

Obs	sex	shintyou	taijyuu	kyoui	jitaku	kodukai	carryer	tsuuwa
1	F	146.7	41.0	85	自宅生	10000	Vodafone	6000
2	F	148.0	43.0	80	自宅生	50000	DoCoMo	4000
3	F	150.0	46.0	86		40000		.
4	F	151.7	41.5	80	自宅生	35000		.
5	F	152.0	35.0	77	自宅生	60000	DoCoMo	2000
6	F	153.0	46.5	87	下宿生	10000		.
7	F	153.0	55.0	78	自宅生	30000		.
8	F	154.4	44.0	75	自宅生	9000	au	2000
9	F	155.0	48.0	83	下宿生	180000		.
10	F	156.0	42.0	85	自宅生	0	DoCoMo	15000

The REG Procedure
 Model: MODEL1
 Dependent Variable: tajyyuu

Number of Observations Read	149
Number of Observations Used	149

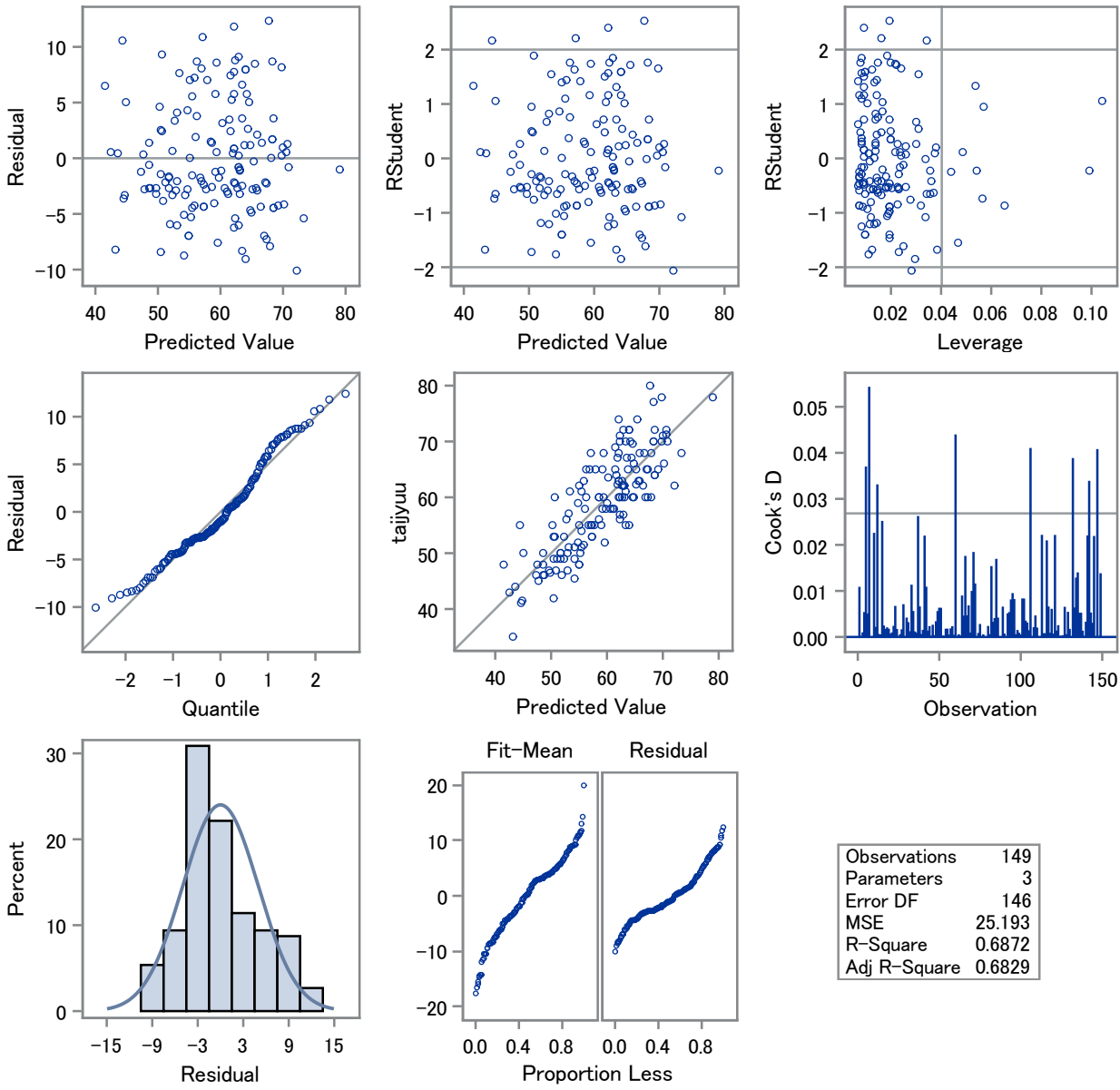
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	8081.64748	4040.82374	160.39	<.0001
Error	146	3678.18487	25.19305		
Corrected Total	148	11760			

