```
                     Plot of detection*count.  Legend: A = 1 obs, B = 2 obs, etc.

detection |
   39600 +                                                                                      N
          |                                                                                      Y
          |
          |                                                                                      C
   36300 +                                                                                      A
          |                                                                                      A
          |                                                                                      C
          |                                                                                      D
   33000 +                                                                                      B
          |                                                                                      C
          |
   29700 +
          |
          |
   26400 +
          |
          |
          |                                                          A
   23100 +                                                          B
          |                                                        ADB
          |
          |                                                                                    C
   19800 +                                       AXZZ                          A            C
          |                                       AFZZCJ                                  B    K
          |                                       ABQO  EC        A
          |                                       DFFHFC AFB                                    B
   16500 +                                     DCIBCJE BB   AB
          |                                     ITICACFK A ABBDS                  B
          |                                     HNUA BBAJDA BAA  CB
          |                                     DGBJFAJHKGAA    BD A                             B
   13200 +                                   FZIGBBBBB  A  BA A A DG
          |                                   QYZH ABACFOSA      A   A EG
          |                                   KQDAJHHA ABZZVKA   A   BB  LQ
          |                                 AEGAAB A ACAJDKC  A  A AA    BI          A            A
    9900 +                                 ZZB H GDBAA JZ PR  HA          IC
          |                                 BKZDA  BDEBPZYZZR  C HD        JB
          |                               GKEA    CBABFB     BD AA    BA        HD         A
          |                             BGOCAAAIAGNJ H ICAIJFB BLFA              EO                 B
    6600 +                             XQKZBBCFH  A  B EHHHBB    A        A    V
          |                             KZG BB BEGD  FJAEBPPDPB  ND   M  H               Z
          |                           HKZ BDKDGHBFQVFZOHS HI CA      BDBAX   CABCCBBZ              B
          |                           DYXIKJDD DCFABZOGKZ JHABB  AC    LK          AV             A
    3300 +                           JZZGCOA AA BJXHZZZXHCC      IC A C      A      BCL            A
          |                           DZZZMFWHIJ HJVLVZZZIAEFCBBKC A BAB    GAHB        A CB
          |                         LZZZKDK P KE  IIA B B  DBBD A      AH              CU
          |                         QZZZZZNMKZUGC ABBAEBBDDC CBA I  A  D      B A    A     O      B
       0 +ZZZZZIYPAB AKACA  AMZDZRBAA AAR    EACPPH H   AAB     BA  BH      A                    AAC
          --+---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+
            0       3320      6640      9960     13280     16600     19920     23240     26560     29880     33200     36520     39840

                                                                  count
```

NOTE: 3249 obs hidden.

