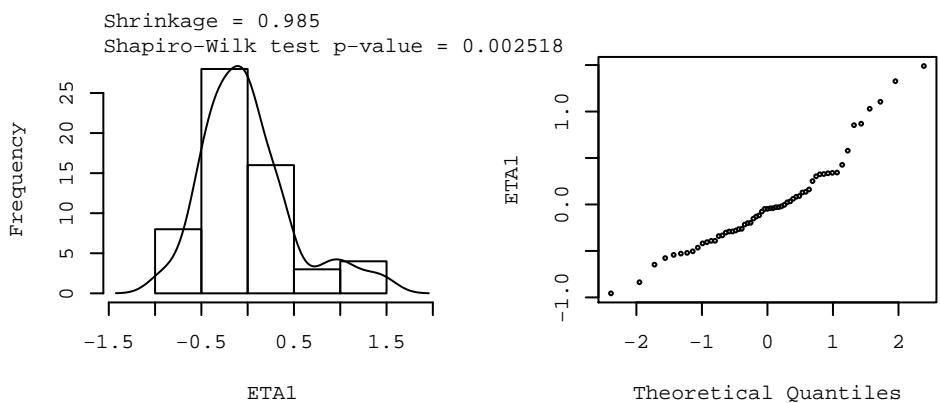


Normality and Population Shrinkage of Etas

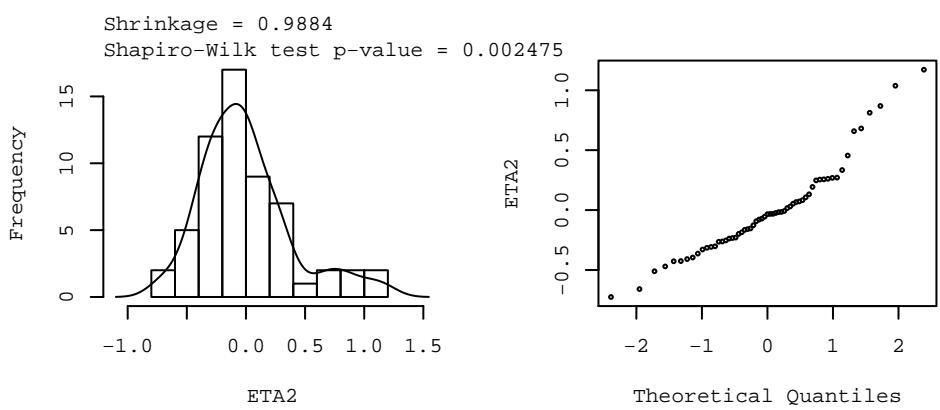
Eta 1

Minimum : -0.9563
 1st Qu. : -0.3173
 Median : -0.0471
 Mean : -0.004655
 3rd Qu. : 0.2066
 Maximum : 1.489
 Std Dev : 0.4962
 t-test p= 0.9428

