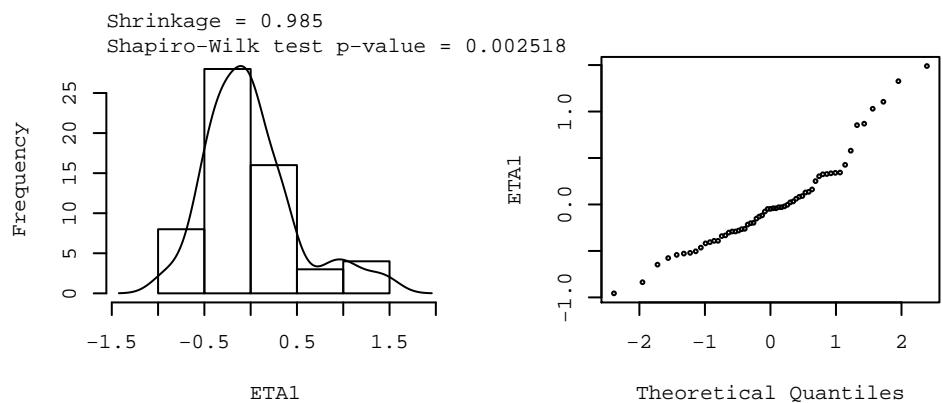


Normality and Population Shrinkage of Etas

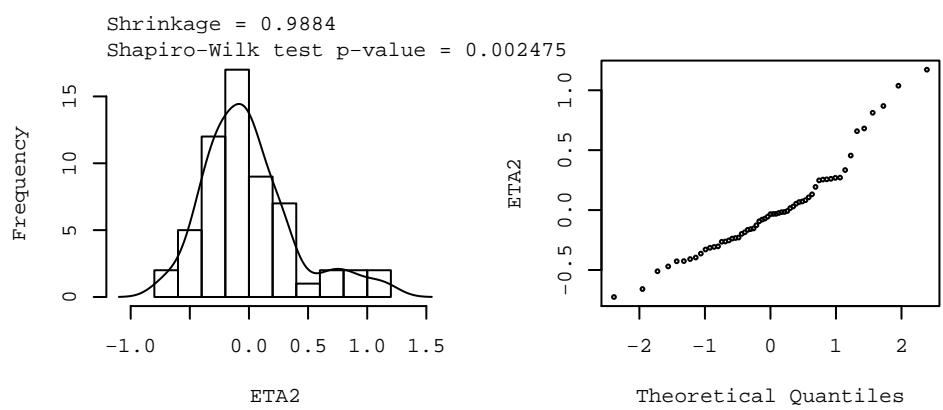
Eta 1

Minimum : -0.956279
 1st Qu. : -0.3173015
 Median : -0.0470989
 Mean : -0.0046537528813
 3rd Qu. : 0.2066035
 Maximum : 1.48947
 Std Dev : 0.4962
 t-test p= 0.9428

