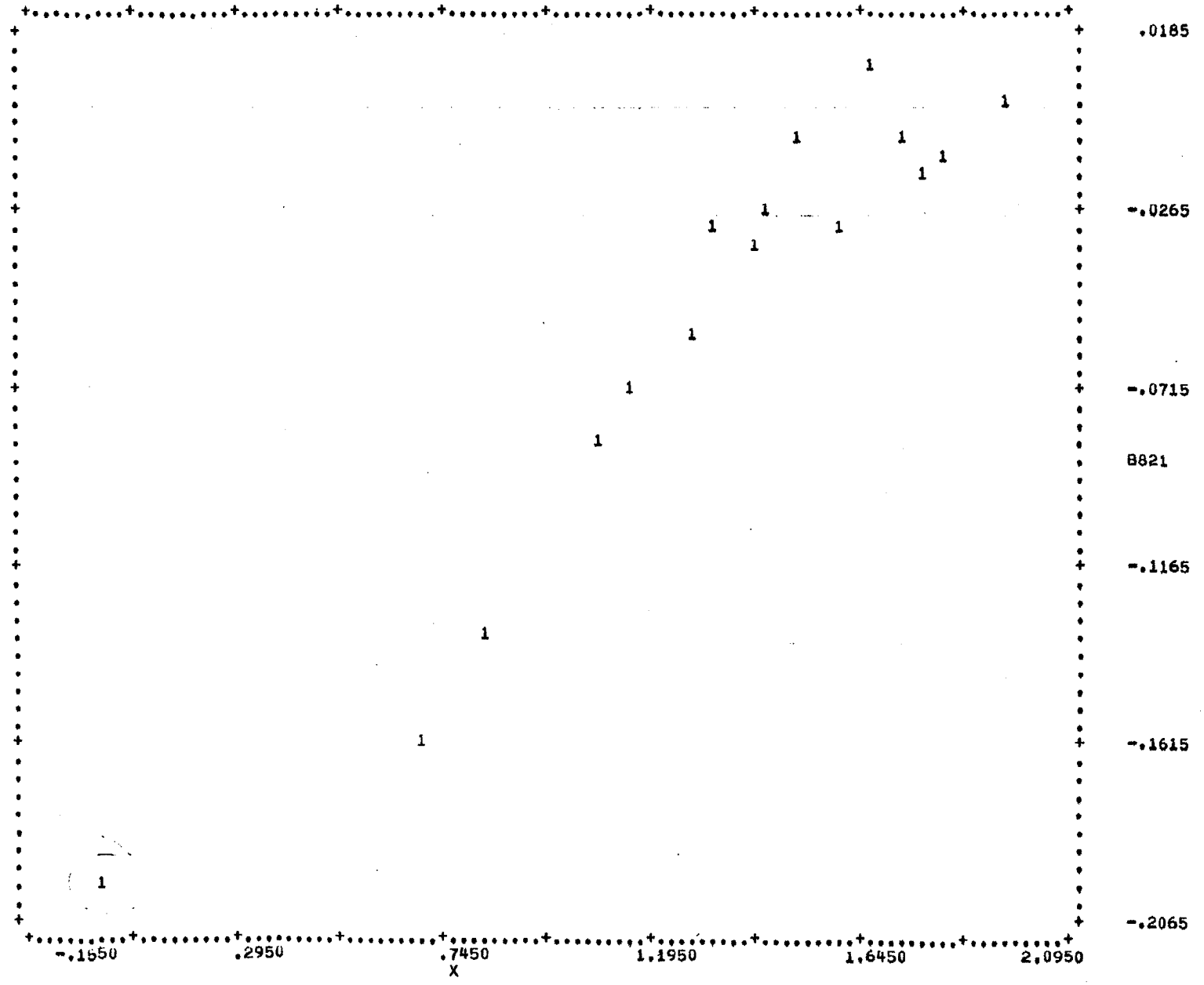
N36877.04

DUP05031080G

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9587

VARIABLE	MEAN	STD DEV
B821	-.05423	.06131
X	1.33310	.50070

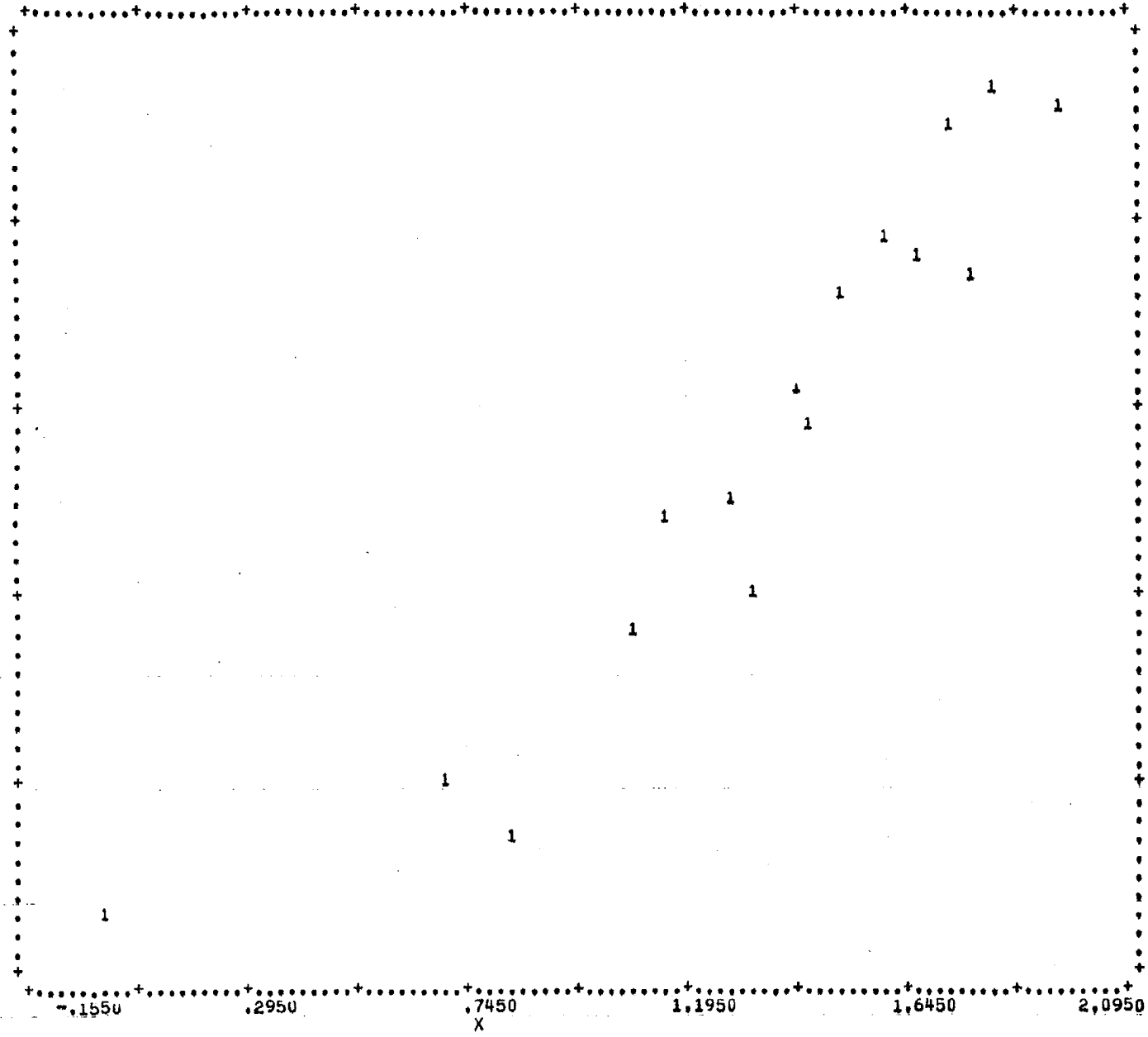


DUP05031080

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9366

VARIABLE	MEAN	STD DEV
B820	-.06092	.06202
X	1.33310	.50070

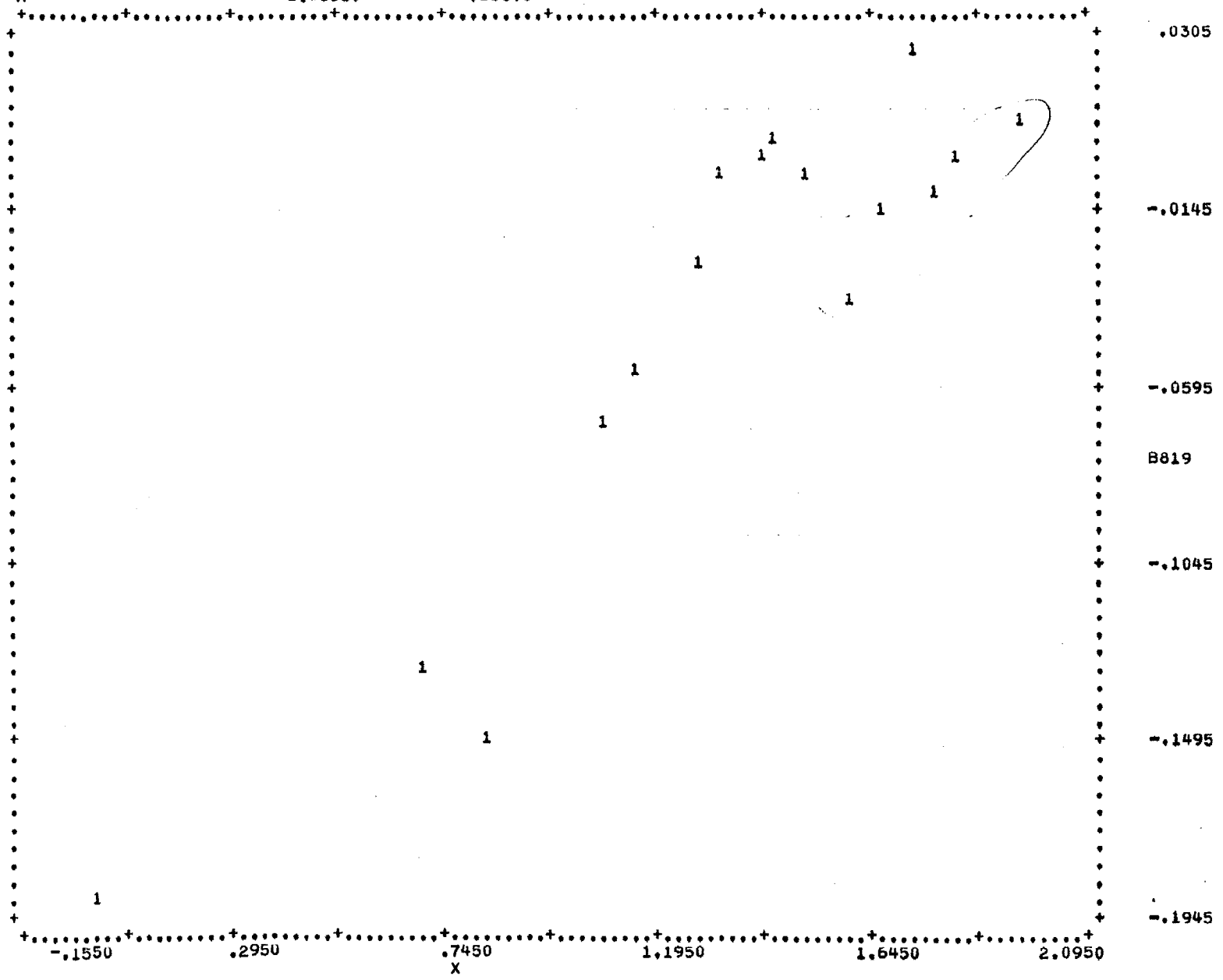


DUP050310808

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9185

VARIABLE	MEAN	STD DEV
B819	-.04062	.06333
X	1.33310	.50070

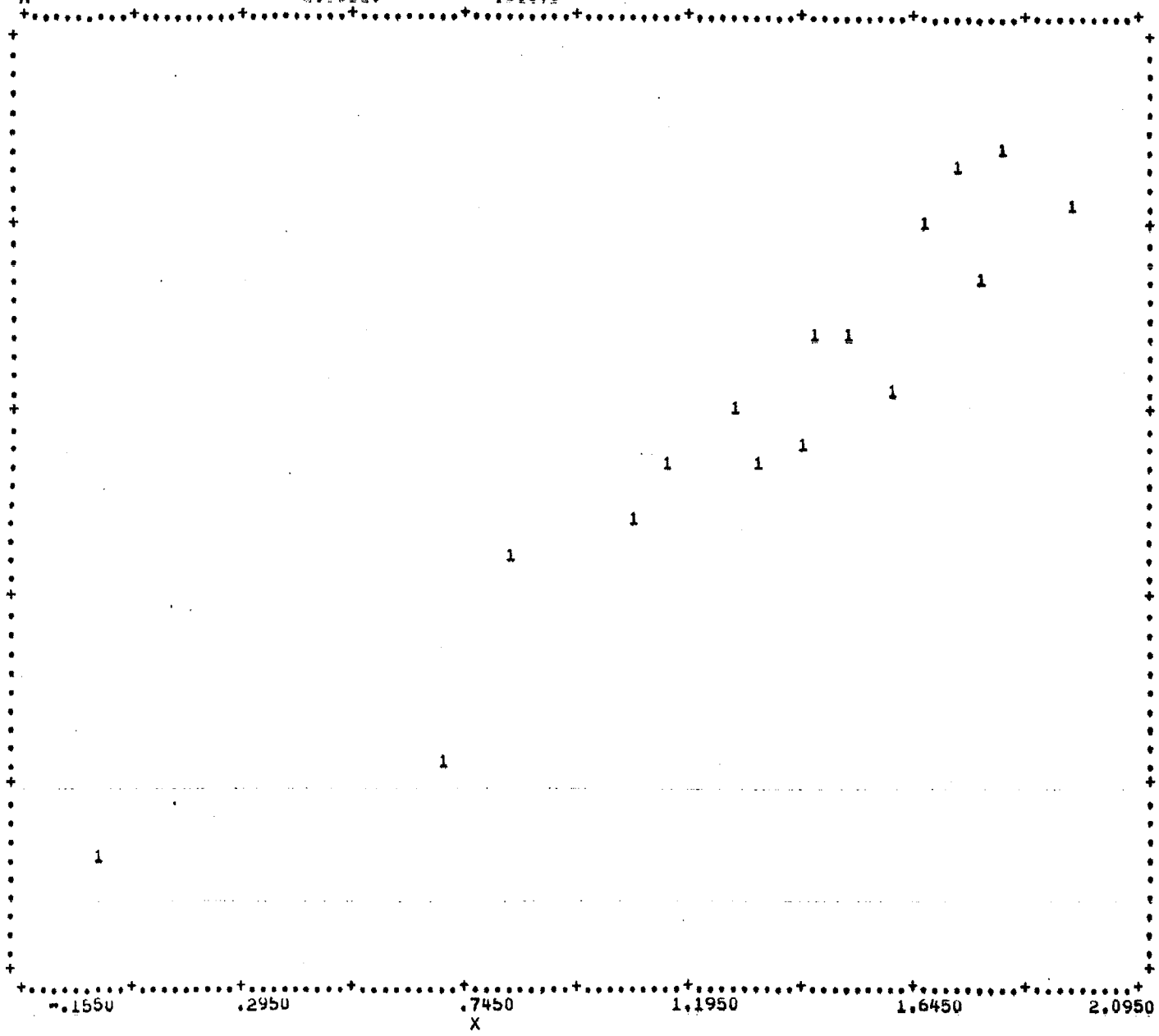