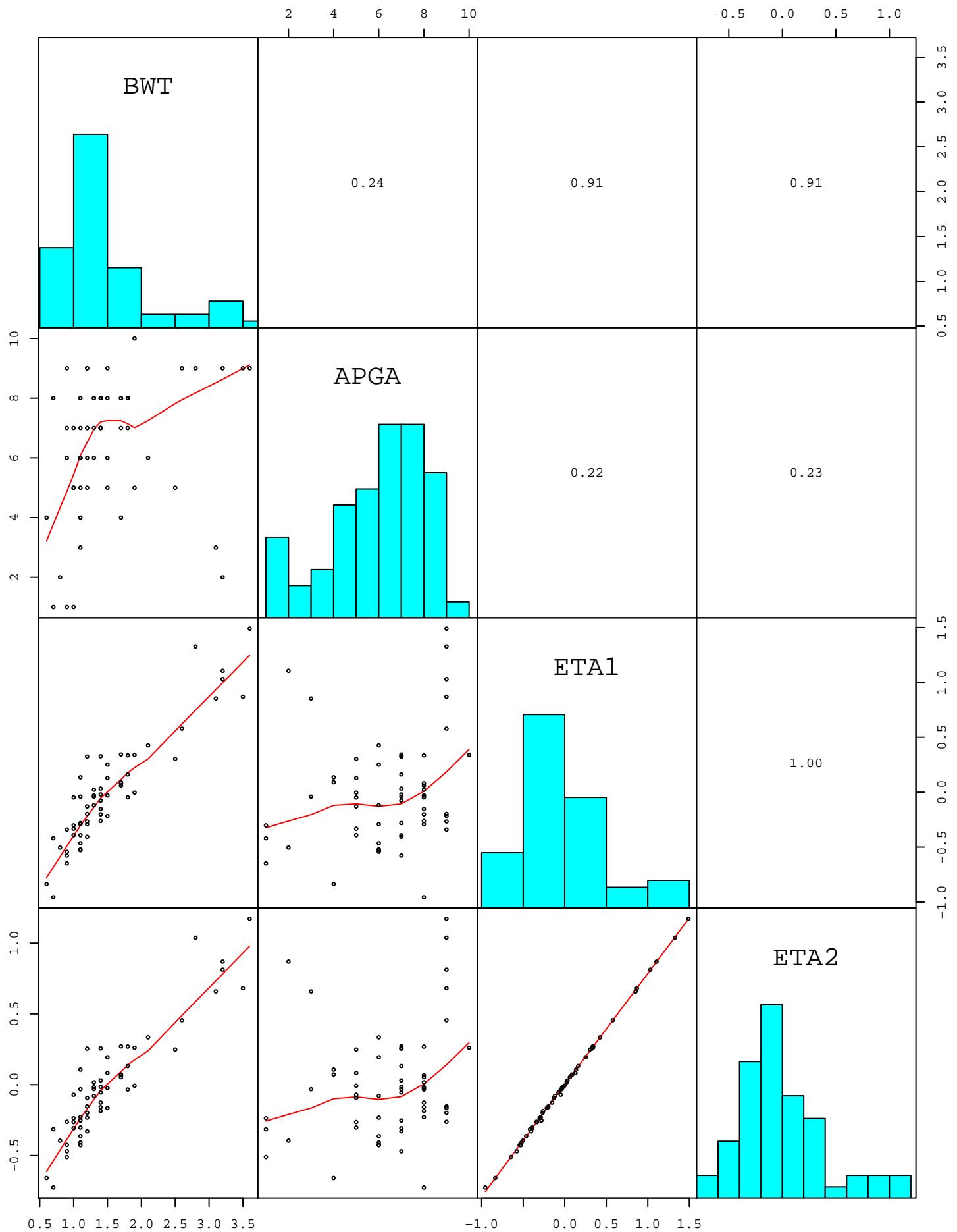


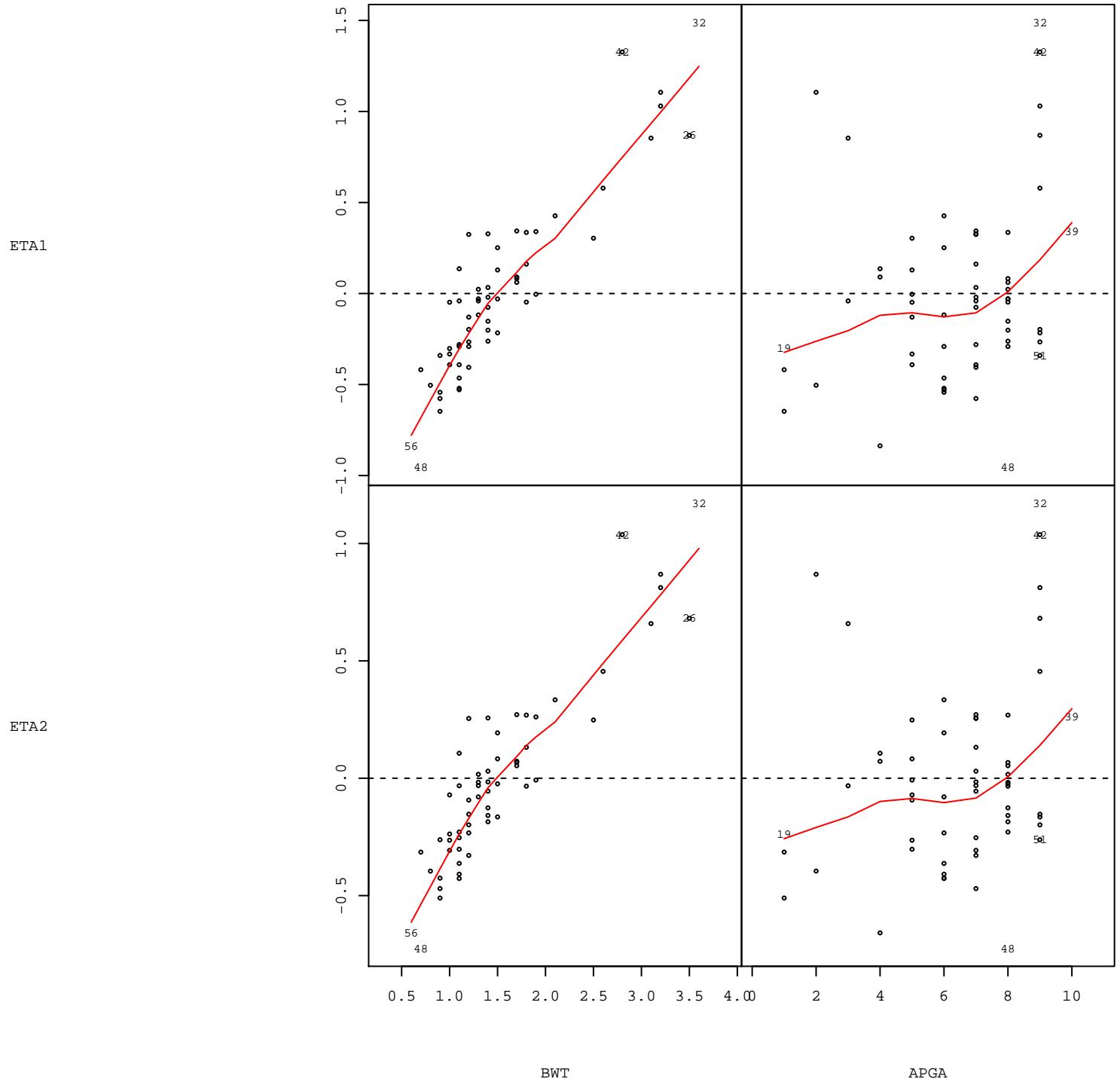
Eta 2

Minimum : -0.7253
 1st Qu. : -0.2577
 Median : -0.03379
 Mean : -0.003903
 3rd Qu. : 0.1625
 Maximum : 1.172
 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	0.9118076	0.9131330
APGA	0.2445790	1.0000000	0.2244595	0.2273454
ETA1	0.9118076	0.2244595	1.0000000	0.9996951
ETA2	0.9131330	0.2273454	0.9996951	1.0000000

\$`Covariance of EBE`

	ETA1	ETA2
ETA1	0.2462461	0.1930863
ETA2	0.1930863	0.1514951

\$`Omega Matrix`

	Eta 1	Eta 2
Eta 1	0.2538128	0.1965735
Eta 2	0.1965735	0.1550651

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

	ETA1	ETA2
ETA1	0.9701879	0.9822603
ETA2	0.9822603	0.9769774

\$`Correlation of EBE`

	ETA1	ETA2
ETA1	1.0000000	0.9996951
ETA2	0.9996951	1.0000000

\$`Correlation from Omega Matrix`

	Eta 1	Eta 2
Eta 1	1.0000000	0.9908573
Eta 2	0.9908573	1.0000000

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

	ETA1	ETA2
ETA1	1.000000	1.008919
ETA2	1.008919	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)	-0.9860667	0.0923394	-10.679	4.01e-15 ***							
BWT	0.6419294	0.0398565	16.106	< 2e-16 ***							
APGA	0.0003421	0.0125496	0.027	0.978							

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

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	-0.9860666556	0.09233941	-10.67871890	4.010894e-15
2	BWT	0.6419293760	0.03985646	16.10603102	0.000000e+00
3	APGA	0.0003421342	0.01254961	0.02726254	9.783473e-01