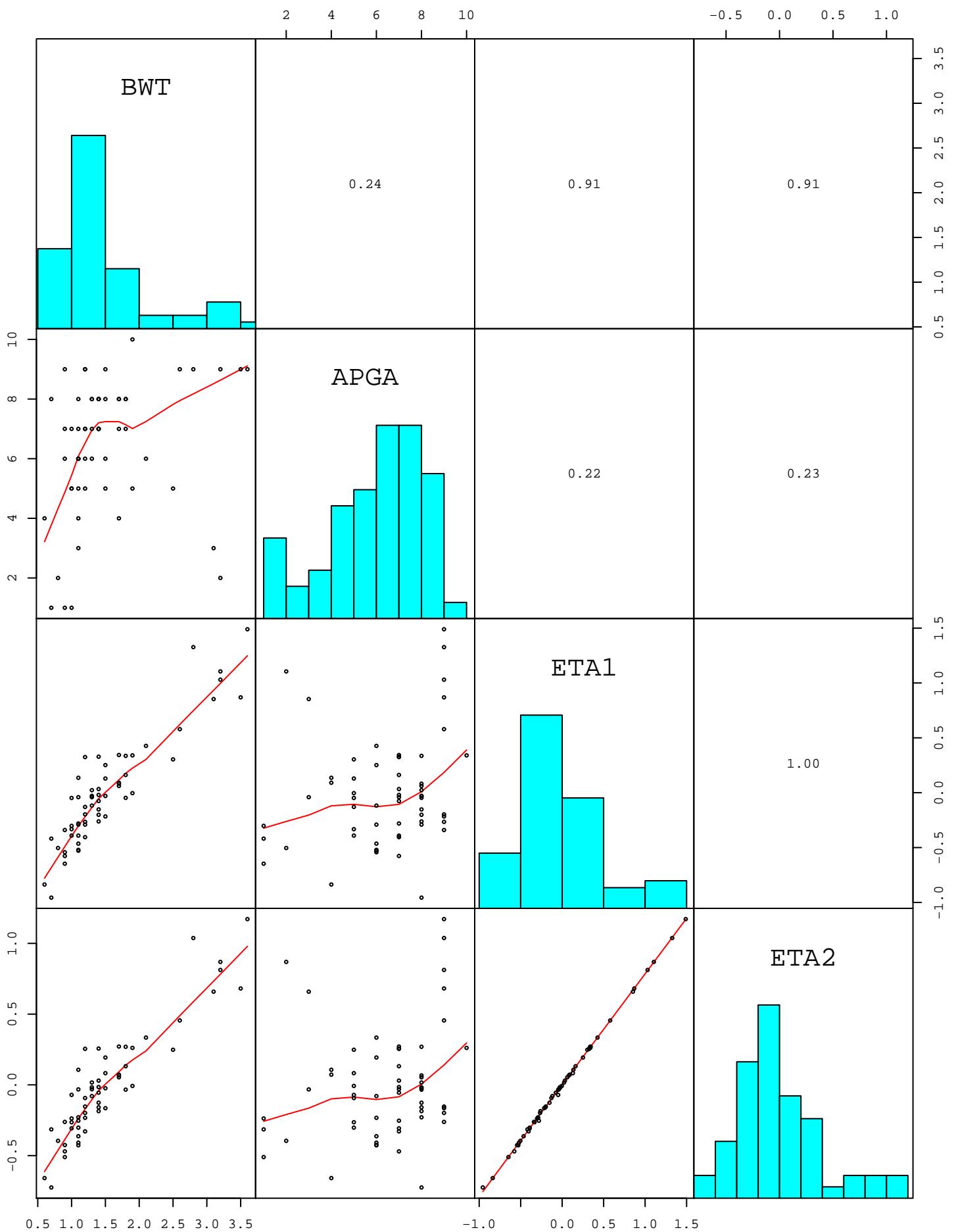


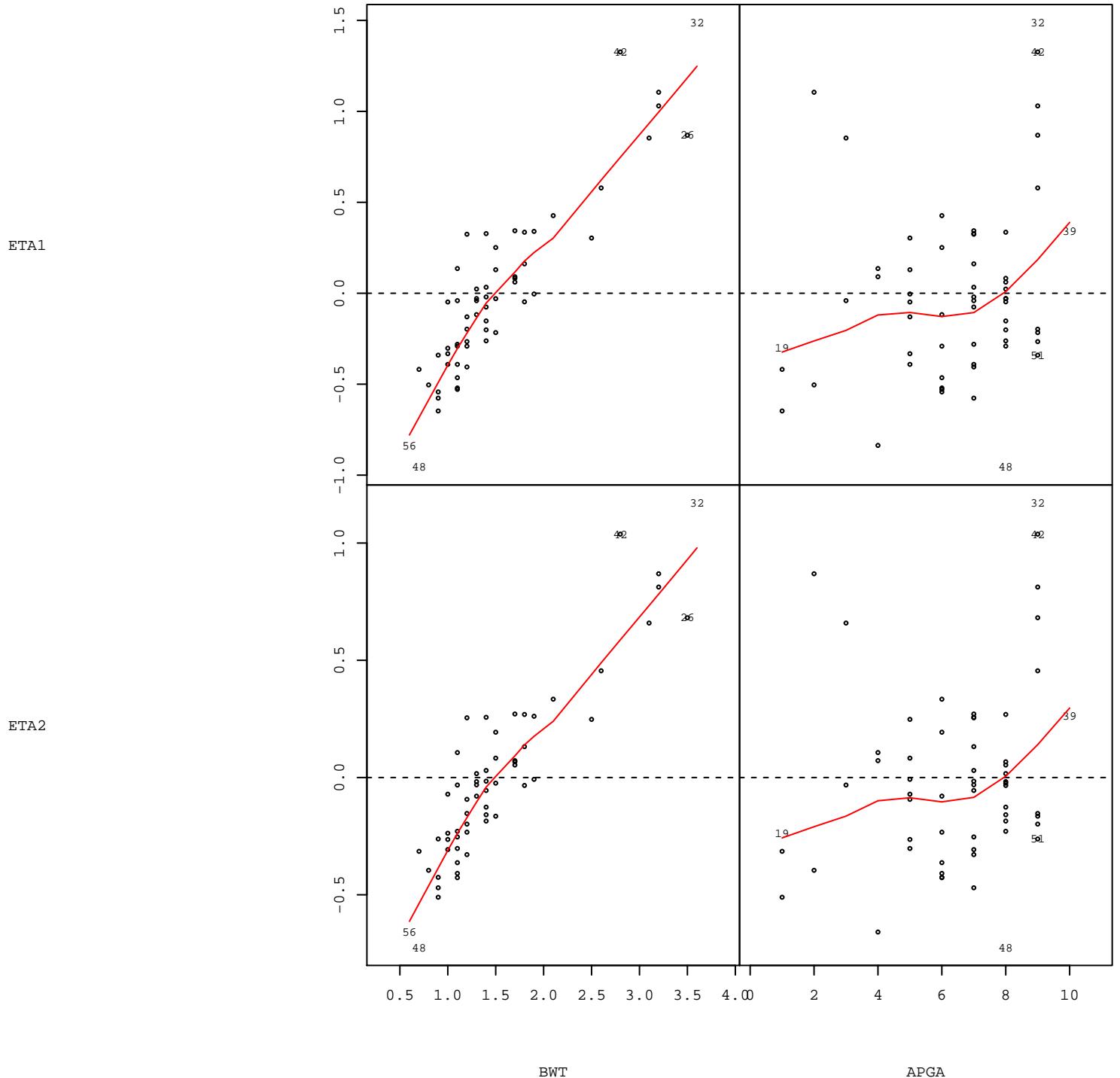
Eta 2

Minimum : -0.725325
 1st Qu. : -0.2576555
 Median : -0.0337916
 Mean : -0.0039027747451
 3rd Qu. : 0.162504
 Maximum : 1.17167
 Std Dev : 0.3892
 t-test p= 0.9389



Covariate vs ETA of 2005





Estimation vs EBE

\$`Correlation of Covariates and EBE`

	BWT	APGA	ETA1	ETA2
BWT	1.0000000	0.2445790	0.9118075	0.9131329
APGA	0.2445790	1.0000000	0.2244592	0.2273460
ETA1	0.9118075	0.2244592	1.0000000	0.9996949
ETA2	0.9131329	0.2273460	0.9996949	1.0000000

\$`Covariance of EBE`

	ETA1	ETA2
ETA1	0.2462456	0.1930863
ETA2	0.1930863	0.1514955

\$`Omega Matrix`

	Eta 1	Eta 2
Eta 1	0.2538127	0.1965732
Eta 2	0.1965732	0.1550654

\$`Ratios of Cov(EBE)/OM`

	ETA1	ETA2
ETA1	0.9701860	0.9822618
ETA2	0.9822618	0.9769777

\$`Correlation of EBE`

	ETA1	ETA2
ETA1	1.0000000	0.9996949
ETA2	0.9996949	1.0000000

\$`Correlation from Omega Matrix`

	Eta 1	Eta 2
Eta 1	1.0000000	0.9908549
Eta 2	0.9908549	1.0000000

\$`Ratios of Cor(EBE)/(Cor from OM)`

	ETA1	ETA2
ETA1	1.000000	1.008922
ETA2	1.008922	1.000000

Multiple Linear Regression : ETA 1

Residuals:

Min	1Q	Median	3Q	Max
-0.4223	-0.1439	-0.0101	0.1131	0.5379

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	-0.9860643	0.0923394	-10.679	4.01e-15 ***
BWT	0.6419286	0.0398564	16.106	< 2e-16 ***
APGA	0.0003421	0.0125496	0.027	0.978

Signif. codes:	0 ****	0.001 **	0.01 *	0.05 .

Residual standard error: 0.2074 on 56 degrees of freedom

Multiple R-squared: 0.8314, Adjusted R-squared: 0.8254

F-statistic: 138.1 on 2 and 56 DF, p-value: < 2.2e-16

Multiple Linear Regression - Influence : ETA 1

\$`Model Estimates`

	Variable	Estimate	SE	T	p-value
1	Intercept	-0.9860642790	0.09233939	-10.67869615	4.011218e-15
2	BWT	0.6419285992	0.03985645	16.10601603	0.000000e+00
3	APGA	0.0003420768	0.01254961	0.02725797	9.783509e-01