The REG Procedure
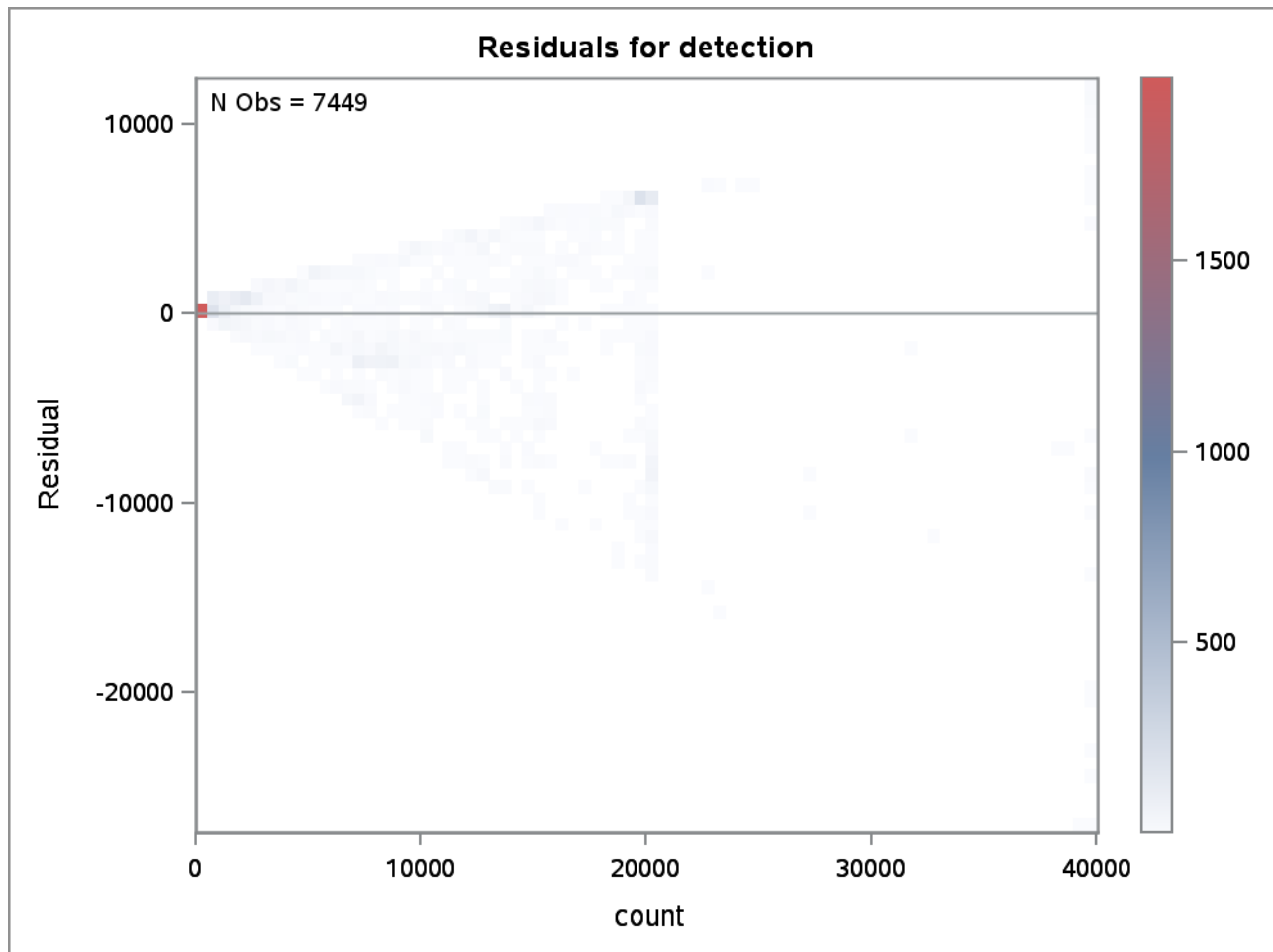## Model: MODEL1
Dependent Variable: detection

Number of Observations Read	7449
Number of Observations Used	7449

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	2.23553E11	2.23553E11	18625.9	<.0001
Error	7447	89380671846	12002239		
Corrected Total	7448	3.129337E11			

Root MSE	3464.42473	R-Square	0.7144
Dependent Mean	5079.16942	Adj R-Sq	0.7143
Coeff Var	68.20849		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	-320.68432	56.36247	-5.69	<.0001
count	1	0.69801	0.00511	136.48	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: detection