\$`Influence Diagnostics with DFBETAs`

	Yhat	Residual	R-Student	hat	Cook's D	COV-Ratio	DFFITS
1	-0.08497059	0.009107890	0.04395151	0.01915782	1.280511e-05	1.0760467	0.006142530
2	-0.0209338	-0.196139616	-0.9561198	0.04165458	1.352537e-02	1.0472527	-0.201313545
3	-0.02111979	0.272628786	1.33567393	0.01756933	1.048805e-02	0.9763008	0.178618765
4	-0.40627741	-0.136245588	-0.66395860	0.03054887	4.677224e-03	1.0630379	-0.117862489
5	-0.08497059	0.412894590	2.06850009	0.01915782	2.631639e-02	0.8595460	0.289087340
6	-0.21404073	0.084323733	0.40888309	0.02564910	1.489159e-03	1.0735103	0.066340319
7	-0.34242661	0.010001609	0.04854135	0.03031533	2.500005e-05	1.0884028	0.008582774
8	-0.21335647	-0.191924535	-0.93538527	0.02314463	6.925493e-03	1.0305818	-0.143979451
9	-0.08462846	-0.177132544	-0.86434731	0.02775522	7.141513e-03	1.0426096	-0.146040346
10	-0.08497059	0.064599890	0.31200688	0.01915782	6.441863e-04	1.0704659	0.043605141
11	-0.21335647	0.537939465	2.77760806	0.02314463	5.440722e-02	0.7288150	0.427544129
12	-0.14950566	0.031985662	0.15436530	0.01894049	1.560671e-04	1.0745245	0.021448536
13	-0.27789154	-0.242863463	-1.18942518	0.02326701	1.115098e-02	1.0014070	-0.183577505
14	-0.27754940	-0.003000597	-0.01453222	0.02624629	1.931902e-06	1.0839815	-0.002385840
15	-0.14916353	0.108427327	0.52496738	0.02078181	1.975158e-03	1.0619020	0.076477601
16	-0.21267220	-0.053189803	-0.26095740	0.04994043	1.213409e-03	1.1069117	-0.059830185
17	-0.27823367	-0.112830329	-0.54832494	0.02761280	2.881931e-03	1.0679081	-0.092400342
18	-0.34242661	0.294417209	1.45616370	0.03031533	2.166345e-02	0.9717612	0.257469655
19	-0.34379515	0.041614145	0.21193257	0.11867324	2.050977e-03	1.1947458	0.077768841
20	-0.21369860	-0.077238401	-0.37349175	0.02073433	9.998976e-04	1.0697325	-0.054347025
21	0.17180116	-0.010102161	-0.04877190	0.02005026	1.651737e-05	1.0770004	-0.006976343
22	-0.02043552	-0.009388182	-0.04547003	0.02630109	1.895341e-05	1.0839328	-0.007473084
23	1.00494081	-0.151482813	-0.80522615	0.18214410	4.843823e-02	1.2460329	-0.380003006
24	1.06879162	0.036418384	0.19898206	0.23436476	4.110454e-03	1.3756771	0.110090317
25	-0.53637396	0.117820958	0.60373800	0.12438605	1.745788e-02	1.1818362	0.227550615
26	1.26376537	-0.394821368	-2.13797611	0.15634811	2.654406e-01	0.9846852	-0.920380728
27	0.23530983	-0.239412210	-1.17787379	0.03259070	1.547269e-02	1.0125300	-0.216192413
28	1.07118656	-0.041296555	-0.21050882	0.12030373	2.055139e-03	1.1969994	-0.077847284
29	-0.34174234	-0.049451660	-0.24009873	0.03008678	6.062779e-04	1.0848714	-0.042287431
30	0.17214329	0.163496705	0.79643507	0.02637173	5.764614e-03	1.0474729	0.131075968
31	-0.08462846	-0.116712544	-0.56734181	0.02775522	3.100477e-03	1.0668362	-0.095858219
32	1.32795831	0.161511694	0.85275327	0.16984057	4.983407e-02	1.2223658	0.385712187
33	0.10795036	-0.025897057	-0.12539895	0.02560935	1.402275e-04	1.0823568	-0.020329494
34	0.10658182	-0.015817020	-0.07723479	0.04199795	8.874515e-05	1.1014588	-0.016171258
35	0.62046746	-0.316916455	-1.60460963	0.06735528	6.028770e-02	0.9866228	-0.431218214
36	-0.02146192	0.150747921	0.73287032	0.02419105	4.475358e-03	1.0506298	0.115391041
37	-0.21267220	0.015302197	0.07503235	0.04994043	1.004288e-04	1.1106873	0.017202805
38	-0.14882139	0.172009893	0.83998572	0.02994819	7.299407e-03	1.0473049	0.147590955
39	0.23702050	0.103011499	0.50933600	0.06135312	5.728008e-03	1.1087734	0.130218170
40	-0.27891794	0.238254339	1.18831769	0.05827958	2.891706e-02	1.0387842	0.295617251
41	0.10760822	0.235898777	1.15173330	0.01871889	8.385804e-03	1.0014576	0.159072573
42	0.81441481	0.512155195	2.72216023	0.08258829	1.995230e-01	0.7874699	0.816753057
43	-0.40798808	-0.239185917	-1.23521998	0.11983867	6.860308e-02	1.1047458	-0.455786710
44	-0.08497059	0.118209990	0.57212519	0.01915782	2.157030e-03	1.0571725	0.079958492
45	-0.47183889	-0.032167114	-0.16117404	0.08980383	8.694588e-04	1.1580459	-0.050626161
46	-0.27720727	-0.013450732	-0.06549322	0.03655064	5.522414e-05	1.0953313	-0.012756437
47	0.68602893	-0.107031930	-0.53125485	0.06816358	6.971075e-03	1.1154952	-0.143684288

Multiple Linear Regression - Influence : ETA 1

	Intercept	BWT	APGA
1	0.0010631619	-0.001448366	0.0018093755
2	0.0698085266	0.042433373	-0.1549674181
3	0.0788256267	0.001866883	-0.0329458647
4	-0.0740428447	0.076831585	-0.0025333412
5	0.0500358372	-0.068164773	0.0851550634
6	0.0527053907	-0.017179677	-0.0293542848
7	0.0071150868	-0.003939318	-0.0030297732
8	-0.0388578544	0.067267432	-0.0474838365
9	0.0167716481	0.041584212	-0.0887907619
10	0.0075472684	-0.010281787	0.0128445562
11	0.1153876295	-0.199749309	0.1410023127
12	0.0117816345	-0.005774981	-0.0023450038
13	-0.1115637495	0.090859700	0.0067937647
14	-0.0007305875	0.001329788	-0.0008081152
15	0.0172455498	-0.027510486	0.0241233842
16	0.0120798935	0.026954974	-0.0458379658
17	-0.0755057134	0.033749271	0.0367907893
18	0.2134413508	-0.118173317	-0.0908884046
19	0.0714943659	-0.004674784	-0.0685240442
20	-0.0317594856	0.021239753	0.0039047787
21	0.0005048655	-0.002179854	-0.0010823170
22	0.0012756627	0.001300283	-0.0044508396
23	-0.0453628007	-0.314587146	0.2503941641
24	0.0194399623	0.088082843	-0.0787824508
25	0.2208824017	-0.050563109	-0.1867430791
26	0.5628121774	-0.794632914	-0.1468543297
27	-0.0806912548	-0.111453666	0.1242707390
28	0.0485107129	-0.063679758	-0.0173254207
29	-0.0141791858	0.026699756	-0.0145239887
30	-0.0430505257	0.023764793	0.0665790540
31	0.0110086039	0.027295118	-0.0582806364
32	-0.2343032838	0.337501389	0.0546487277
33	0.0056893845	-0.001298642	-0.0110759715
34	-0.0100666116	-0.005478629	0.0122221436
35	-0.0267084360	-0.346248129	0.2192837341
36	0.0753651694	0.012009133	-0.0630371714
37	-0.0034732979	-0.007750288	0.0131796616
38	-0.0090246316	-0.056849885	0.0903948333
39	-0.0778410332	0.010020116	0.1045252233
40	0.2718060085	-0.038071738	-0.2292351005
41	-0.0019722280	0.029094870	0.0310067810
42	-0.5170694021	0.587860390	0.2728277008