\$`Influence Diagnostics with DFBETAs`

	Yhat	Residual	R-Student	hat	Cook's D	COV-Ratio	DFFITS
1	-0.08496970	0.009107602	0.04395013	0.01915782	1.280431e-05	1.0760467	0.006142338
2	-0.02009269	-0.196140311	-0.9561574	0.04165458	1.352548e-02	1.0472523	-0.201314328
3	-0.02111892	0.272627919	1.33566993	0.01756933	1.048799e-02	0.9763014	0.178618230
4	-0.40627608	-0.136244921	-0.66395551	0.03054887	4.677181e-03	1.0630381	-0.117861941
5	-0.08496970	0.412893702	2.06849592	0.01915782	2.631629e-02	0.8595467	0.289086757
6	-0.21403958	0.084321576	0.40887271	0.02564910	1.489084e-03	1.0735108	0.066338635
7	-0.34242530	0.010002296	0.04854470	0.03031533	2.500350e-05	1.0884028	0.008583366
8	-0.21335542	-0.191922578	-0.93537585	0.02314463	6.925355e-03	1.0305828	-0.143978000
9	-0.08462763	-0.177135374	-0.86436156	0.02775522	7.141745e-03	1.0426082	-0.146042752
10	-0.08496970	0.064599802	0.31200654	0.01915782	6.441849e-04	1.0704660	0.043605094
11	-0.21335542	0.537938422	2.77760280	0.02314463	5.440704e-02	0.7288160	0.427543320
12	-0.14950464	0.031984639	0.15436040	0.01894049	1.560572e-04	1.0745246	0.021447856
13	-0.27789036	-0.242862641	-1.18942139	0.02326701	1.115091e-02	1.0014075	-0.183576921
14	-0.27754828	-0.002996718	-0.01451343	0.02624629	1.926911e-06	1.0839816	-0.002382756
15	-0.14916256	0.108427262	0.52496721	0.02078181	1.975157e-03	1.0619020	0.076477576
16	-0.21267127	-0.053190731	-0.26096203	0.04994043	1.213452e-03	1.1069116	-0.059831247
17	-0.27823244	-0.112830564	-0.54832625	0.02761280	2.881945e-03	1.0679081	-0.092400561
18	-0.34242530	0.294419996	1.45617844	0.03031533	2.166387e-02	0.9717590	0.257472261
19	-0.34379360	0.041613603	0.21192987	0.11867324	2.050925e-03	1.1947458	0.077767848
20	-0.21369750	-0.077237501	-0.37348749	0.02073433	9.998749e-04	1.0697326	-0.054346406
21	0.17180174	-0.010103737	-0.04877953	0.02005026	1.652254e-05	1.0770004	-0.006977433
22	-0.02043477	-0.009387834	-0.04546836	0.02630109	1.895202e-05	1.0839328	-0.007472809
23	1.00494061	-0.151482609	-0.80522529	0.18214410	4.843812e-02	1.2460330	-0.380002597
24	1.06879139	0.036418608	0.19898334	0.23436476	4.110507e-03	1.3756770	0.110091026
25	-0.53637218	0.117818183	0.60372385	0.12438605	1.745706e-02	1.1818373	0.227545283
26	1.26376451	-0.394821509	-2.13797759	0.15634811	2.654409e-01	0.9846849	-0.920381363
27	0.23531044	-0.239411364	-1.17786986	0.03259070	1.547258e-02	1.0125305	-0.216191692
28	1.07118593	-0.041295930	-0.21050569	0.12030373	2.055078e-03	1.1969995	-0.077846126
29	-0.34174114	-0.049450858	-0.24009490	0.03008678	6.062586e-04	1.0848715	-0.042286757
30	0.17214381	0.163495186	0.79642781	0.02637173	5.764510e-03	1.0474736	0.131074773
31	-0.08462763	-0.116711374	-0.56733625	0.02775522	3.100417e-03	1.0668366	-0.095857279
32	1.32795737	0.161512631	0.85275852	0.16984057	4.983468e-02	1.2223652	0.385714562
33	0.10795095	-0.025897454	-0.12540090	0.02560935	1.402318e-04	1.0823568	-0.020329812
34	0.10658265	-0.015817347	-0.07723640	0.04199795	8.874886e-05	1.1014588	-0.016171597
35	0.62046760	-0.316917603	-1.60461618	0.06735528	6.028817e-02	0.9866218	-0.431219974
36	-0.02146100	0.150748996	0.73287581	0.02419105	4.475424e-03	1.0506293	0.115391905
37	-0.21267127	0.015302269	0.07503272	0.04994043	1.004298e-04	1.1106873	0.017202891
38	-0.14882049	0.172010186	0.83998741	0.02994819	7.299436e-03	1.0473048	0.147591251
39	0.23702083	0.103013172	0.50934445	0.06135312	5.728197e-03	1.1087729	0.130220331
40	-0.27891659	0.238254289	1.18831778	0.05827958	2.891706e-02	1.0387841	0.295617272
41	0.10760888	0.235898123	1.15173035	0.01871889	8.385762e-03	1.0014580	0.159072166
42	0.81441449	0.512155510	2.72216300	0.08258829	1.995234e-01	0.7874694	0.816753886
43	-0.40798646	-0.239184537	-1.23521302	0.11983867	6.860233e-02	1.1047468	-0.455784139
44	-0.08496970	0.118209202	0.57212152	0.01915782	2.157003e-03	1.0571728	0.079957979
45	-0.47183725	-0.032166754	-0.16117228	0.08980383	8.694398e-04	1.1580460	-0.050625609
46	-0.27720621	-0.013449795	-0.06548868	0.03655064	5.521648e-05	1.0953314	-0.012755552
47	0.68602877	-0.107032770	-0.53125919	0.06816358	6.971189e-03	1.1154949	-0.143685462

Multiple Linear Regression - Influence : ETA 1

	Intercept	BWT	APGA
1	0.0010631287	-0.001448320	0.0018093189
2	0.0698087980	0.042433538	-0.1549680206
3	0.0788253906	0.001866877	-0.0329457660
4	-0.0740425003	0.076831228	-0.0025333294
5	0.0500357364	-0.068164635	0.0851548918
6	0.0527040528	-0.017179240	-0.0293535397
7	0.0071155776	-0.003939590	-0.0030299822
8	-0.0388574628	0.067266754	-0.0474833580
9	0.0167719245	0.041584897	-0.0887922250
10	0.0075472603	-0.010281776	0.0128445423
11	0.1153874112	-0.199748931	0.1410020460
12	0.0117812610	-0.005774798	-0.0023449295
13	-0.1115633941	0.090859410	0.0067937431
14	-0.0007296431	0.001328069	-0.0008070706
15	0.0172455443	-0.027510478	0.0241233764
16	0.0120801079	0.026955452	-0.0458387794
17	-0.0755058929	0.033749351	0.0367908768
18	0.2134435112	-0.118174513	-0.0908893245
19	0.0714934532	-0.004674724	-0.0685231694
20	-0.0317591235	0.021239511	0.0039047342
21	0.0005049444	-0.002180194	-0.0010824862
22	0.0012756158	0.001300235	-0.0044506761
23	-0.0453627518	-0.314586807	0.2503938942
24	0.0194400874	0.088083410	-0.0787829579
25	0.2208772261	-0.050561924	-0.1867387035
26	0.5628125659	-0.794633462	-0.1468544311
27	-0.0806909855	-0.111453294	0.1242703242
28	0.0485099909	-0.063678811	-0.0173251628
29	-0.0141789596	0.026699330	-0.0145237570
30	-0.0430501332	0.023764576	0.0665784470
31	0.0110084960	0.027294850	-0.0582800651
32	-0.2343047266	0.337503467	0.0546490643
33	0.0056894733	-0.001298662	-0.0110761444
34	-0.0100668222	-0.005478743	0.0122223994
35	-0.0267085451	-0.346249543	0.2192846295
36	0.0753657336	0.012009223	-0.0630376433
37	-0.0034733152	-0.007750327	0.0131797273
38	-0.0090246497	-0.056849999	0.0903950145
39	-0.0778423253	0.010020283	0.1045269584
40	0.2718060279	-0.038071741	-0.2292351169
41	-0.0019722229	0.029094796	0.0310067018
42	-0.5170699269	0.587860986	0.2728279778