DUP050310809

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9584

VARIABLE	MEAN	STD DEV
B815	-.04561	.06447
X	1.33310	.50070

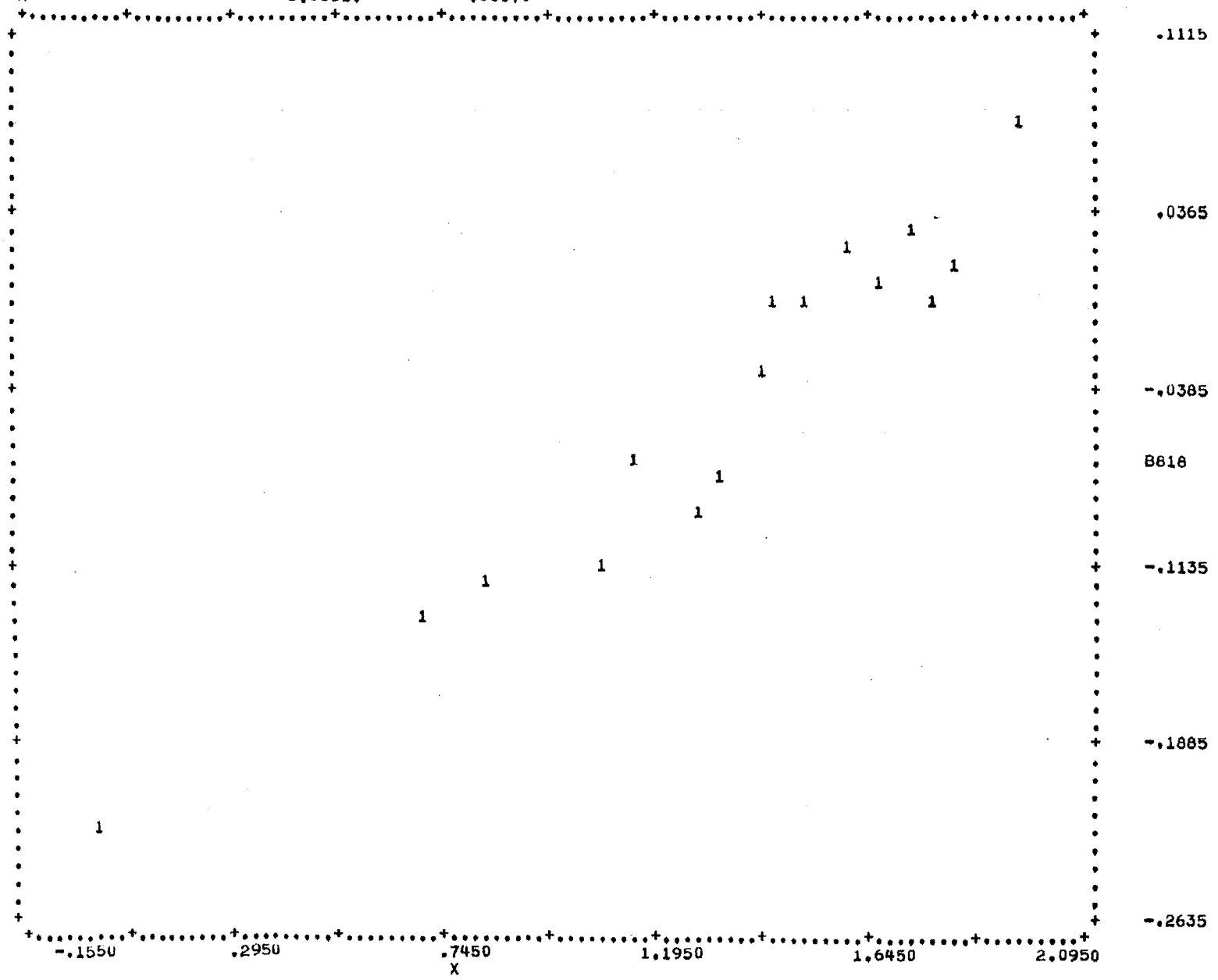


DUP050310810

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9599

VARIABLE	MEAN	STD DEV
B818	-.04523	.07880
X	1.33310	.50070

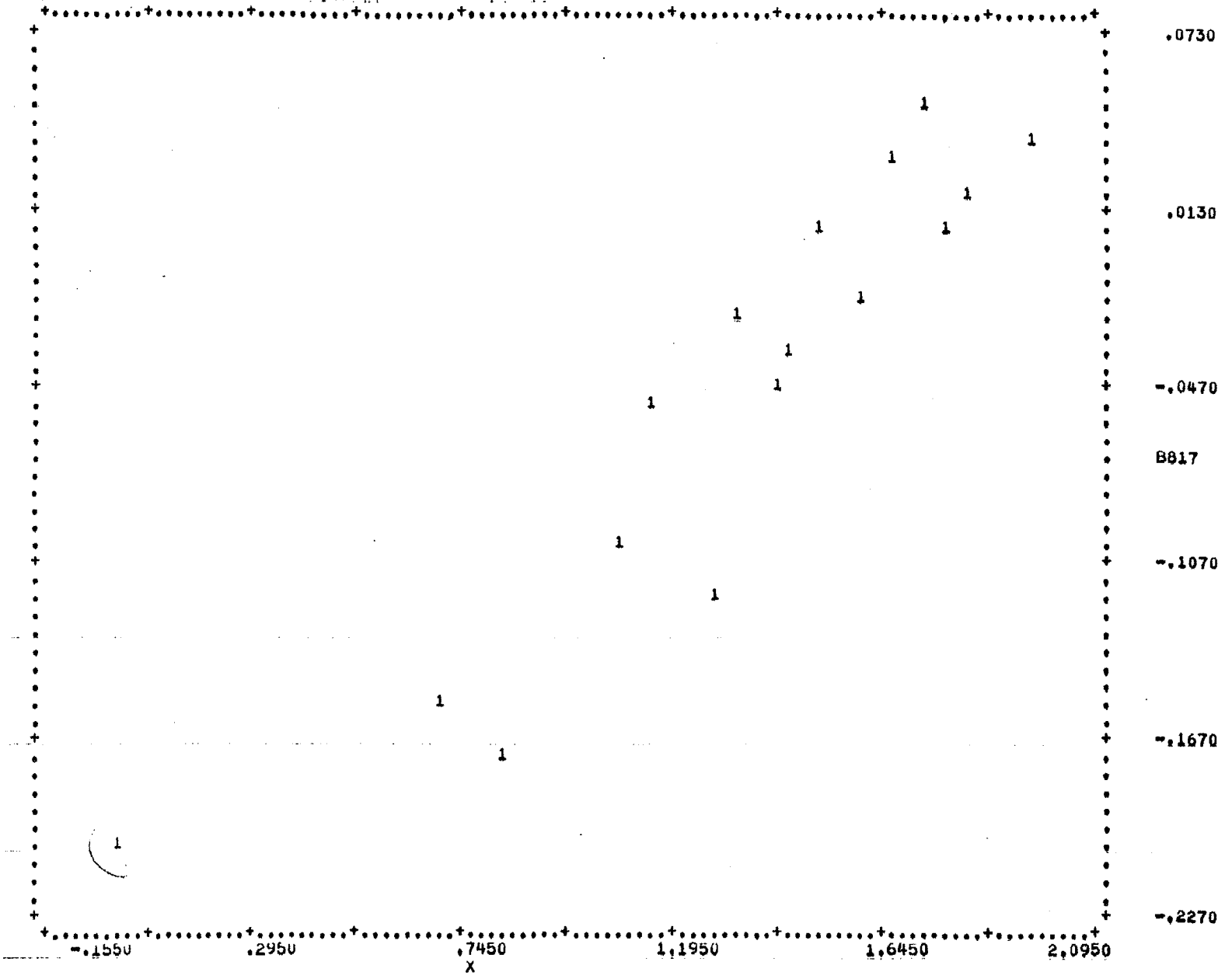


DUP050310811

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9243

VARIABLE	MEAN	STD DEV
B817	-.04876	.07878
X	1.33310	.50070

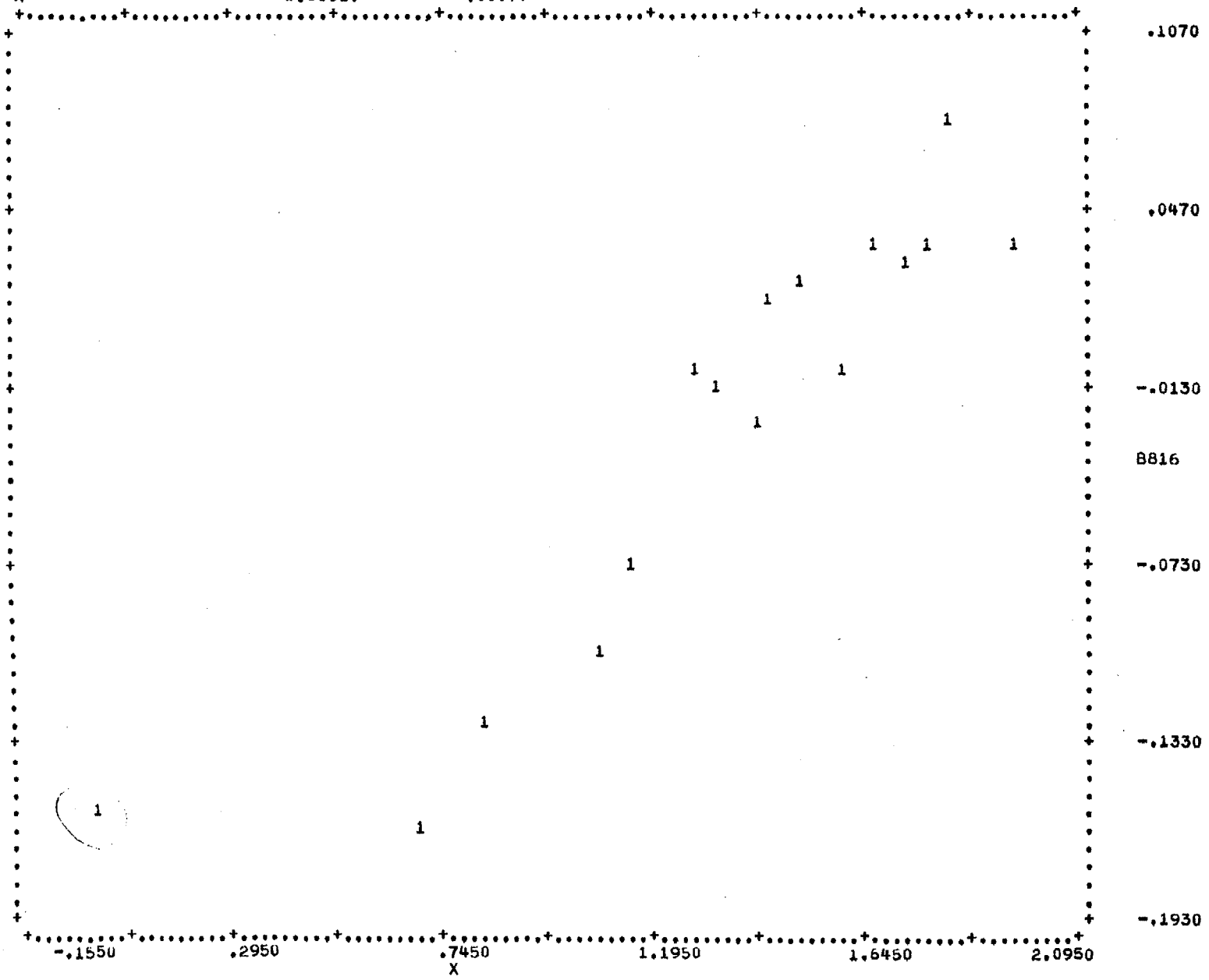


DUP050310812

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9197