Multiple Linear Regression - Influence : ETA 1

```
43 -0.4282293478  0.052570311  0.3934580323
44  0.0138393819 -0.018853653  0.0235529875
45 -0.0491117688  0.012492953  0.0394669542
46 -0.0004350564  0.007012621  -0.0076994653
47  0.0907148860 -0.092679520  -0.0580053206
48 -0.0909591868  0.406460862  -0.2997336394
49 -0.0062526395 -0.039387961  0.0626292942
50 -0.1152176158  0.093835480  0.0070162699
51 -0.0064729280 -0.052649428  0.0616178778
52 -0.0567473572  0.109509462  -0.0546753922
53  0.0102444488 -0.002338367  -0.0199436730
54  0.0579966008 -0.032015340  -0.0896936509
55  0.3832254259 -0.098319539  -0.2714041843
56 -0.2697830062  0.172842697  0.1255944777
57  0.0022221778  0.036074578  -0.0162754614
58  0.0063657676  0.015783507  -0.0337010024
59 -0.0851802461  0.069372458  0.0051871200
```

```
$n
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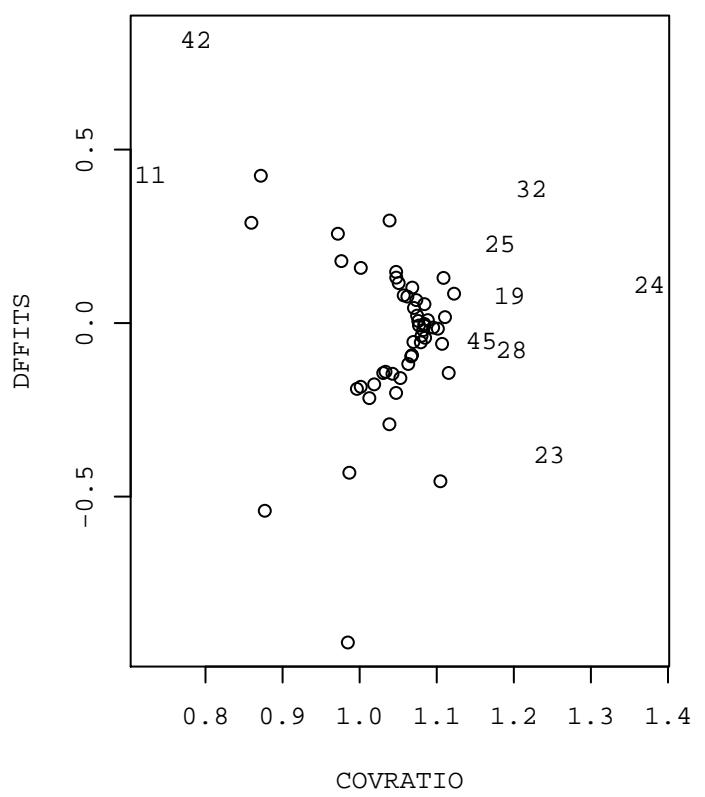
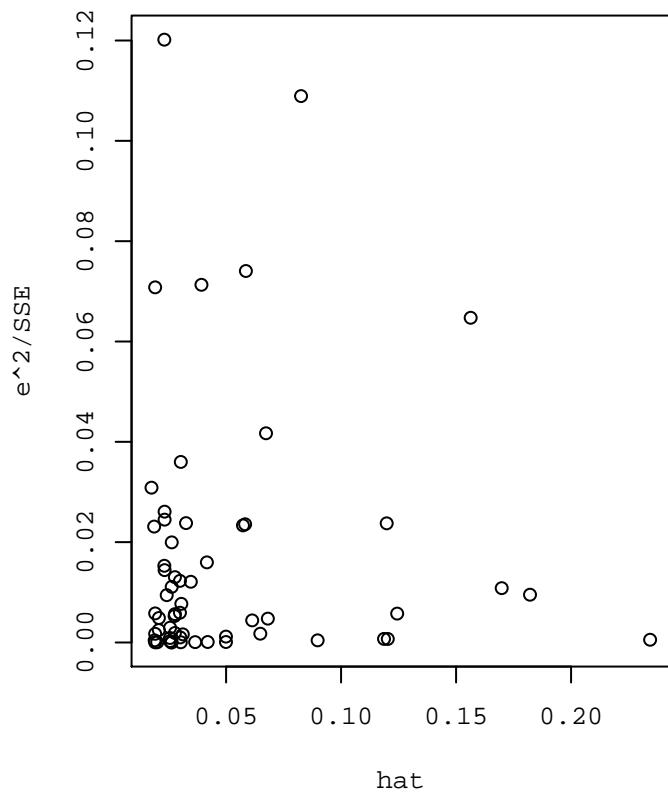
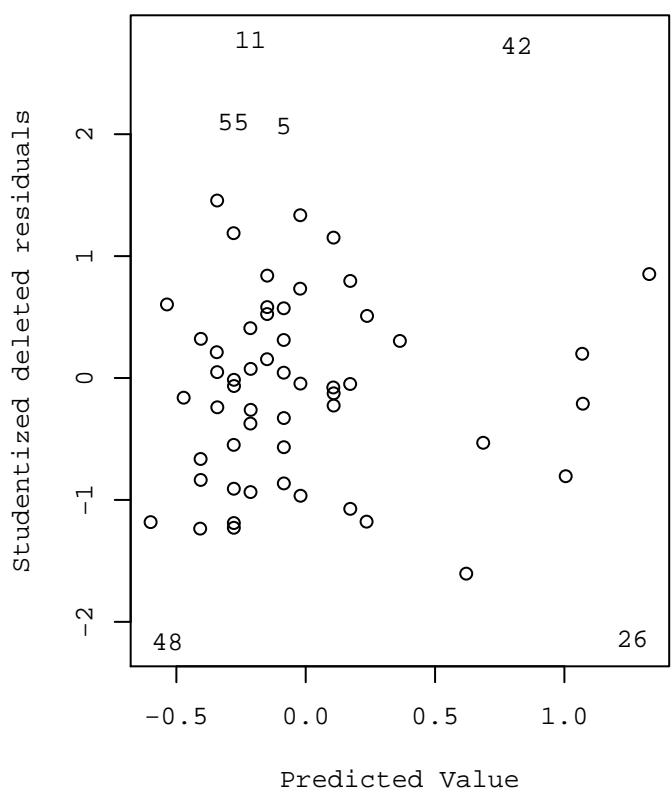
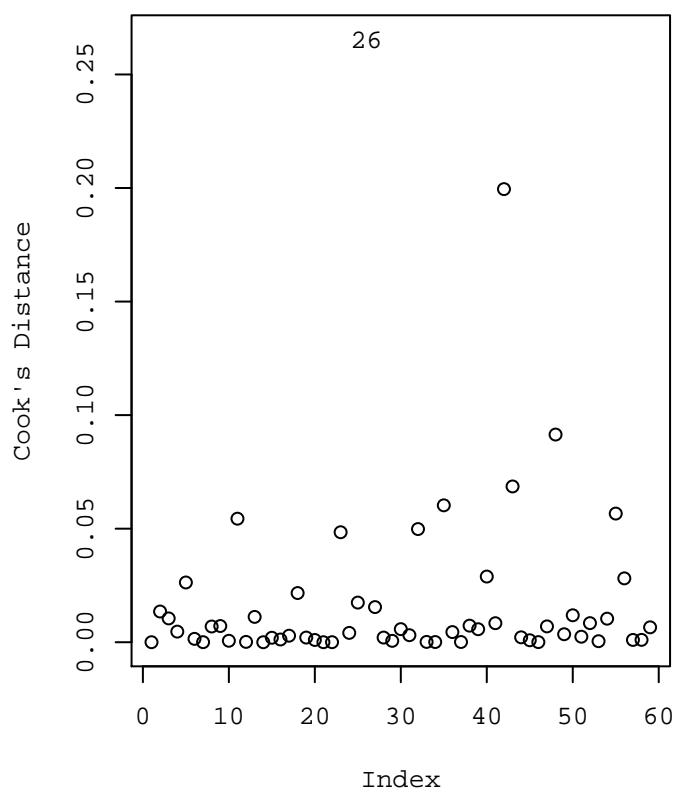
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[1] 3
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```
$`Degree of Freedom`
[1] 56
```

```
$SSE
[1] 2.408057
```

```
$MSE
[1] 0.04300102
```

Influence Diagnostics on Eta 1



Multiple Linear Regression : ETA 2

Residuals:

Min	1Q	Median	3Q	Max
-0.31150	-0.11293	-0.01026	0.09137	0.42215

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)		
(Intercept)	-0.7772821	0.0719026	-10.810	2.52e-15 ***		
BWT	0.5038668	0.0310353	16.235	< 2e-16 ***		
APGA	0.0007423	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	-0.777282057	0.071902599	-10.81020806	2.518710e-15
2	BWT	0.503866776	0.031035317	16.23527063	0.000000e+00
3	APGA	0.000742306	0.009772096	0.07596181	9.397202e-01

