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

        detection |
            40000 +                                                                                      Z
                  |                                                                                 B
                  |                                                                                 N   B
                  |                                                                                    AV
                  |                                                                           B
                  |                                                                              A     A
            35000 +                                                                   B                F
                  |                                                                 G
                  |
                  |
                  |                                                          A
                  |
            30000 +                                                      A                             B
                  |
                  |
                  |
                  |
            25000 +
                  |
                  |                                                                                  Z
                  |                                                                                  F
            20000 +                                           SZZ                                B  ADZ
                  |                                           FCBTB                          A    BBB E
                  |                                          DA   A                              BA  A  A  B
                  |                                          BZ  A  C                      A     BBB
                  |                                        AA A                            A
                  |                                        BBAB         BA             BA  A
            15000 +                                        GA      E    V             B  A               B
                  |                                      A        A            A                         B
                  |                                 AA A          A    A     AC CA                       B
                  |                                  B                 B
                  |                                 BA                IEG
            10000 +                               ECCB          DA   CEAB                                B
                  |                              AAA A          A    A
                  |                             DDA     A     C
                  |                             AA      A     AE      A
                  |                          A                       C                                  A
                  |                          CCCB                    AFA
             5000 +                          A                                             A     A  B B
                  |              CZ                                             A                A
                  |              DDF     AGAC                                                    A
                  |            F   A C                     A                 CB
                  |        ZN   AB                          A                F                          F
                  |        DBC                     A                         CA                A
                  |      YMKABH  AA C         C   C          A      A        HC                         A
                0 +  ZMZZ   DC BCEAE          C   B         AC      E        AVE             A     A     M
                  ---+-----------+-----------+-----------+-----------+-----------+-----------+-----------+-----------+--
                     0          5000       10000       15000       20000       25000       30000       35000       40000

                                                            count
```
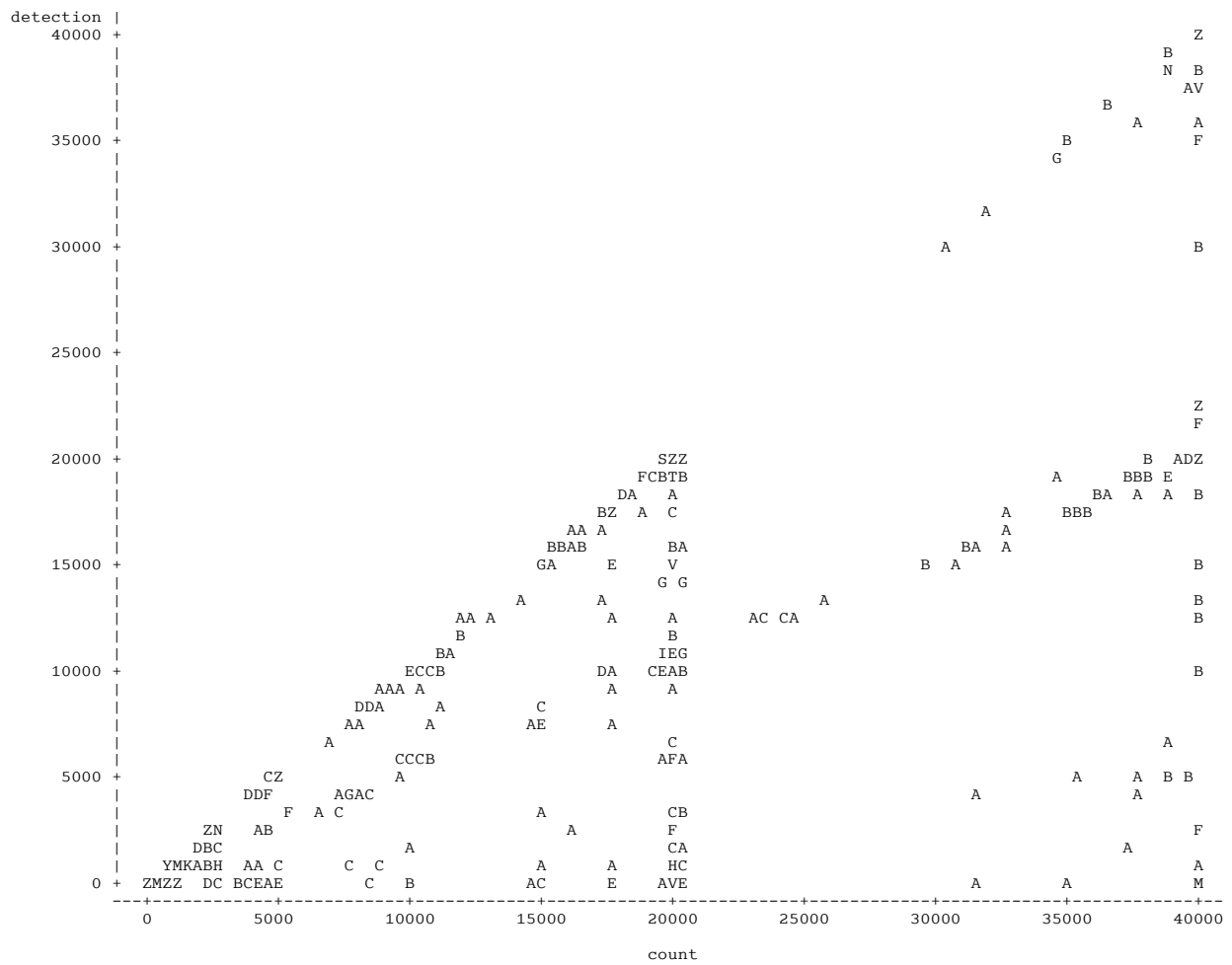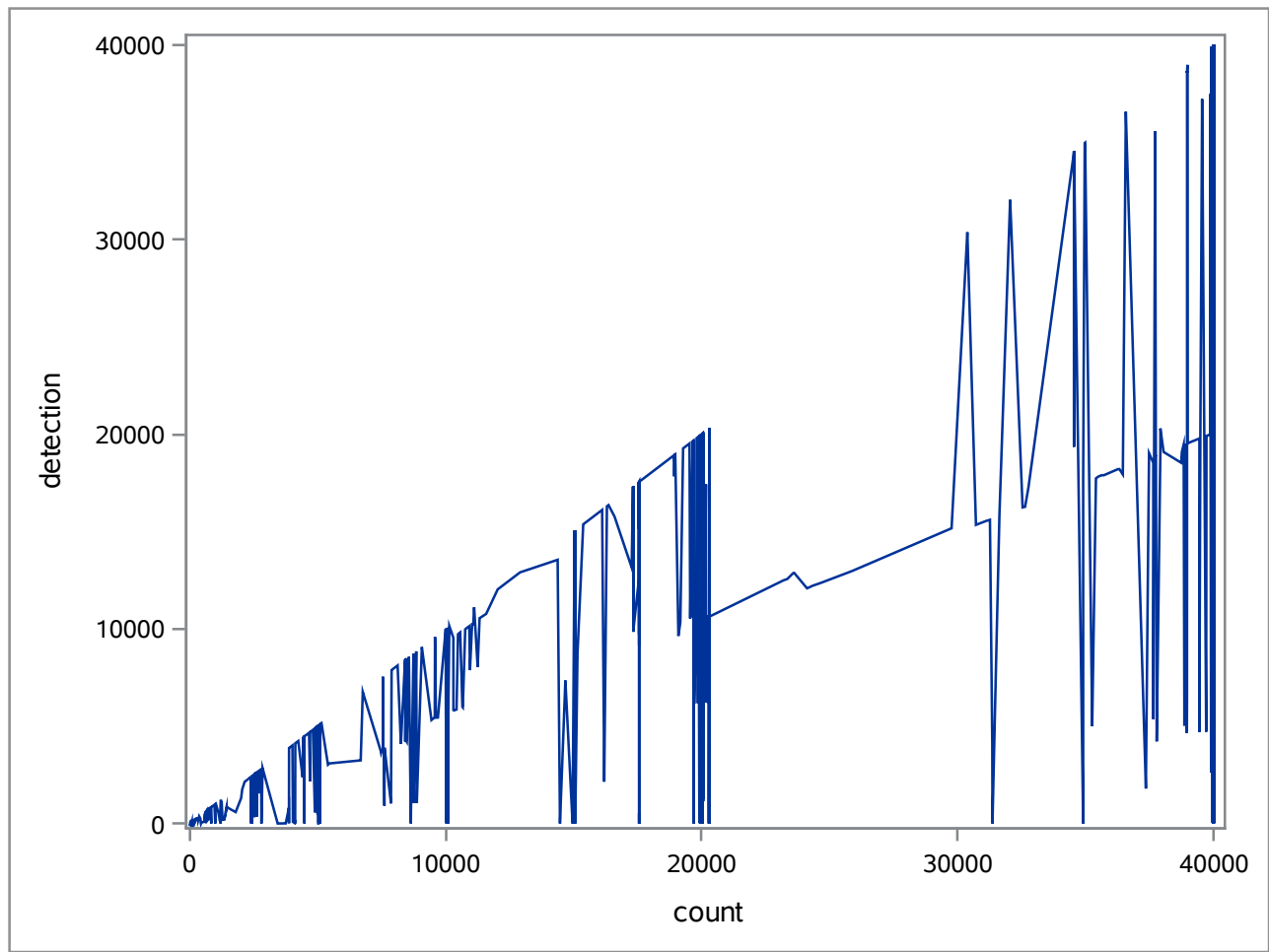
NOTE: 761 obs hidden.