Multiple Linear Regression - Influence : ETA 1

```
43 -0.4282269318  0.052570014  0.3934558125
44  0.0138392931 -0.018853532  0.0235528363
45 -0.0491112333  0.012492817  0.0394665239
46 -0.0004350262  0.007012134 -0.0076989311
47  0.0907156275 -0.092680278 -0.0580057947
48 -0.0909600031  0.406464510 -0.2997363295
49 -0.0062525935 -0.039387671  0.0626288334
50 -0.1152167881  0.093834806  0.0070162195
51 -0.0064729137 -0.052649312  0.0616177421
52 -0.0567471296  0.109509023 -0.0546751729
53  0.0102446050 -0.002338402 -0.0199439770
54  0.0579966496 -0.032015367 -0.0896937263
55  0.3832252493 -0.098319494 -0.2714040592
56 -0.2697827114  0.172842508  0.1255943405
57  0.0022221641  0.036074356 -0.0162753616
58  0.0063656590  0.015783238 -0.0337004277
59 -0.0851798889  0.069372167  0.0051870982
```

```
$n
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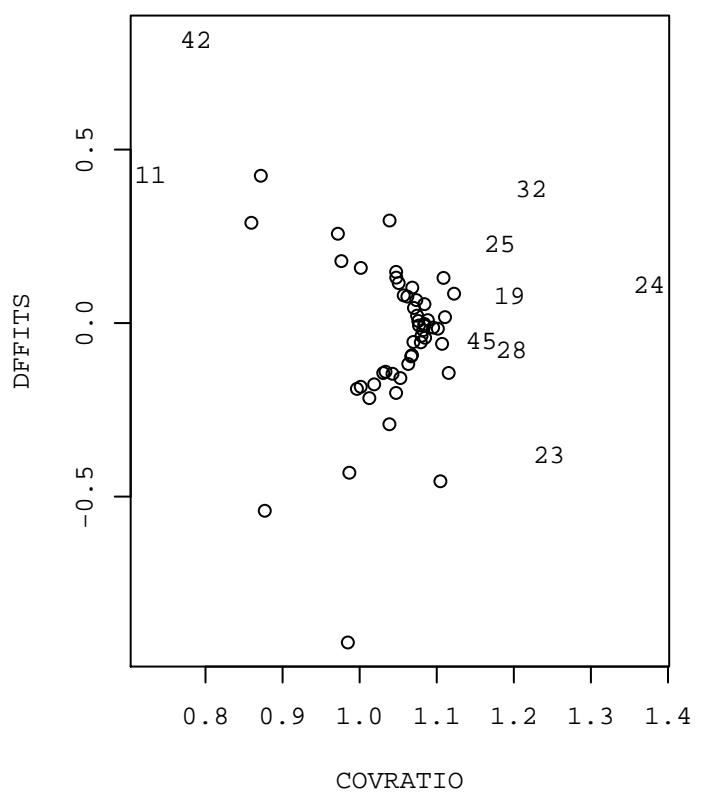
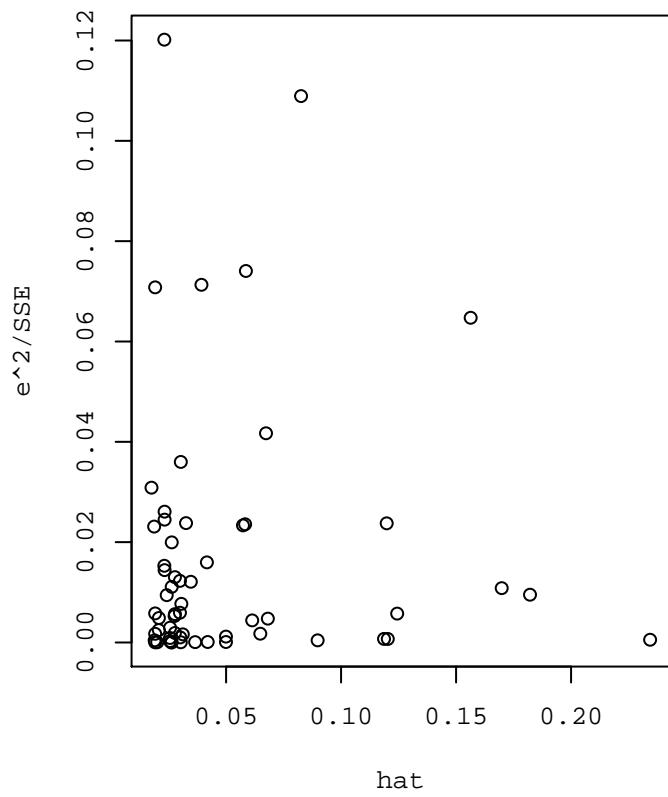
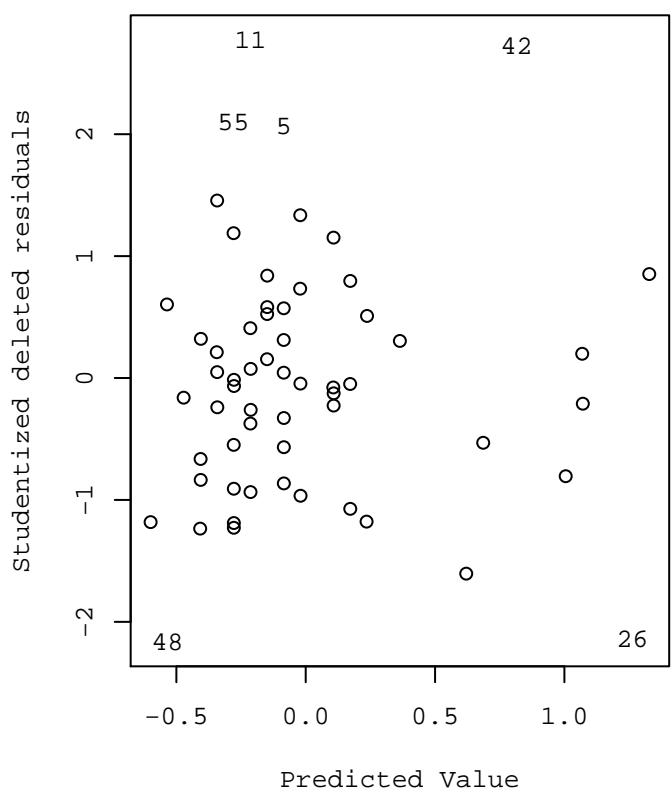
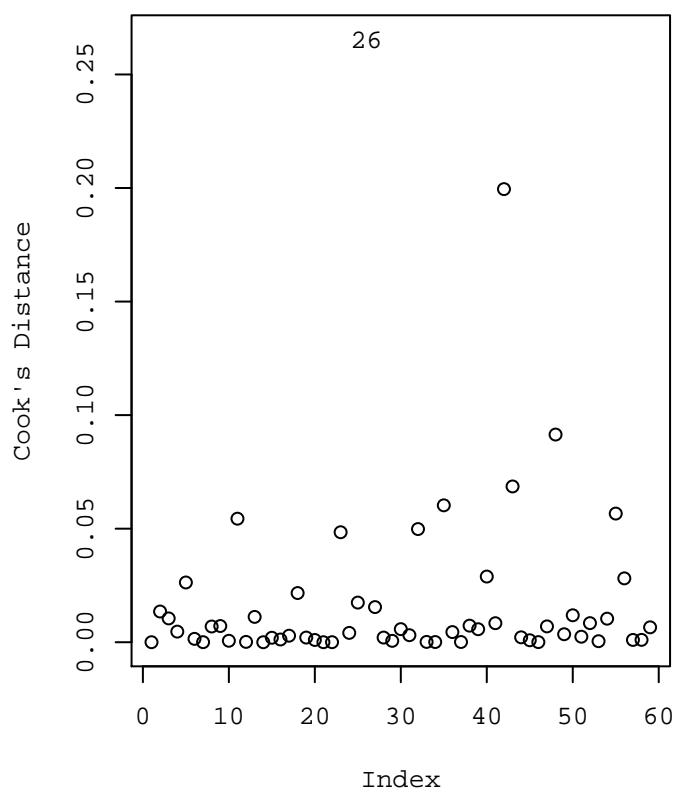
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$`Degree of Freedom`
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```
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```

