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

     detection |
        39600 +                                                                                         Z
              |
              |
              |
        36300 +
              |                                                                             A
              |                                                                             A      D
              |                                                                    A              D
        33000 +                                                           D   AA       D
              |                                                               A
              |                                                             C A
              |                                                           A                           A
        29700 +                                                   A   A                               B
              |                                                               D                       A
              |                                           D           D
              |                                       P
        26400 +                                               D
              |                                   DD      C                                           D
              |                                 AK     CD
              |
        23100 +
              |                           OL
              |                         D  D
              |                        DD
              |                       D
        19800 +                     Y  C    C              D                                          E
              |                  FF  I    C                                                           C
              |                 AFH    A             D
              |                ZZA  A   A                          D                                  A
        16500 +               CHD                              D
              |              AB           B          D
              |              EBB     A    B      HD D DD                                              B
              |             BCA C          B
        13200 +            AA            C    D                                                       A
              |           BA       D     A                                                           A
              |         AD      D    A    D B
              |        BD DC   D D D   E
         9900 +        ZA           H
              |        CJA          QN    D G D                                                       B
              |      EEA CND  D     ZJ      K                                                         C
              |        G       D    LZ  B                                              A              B
         6600 +      AA    D   D     DJ   A  C
              |    OTB   D IDHLL     DA            A
              |    A     D           H      B
              |    OR    DAD     D   Q      B
         3300 +    A     DD          HL     B                                                         B
              |  NL H     D    A     I                                                                E
              | AEZA  A  A           L
              | PLZDHD         A    D   H   LQ   D X                                                  L
            0 + ZZ   D AAHFFICAE  AFFXSRLIEDGNIKE HDDDD H  DZZ   D  IZI D D  H                  H      Z
              ---+-----------+-----------+-----------+-----------+-----------+-----------+-----------+--
               0          5000       10000       15000       20000       25000       30000       35000       40000

                                                                count
```
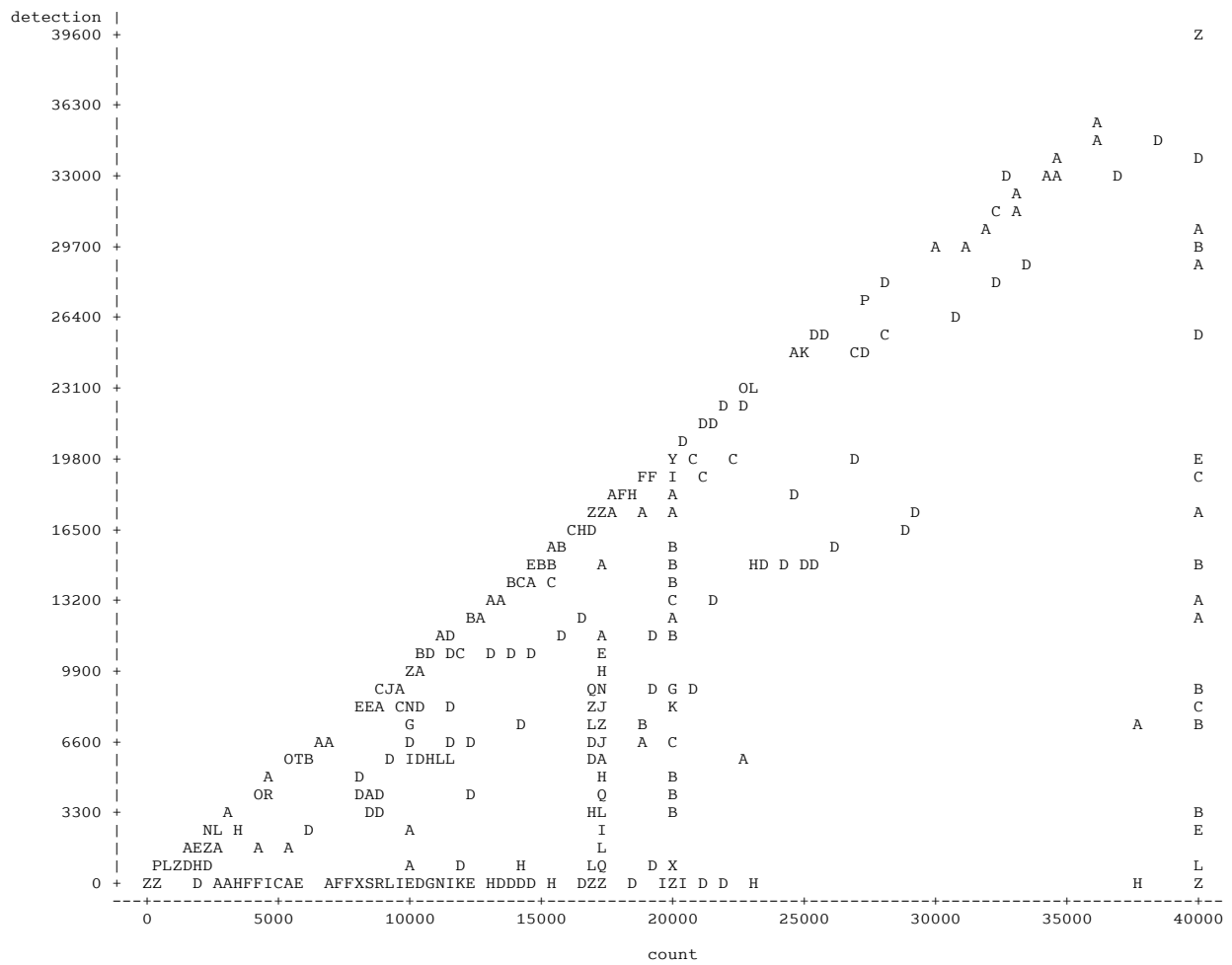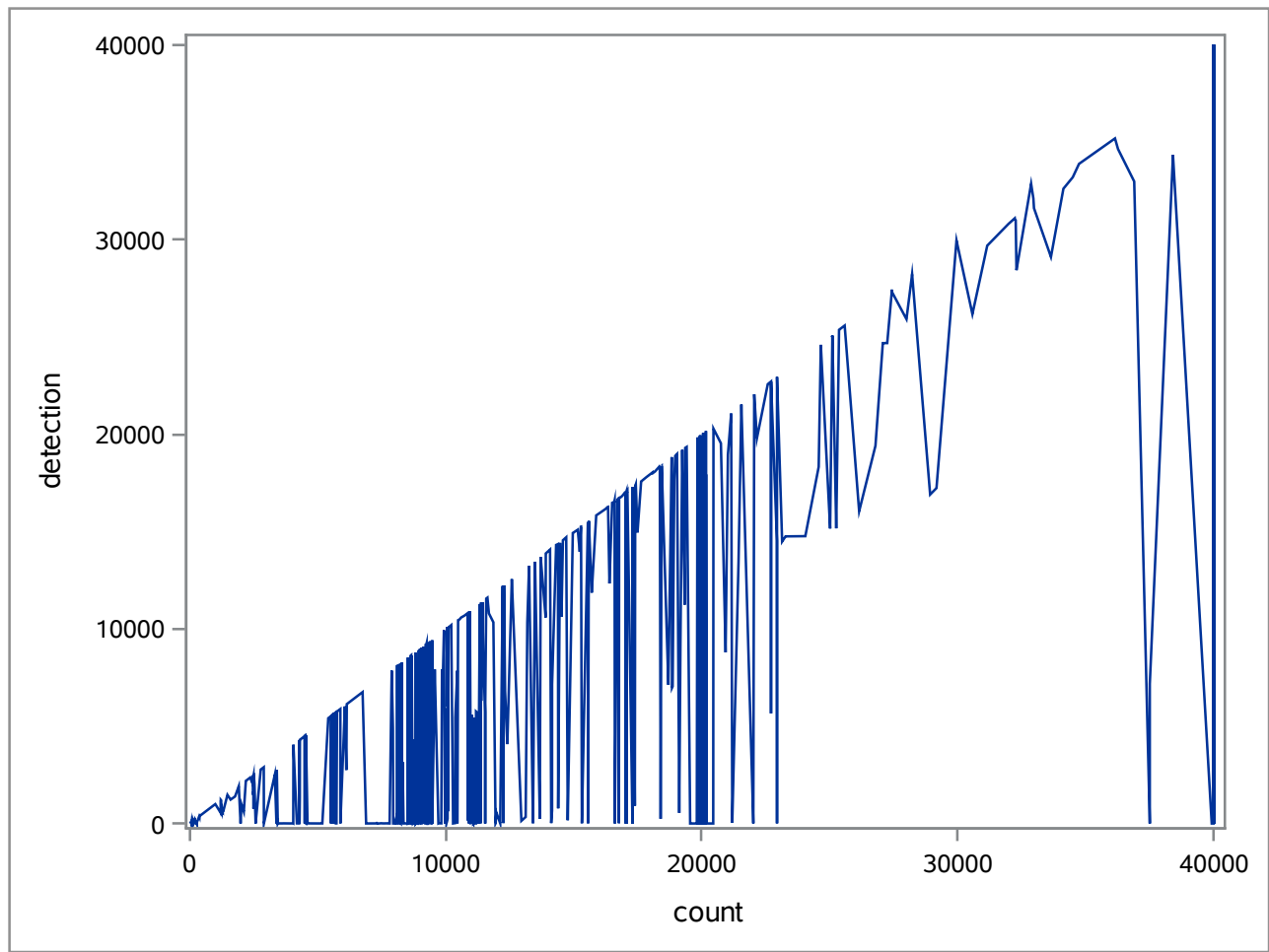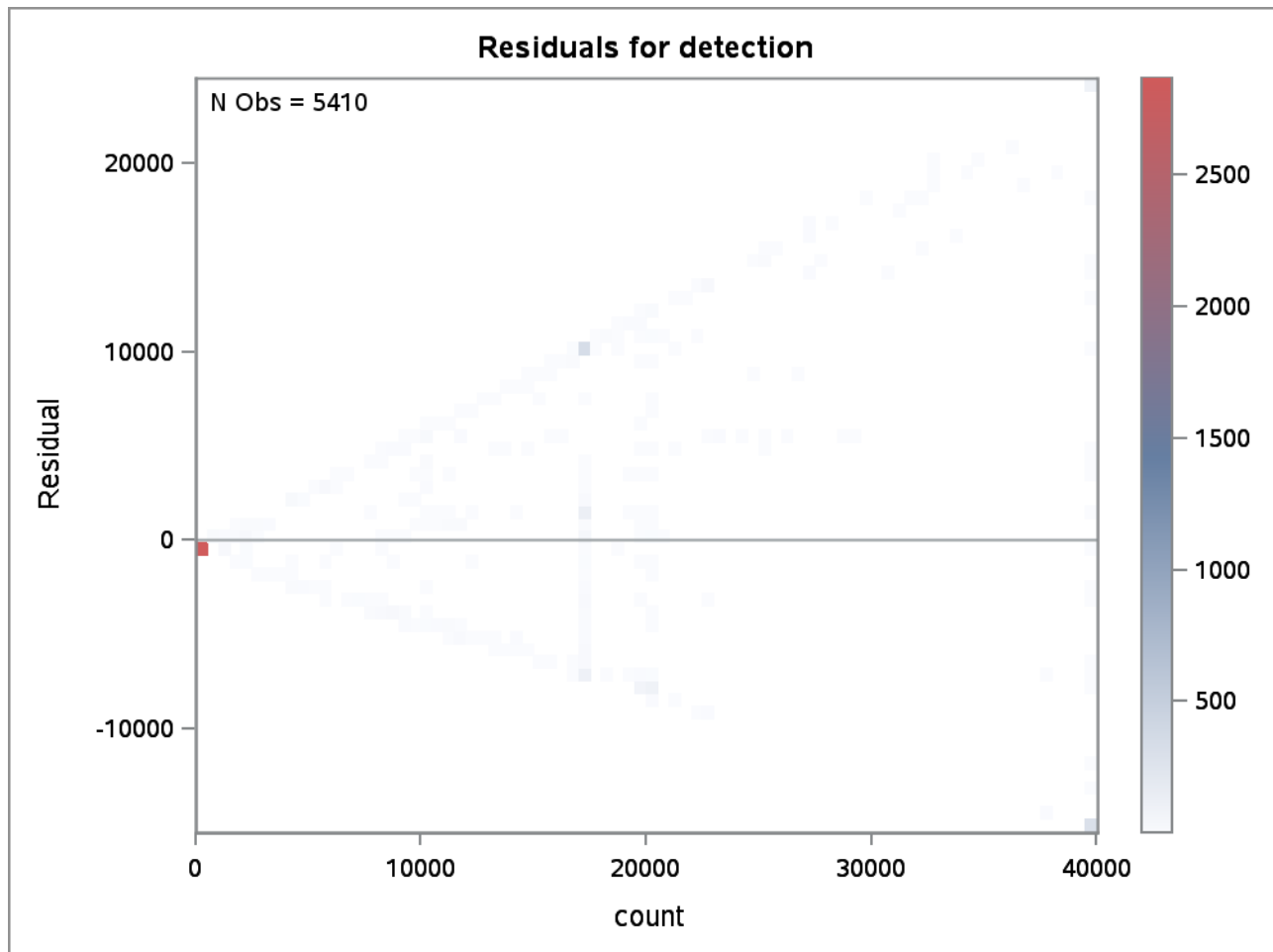
NOTE: 3791 obs hidden.