VARIABLE	MEAN	STD DEV
B816	-.02657	.07516
X	1.33310	.50070

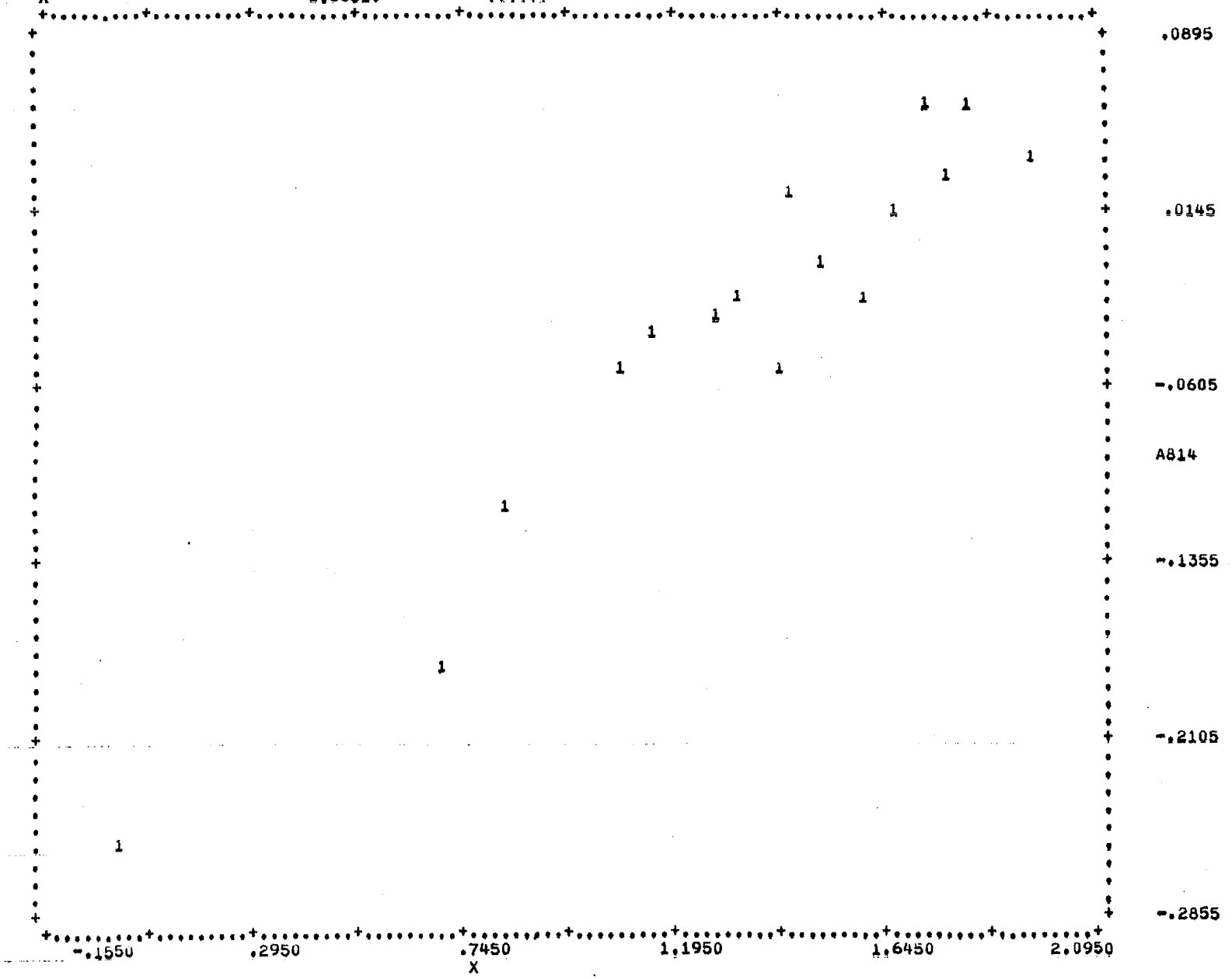


DUP050310813

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9621

VARIABLE	MEAN	STD DEV
A814	-.03430	.08617
X	1.33310	.50070

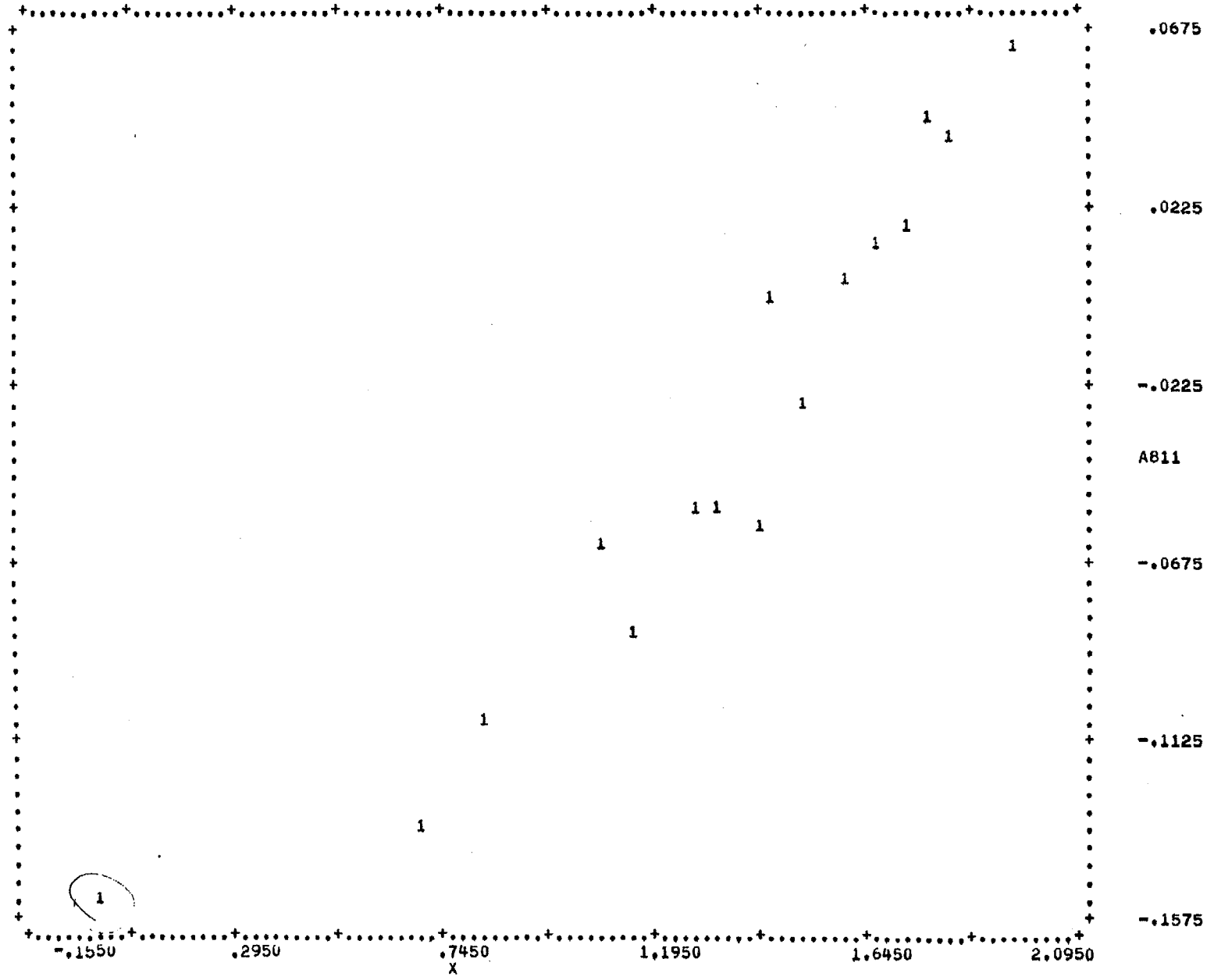


DUP050310814

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9426

VARIABLE	MEAN	STD DEV
A811	-.03456	.06538
X	1.33310	.50070

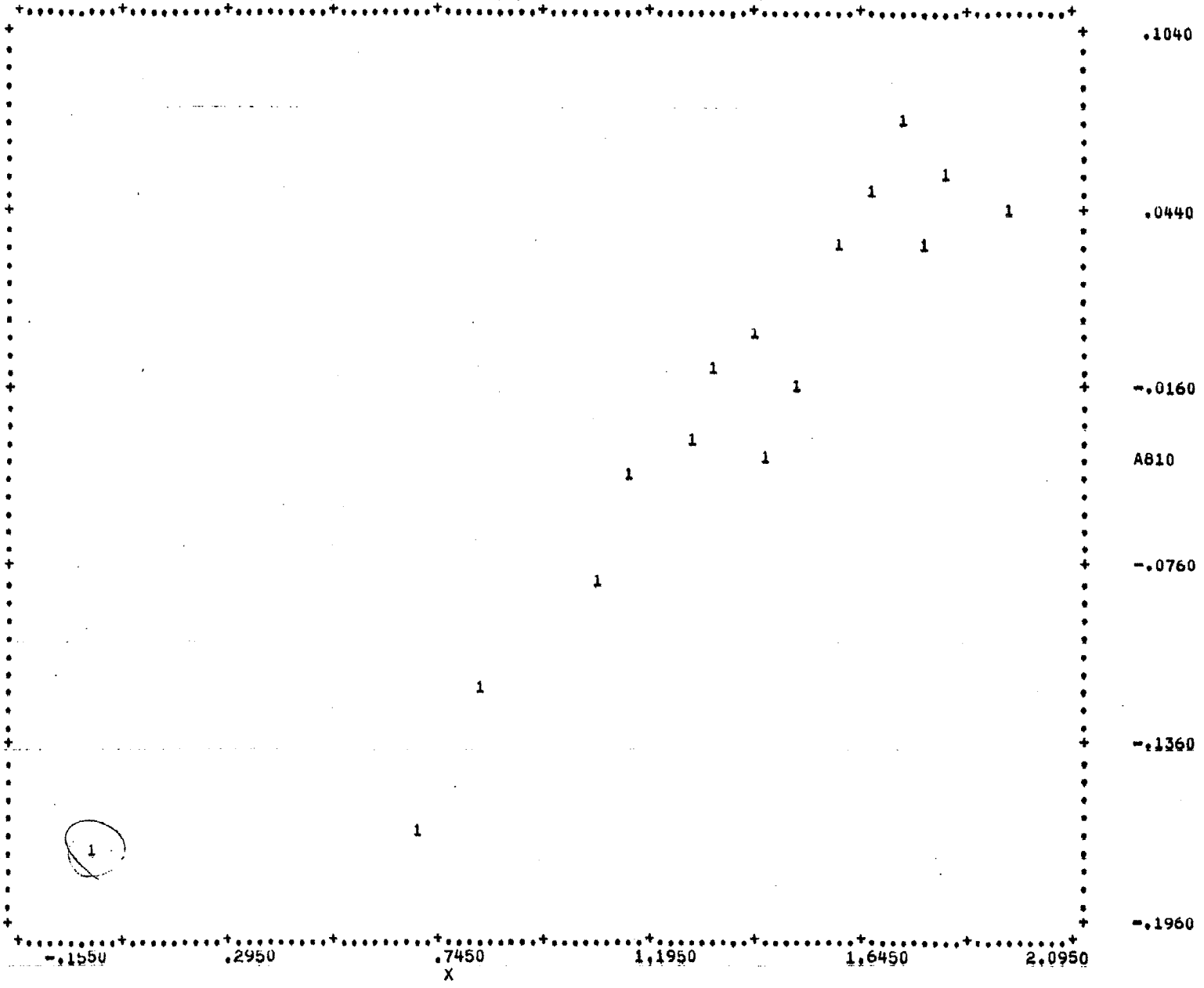


DUP050310815

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9355

VARIABLE	MEAN	STD DEV
A810	-.02453	.07669