```
$MSE
[1] 0.043001
```

Influence Diagnostics on Eta 1



Multiple Linear Regression : ETA 2

Residuals:

Min	1Q	Median	3Q	Max
-0.31150	-0.11292	-0.01026	0.09137	0.42215

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)		
(Intercept)	-0.7772831	0.0719027	-10.810	2.52e-15 ***		
BWT	0.5038673	0.0310354	16.235	< 2e-16 ***		
APGA	0.0007424	0.0097721	0.076	0.94		

Signif. codes:	0 ****	0.001 ***	0.01 **	0.05 *	0.1 .	1

Residual standard error: 0.1615 on 56 degrees of freedom

Multiple R-squared: 0.8338, Adjusted R-squared: 0.8279

F-statistic: 140.5 on 2 and 56 DF, p-value: < 2.2e-16

Multiple Linear Regression - Influence : ETA 2

\$`Model Estimates`

	Variable	Estimate	SE	T	p-value
1	Intercept	-0.7772830592	0.071902727	-10.81020278	2.518757e-15
2	BWT	0.5038672566	0.031035372	16.23525726	0.000000e+00
3	APGA	0.0007424372	0.009772113	0.07597509	9.397097e-01

\$`Influence Diagnostics with DFBETAs`

	Yhat	Residual	R-Student	hat	Cook's D	COV-Ratio	DFFITS
1	-0.06667184	0.011445540	0.07093267	0.01915782	3.335063e-05	1.0758648	0.009913336
2	-0.01480024	-0.150031760	-0.94827307	0.04165458	1.305174e-02	1.0491189	-0.197698678
3	-0.01702755	0.210286551	1.32266452	0.01756933	1.029101e-02	0.9780868	0.176879025
4	-0.31934791	-0.106232095	-0.66484540	0.03054887	4.689627e-03	1.0629701	-0.118019910
5	-0.06667184	0.323488840	2.08221640	0.01915782	2.664097e-02	0.8570741	0.291004290
6	-0.16893017	0.075863965	0.47265886	0.02564910	1.987907e-03	1.0702349	0.076687788
7	-0.26970362	0.005616617	0.03500693	0.03031533	1.300272e-05	1.0884700	0.006189705
8	-0.16744529	-0.161356709	-1.01125820	0.02314463	8.073229e-03	1.0224522	-0.155658213
9	-0.06592940	-0.119617597	-0.74833624	0.02775522	5.371149e-03	1.0531775	-0.126439085
10	-0.06667184	0.051196340	0.31756077	0.01915782	6.672818e-04	1.0702622	0.044381336
11	-0.16744529	0.422146291	2.80233091	0.02314463	5.525851e-02	0.7240267	0.431349602
12	-0.11780100	0.038427903	0.23823891	0.01894049	3.715160e-04	1.0725976	0.033102490
13	-0.21857445	-0.190162546	-1.19620025	0.02326701	1.127515e-02	1.0005468	-0.184623179
14	-0.21783202	-0.035527983	-0.22106937	0.02624629	4.466777e-04	1.0811095	-0.036294260
15	-0.11705857	0.085897265	0.53413718	0.02078181	2.044403e-03	1.0613425	0.077813463
16	-0.16596042	-0.032609583	-0.20541212	0.04994043	7.521849e-04	1.1084753	-0.047095216
17	-0.21931689	-0.083170109	-0.51891700	0.02761280	2.582557e-03	1.0697284	-0.087444696
18	-0.26970362	0.198655417	1.25577953	0.03031533	1.626618e-02	1.0000327	0.222038993
19	-0.27267337	0.035134365	0.22980620	0.11867324	2.411163e-03	1.1942318	0.084327585
20	-0.16818773	-0.064816272	-0.40258951	0.02073433	1.161290e-03	1.0684192	-0.058581059
21	0.13487506	-0.003126063	-0.01938148	0.02005026	2.608503e-06	1.0771181	-0.002772331
22	-0.01554268	-0.008402923	-0.05226591	0.02630109	2.504198e-05	1.0838935	-0.008589999
23	0.78693275	-0.128144748	-0.87570714	0.18214410	5.716716e-02	1.2381083	-0.413264451
24	0.83657704	0.032414964	0.22747228	0.23436476	5.370603e-03	1.3747665	0.125853031
25	-0.42383354	0.109182542	0.71948343	0.12438605	2.472500e-02	1.1720821	0.271175404
26	0.99293427	-0.311501273	-2.16862461	0.15634811	2.725017e-01	0.9781688	-0.933574648
27	0.18377691	-0.191502524	-1.21079708	0.03259070	1.632697e-02	1.0083053	-0.222235306
28	0.84177410	-0.029580096	-0.19362922	0.12030373	1.738987e-03	1.1974446	-0.071605119
29	-0.26821874	-0.039138258	-0.24403930	0.03008678	6.263203e-04	1.0847586	-0.042981464
30	0.13561750	0.133383500	0.83489134	0.02637173	6.327613e-03	1.0439374	0.137405038
31	-0.06592940	-0.092878597	-0.57988400	0.02775522	3.238235e-03	1.0660042	-0.097977351
32	1.04332100	0.128349001	0.87050819	0.16984057	5.190234e-02	1.2203546	0.393742983
33	0.08523077	-0.018192474	-0.11312679	0.02560935	1.141299e-04	1.0825296	-0.018339950
34	0.08226103	-0.010264026	-0.06436364	0.04199795	6.163313e-05	1.1015683	-0.013476324
35	0.48609727	-0.237994268	-1.54498187	0.06735528	5.607324e-02	0.9963410	-0.415194021
36	-0.01776999	0.100436788	0.62624319	0.02419105	3.276380e-03	1.0588974	0.098602510
37	-0.16596042	0.012692417	0.07992522	0.04994043	1.139522e-04	1.1106414	0.018324602
38	-0.11631613	0.133040128	0.83426797	0.02994819	7.201609e-03	1.0478450	0.146586309
39	0.18748910	0.073741900	0.46807582	0.06135312	4.841103e-03	1.1112045	0.119669486
40	-0.22080177	0.188748565	1.20951919	0.05827958	2.993114e-02	1.0359808	0.300891537
41	0.08448834	0.186458663	1.16952556	0.01871889	8.640561e-03	0.9992580	0.161529965
42	0.64022719	0.397642806	2.71316928	0.08258829	1.983625e-01	0.7893227	0.814055424
43	-0.32306009	-0.187354909	-1.24276010	0.11983867	6.942023e-02	1.1036511	-0.458568956
44	-0.06667184	0.096834640	0.60207049	0.01915782	2.387223e-03	1.0551595	0.084143558
45	-0.37270438	-0.022995620	-0.14796321	0.08980383	7.328222e-04	1.1583038	-0.046476528
46	-0.21708958	-0.012150420	-0.07597826	0.03655064	7.431959e-05	1.0952427	-0.014798660
47	0.53945374	-0.084253743	-0.53708743	0.06816358	7.124181e-03	1.1151181	-0.145261778

Multiple Linear Regression - Influence : ETA 2

	Intercept	BWT	APGA
1	0.0017158207	-0.0023374952	0.0029201235
2	0.0685550167	0.0416714226	-0.1521847609
3	0.0780578683	0.0018486993	-0.0326249733
4	-0.0741417387	0.0769342040	-0.0025367248
5	0.0503676270	-0.0686167763	0.0857197303
6	0.0609261435	-0.0198592862	-0.0339328359
7	0.0051312412	-0.0028409481	-0.0021850046
8	-0.0420097739	0.0727237689	-0.0513354447
9	0.0145205890	0.0360028568	-0.0768734327
10	0.0076816138	-0.0104648086	0.0130731960
11	0.1164146684	-0.2015272316	0.1422573420
12	0.0181831264	-0.0089127887	-0.0036191499
13	-0.1121992263	0.0913772443	0.0068324626
14	-0.0111139603	0.0202292082	-0.0122933408
15	0.0175467842	-0.0279910222	0.0245447563
16	0.0095086652	0.0212175562	-0.0360812675
17	-0.0714561665	0.0319392189	0.0348176138
18	0.1840694689	-0.1019113663	-0.0783811586
19	0.0775239431	-0.0050690380	-0.0743031151
20	-0.0342337838	0.0228944863	0.0042089897
21	0.0002006287	-0.0008662527	-0.0004301023
22	0.0014663212	0.0014946211	-0.0051160551
23	-0.0493333805	-0.3421227776	0.2723110211
24	0.0222233729	0.1006945303	-0.0900625093
25	0.2632287966	-0.0602567983	-0.2225444653
26	0.5708802503	-0.8060242031	-0.1489595283
27	-0.0829466929	-0.1145689585	0.1277442872
28	0.0446208932	-0.0585736124	-0.0159361860
29	-0.0144118983	0.0271379597	-0.0147623602
30	-0.0451292424	0.0249122882	0.0697938578
31	0.0112519705	0.0278985295	-0.0595690432
32	-0.2391816411	0.3445284023	0.0557865522
33	0.0051325932	-0.0011715500	-0.0099920222
34	-0.0083890142	-0.0045656170	0.0101853276
35	-0.0257159429	-0.3333814494	0.2111350875
36	0.0644001026	0.0102618940	-0.0538657358
37	-0.0036997921	-0.0082556853	0.0140391093
38	-0.0089632012	-0.0564629101	0.0897795189
39	-0.0715353048	0.0092084092	0.0960578682
40	0.2766554637	-0.0387509987	-0.2333250224
41	-0.0020026954	0.0295443346	0.0314857814
42	-0.5153615869	0.5859187609	0.2719265853

Multiple Linear Regression - Influence : ETA 2