\$`Influence Diagnostics with DFBETAs`

	Yhat	Residual	R-Student	hat	Cook's D	COV-Ratio	DFFITS
1	-0.06667243	0.011444728	0.07092776	0.01915782	3.334602e-05	1.0758648	0.009912651
2	-0.01480114	-0.150032861	-0.94828185	0.04165458	1.305198e-02	1.0491180	-0.197700510
3	-0.01702806	0.210287057	1.32267023	0.01756933	1.029109e-02	0.9780860	0.176879788
4	-0.31934812	-0.106231878	-0.66484522	0.03054887	4.689624e-03	1.0629701	-0.118019878
5	-0.06667243	0.323488428	2.08221754	0.01915782	2.664100e-02	0.8570739	0.291004449
6	-0.16893040	0.075862696	0.47265176	0.02564910	1.987847e-03	1.0702353	0.076686636
7	-0.26970375	0.005616751	0.03500783	0.03031533	1.300339e-05	1.0884700	0.006189863
8	-0.16744578	-0.161355216	-1.01125050	0.02314463	8.073108e-03	1.0224531	-0.155657028
9	-0.06593012	-0.119618878	-0.74834568	0.02775522	5.371283e-03	1.0531767	-0.126440679
10	-0.06667243	0.051196128	0.31756002	0.01915782	6.672786e-04	1.0702622	0.044381231
11	-0.16744578	0.422146784	2.80234034	0.02314463	5.525883e-02	0.7240248	0.431351053
12	-0.11780141	0.038425612	0.23822512	0.01894049	3.714730e-04	1.0725980	0.033100574
13	-0.21857477	-0.190162233	-1.19620041	0.02326701	1.127515e-02	1.0005468	-0.184623203
14	-0.21783246	-0.035522539	-0.22103585	0.02624629	4.465424e-04	1.0811104	-0.036288758
15	-0.11705911	0.085897006	0.53413652	0.02078181	2.044398e-03	1.0613425	0.077813366
16	-0.16596117	-0.032610828	-0.20542034	0.04994043	7.522450e-04	1.1084751	-0.047097099
17	-0.21931707	-0.083170927	-0.51892306	0.02761280	2.582617e-03	1.0697281	-0.087445717
18	-0.26970375	0.198661151	1.25581912	0.03031533	1.626717e-02	1.0000275	0.222045992
19	-0.27267297	0.035133975	0.22980406	0.11867324	2.411118e-03	1.1942319	0.084326797
20	-0.16818809	-0.064815910	-0.40258798	0.02073433	1.161281e-03	1.0684193	-0.058580836
21	0.13487428	-0.003126282	-0.01938288	0.02005026	2.608878e-06	1.0771181	-0.002772530
22	-0.01554344	-0.008402855	-0.05226558	0.02630109	2.504167e-05	1.0838935	-0.008589945
23	0.78693187	-0.128142867	-0.87569568	0.18214410	5.716569e-02	1.2381097	-0.413259044
24	0.83657624	0.032414762	0.22747127	0.23436476	5.370555e-03	1.3747665	0.125852470
25	-0.42383301	0.109180008	0.71946786	0.12438605	2.472394e-02	1.1720835	0.271169536
26	0.99293241	-0.311500413	-2.16862229	0.15634811	2.725012e-01	0.9781693	-0.933573650
27	0.18377635	-0.191501987	-1.21079580	0.03259070	1.632694e-02	1.0083055	-0.222235072
28	0.84177238	-0.029579380	-0.19362487	0.12030373	1.738909e-03	1.1974447	-0.071603511
29	-0.26821914	-0.039138861	-0.24404350	0.03008678	6.263418e-04	1.0847585	-0.042982204
30	0.13561659	0.133383412	0.83489229	0.02637173	6.327628e-03	1.0439374	0.137405194
31	-0.06593012	-0.092878878	-0.57988680	0.02775522	3.238266e-03	1.0660040	-0.097977824
32	1.04331909	0.128350909	0.87052288	0.16984057	5.190407e-02	1.2203529	0.393749628
33	0.08522991	-0.018192610	-0.11312783	0.02560935	1.141320e-04	1.0825296	-0.018340119
34	0.08226069	-0.010264486	-0.06436664	0.04199795	6.163888e-05	1.1015683	-0.013476952
35	0.48609641	-0.237994413	-1.54498572	0.06735528	5.607351e-02	0.9963403	-0.415195055
36	-0.01777036	0.100440063	0.62626487	0.02419105	3.276605e-03	1.0588959	0.098605925
37	-0.16596117	0.012692172	0.07992382	0.04994043	1.139482e-04	1.1106414	0.018324281
38	-0.11631680	0.133040200	0.83426993	0.02994819	7.201643e-03	1.0478449	0.146586653
39	0.18748788	0.073743122	0.46808445	0.06135312	4.841281e-03	1.1112040	0.119671692
40	-0.22080169	0.188747585	1.20951495	0.05827958	2.993094e-02	1.0359814	0.300890482
41	0.08448760	0.186458396	1.16952597	0.01871889	8.640567e-03	0.9992579	0.161530022
42	0.64022567	0.397634330	2.71310918	0.08258829	1.983548e-01	0.7893351	0.814037390
43	-0.32305965	-0.187356347	-1.24277218	0.11983867	6.942155e-02	1.1036493	-0.458573414
44	-0.06667243	0.096833928	0.60206712	0.01915782	2.387196e-03	1.0551598	0.084143087
45	-0.37270402	-0.022995976	-0.14796577	0.08980383	7.328474e-04	1.1583038	-0.046477329
46	-0.21709016	-0.012149845	-0.07597480	0.03655064	7.431281e-05	1.0952428	-0.014797985
47	0.53945231	-0.084252315	-0.53707924	0.06816358	7.123965e-03	1.1151186	-0.145259563

Multiple Linear Regression - Influence : ETA 2

	Intercept	BWT	APGA
1	0.0017157022	-0.002337334	0.0029199217
2	0.0685556518	0.041671809	-0.1521861708
3	0.0780582051	0.001848707	-0.0326251141
4	-0.0741417187	0.076934183	-0.0025367241
5	0.0503676545	-0.068616814	0.0857197771
6	0.0609252284	-0.019858988	-0.0339323262
7	0.0051313729	-0.002841021	-0.0021850606
8	-0.0420094541	0.072723215	-0.0513350540
9	0.0145207721	0.036003311	-0.0768744019
10	0.0076815957	-0.010464784	0.0130731653
11	0.1164150601	-0.201527910	0.1422578207
12	0.0181820738	-0.008912273	-0.0036189404
13	-0.1121992412	0.091377256	0.0068324635
14	-0.0111122754	0.020226141	-0.0122914771
15	0.0175467623	-0.027990987	0.0245447256
16	0.0095090454	0.021218405	-0.0360827105
17	-0.0714570002	0.031939592	0.0348180200
18	0.1840752709	-0.101914579	-0.0783836292
19	0.0775232186	-0.005068991	-0.0743024208
20	-0.0342336534	0.022894399	0.0042089737
21	0.0002006431	-0.000866315	-0.0004301332
22	0.0014663120	0.001494612	-0.0051160229
23	-0.0493327351	-0.342118302	0.2723074585
24	0.0222232739	0.100694082	-0.0900621081
25	0.2632231005	-0.060255494	-0.2225396497
26	0.5708796402	-0.806023342	-0.1489593691
27	-0.0829466056	-0.114568838	0.1277441527
28	0.0446198915	-0.058572298	-0.0159358283
29	-0.0144121465	0.027138427	-0.0147626144
30	-0.0451292935	0.024912316	0.0697939368
31	0.0112520247	0.027898664	-0.0595693305
32	-0.2391856774	0.344534217	0.0557874937
33	0.0051326407	-0.001171561	-0.0099921147
34	-0.0083894056	-0.004565830	0.0101858028
35	-0.0257160069	-0.333382279	0.2111356132
36	0.0644023325	0.010262249	-0.0538676009
37	-0.0036997272	-0.008255540	0.0140388630
38	-0.0089632223	-0.056463043	0.0897797295
39	-0.0715366230	0.009208579	0.0960596384
40	0.2766544937	-0.038750863	-0.2333242044
41	-0.0020026961	0.029544345	0.0314857926
42	-0.5153501698	0.585905781	0.2719205611