Root MSE	5.01927	R-Square	0.6872
Dependent Mean	59.14899	Adj R-Sq	0.6829
Coeff Var	8.48580		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-97.81637	8.88361	-11.01	<.0001
shintyou	1	0.62775	0.05213	12.04	<.0001
kyoui	1	0.59200	0.06789	8.72	<.0001

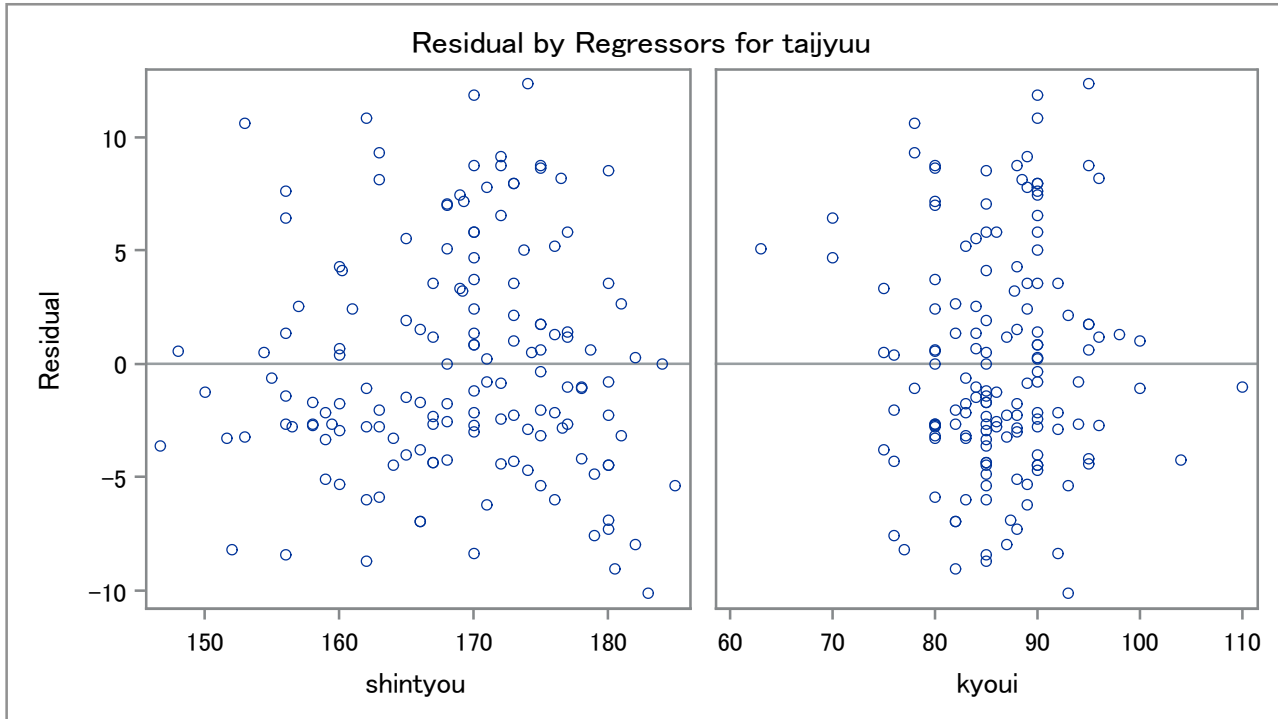
The REG Procedure
 Model: MODEL1
 Dependent Variable: taijyuu