```
43 -0.4308433762  0.0528912140  0.3958598071
44  0.0145637418 -0.0198404625  0.0247857621
45 -0.0450862645  0.0114689536  0.0362319986
46 -0.0005047062  0.0081352961 -0.0089321001
47  0.0917108325 -0.0936970360 -0.0586421532
48 -0.0843658769  0.3769979512 -0.2780070075
49 -0.0066443544 -0.0418555349  0.0665528890
50 -0.1233571881  0.1004645066  0.0075119357
51 -0.0070567657 -0.0573982403  0.0671756158
52 -0.0648040987  0.1250571363 -0.0624379652
53  0.0089661898 -0.0020465951 -0.0174551857
54  0.0575422188 -0.0317645115 -0.0889909340
55  0.3882371235 -0.0996053303 -0.2749535200
56 -0.2731157224  0.1749778780  0.1271459867
57  0.0022259474  0.0361357739 -0.0163030708
58  0.0072978126  0.0180944520 -0.0386353406
59 -0.0847477538  0.0690202282  0.0051607830
```

```
$n
[1] 59
```

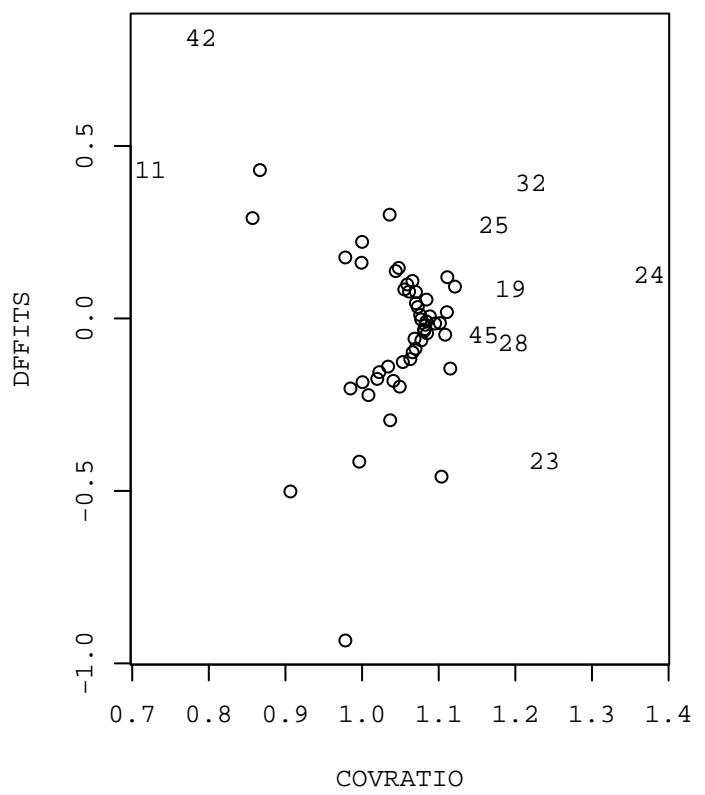
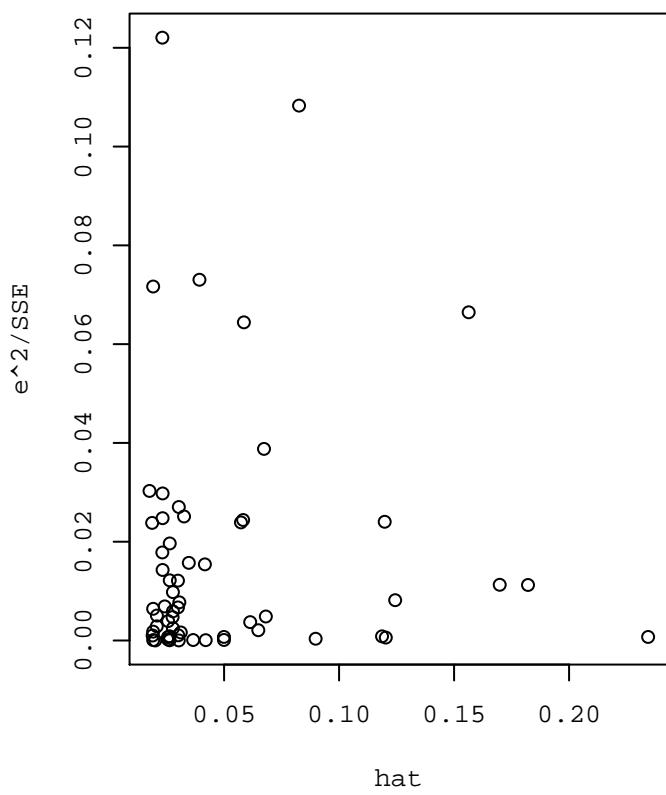
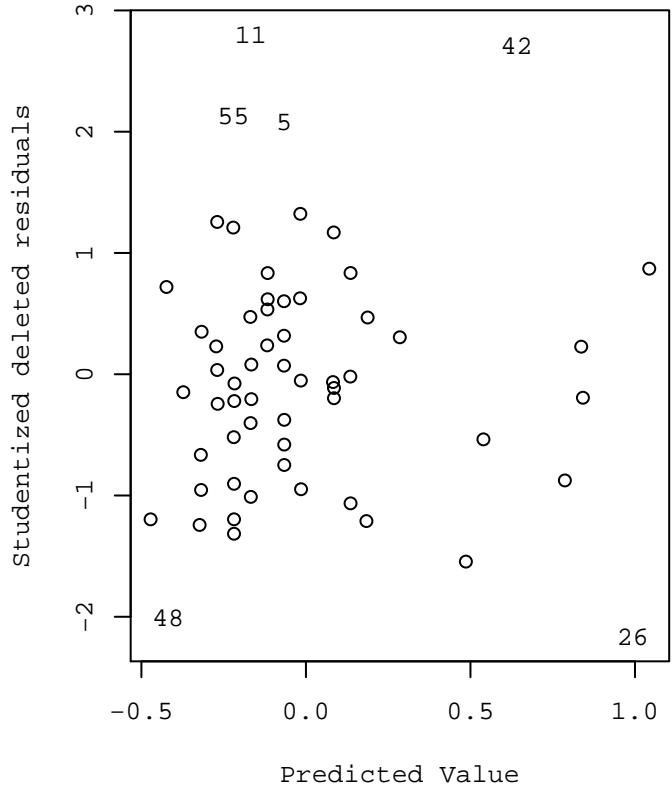
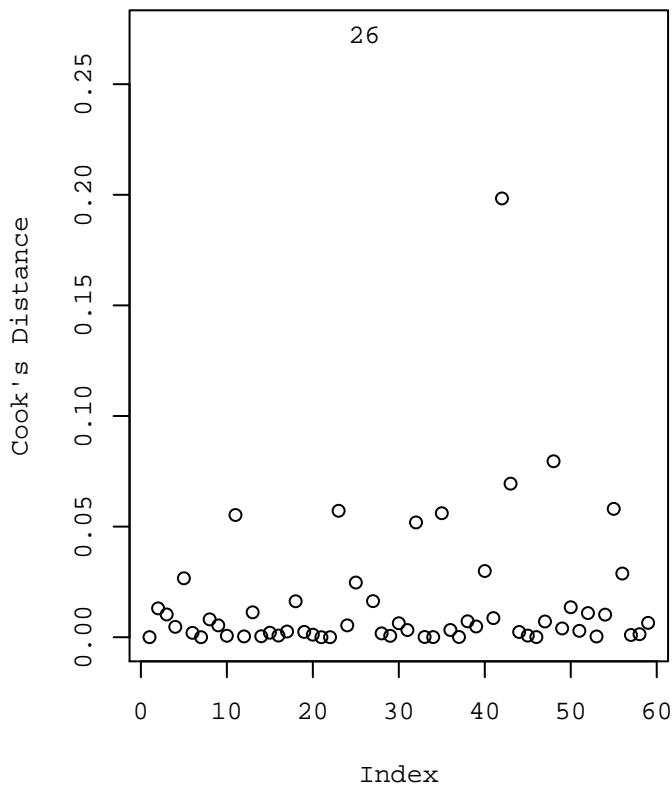
```
$`Parameter Count`
[1] 3
```