Multiple Linear Regression - Influence : ETA 2

```
43 -0.4308475645  0.052891728  0.3958636553
44  0.0145636602 -0.019840351  0.0247856232
45 -0.0450870418  0.011469151  0.0362326233
46 -0.0005046831  0.008134925 -0.0089316927
47  0.0917094341 -0.093695607 -0.0586412590
48 -0.0843668105  0.377002123 -0.2780100842
49 -0.0066443237 -0.041855342  0.0665525824
50 -0.1233572231  0.100464535  0.0075119379
51 -0.0070567283 -0.057397937  0.0671752604
52 -0.0648023255  0.125053714 -0.0624362567
53  0.0089663853 -0.002046640 -0.0174555664
54  0.0575423536 -0.031764586 -0.0889911426
55  0.3882379360 -0.099605539 -0.2749540955
56 -0.2731165044  0.174978379  0.1271463507
57  0.0022259420  0.036135686 -0.0163030309
58  0.0072977383  0.018094268 -0.0386349474
59 -0.0847483155  0.069020686  0.0051608172
```

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

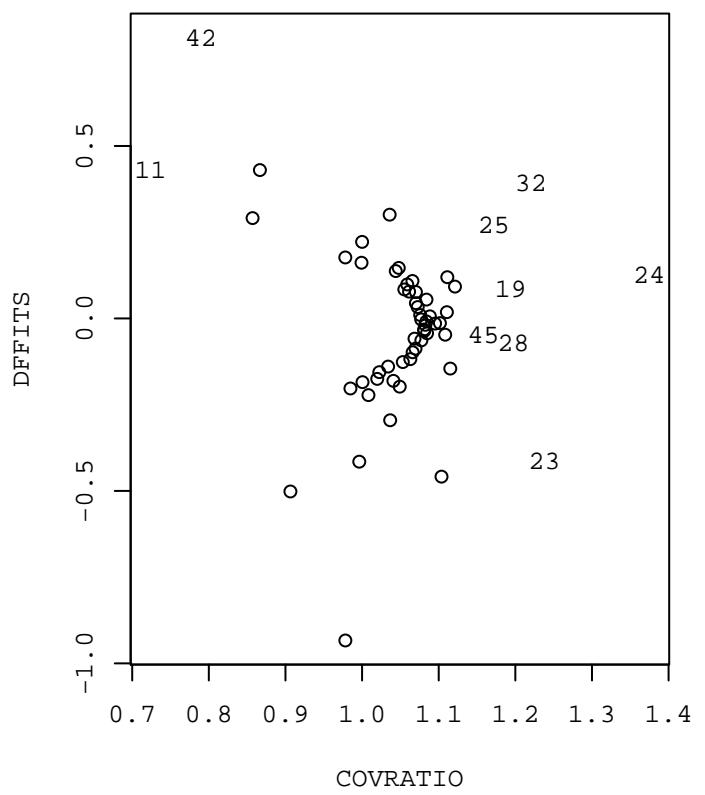
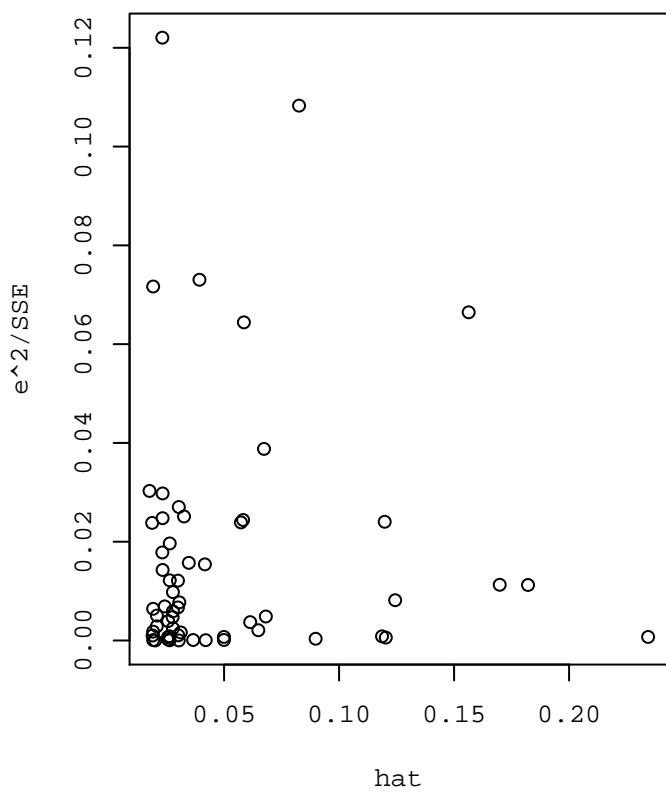
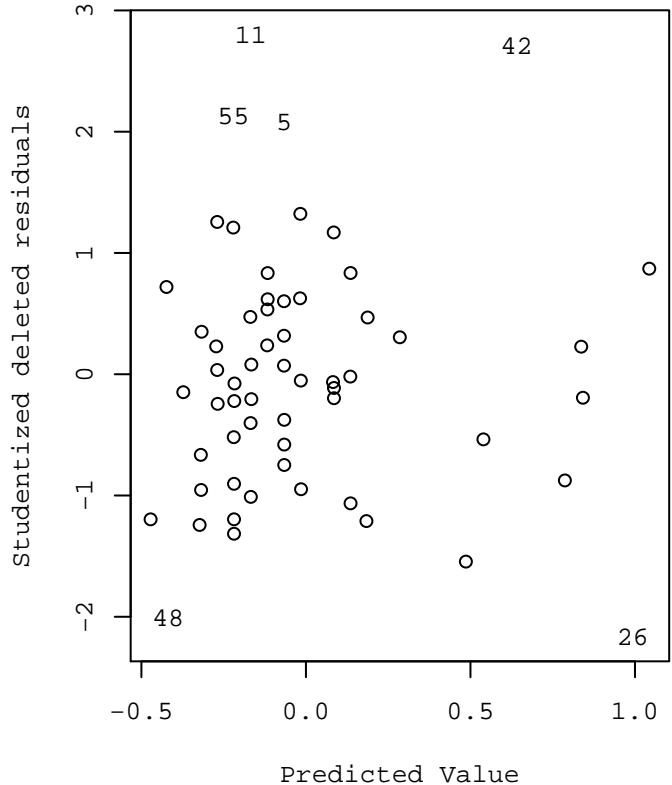
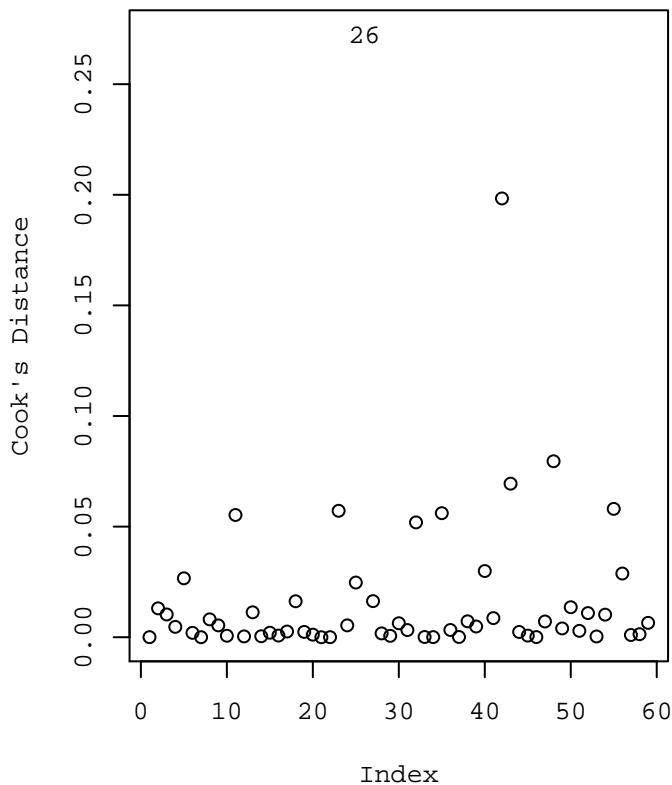
```
$`Parameter Count`
[1] 3
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```
$`Degree of Freedom`
[1] 56
```

```
$SSE
[1] 1.460097
```

```
$MSE
[1] 0.02607316
```