X	1.33310	.50070

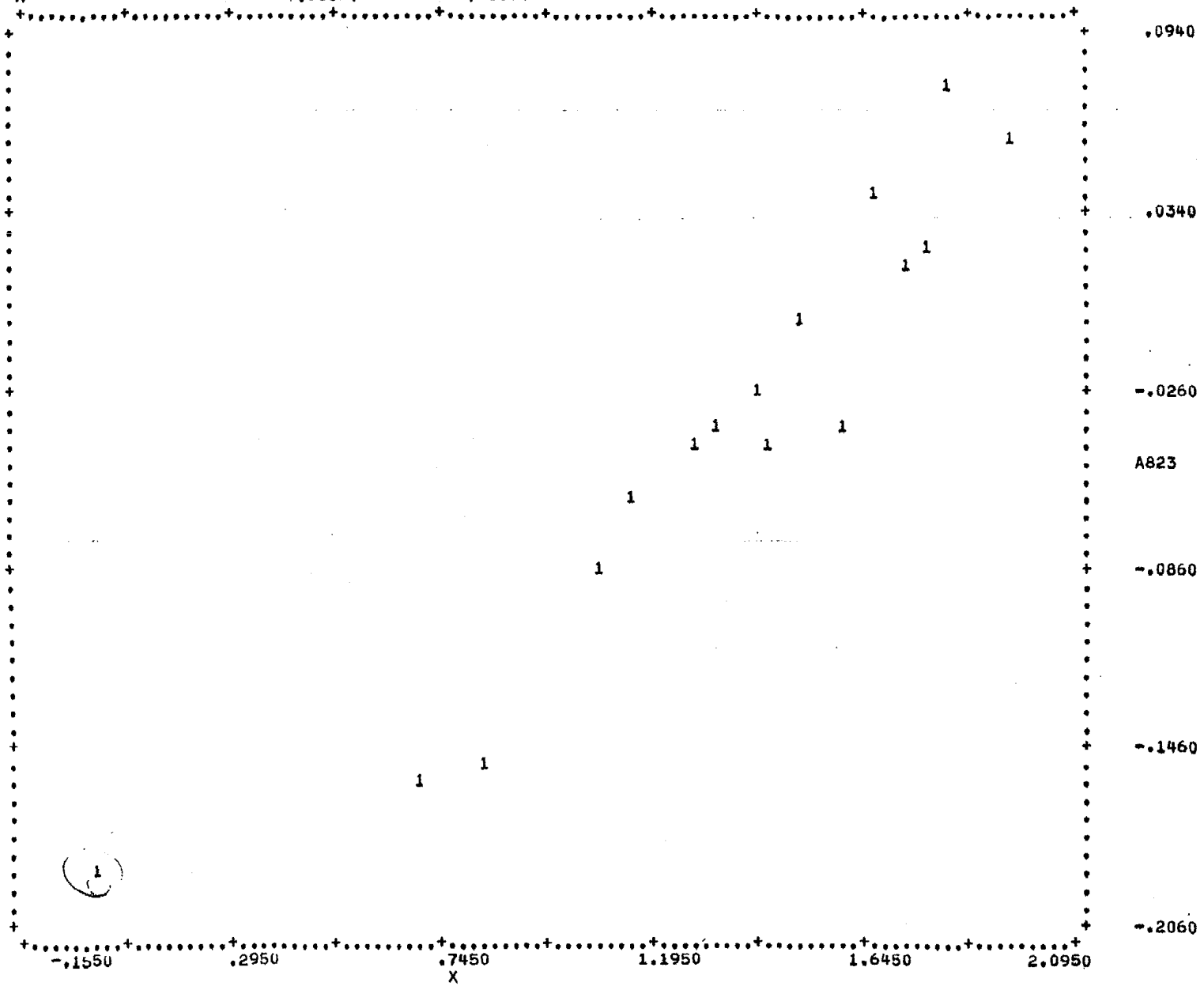


DUP050310816

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9476

VARIABLE	MEAN	STD DEV
A823	-.03873	.07668
X	1.33310	.50070

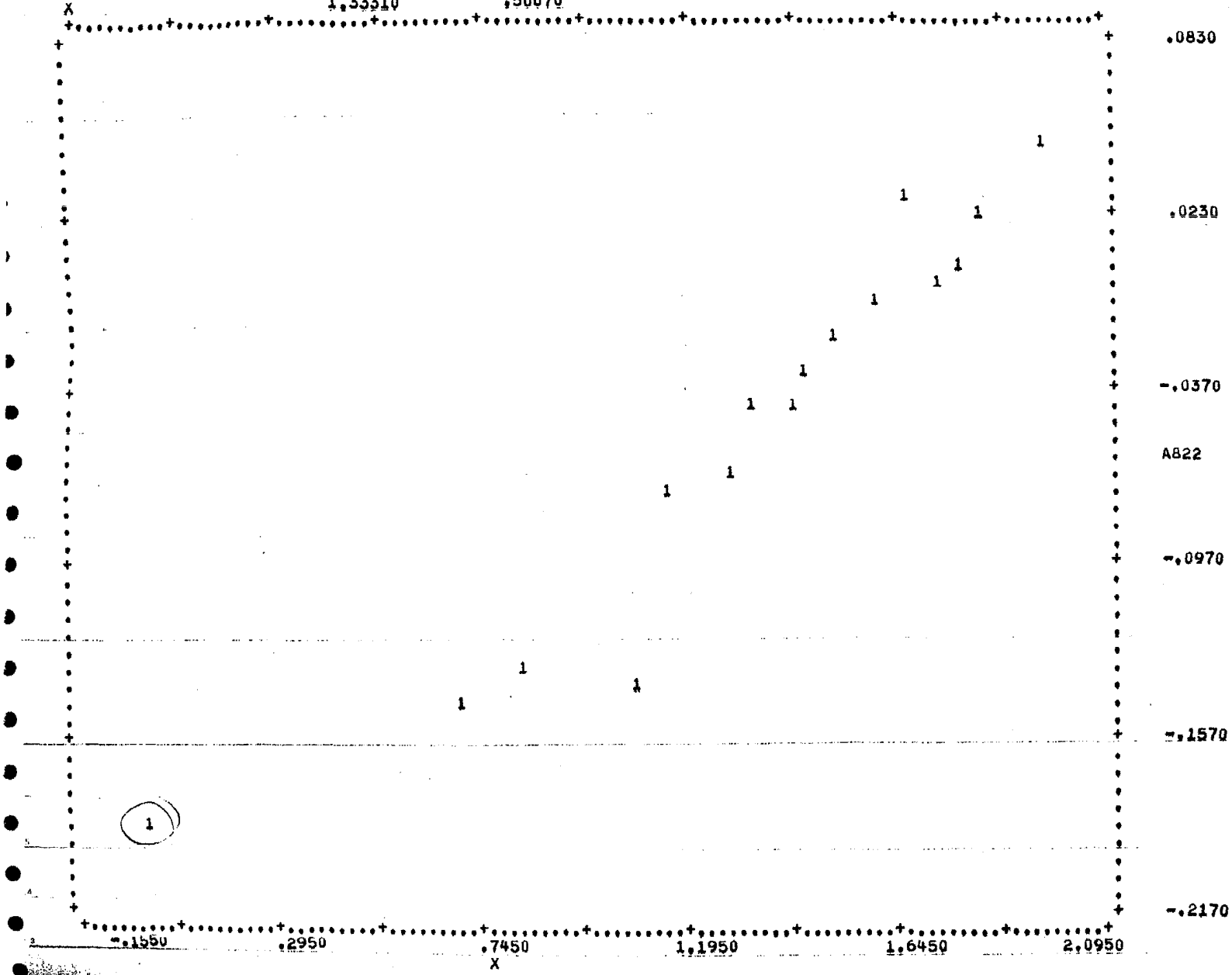


DUP050310817

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9482

VARIABLE	MEAN	STD DEV
A822	-.04915	.06963
X	1.33310	.50070

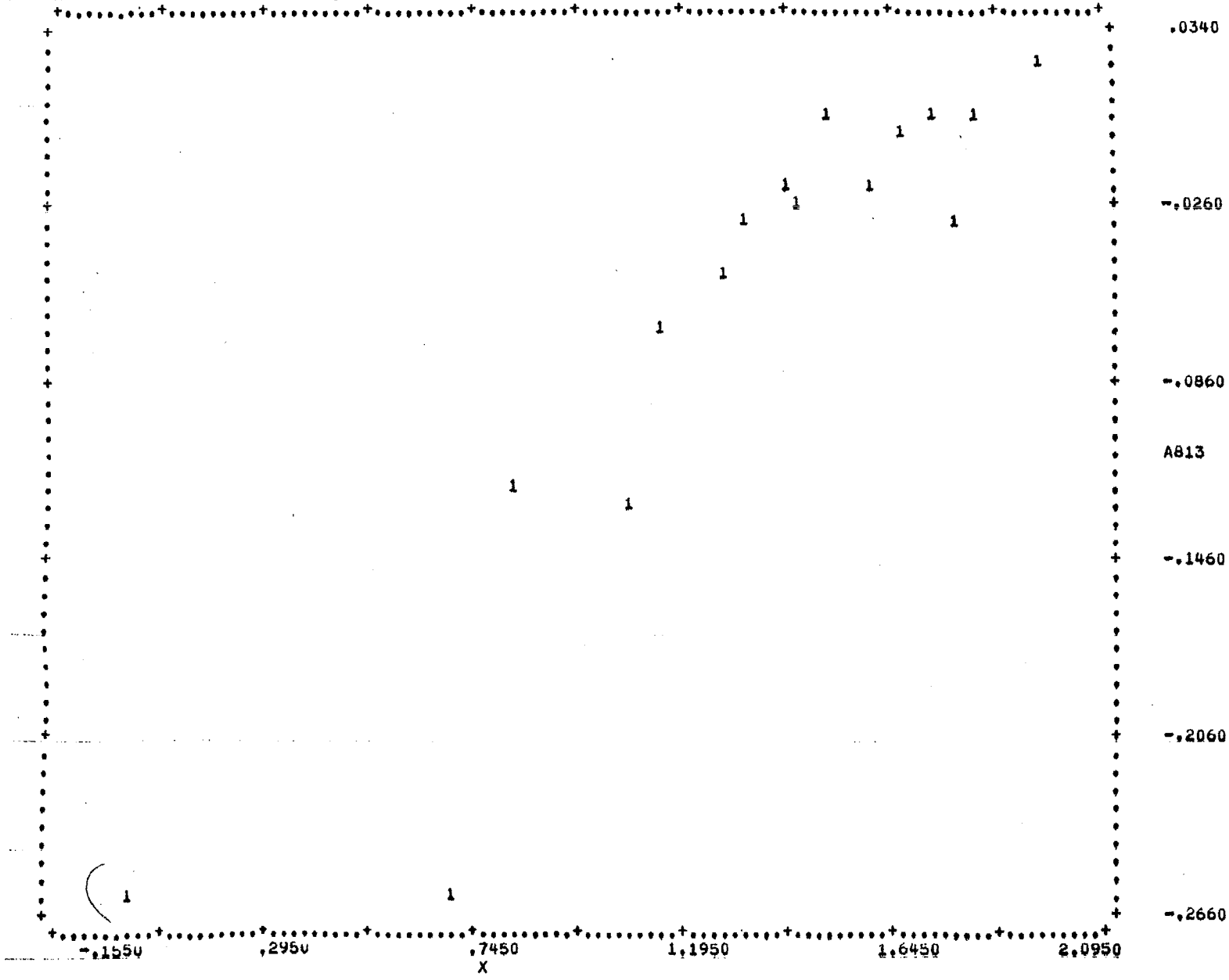


DUP050310818

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9254

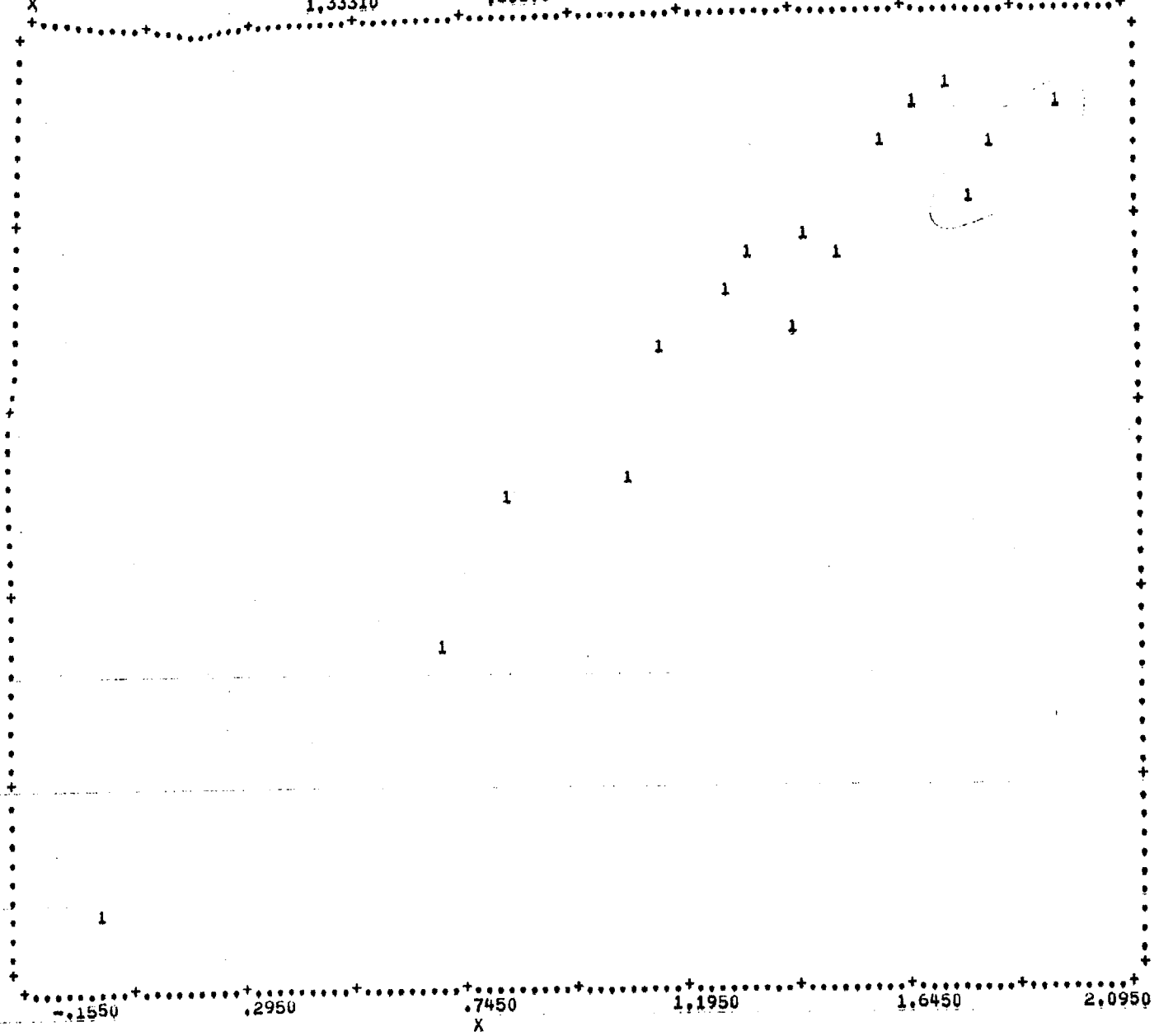
VARIABLE	MEAN	STD DEV
A813	-.06035	.08773
X	1.33310	.50070