```
$`Degree of Freedom`
[1] 56
```

```
$SSE
[1] 1.460102
```

```
$MSE
[1] 0.02607325
```

Influence Diagnostics on Eta 2



ETA 1

ID	ETA1	seETA1	LL1	UL1	ZERO1	RSE1	SHR1
1	-0.07586210	0.01141680	-0.09869570	-0.05302850	FALSE	0.150494120	0.022661449
2	-0.21623300	0.00865125	-0.23353550	-0.19893050	FALSE	0.040008926	0.017172050
3	0.25150900	0.00862601	0.23425698	0.26876102	FALSE	0.034297023	0.017121951
4	-0.54252100	0.00812719	-0.55877538	-0.52626662	FALSE	0.014980416	0.016131832
5	0.32792400	0.01128940	0.30534520	0.35050280	FALSE	0.034426879	0.022408570
6	-0.12971800	0.00845689	-0.14663178	-0.11280422	FALSE	0.065194422	0.016786261
7	-0.33242300	0.00850159	-0.34942618	-0.31541982	FALSE	0.025574614	0.016874987
8	-0.40527800	0.00655032	-0.41837864	-0.39217736	FALSE	0.016162535	0.013001870
9	-0.26176300	0.00495181	-0.27166662	-0.25185938	FALSE	0.018917150	0.009828953
10	-0.02036990	0.00780255	-0.03597500	-0.00476480	FALSE	0.383043118	0.015487448
11	0.32458300	0.01914720	0.28628860	0.36287740	FALSE	0.058990150	0.038005685
12	0.11752000	0.00690641	-0.13133282	-0.10370718	FALSE	0.058767954	0.013708680
13	-0.52075300	0.00833741	-0.53742782	-0.50407818	FALSE	0.016010297	0.016549103
14	-0.28054500	0.00585992	-0.29226484	-0.26882516	FALSE	0.020887629	0.011631480
15	-0.04073530	0.01051010	-0.06175550	-0.01971510	FALSE	0.258009638	0.020861721
16	-0.26586200	0.00729284	-0.28044768	-0.25127632	FALSE	0.027430923	0.014475713
17	-0.39106300	0.00682429	-0.40471158	-0.37741442	FALSE	0.017450615	0.013545679
18	-0.04800530	0.00621071	-0.06042672	-0.03558388	FALSE	0.129375506	0.012327771
19	-0.30218000	0.00762679	-0.31743358	-0.28692642	FALSE	0.025239228	0.015138578
20	-0.29093500	0.00736383	-0.30566266	-0.27620734	FALSE	0.025310911	0.014616623
21	0.16169800	0.00654048	0.14861704	0.17477896	FALSE	0.040448738	0.012982338
22	-0.02982260	0.01329500	-0.05641260	-0.00323260	FALSE	0.445802848	0.026389529
23	0.85345800	0.00698032	0.83949736	0.86741864	FALSE	0.008178868	0.013855386
24	1.10521000	0.00443358	1.09634284	1.11407716	FALSE	0.004011527	0.008800307
25	-0.41855400	0.00507174	-0.42869748	-0.40841052	FALSE	0.012117290	0.010067005
26	0.86894300	0.00801859	0.85290582	0.88498018	FALSE	0.009227982	0.015916270
27	-0.00410092	0.00993548	-0.02397188	0.01577004	TRUE	2.422744165	0.019721146
28	1.02989000	0.03138420	0.96712160	1.09265840	FALSE	0.030473352	0.062295167
29	-0.39119200	0.02261910	-0.43643020	-0.34595380	FALSE	0.057820968	0.044897133
30	0.33563900	0.01408160	0.30747580	0.36380220	FALSE	0.041954600	0.027950868
31	-0.20133900	0.02303040	-0.24739980	-0.15527820	FALSE	0.114386184	0.045713531
32	1.48947000	0.01067720	1.46811560	1.51082440	FALSE	0.007168456	0.021193402
33	0.08205350	0.01229800	0.05745750	0.10664950	FALSE	0.149877824	0.024410562
34	0.09076530	0.01137260	0.06802010	0.11351050	FALSE	0.125296782	0.022573716
35	0.30355000	0.00872137	0.28610726	0.32099274	FALSE	0.028731247	0.017311233
36	0.12928800	0.00747195	0.11434410	0.14423190	FALSE	0.057793067	0.014831233
37	-0.19736900	0.00982628	-0.21702156	-0.17771644	FALSE	0.049786339	0.019504392
38	0.02318970	0.00578129	0.01162712	0.03475228	FALSE	0.249304217	0.011475406
39	0.34003400	0.00553977	0.32895446	0.35111354	FALSE	0.016291812	0.010996007
40	-0.04066230	0.01804250	-0.07674730	-0.00457730	FALSE	0.443715678	0.035812942
41	0.34350700	0.01017800	0.32315100	0.36386300	FALSE	0.029629673	0.020202529
42	1.32657000	0.02038730	1.28579540	1.36734460	FALSE	0.015368431	0.040467186
43	-0.64717100	0.02730100	-0.70177300	-0.59256900	FALSE	0.042185141	0.054190336
44	0.03323950	0.00834166	0.01655618	0.04992282	FALSE	0.250956242	0.016557539
45	-0.50400400	0.01053840	-0.52508080	-0.48292720	FALSE	0.020909358	0.020917895
46	-0.29065600	0.02994130	-0.35053860	-0.23077340	FALSE	0.103012840	0.059431124
47	0.57899600	0.01957680	0.53984240	0.61814960	FALSE	0.033811633	0.038858407
48	-0.95627900	0.00456691	-0.96541282	-0.94714518	FALSE	0.004775709	0.009064957
49	-0.02925140	0.00722055	-0.04369250	-0.01481030	FALSE	0.246844595	0.014332223
50	-0.52849700	0.00501705	-0.53853110	-0.51846290	FALSE	0.009493053	0.009958449
51	-0.34025000	0.00780285	-0.35585570	-0.32464430	FALSE	0.022932697	0.015488043
52	-0.57667300	0.00675787	-0.59018874	-0.56315726	FALSE	0.011718721	0.013413840
53	0.06133430	0.01194700	0.03744030	0.08522830	FALSE	0.194784973	0.023713855
54	-0.04709890	0.00601098	-0.05912086	-0.03507694	FALSE	0.127624637	0.011931322

ETA 1

55	55	0.13580600	0.02280030	0.09020540	0.18140660	FALSE	0.167888753	0.045256801
56	56	-0.83664500	0.03327960	-0.90320420	-0.77008580	FALSE	0.039777444	0.066057387
57	57	0.42664600	0.01117010	0.40430580	0.44898620	FALSE	0.026181190	0.022171769
58	58	-0.15224700	0.00749816	-0.16724332	-0.13725068	FALSE	0.049249969	0.014883257