Influence Diagnostics on Eta 2



ETA 1

ID	ETA1	seETA1	LL1	UL1	ZERO1	RSE1	SHR1
1	-0.07586270	0.01141610	-0.09869490	-0.05303050	FALSE	0.150483703	0.022660057
2	-0.21623300	0.00865062	-0.23353424	-0.19893176	FALSE	0.040006012	0.017170798
3	0.25150900	0.00862549	0.23425802	0.26875998	FALSE	0.034294956	0.017120917
4	-0.54252300	0.00812653	-0.55877606	-0.52626994	FALSE	0.014979144	0.016130520
5	0.32792400	0.01128900	0.30534600	0.35050200	FALSE	0.034425660	0.022407774
6	-0.12971700	0.00845630	-0.14662960	-0.11280440	FALSE	0.065190376	0.016785088
7	-0.33242500	0.00850109	-0.34942718	-0.31542282	FALSE	0.025572956	0.016873992
8	-0.40528100	0.00654967	-0.41838034	-0.39218166	FALSE	0.016160812	0.013000578
9	-0.26176100	0.00495151	-0.27166402	-0.25185798	FALSE	0.018916149	0.009828356
10	-0.02037070	0.00780198	-0.03597466	-0.00476674	FALSE	0.383000093	0.015486314
11	0.32458300	0.01914650	0.28629000	0.36287600	FALSE	0.058987994	0.038004291
12	0.11752000	0.00690616	-0.13133232	-0.10370768	FALSE	0.058765827	0.013708182
13	-0.52075500	0.00833681	-0.53742862	-0.50408138	FALSE	0.016009083	0.016547910
14	-0.28055000	0.00585965	-0.29226930	-0.26883070	FALSE	0.020886295	0.011630943
15	-0.04073620	0.01050950	-0.06175520	-0.01971720	FALSE	0.257989209	0.020860528
16	-0.26586200	0.00729219	-0.28044638	-0.25127762	FALSE	0.027428478	0.014474421
17	-0.39106400	0.00682370	-0.40471140	-0.37741660	FALSE	0.017449062	0.013544506
18	-0.04800940	0.00621045	-0.06043030	-0.03558850	FALSE	0.129359042	0.012327253
19	-0.30218100	0.00762623	-0.31743346	-0.28692854	FALSE	0.025237292	0.015137464
20	-0.29093700	0.00736316	-0.30566332	-0.27621068	FALSE	0.025308434	0.014615291
21	0.16169900	0.00654022	0.14861856	0.17477944	FALSE	0.040446880	0.012981820
22	-0.02982370	0.01329410	-0.05641190	-0.00323550	FALSE	0.445756227	0.026387739
23	0.85345800	0.00697984	0.83949832	0.86741768	FALSE	0.008178305	0.013854431
24	1.10521000	0.00443319	1.09634362	1.11407638	FALSE	0.004011174	0.008799532
25	-0.41855300	0.00507113	-0.42869526	-0.40841074	FALSE	0.012115861	0.010065793
26	0.86894400	0.00801797	0.85290806	0.88497994	FALSE	0.009227257	0.015915037
27	-0.00410238	0.00993465	-0.02397168	0.01576692	TRUE	2.421679610	0.019719496
28	1.02989000	0.03138330	0.96712340	1.09265660	FALSE	0.030472478	0.062293373
29	-0.39119400	0.02261840	-0.43643080	-0.34595720	FALSE	0.057818883	0.044895738
30	0.33564000	0.01408150	0.30747700	0.36380300	FALSE	0.041954177	0.027950666
31	-0.20134100	0.02302920	-0.24739940	-0.15528260	FALSE	0.114379088	0.045711144
32	1.48947000	0.01067660	1.46811680	1.51082320	FALSE	0.007168053	0.021192208
33	0.08205330	0.01229720	0.05745890	0.10664770	FALSE	0.149868439	0.024408971
34	0.09076480	0.01137180	0.06802120	0.11350840	FALSE	0.125288658	0.022572125
35	0.30355100	0.00872063	0.28610974	0.32099226	FALSE	0.028728714	0.017309762
36	0.12928600	0.00747171	0.11434258	0.14422942	FALSE	0.057792104	0.014830754
37	-0.19737000	0.00982567	-0.21702134	-0.17771866	FALSE	0.049782996	0.019503179
38	0.02318850	0.00578108	0.01162634	0.03475066	FALSE	0.249308062	0.011474987
39	0.34003200	0.00553947	0.32895306	0.35111094	FALSE	0.016291026	0.010995411
40	-0.04066360	0.01804140	-0.07674640	-0.00458080	FALSE	0.443674441	0.035810755
41	0.34350700	0.01017720	0.32315260	0.36386140	FALSE	0.029627344	0.020200939
42	1.32657000	0.02038690	1.28579620	1.36734380	FALSE	0.015368130	0.040466387
43	-0.64717400	0.02730000	-0.70177400	-0.59257400	FALSE	0.042183400	0.054188345
44	0.03323940	0.00834141	0.01655658	0.04992222	FALSE	0.250949476	0.016557040
45	-0.50400600	0.01053780	-0.52508160	-0.48293040	FALSE	0.020908084	0.020916701
46	-0.29065800	0.02994040	-0.35053880	-0.23077720	FALSE	0.103009035	0.059429330
47	0.57899700	0.01957580	0.53984540	0.61814860	FALSE	0.033809847	0.038856417
48	-0.95627700	0.00456630	-0.96540960	-0.94714440	FALSE	0.004775081	0.009063745
49	-0.02925140	0.00721993	-0.04369126	-0.01481154	FALSE	0.246823400	0.014330991
50	-0.52850000	0.00501634	-0.53853268	-0.51846732	FALSE	0.009491656	0.009957039
51	-0.34025100	0.00780223	-0.35585546	-0.32464654	FALSE	0.022930807	0.015486811
52	-0.57667500	0.00675734	-0.59018968	-0.56316032	FALSE	0.011717761	0.013412786
53	0.06133440	0.01194600	0.03744240	0.08522640	FALSE	0.194768352	0.023711867
54	-0.04709930	0.00601026	-0.05911982	-0.03507878	FALSE	0.127608266	0.011929892