The REG Procedure
Model: MODEL1
Dependent Variable: detection

Number of Observations Read	1695
Number of Observations Used	1695

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1.580584E11	1.580584E11	4106.00	<.0001
Error	1693	65171245026	38494533		
Corrected Total	1694	2.232297E11			

Root MSE	6204.39630	R-Square	0.7081
Dependent Mean	8651.20649	Adj R-Sq	0.7079
Coeff Var	71.71712		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	260.32530	199.64461	1.30	0.1924
count	1	0.65655	0.01025	64.08	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: detection

Fit Diagnostics for detection

Observations	1695
Parameters	2
Error DF	1693
MSE	3.85E7
R-Square	0.7081
Adj R-Square	0.7079

The REG Procedure
Model: MODEL1
Dependent Variable: detection
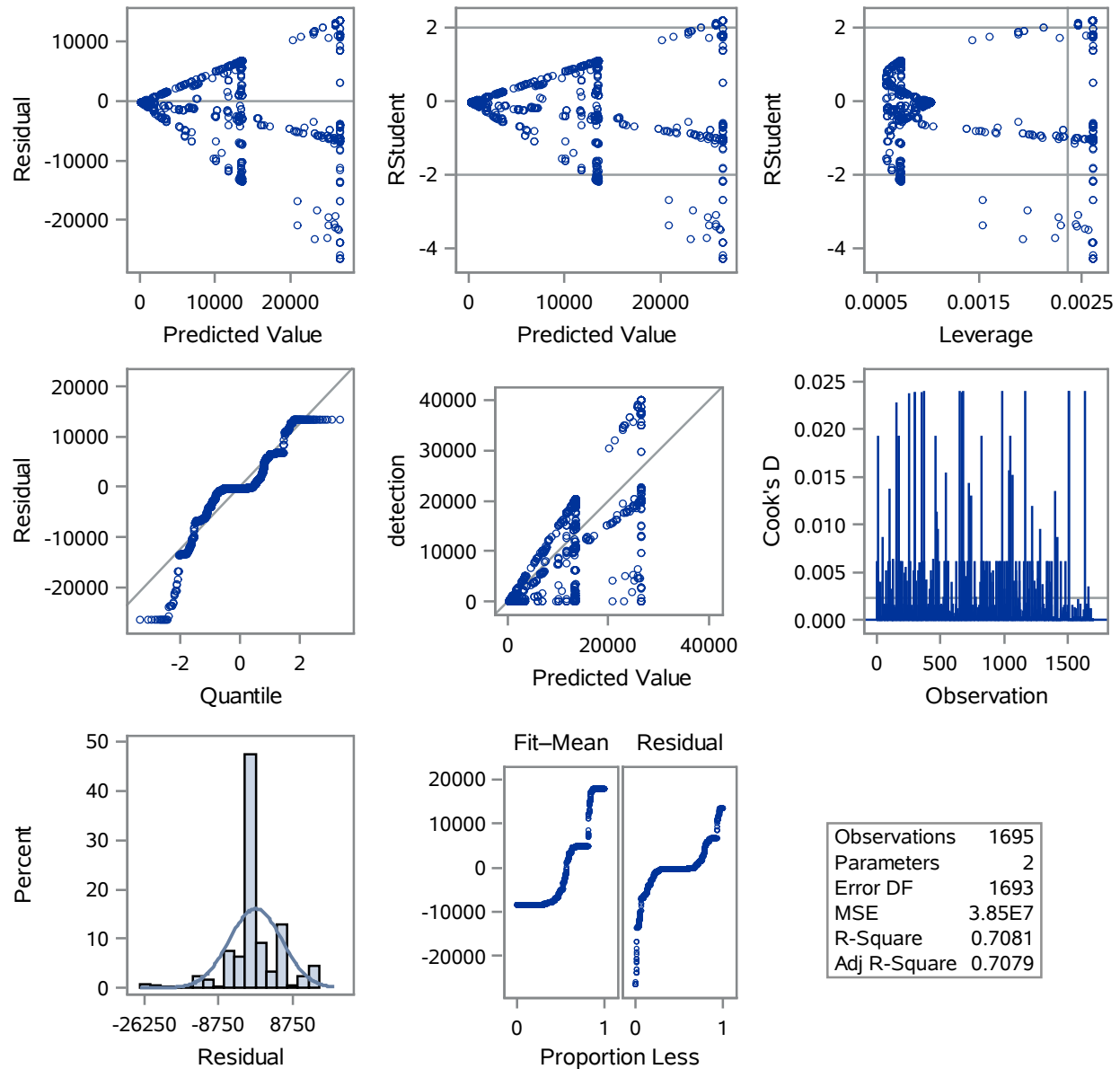
Residuals for detection

The REG Procedure
Model: MODEL1
Dependent Variable: detection

Fit Plot for detection

Observations	1695
Parameters	2
Error DF	1693
MSE	3.85E7
R-Square	0.7081