59	59	-0.46429600	0.00656938	-0.47743476	-0.45115724	FALSE	0.014149120	0.013039702

ETA 2

ID	ETA2	seETA2	LL2	UL2	ZERO2	RSE2	SHR2
1	-0.05522630	0.00578334	-0.06679298	-0.04365962	FALSE	0.104720758	0.014686599
2	-0.16483200	0.00431527	-0.17346254	-0.15620146	FALSE	0.026179807	0.010958484
3	0.19325900	0.00445103	0.18435694	0.20216106	FALSE	0.023031424	0.011303242
4	-0.42558000	0.00378107	-0.43314214	-0.41801786	FALSE	0.008884511	0.009601901
5	0.25681700	0.00601158	0.24479384	0.26884016	FALSE	0.023408030	0.015266207
6	-0.09306620	0.00417985	-0.10142590	-0.08470650	FALSE	0.044912654	0.010614589
7	-0.26408700	0.00443964	-0.27296628	-0.25520772	FALSE	0.016811278	0.011274317
8	-0.32880200	0.00294546	-0.33469292	-0.32291108	FALSE	0.008958157	0.007479897
9	-0.18554700	0.00291995	-0.19138690	-0.17970710	FALSE	0.015736983	0.007415115
10	-0.01547550	0.00386968	-0.02321486	-0.00773614	FALSE	0.250052018	0.009826923
11	0.25470100	0.01056820	0.23356460	0.27583740	FALSE	0.041492574	0.026837591
12	0.07937310	0.00444483	-0.08826276	-0.07048344	FALSE	0.055999199	0.011287497
13	-0.40873700	0.00442296	-0.41758292	-0.39989108	FALSE	0.010821041	0.011231959
14	-0.25336000	0.00342681	-0.26021362	-0.24650638	FALSE	0.013525458	0.008702270
15	-0.03116130	0.00565474	-0.04247078	-0.01985182	FALSE	0.181466755	0.014360023
16	-0.19857000	0.00342488	-0.20541976	-0.19172024	FALSE	0.017247721	0.008697368
17	-0.30248700	0.00333051	-0.30914802	-0.29582598	FALSE	0.011010424	0.008457719
18	-0.07104820	0.00380552	-0.07865924	-0.06343716	FALSE	0.053562511	0.009663991
19	-0.23753900	0.00386936	-0.24527772	-0.22980028	FALSE	0.016289367	0.009826110
20	-0.23300400	0.00334177	-0.23968754	-0.22632046	FALSE	0.014342114	0.008486313
21	0.13174900	0.00414361	0.12346178	0.14003622	FALSE	0.031450789	0.010522559
22	-0.02394560	0.00621533	-0.03637626	-0.01151494	FALSE	0.259560420	0.015783623
23	0.65878800	0.00370146	0.65138508	0.66619092	FALSE	0.005618591	0.009399734
24	0.86899200	0.00252074	0.86395052	0.87403348	FALSE	0.002900763	0.006401335
25	-0.31465100	0.00200559	-0.31866218	-0.31063982	FALSE	0.006374014	0.005093129
26	0.68143300	0.00413823	0.67315654	0.68970946	FALSE	0.006072835	0.010508897
27	-0.00772561	0.00457370	-0.01687301	0.00142179	TRUE	0.592017977	0.011614758
28	0.81219400	0.01673180	0.77873040	0.84565760	FALSE	0.020600743	0.042489847
29	-0.30735700	0.01234640	-0.33204980	-0.28266420	FALSE	0.040169575	0.031353270
30	0.26900100	0.00865531	0.25169038	0.28631162	FALSE	0.032175754	0.021979871
31	-0.15880800	0.01148680	-0.18178160	-0.13583440	FALSE	0.072331369	0.029170345
32	1.17167000	0.00524886	1.16117228	1.18216772	FALSE	0.004479811	0.013329305
33	0.06703830	0.00580568	0.05542694	0.07864966	FALSE	0.086602435	0.014743330
34	0.07199700	0.00546544	0.06106612	0.08292788	FALSE	0.075912052	0.013879302
35	0.24810300	0.00417266	0.23975768	0.25644832	FALSE	0.016818257	0.010596331
36	0.08266680	0.00468264	0.07330152	0.09203208	FALSE	0.056644747	0.011891408
37	-0.15326800	0.00522011	-0.16370822	-0.14282778	FALSE	0.034058708	0.013256295
38	0.01672400	0.00383922	0.00904556	0.02440244	FALSE	0.229563502	0.009749571
39	0.26123100	0.00336401	0.25450298	0.26795902	FALSE	0.012877530	0.008542791
40	-0.03205320	0.00841906	-0.04889132	-0.01521508	FALSE	0.262658954	0.021379922
41	0.27094700	0.00448308	0.26198084	0.27991316	FALSE	0.016545967	0.011384632
42	1.03787000	0.01150170	1.01486660	1.06087340	FALSE	0.011082024	0.029208183
43	-0.51041500	0.01416870	-0.53875240	-0.48207760	FALSE	0.027759176	0.035980940
44	0.03016280	0.00518256	0.01979768	0.04052792	FALSE	0.171819592	0.013160938
45	-0.39570000	0.00507170	-0.40584340	-0.38555660	FALSE	0.012817033	0.012879413
46	-0.22924000	0.01580800	-0.26085600	-0.19762400	FALSE	0.068958297	0.040143888
47	0.45520000	0.01028570	0.43462860	0.47577140	FALSE	0.022596002	0.026120192
48	-0.72532500	0.00179914	-0.72892328	-0.72172672	FALSE	0.002480460	0.004568856
49	-0.01741570	0.00349127	-0.02439824	-0.01043316	FALSE	0.200466820	0.008865964
50	-0.42709700	0.00183414	-0.43076528	-0.42342872	FALSE	0.004294434	0.004657737
51	-0.26195100	0.00378171	-0.26951442	-0.25438758	FALSE	0.014436708	0.009603526
52	-0.47014400	0.00354300	-0.47723000	-0.46305800	FALSE	0.007535989	0.008997330
53	0.05345770	0.00531028	0.04283714	0.06407826	FALSE	0.099336111	0.013485279
54	-0.03379160	0.00231787	-0.03842734	-0.02915586	FALSE	0.068593082	0.005886153

ETA 2

55	55	0.10651100	0.01296630	0.08057840	0.13244360	FALSE	0.121736722	0.032927486
56	56	-0.65884600	0.01830520	-0.69545640	-0.62223560	FALSE	0.027783731	0.046485444
57	57	0.33412700	0.00574039	0.32264622	0.34560778	FALSE	0.017180264	0.014577529
58	58	-0.12627500	0.00349645	-0.13326790	-0.11928210	FALSE	0.027689170	0.008879118
59	59	-0.36299900	0.00291322	-0.36882544	-0.35717256	FALSE	0.008025422	0.007398025