The REG Procedure
Model: MODEL1
Dependent Variable: detection

Number of Observations Read	5410
Number of Observations Used	5410

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1.160982E11	1.160982E11	2424.17	<.0001
Error	5408	2.589992E11	47891872		
Corrected Total	5409	3.750974E11			

Root MSE	6920.39539	R-Square	0.3095
Dependent Mean	4118.84196	Adj R-Sq	0.3094
Coeff Var	168.01799		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	672.03744	117.27448	5.73	<.0001
count	1	0.37016	0.00752	49.24	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: detection

Residuals for detection

The REG Procedure
Model: MODEL1
Dependent Variable: detection

Fit Plot for detection

Observations	5410
Parameters	2
Error DF	5408
MSE	4.79E7
R-Square	0.3095
Adj R-Square	0.3094
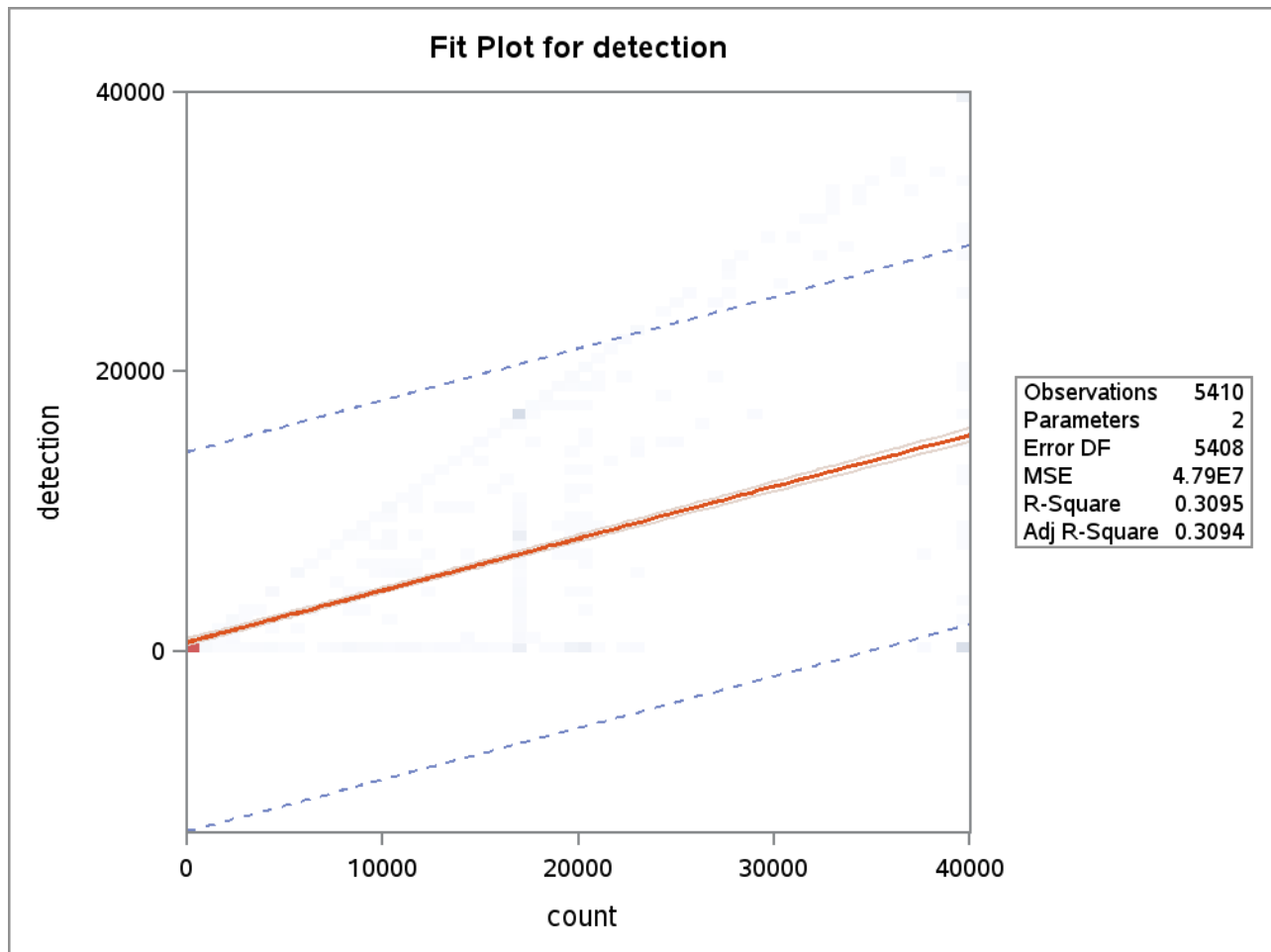
The CORR Procedure

2 Variables:	count detection

Simple Statistics

Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
count	5410	9312	12516	50376194	0	40000
detection	5410	4119	8327	22282935	0	40000

Pearson Correlation Coefficients, N = 5410
Prob > |r| under H0: Rho=0

	count	detection
count	1.00000	0.55634 <.0001
detection	0.55634 <.0001	1.00000