Adj R-Square	0.7079
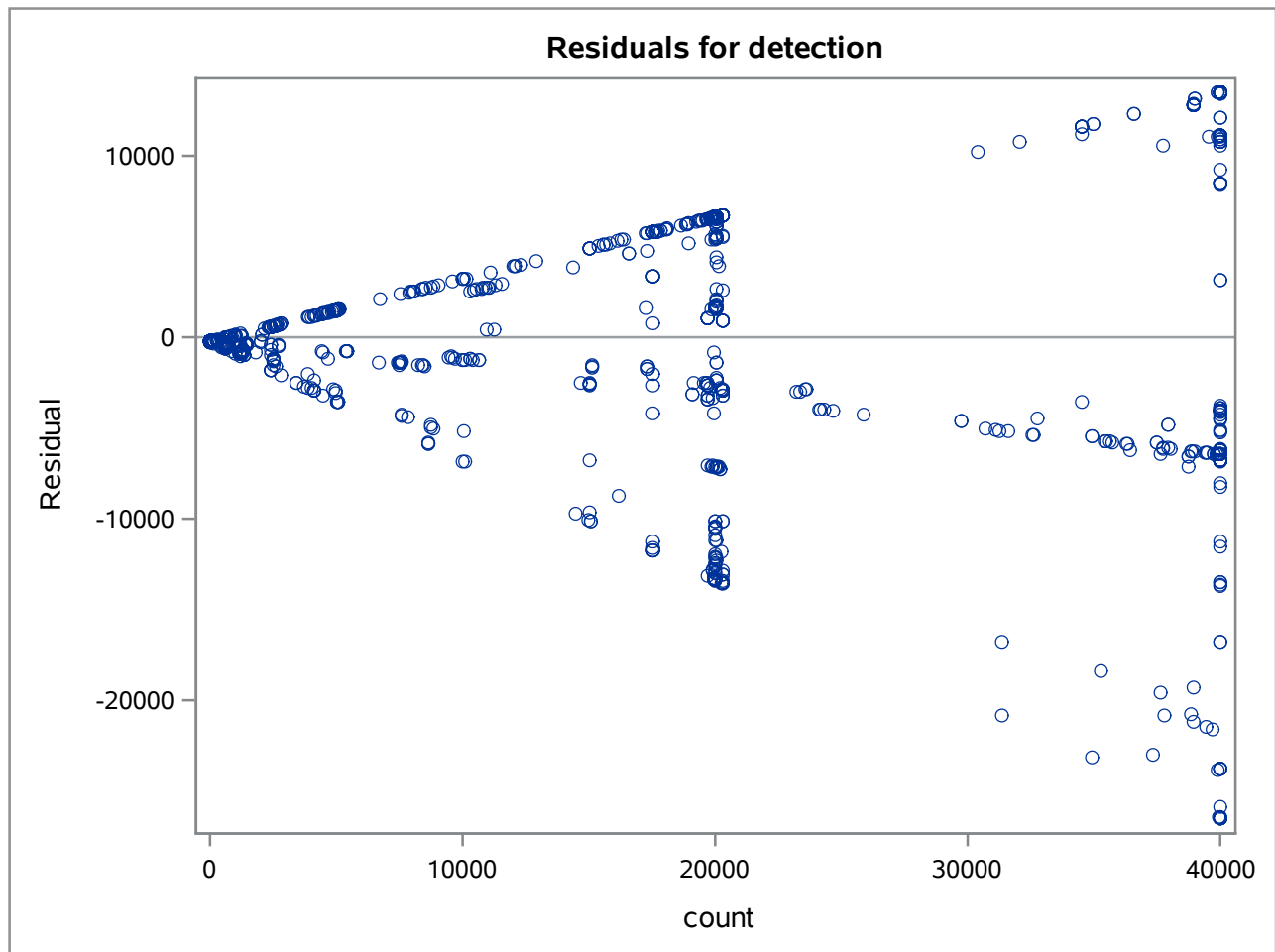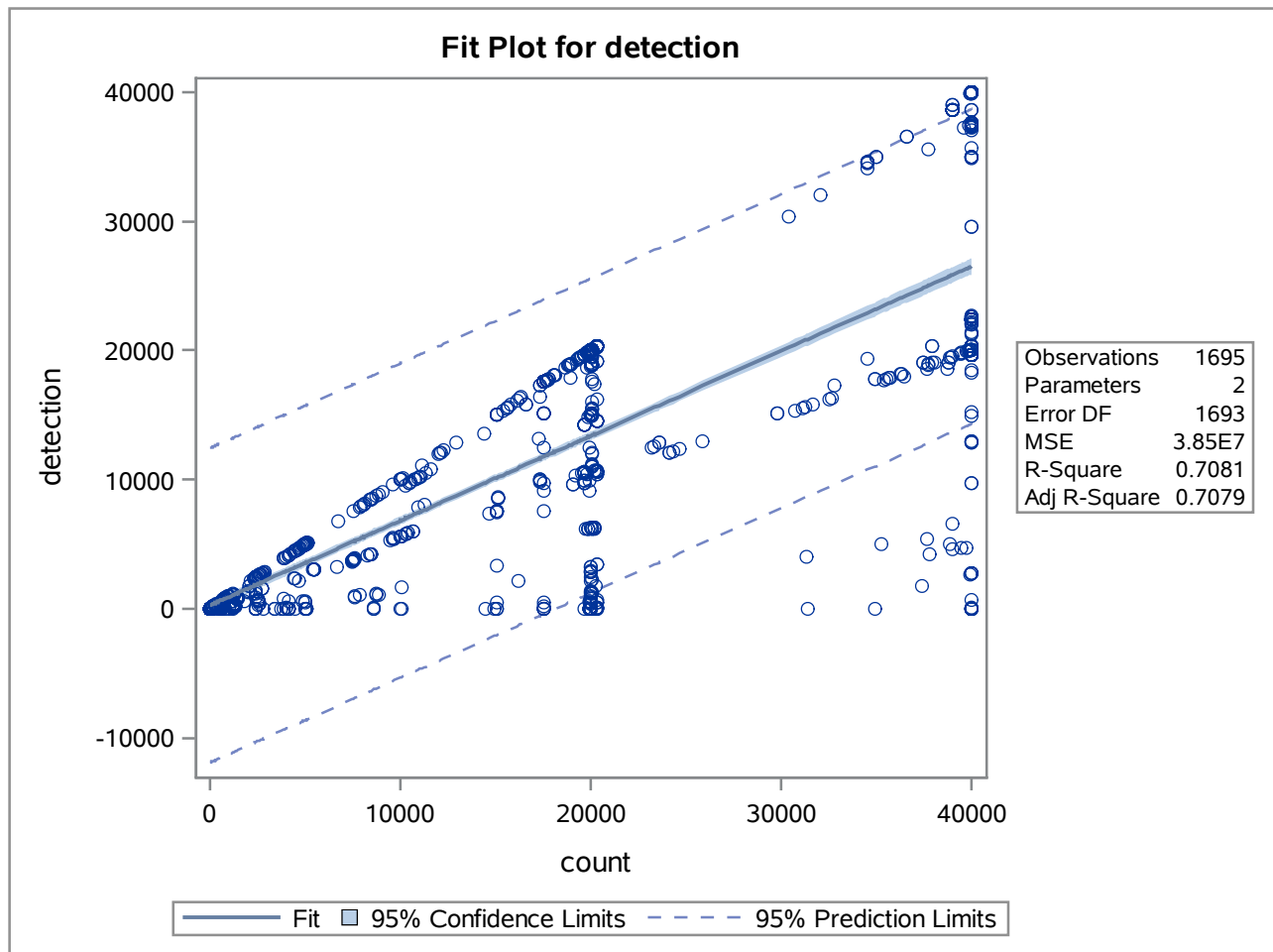
The CORR Procedure

2 Variables:	count detection

Simple Statistics						
Variable	**N**	**Mean**	**Std Dev**	**Sum**	**Minimum**	**Maximum**
count	1695	12780	14712	21662480	0	40000
detection	1695	8651	11479	14663795	0	40000

Pearson Correlation Coefficients, N = 1695 Prob > |r| under H0: Rho=0		
	count	**detection**
count	1.00000	0.84146 <.0001
detection	0.84146 <.0001	1.00000