ETA 1

55	55	0.13580500	0.02279980	0.09020540	0.18140460	FALSE	0.167886308	0.045255803
56	56	-0.83664700	0.03327890	-0.90320480	-0.77008920	FALSE	0.039776513	0.066055989
57	57	0.42664600	0.01116940	0.40430720	0.44898480	FALSE	0.026179549	0.022170377
58	58	-0.15224900	0.00749753	-0.16724406	-0.13725394	FALSE	0.049245184	0.014882005
59	59	-0.46429800	0.00656870	-0.47743540	-0.45116060	FALSE	0.014147595	0.013038351

ETA 2

ID	ETA2	seETA2	LL2	UL2	ZERO2	RSE2	SHR2
1	-0.05522770	0.00578321	-0.06679412	-0.04366128	FALSE	0.104715750	0.014686285
2	-0.16483400	0.00431514	-0.17346428	-0.15620372	FALSE	0.026178701	0.010958166
3	0.19325900	0.00445092	0.18435716	0.20216084	FALSE	0.023030855	0.011302975
4	-0.42558000	0.00378097	-0.43314194	-0.41801806	FALSE	0.008884276	0.009601657
5	0.25681600	0.00601152	0.24479296	0.26883904	FALSE	0.023407887	0.015266071
6	-0.09306770	0.00417974	-0.10142718	-0.08470822	FALSE	0.044910748	0.010614322
7	-0.26408700	0.00443952	-0.27296604	-0.25520796	FALSE	0.016810824	0.011274025
8	-0.32880100	0.00294533	-0.33469166	-0.32291034	FALSE	0.008957789	0.007479575
9	-0.18554900	0.00291978	-0.19138856	-0.17970944	FALSE	0.015735897	0.007414692
10	-0.01547630	0.00386956	-0.02321542	-0.00773718	FALSE	0.250031338	0.009826629
11	0.25470100	0.01056800	0.23356500	0.27583700	FALSE	0.041491788	0.026837112
12	-0.07937580	0.00444461	-0.08826502	-0.07048658	FALSE	0.055994522	0.011286951
13	-0.40873700	0.00442276	-0.41758252	-0.39989148	FALSE	0.010820552	0.011231463
14	-0.25335500	0.00342666	-0.26020832	-0.24650168	FALSE	0.013525133	0.008701898
15	-0.03116210	0.00565459	-0.04247128	-0.01985292	FALSE	0.181457283	0.014359658
16	-0.19857200	0.00342475	-0.20542150	-0.19172250	FALSE	0.017246893	0.008697048
17	-0.30248800	0.00333037	-0.30914874	-0.29582726	FALSE	0.011009924	0.008457373
18	-0.07104260	0.00380533	-0.07865326	-0.06343194	FALSE	0.053564059	0.009663519
19	-0.23753900	0.00386923	-0.24527746	-0.22980054	FALSE	0.016288820	0.009825791
20	-0.23300400	0.00334166	-0.23968732	-0.22632068	FALSE	0.014341642	0.008486043
21	0.13174800	0.00414340	0.12346120	0.14003480	FALSE	0.031449434	0.010522037
22	-0.02394630	0.00621527	-0.03637684	-0.01151576	FALSE	0.259550327	0.015783488
23	0.65878900	0.00370131	0.65138638	0.66619162	FALSE	0.005618354	0.009399363
24	0.86899100	0.00252054	0.86394992	0.87403208	FALSE	0.002900536	0.006400834
25	-0.31465300	0.00200550	-0.31866400	-0.31064200	FALSE	0.006373688	0.005092906
26	0.68143200	0.00413805	0.67315590	0.68970810	FALSE	0.006072580	0.010508451
27	-0.00772564	0.00457358	-0.01687280	0.00142152	TRUE	0.592000145	0.011614466
28	0.81219300	0.01673180	0.77872940	0.84565660	FALSE	0.020600769	0.042489893
29	-0.30735800	0.01234640	-0.33205080	-0.28266520	FALSE	0.040169444	0.031353304
30	0.26900000	0.00865518	0.25168964	0.28631036	FALSE	0.032175390	0.021979564
31	-0.15880900	0.01148670	-0.18178240	-0.13583560	FALSE	0.072330284	0.029170123
32	1.17167000	0.00524880	1.16117240	1.18216760	FALSE	0.004479760	0.013329167
33	0.06703730	0.00580560	0.05542610	0.07864850	FALSE	0.086602533	0.014743143
34	0.07199620	0.00546534	0.06106552	0.08292688	FALSE	0.075911506	0.013879063
35	0.24810200	0.00417250	0.23975700	0.25644700	FALSE	0.016817680	0.010595936
36	0.08266970	0.00468244	0.07330482	0.09203458	FALSE	0.056640341	0.011890913
37	-0.15326900	0.00521994	-0.16370888	-0.14282912	FALSE	0.034057376	0.013255878
38	0.01672340	0.00383901	0.00904538	0.02440142	FALSE	0.229559181	0.009749048
39	0.26123100	0.00336381	0.25450338	0.26795862	FALSE	0.012876764	0.008542292
40	-0.03205410	0.00841904	-0.04889218	-0.01521602	FALSE	0.262650956	0.021379894
41	0.27094600	0.00448303	0.26197994	0.27991206	FALSE	0.016545843	0.011384517
42	1.03786000	0.01150180	1.01485640	1.06086360	FALSE	0.011082227	0.029208469
43	-0.51041600	0.01416870	-0.53875340	-0.48207860	FALSE	0.027759122	0.035980979
44	0.03016150	0.00518237	0.01979676	0.04052624	FALSE	0.171820699	0.013160470
45	-0.39570000	0.00507164	-0.40584328	-0.38555672	FALSE	0.012816881	0.012879274
46	-0.22924000	0.01580800	-0.26085600	-0.19762400	FALSE	0.068958297	0.040143932
47	0.45520000	0.01028550	0.43462900	0.47577100	FALSE	0.022595562	0.026119712
48	-0.72532800	0.00179903	-0.72892606	-0.72172994	FALSE	0.002480299	0.004568582
49	-0.01741700	0.00349113	-0.02439926	-0.01043474	FALSE	0.200443819	0.008865618
50	-0.42709700	0.00183401	-0.43076502	-0.42342898	FALSE	0.004294130	0.004657412
51	-0.26195200	0.00378158	-0.26951516	-0.25438884	FALSE	0.014436156	0.009603207
52	-0.47014000	0.00354281	-0.47722562	-0.46305438	FALSE	0.007535649	0.008996857
53	0.05345620	0.00531019	0.04283582	0.06407658	FALSE	0.099337214	0.013485065
54	-0.03379260	0.00231778	-0.03842816	-0.02915704	FALSE	0.068588389	0.005885931

ETA 2

55	55	0.10651100	0.01296620	0.08057860	0.13244340	FALSE	0.121735783	0.032927268
56	56	-0.65884600	0.01830530	-0.69545660	-0.62223540	FALSE	0.027783883	0.046485748
57	57	0.33412600	0.00574027	0.32264546	0.34560654	FALSE	0.017179956	0.014577240
58	58	-0.12627500	0.00349634	-0.13326768	-0.11928232	FALSE	0.027688299	0.008878848
59	59	-0.36300000	0.00291308	-0.36882616	-0.35717384	FALSE	0.008025014	0.007397677