DUP050310819

NPTS= 16 RED BLOOD CELL MALE DOB NOUT= 0 NMISS= 0 R= .9713

VARIABLE	MEAN	STD DEV
A812	-.03576	.07190
X	1.33310	.50070

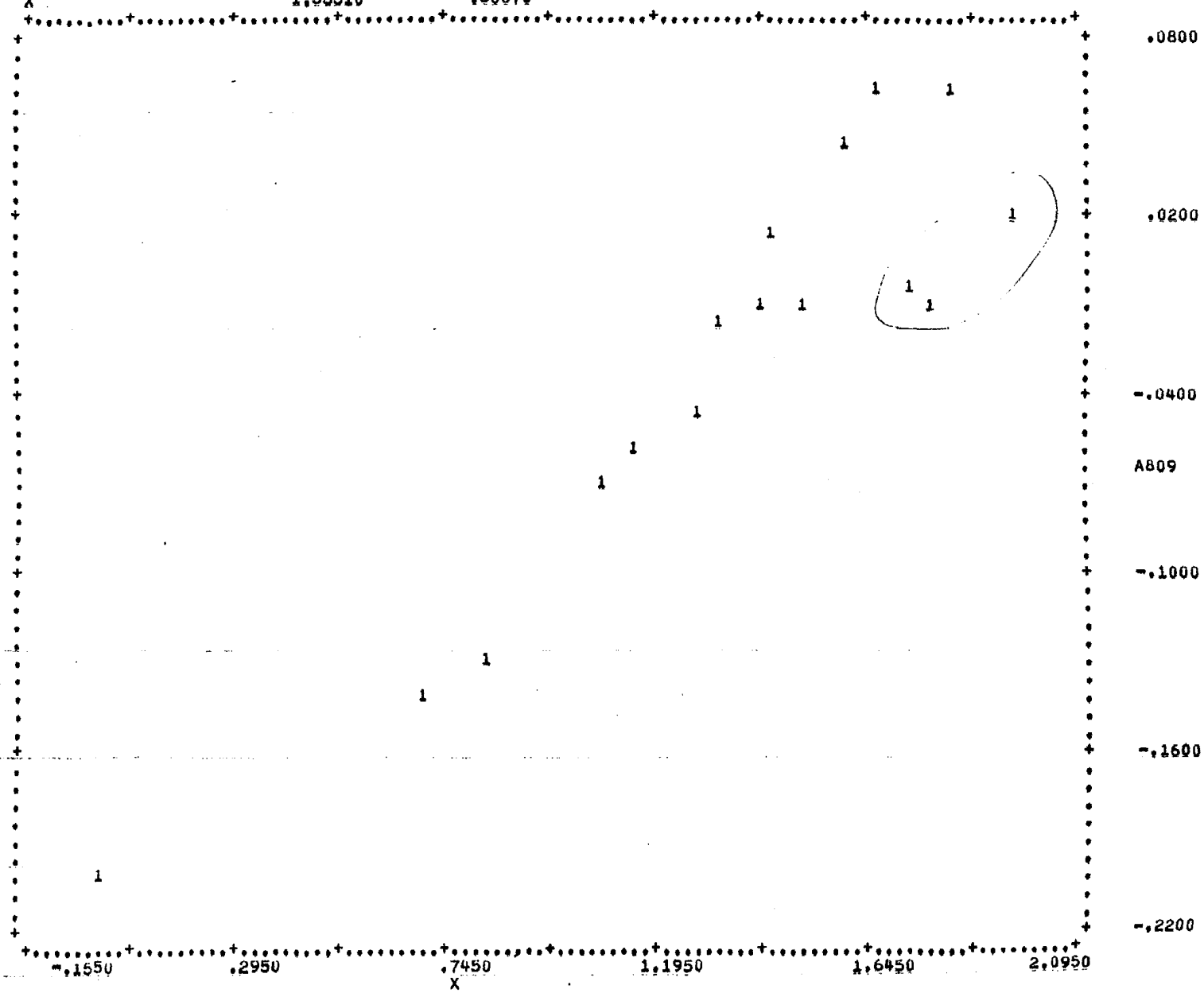


DUP050310820

RED BLOOD CELL MALE DOG

NPTS= 16 NOUT= 0 NMISS= 0 R= .9325

VARIABLE	MEAN	STD DEV
A809	-.03063	.07546
X	1.33310	.50070

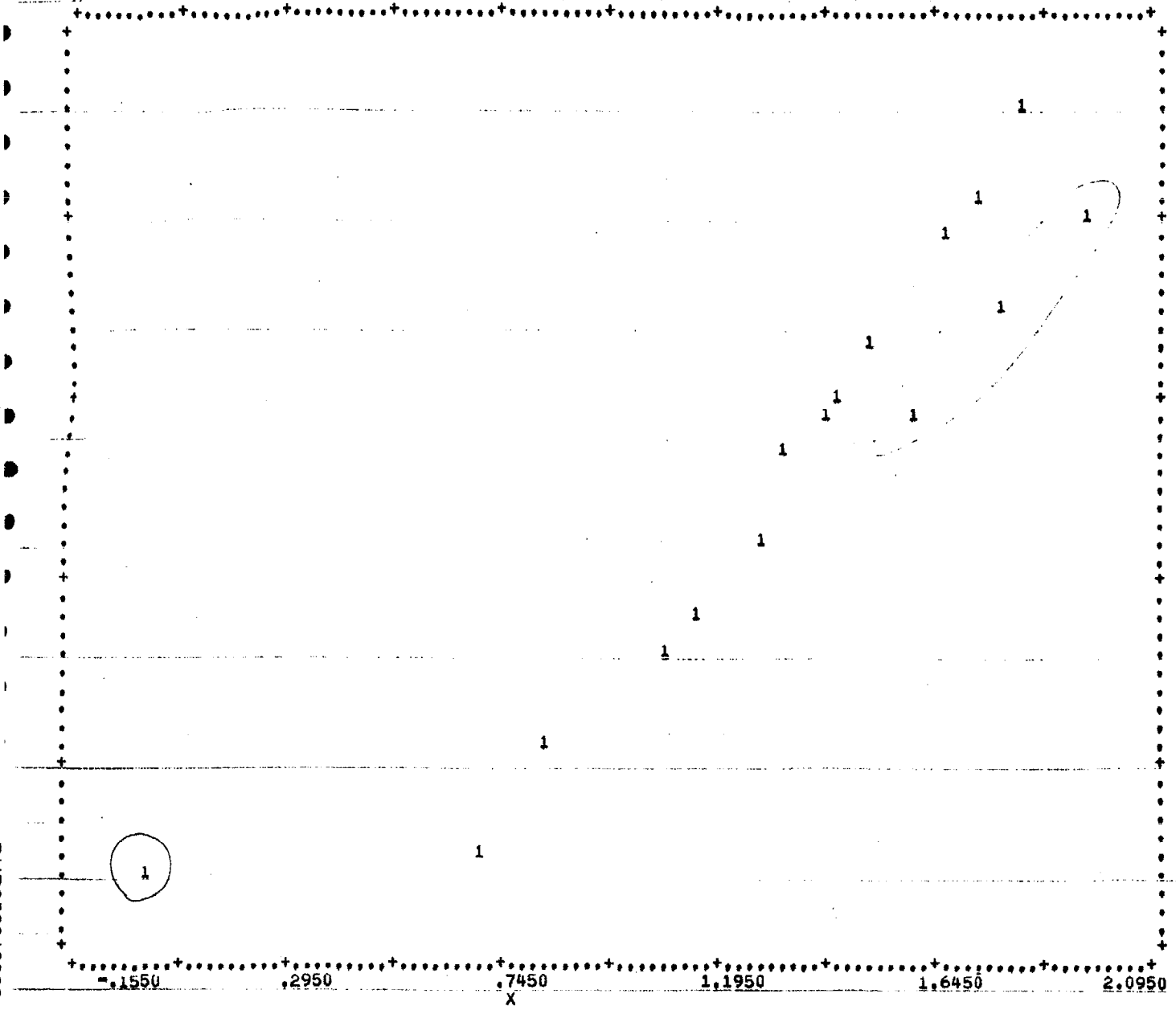


DUP050310821

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9356

VARIABLE	MEAN	STD DEV
B824	-.05105	.05780
X	1.33310	.50070



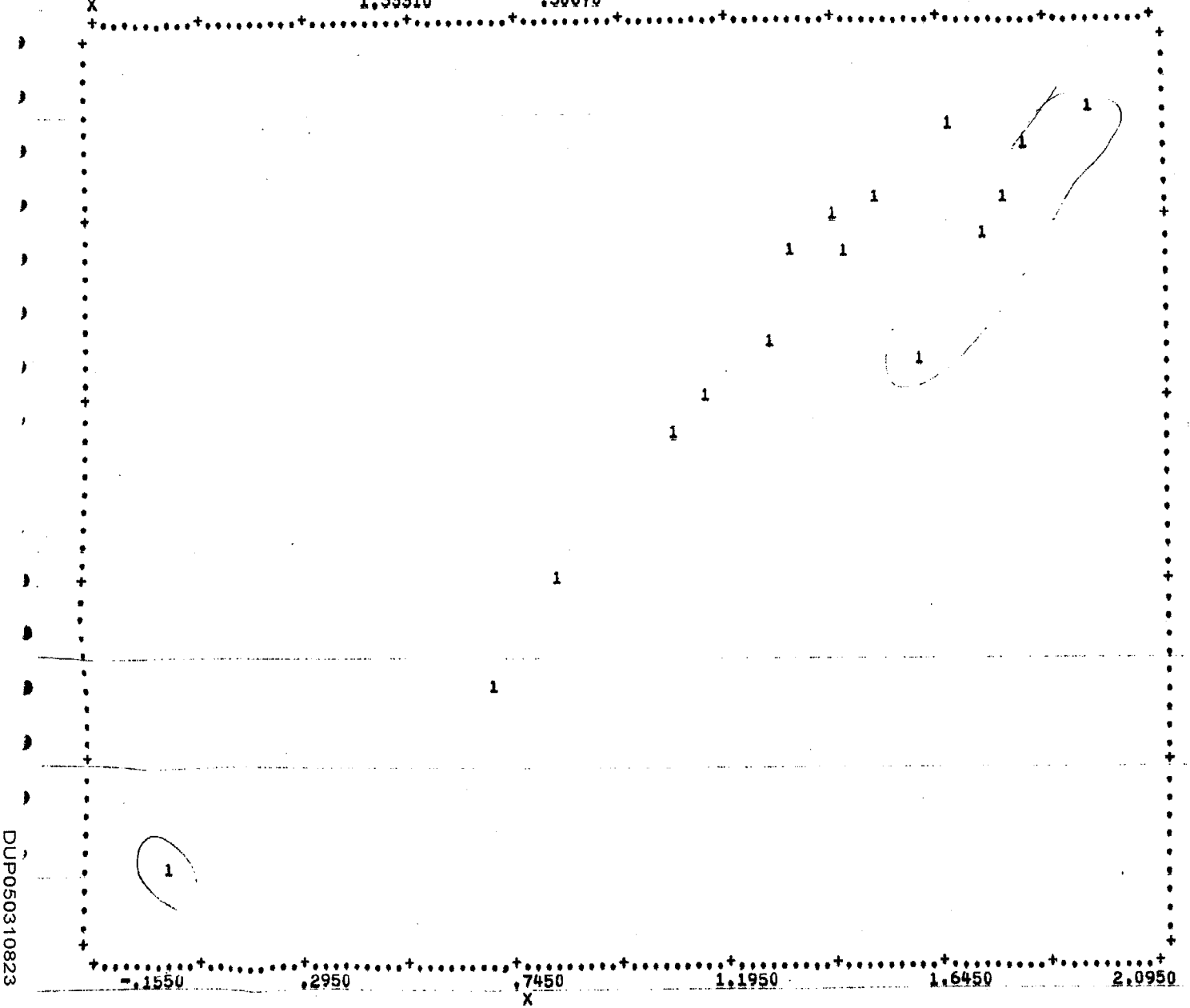
N36877.05

DUP050310822

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9559

VARIABLE	MEAN	STD DEV
B821	-.04509	.05363
X	1.33310	.50070

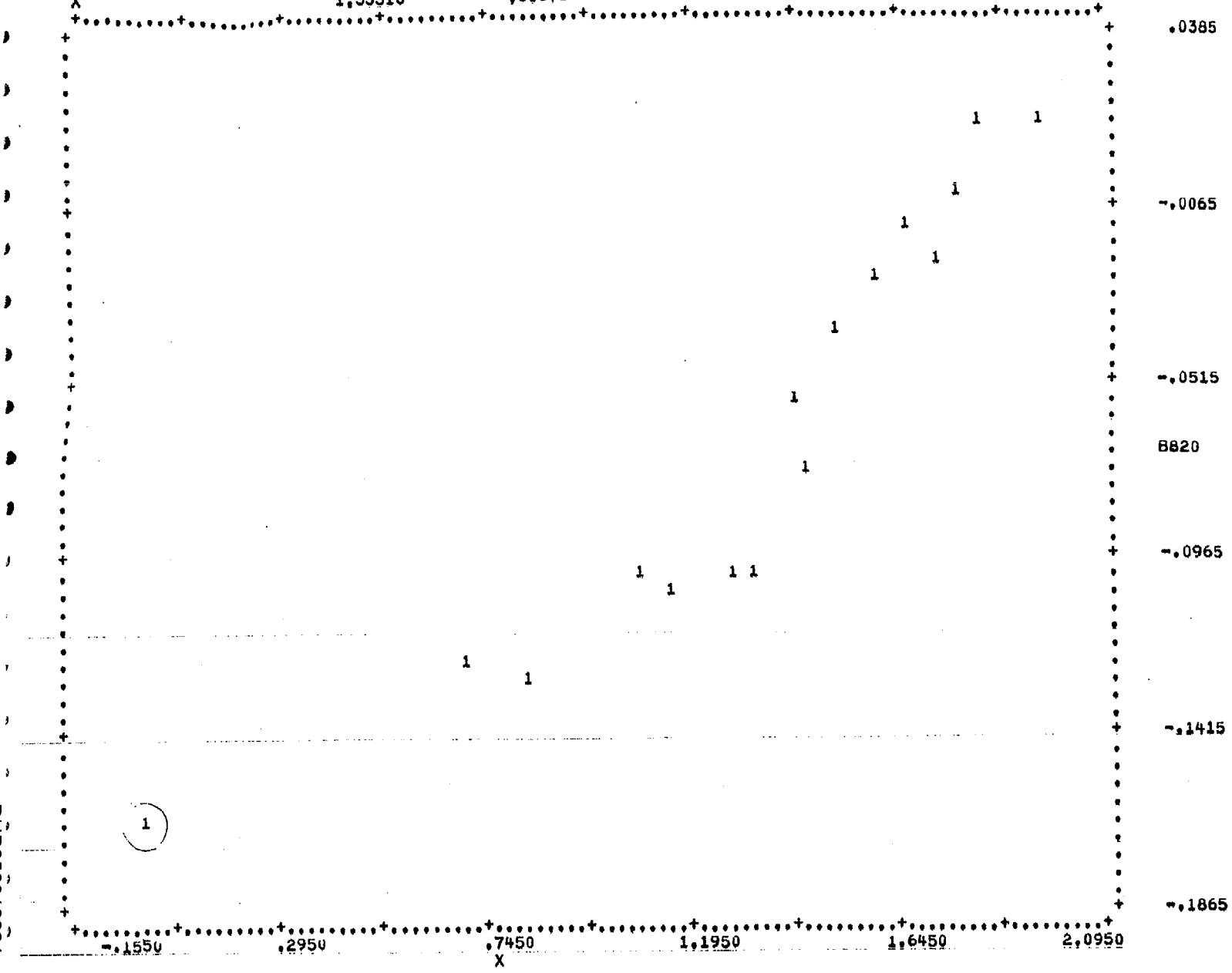


DUP050310823

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9302