Fit Diagnostics for taijyuu



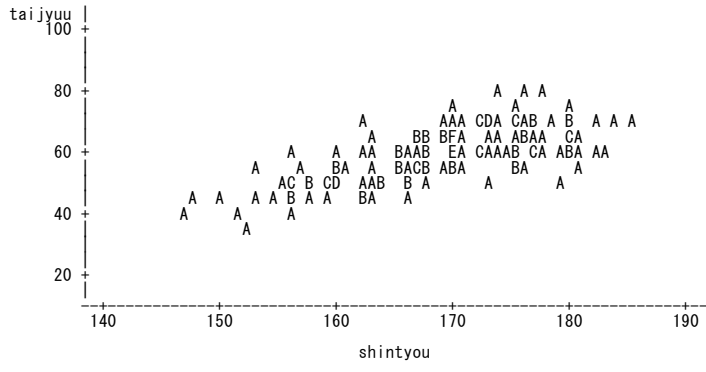
Observations	149
Parameters	3
Error DF	146
MSE	25.193
R-Square	0.6872
Adj R-Square	0.6829

The REG Procedure
Model: MODEL1
Dependent Variable: tajyuu

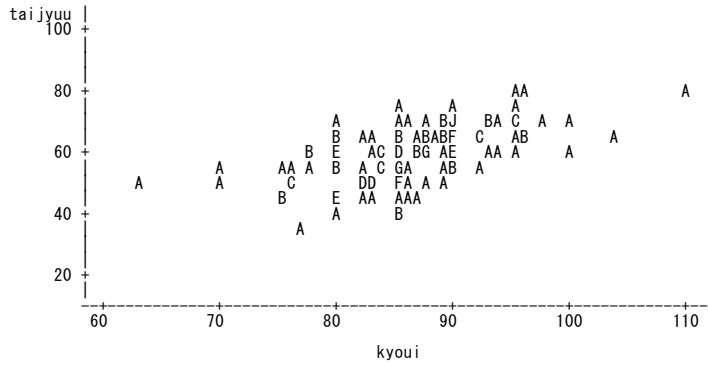


Obs	sex	shintyou	taijyuu	kyoui	jitaku	kodukai	carryer	tsuuwa	pred2	resid2
1	F	146.7	41.0	85	自宅生	10000	Vodafone	6000	44.5948	-3.5948
2	F	148.0	43.0	80	自宅生	50000	DoCoMo	4000	42.4508	0.5492
3	F	150.0	46.0	86		40000		.	47.2583	-1.2583
4	F	151.7	41.5	80	自宅生	35000		.	44.7735	-3.2735
5	F	152.0	35.0	77	自宅生	60000	DoCoMo	2000	43.1859	-8.1859
6	F	153.0	46.5	87	下宿生	10000		.	49.7336	-3.2336
7	F	153.0	55.0	78	自宅生	30000		.	44.4056	10.5944
8	F	154.4	44.0	75	自宅生	9000	au	2000	43.5085	0.4915
9	F	155.0	48.0	83	下宿生	180000		.	48.6211	-0.6211
10	F	156.0	42.0	85	自宅生	0	DoCoMo	15000	50.4329	-8.4329
11	F	156.0	46.0	82	自宅生	10000	Vodafone	7000	48.6569	-2.6569
12	F	156.0	48.0	70	自宅生	30000		.	41.5529	6.4471
13	F	156.0	49.0	85	自宅生	25000		.	50.4329	-1.4329
14	F	156.0	50.0	82	自宅生	40000	Vodafone	10000	48.6569	1.3431
15	M	156.0	61.0	90	自宅生	0		.	53.3928	7.6072

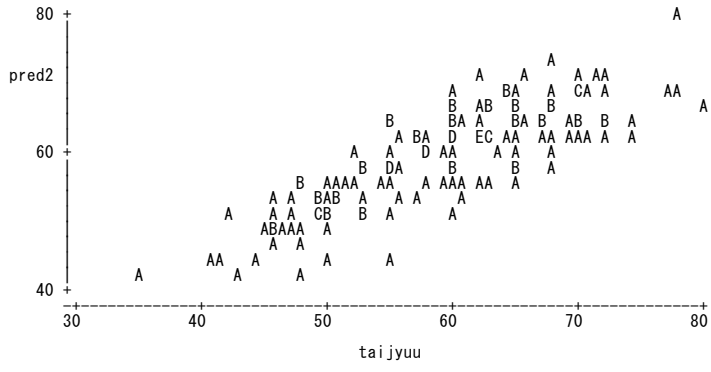
Plot of taijyuu*shintyuu. Legend: A = 1 obs, B = 2 obs, etc.