The REG Procedure
Model: MODEL1
Dependent Variable: detection

Fit Plot for detection

Observations	7449
Parameters	2
Error DF	7447
MSE	1.2E7
R-Square	0.7144
Adj R-Square	0.7143
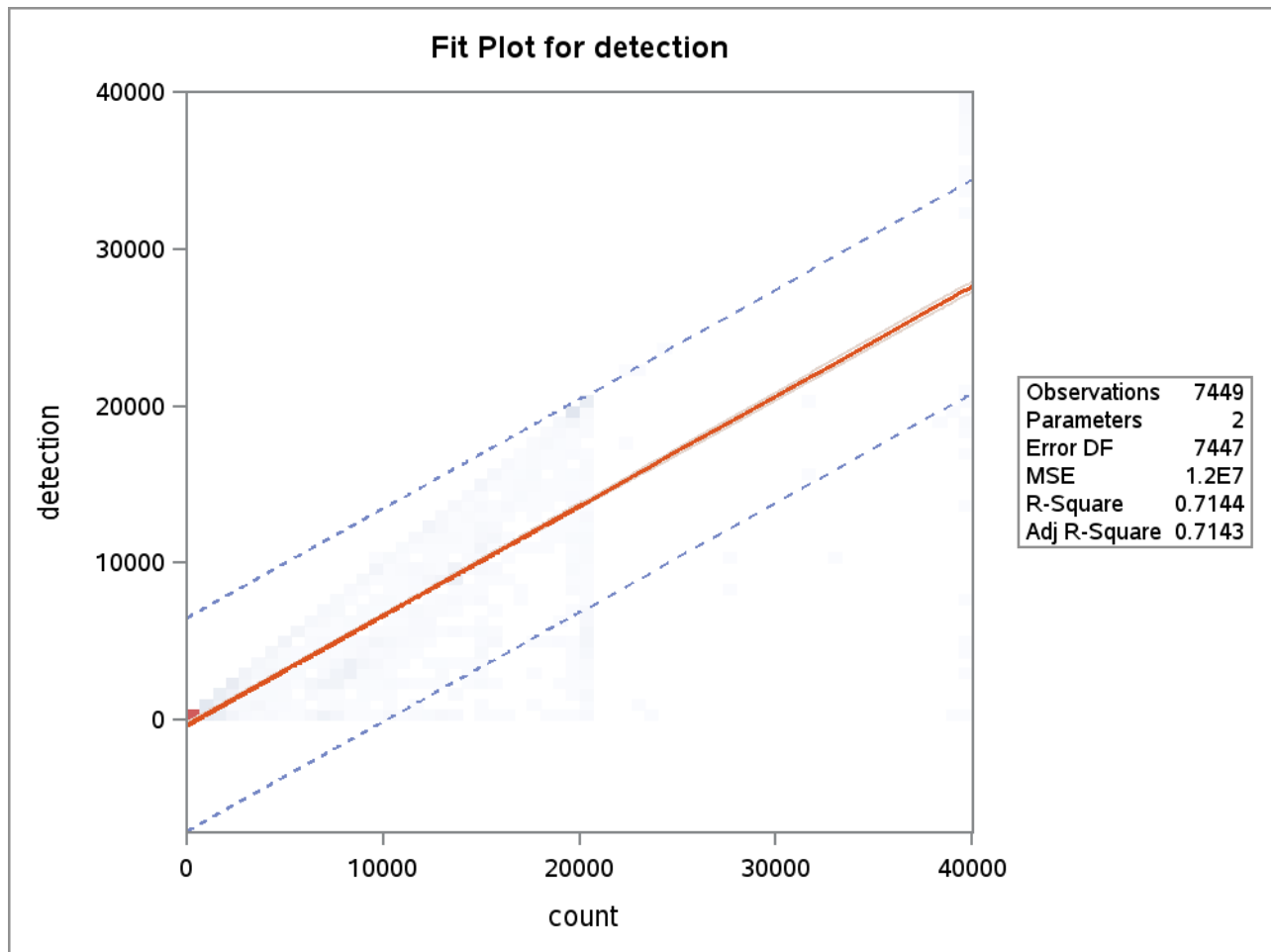
The CORR Procedure

2 Variables:	count detection

Simple Statistics						
Variable	**N**	**Mean**	**Std Dev**	**Sum**	**Minimum**	**Maximum**
count	7449	7736	7849	57626094	0	40000
detection	7449	5079	6482	37834733	0	39996

Pearson Correlation Coefficients, N = 7449 Prob > |r| under H0: Rho=0		
	count	**detection**
count	1.00000	0.84521 <.0001
detection	0.84521 <.0001	1.00000