VARIABLE	MEAN	STD DEV
B820	-.06307	.05656
X	1.33310	.50070

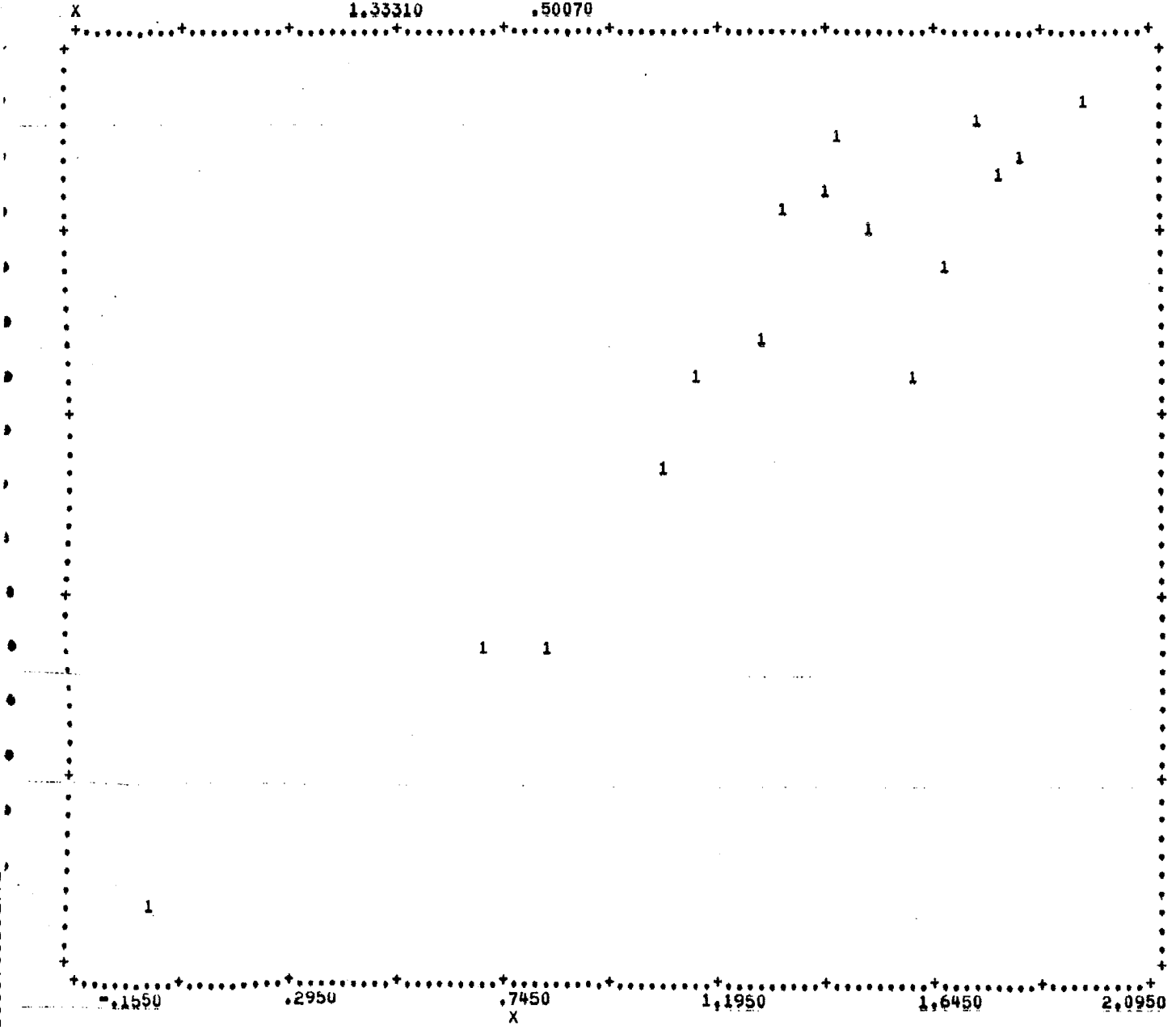


DUP050310824

HEMOGLOBIN MALE DOGS

NPTS= 16 NOVL= 0 NMISS= 0 R= .9365

VARIABLE	MEAN	STD DEV
B819	-.02455	.05726
X	1.33310	.50070

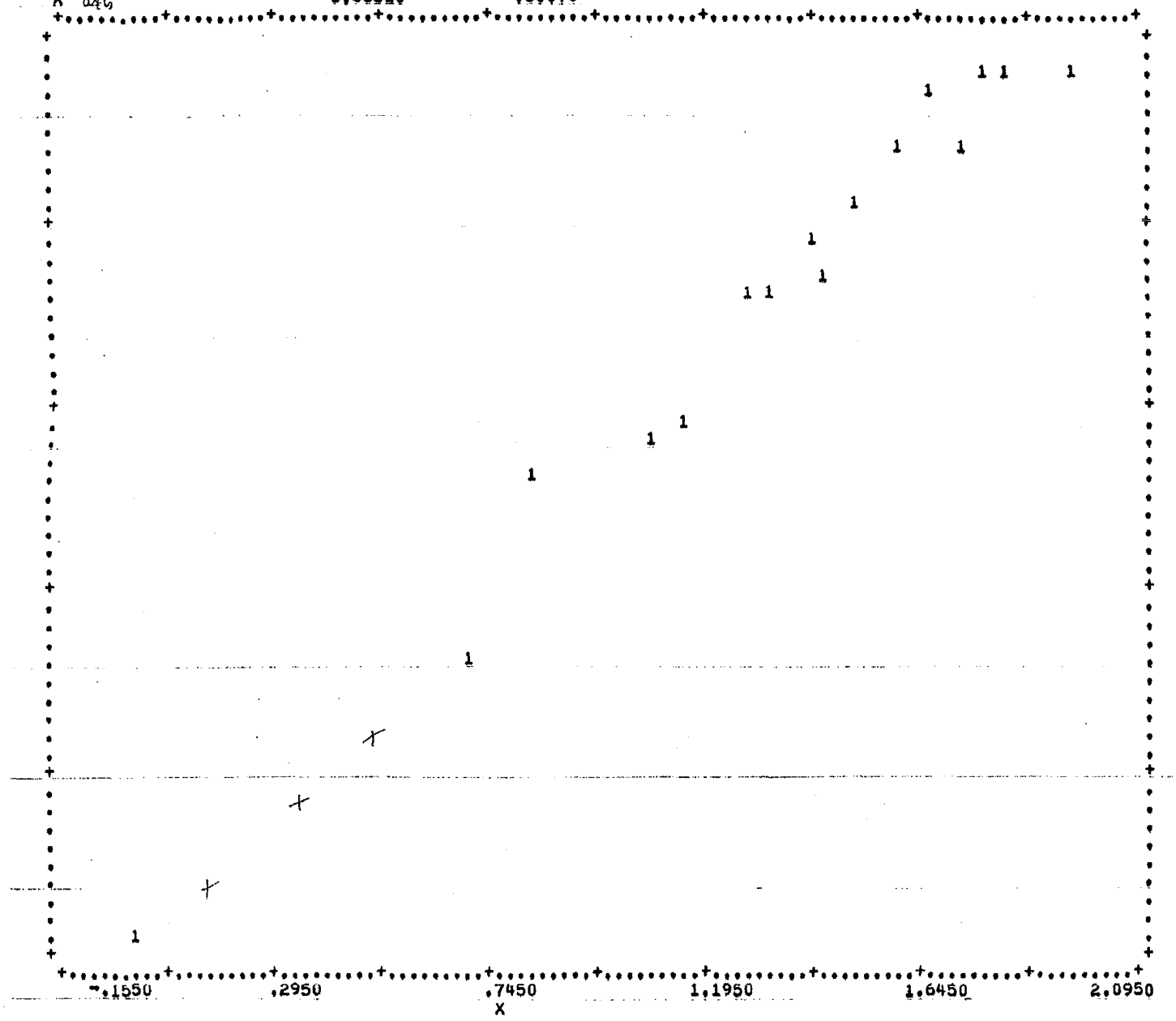


DUP050310825

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9895

VARIABLE	MEAN	STD DEV
B815 y axis	-.02572	.05833
X axis	1.33310	.50070

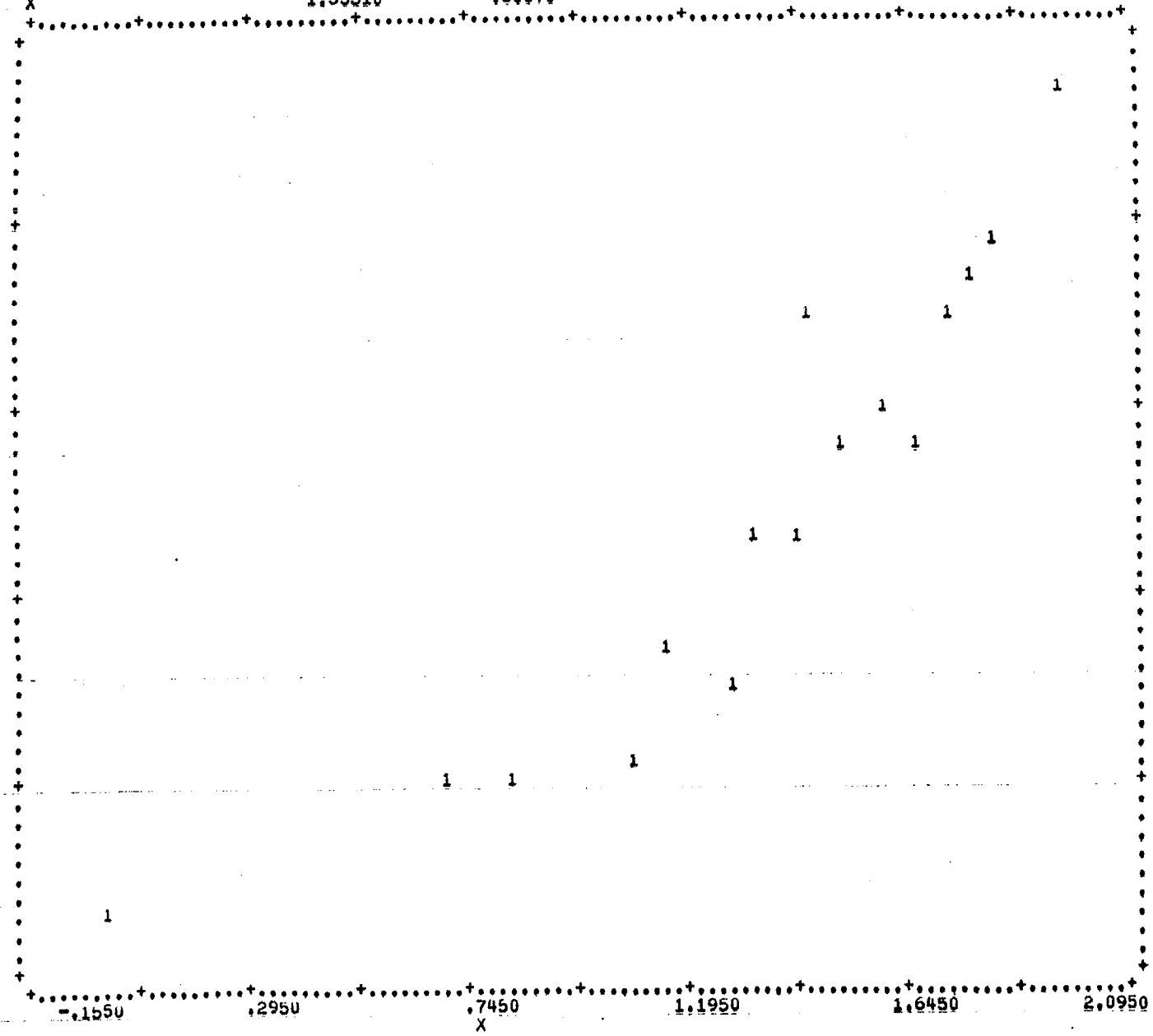


DUP050310826

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9135

VARIABLE	MEAN	STD DEV
B818	-.06052	.05713
X	1.33310	.50070

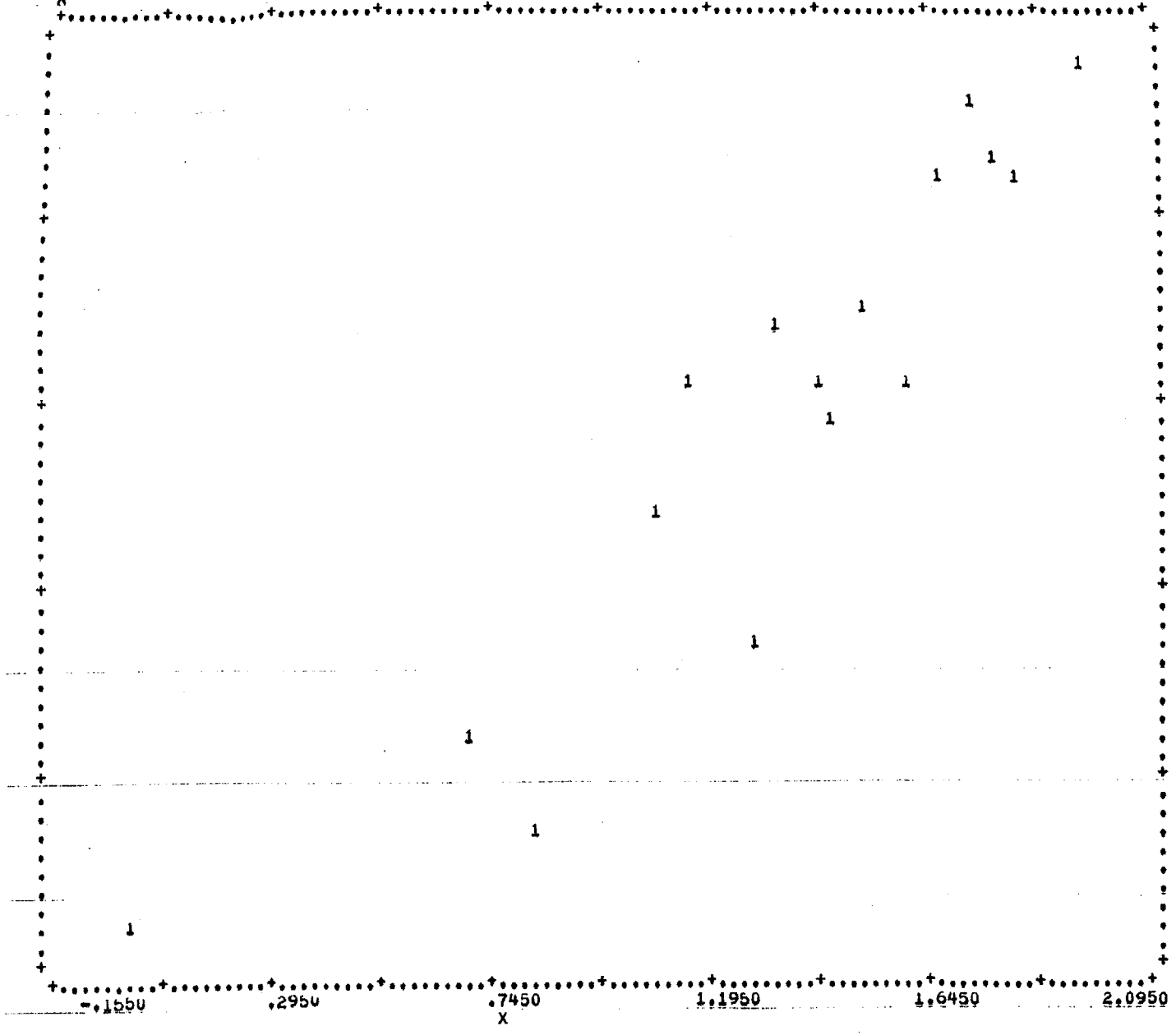


DUP050310827

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9212

VARIABLE	MEAN	STD DEV
B817	-.04779	.06304
X	1.33310	.50070