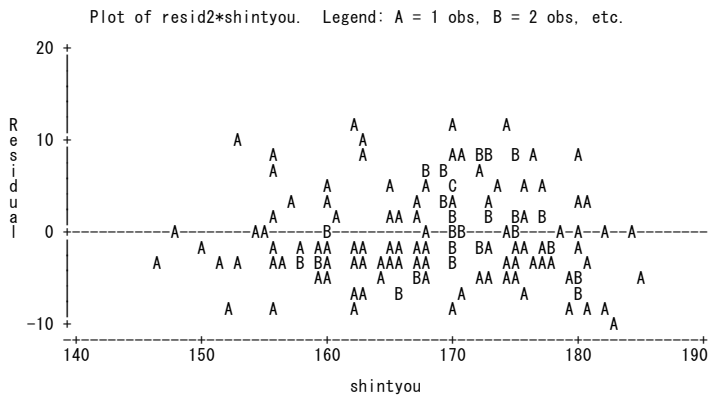


Plot of taijyuu*kyoui. Legend: A = 1 obs, B = 2 obs, etc.

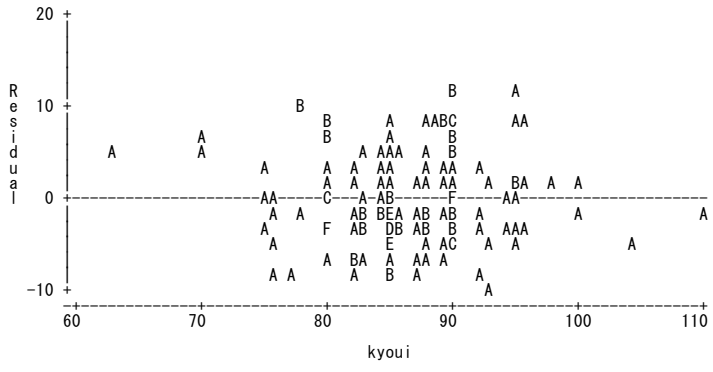


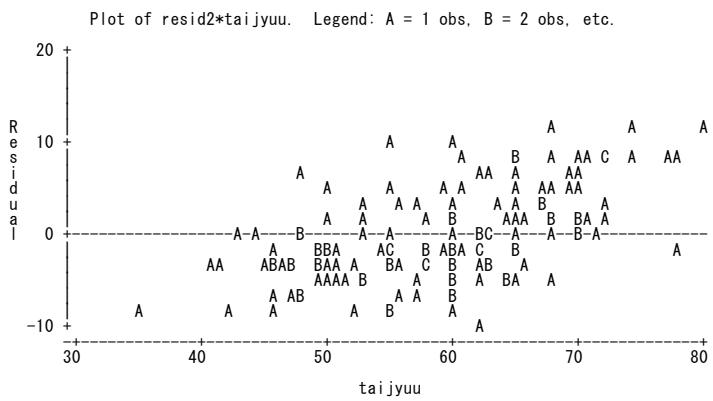
Plot of pred2*taijyuu. Legend: A = 1 obs, B = 2 obs, etc.





Plot of resid2*kyoui. Legend: A = 1 obs, B = 2 obs, etc.





The UNIVARIATE Procedure
Variable: resid2 (Residual)

Moments			
N	149	Sum Weights	149
Mean	0	Sum Observations	0
Std Deviation	4.98523826	Variance	24.8526005
Skewness	0.43524819	Kurtosis	-0.4677646
Uncorrected SS	3678.18487	Corrected SS	3678.18487
Coeff Variation	.	Std Error Mean	0.40840663

Basic Statistical Measures			
Location		Variability	
Mean	0.00000	Std Deviation	4.98524
Median	-1.04335	Variance	24.85260
Mode	-6.93439	Range	22.46578
		Interquartile Range	6.55992

Note: The mode displayed is the smallest of 6 modes with a count of 2.

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	0	Pr > t	1.0000
Sign	M	-8.5	Pr >= M	0.1898
Signed Rank	S	-343.5	Pr >= S	0.5169

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.968875	Pr < W	0.0018
Kolmogorov-Smirnov	D	0.094669	Pr > D	<0.0100
Cramer-von Mises	W-Sq	0.300618	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	1.700806	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
100% Max	12.34762
99%	11.81862
95%	8.73859
90%	7.93536
75% Q3	3.32633
50% Median	-1.04335
25% Q1	-3.23359
10%	-5.98791
5%	-7.54320
1%	-9.03681
0% Min	-10.11816

The UNIVARIATE Procedure
 Variable: resid2 (Residual)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-10.11816	147	9.31685	41
-9.03681	142	10.59438	7
-8.69937	33	10.84064	37
-8.43286	10	11.81862	85
-8.36538	72	12.34762	106