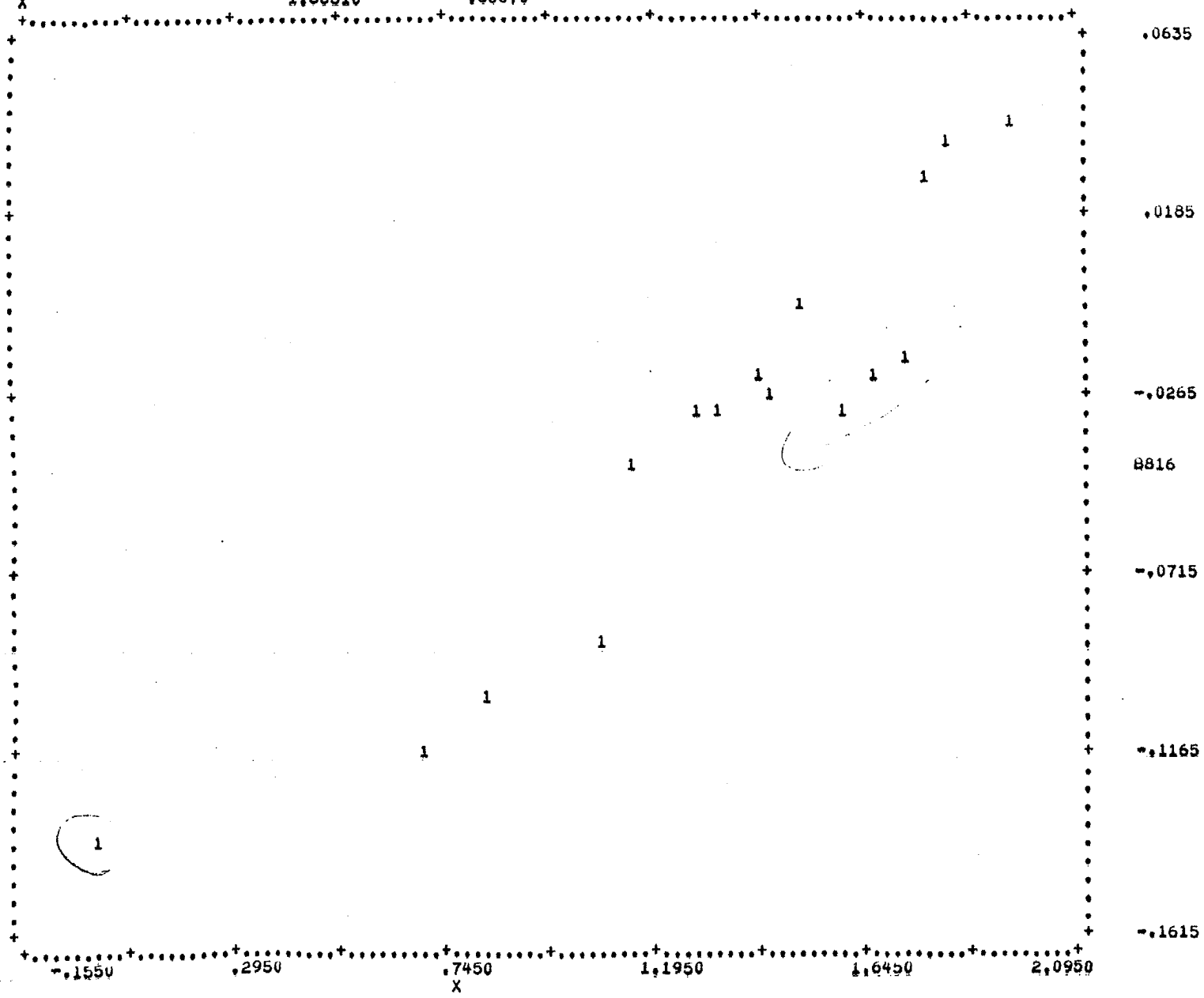


DUP050310828

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9343

VARIABLE	MEAN	STD DEV
B816	-.03611	.05266
X	1.33310	.50070

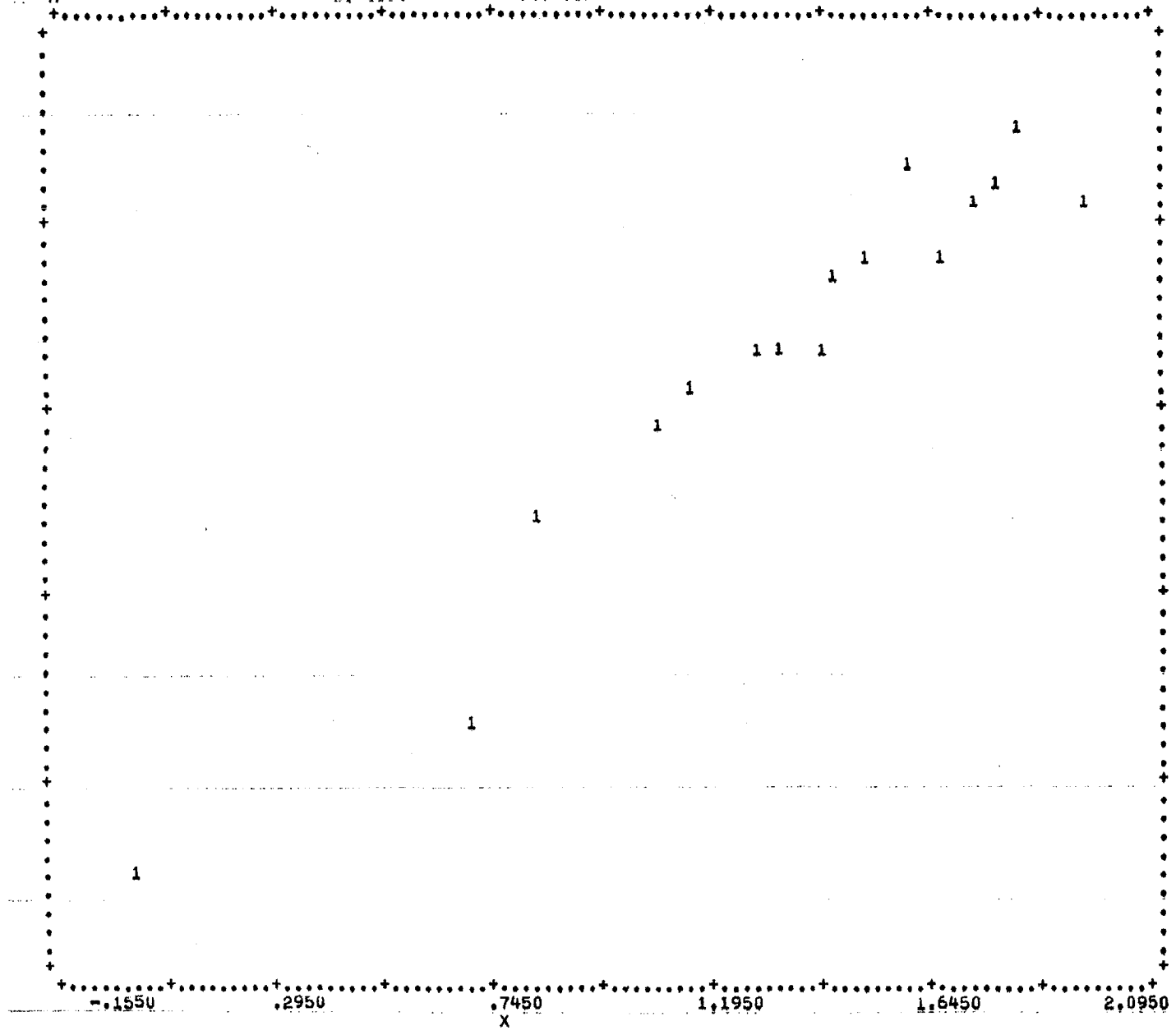


DUP050310829

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9710

VARIABLE	MEAN	STD DEV
A814	-.02093	.08305
X	1.33310	.50070

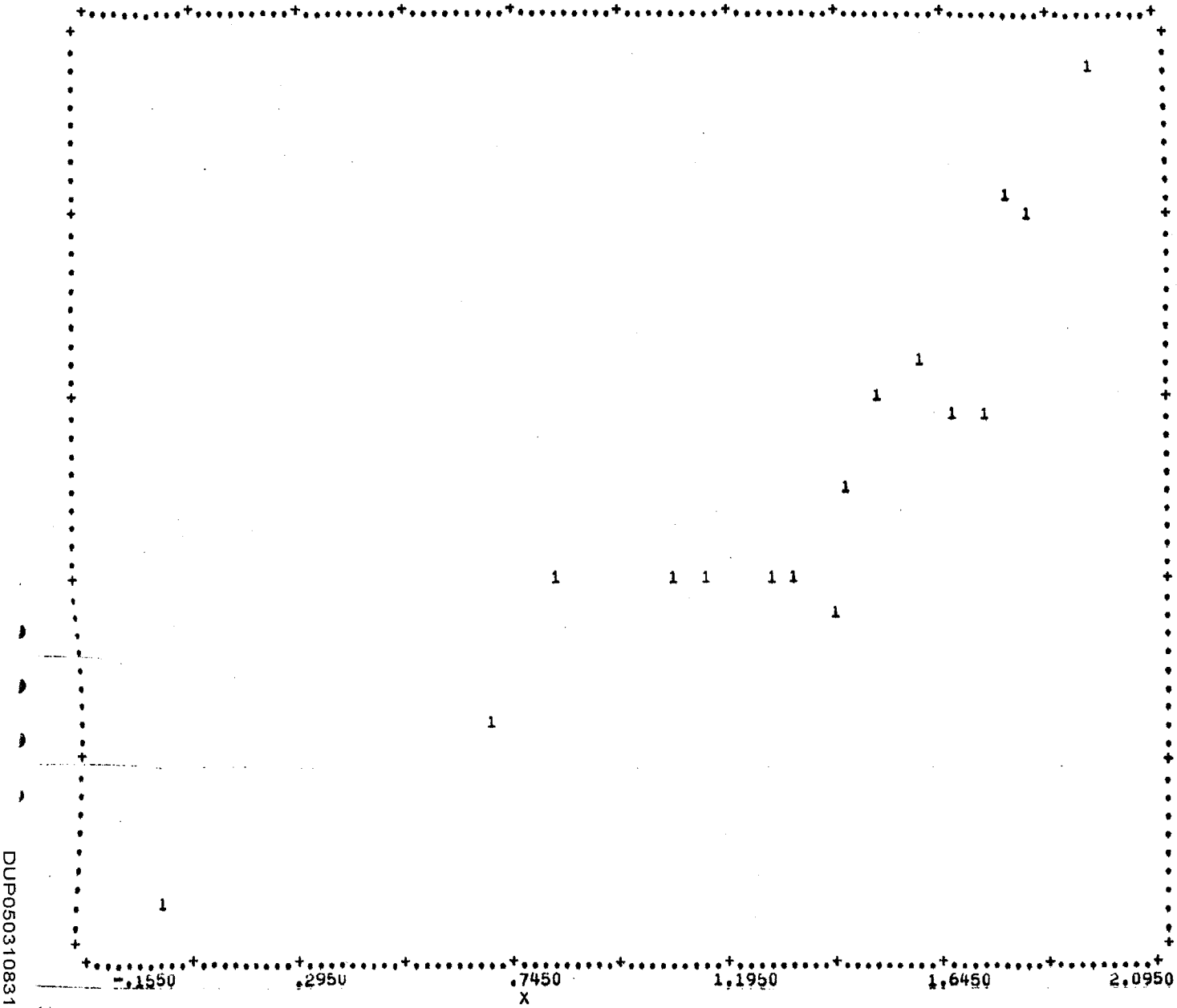


DUP050310830

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0

VARIABLE	MEAN	STD DEV
A811	-.05056	.05203
X	1.33310	.50070

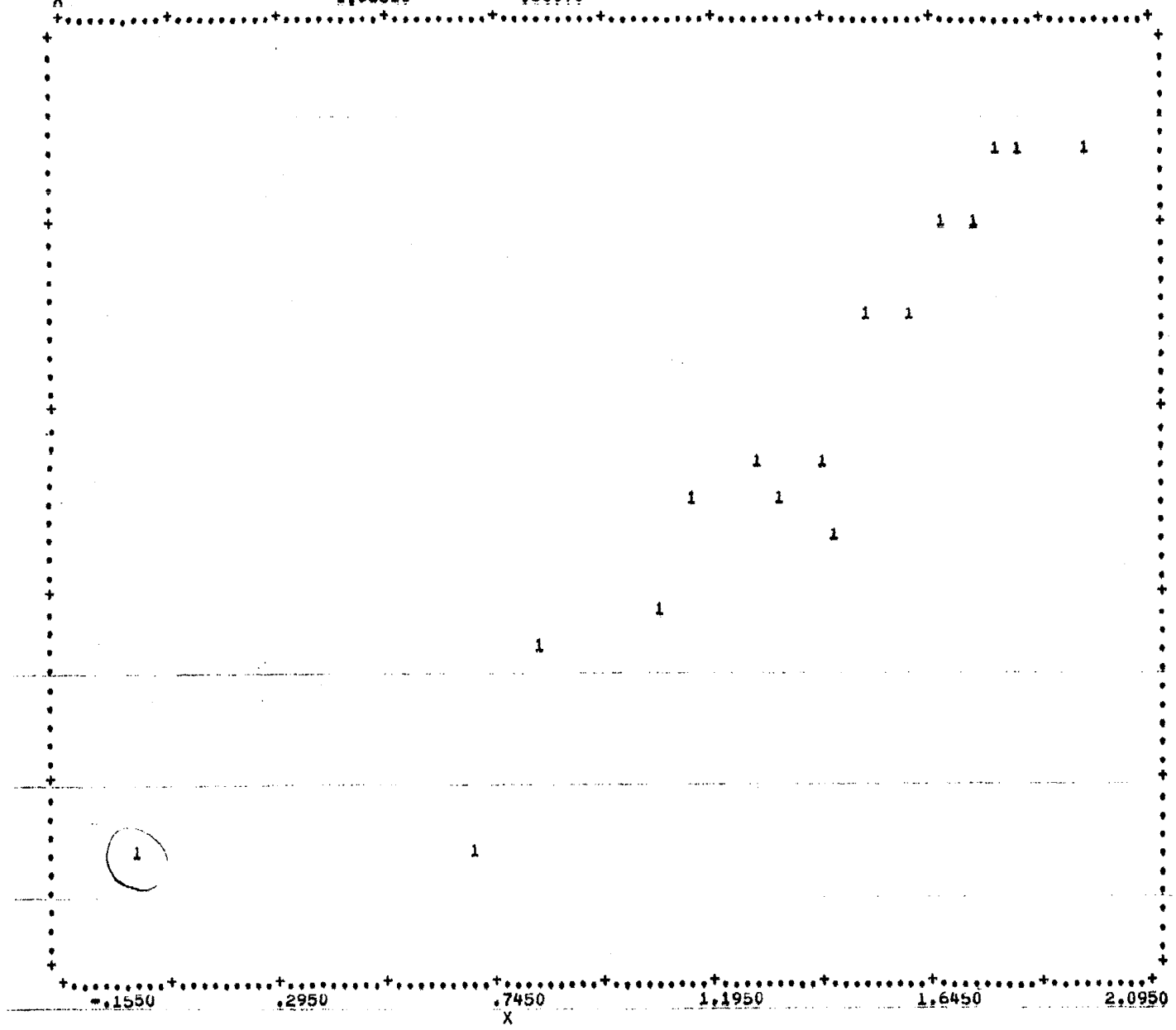


DUP050310831

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9348

VARIABLE	MEAN	STD DEV
A810	-.03740	.05581
X	1.33310	.50070

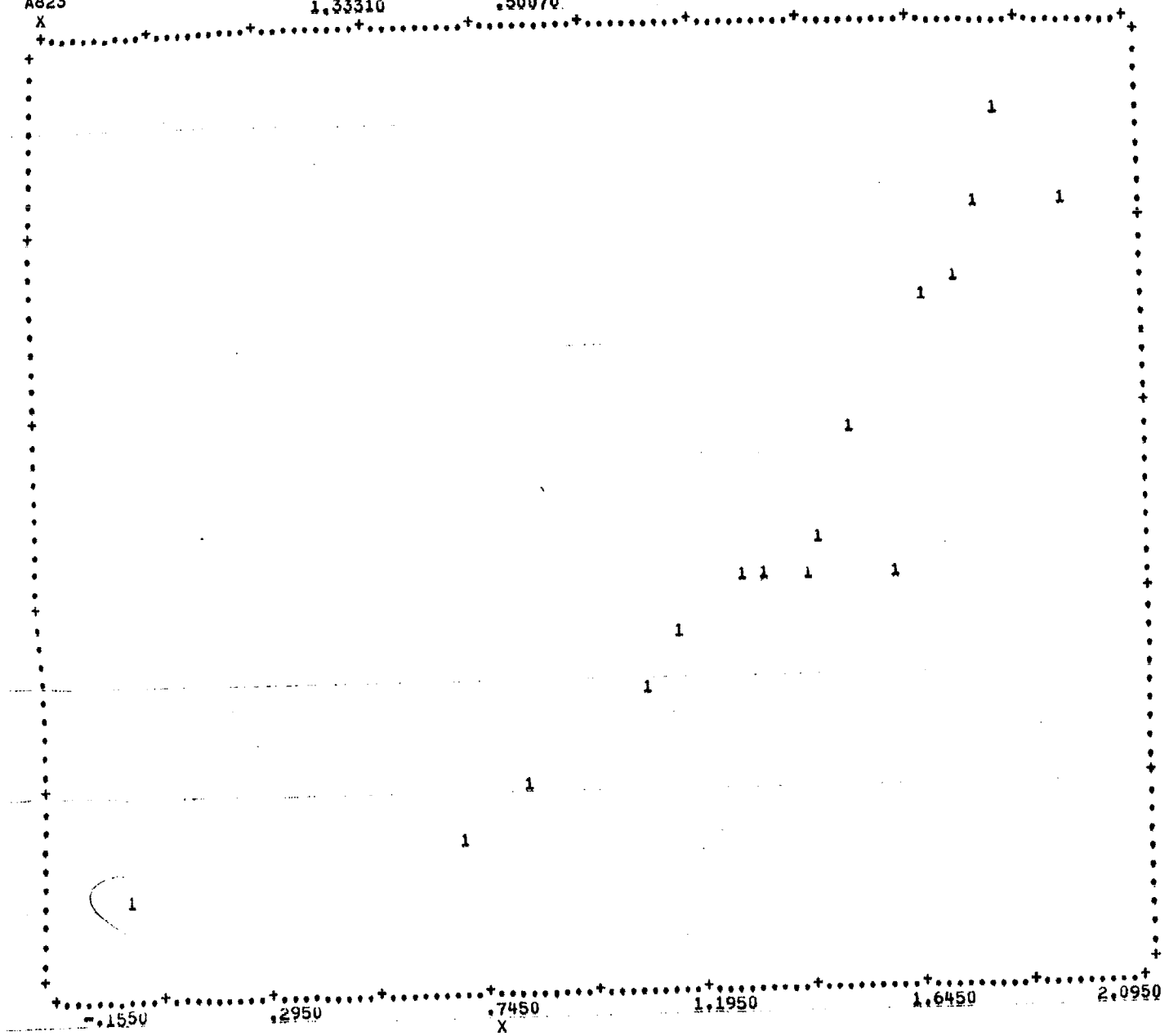


DUP050310832

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .842

VARIABLE	MEAN	STD DEV
A823	-.05724	.05675
X	1.33310	.50070

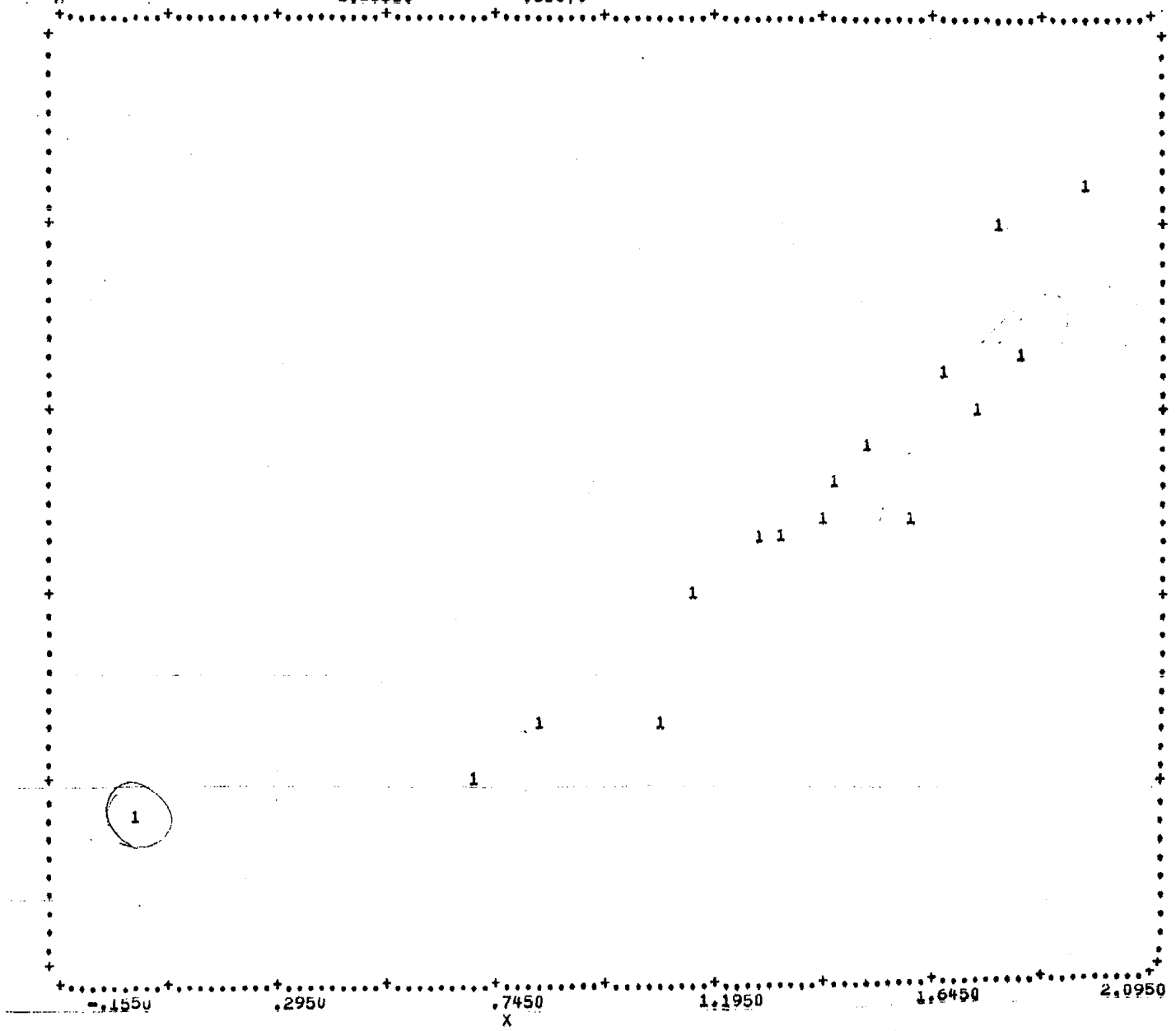


DUP050310833

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9109

VARIABLE	MEAN	STD DEV
A822	-.04681	.04540
X	1.33310	.50070

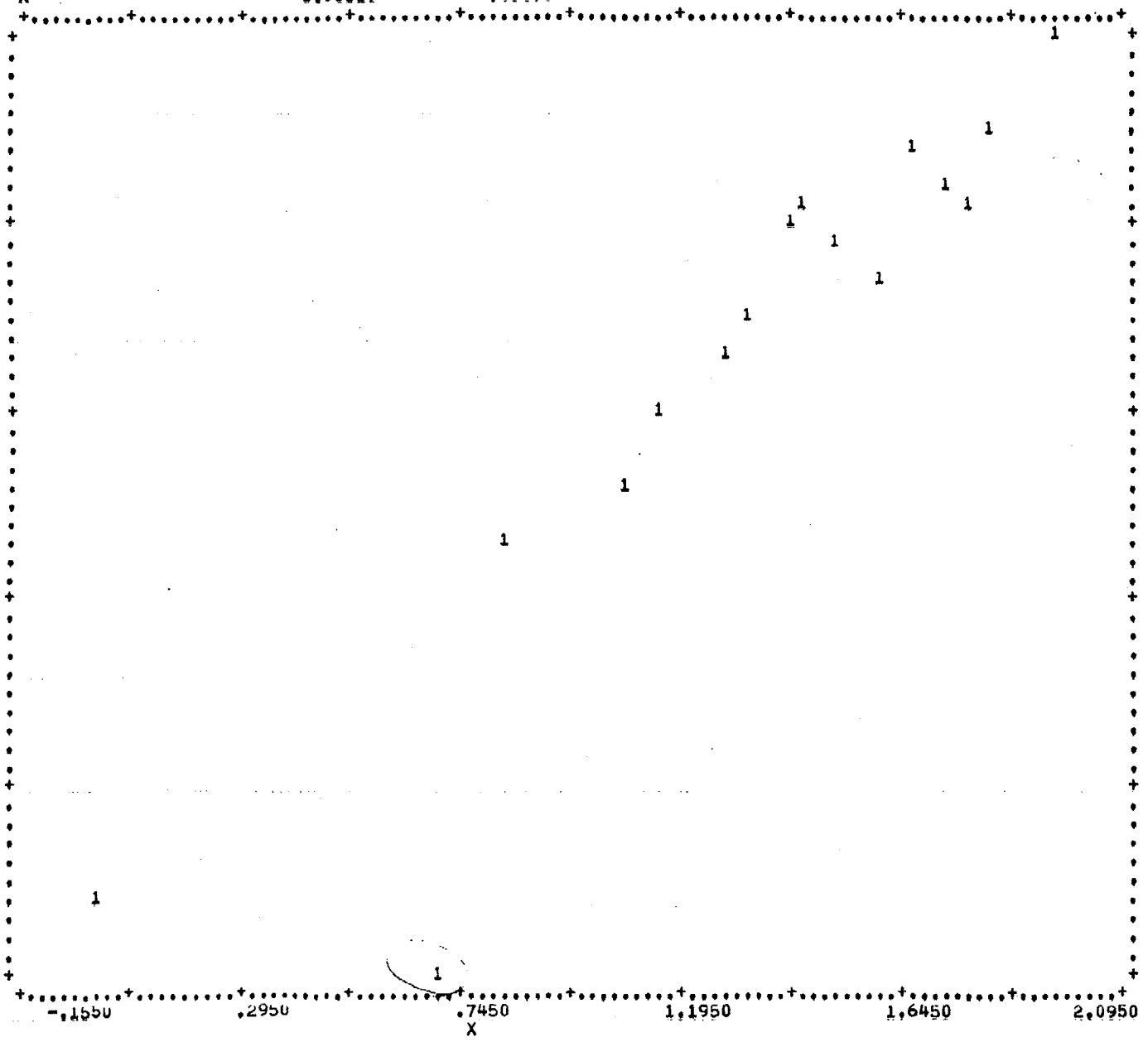


DUP050310834

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9293

VARIABLE	MEAN	STD DEV
A813	-.06456	.06333
X	1.33310	.50070

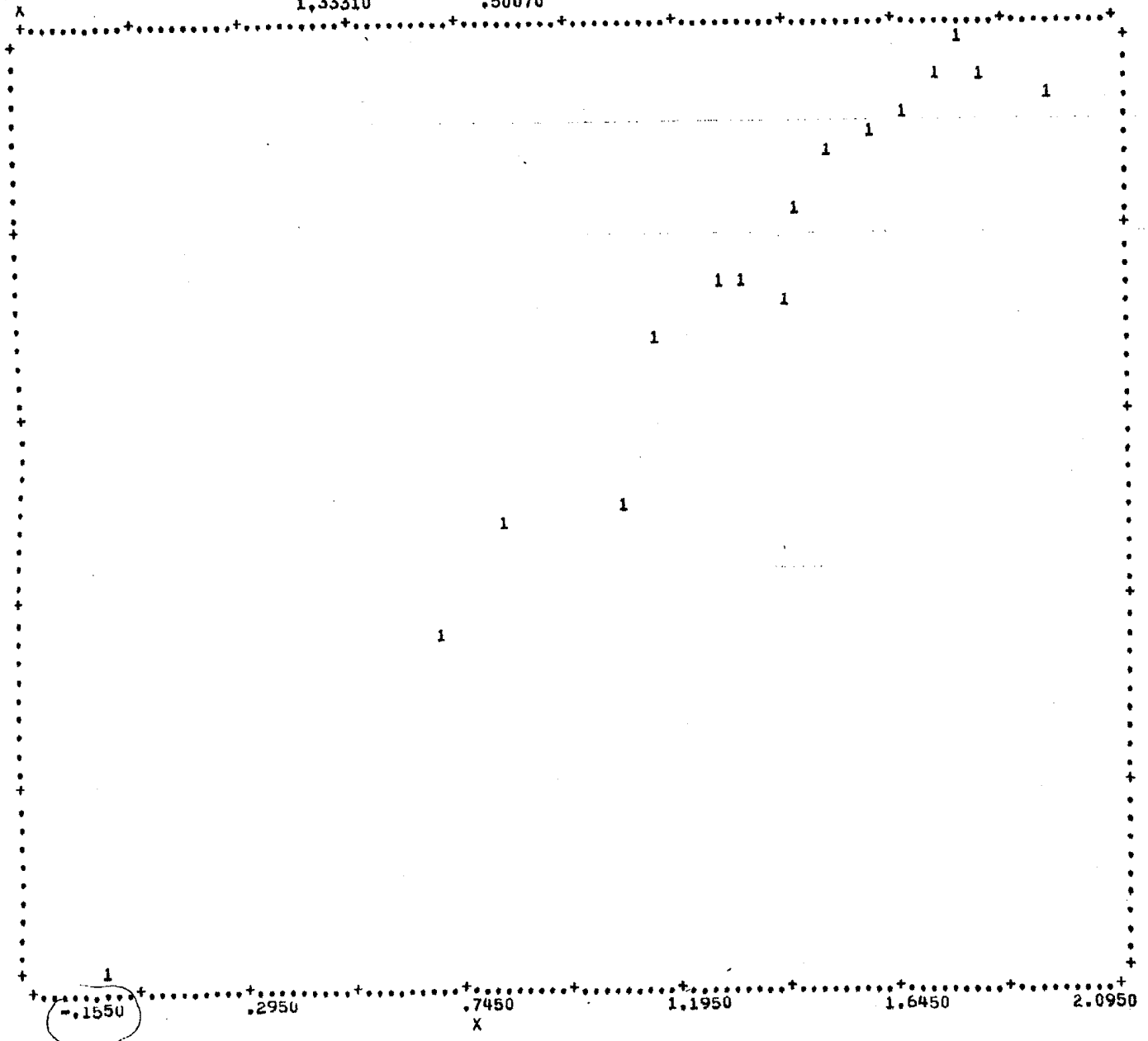


DUP050310835

HEMOGLOBIN MALE DOGS

NPTS= 16 NOUT= 0 NMISS= 0 R= .9823

VARIABLE	MEAN	STD DEV
A812	-.02647	.06120
X	1.33310	.50070

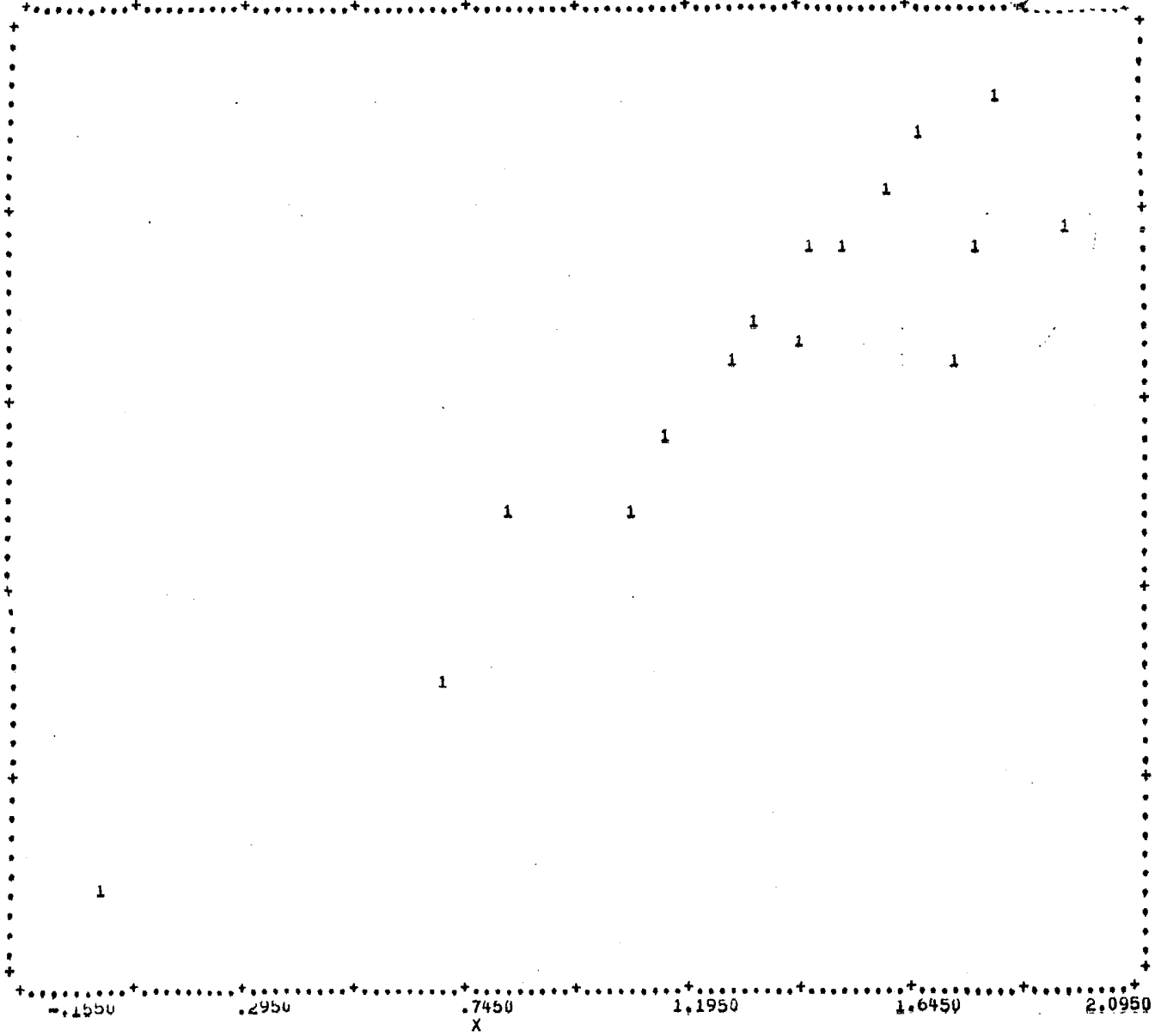


DUP050310836

HEMOGLOBIN MALE DOGS

NPTS= 10 NOUT= 0 NMISS= 0 R= .9384

VARIABLE	MEAN	STD DEV
A809	-.02195	.06624
X	1.33310	.50070



DUP05031083?