

Automatic procedures: Backward selection**The GLMSELECT Procedure**

Data Set	WORK.LAWSUIT
Dependent Variable	log_sal94
Selection Method	Stepwise
Select Criterion	SBC
Stop Criterion	SBC
Effect Hierarchy Enforced	None

Number of Observations Read	261
Number of Observations Used	261

Class Level Information		
Class	Levels	Values
dept	6	Biochemi Genetics Medicine Pediatri Physiolo Surgery
gender	2	Female Male
clin	2	clinical research
cert	2	Not cert certifie
rank	3	assistan associat full

Dimensions	
Number of Effects	8
Number of Parameters	18

Automatic procedures: Backward selection

The GLMSELECT Procedure

Stepwise Selection Summary					
Step	Effect Entered	Effect Removed	Number Effects In	Number Params In	SBC
0	Intercept		1	1	-348.7244
1	dept		2	6	-654.7559
2	exper		3	7	-827.2373
3	clin		4	8	-885.0629
4	cert		5	9	-934.3585
5	rank		6	11	-998.2395*
* Optimal Value of Criterion					

Selection stopped at a local minimum of the SBC criterion.

Stop Details				
Candidate For	Effect	Candidate SBC		Compare SBC
Entry	prate	-995.2451	>	-998.2395
Removal	rank	-934.3585	>	-998.2395

Automatic procedures: Backward selection

The GLMSELECT Procedure
Selected Model

The selected model is the model at the last step (Step 5).

Effects:	Intercept dept clin cert exper rank
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Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	10	62.65530	6.26553	347.65
Error	250	4.50563	0.01802	
Corrected Total	260	67.16093		

Root MSE	0.13425
Dependent Mean	11.81369
R-Square	0.9329
Adj R-Sq	0.9302
AIC	-774.44922
AICC	-773.19115
SBC	-998.23949

Parameter Estimates				
Parameter	DF	Estimate	Standard Error	t Value
Intercept	1	12.298668	0.043540	282.47
dept Biochemi	1	-0.940948	0.035030	-26.86
dept Genetics	1	-0.754956	0.038792	-19.46
dept Medicine	1	-0.398133	0.026319	-15.13
dept Pediatri	1	-0.744871	0.033186	-22.45
dept Physiolo	1	-1.119150	0.033500	-33.41
dept Surgery	0	0	.	.
clin clinical	1	0.204889	0.021976	9.32
clin research	0	0	.	.
cert Not cert	1	-0.192846	0.021322	-9.04
cert certifie	0	0	.	.
exper	1	0.018023	0.001802	10.00
rank assistan	1	-0.230151	0.025585	-9.00
rank associat	1	-0.090090	0.023731	-3.80
rank full	0	0	.	.

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dept Genetics	1	-0.754956	0.038792	-19.46
dept Medicine	1	-0.398133	0.026319	-15.13
dept Pediatri	1	-0.744871	0.033186	-22.45
dept Physiolo	1	-1.119150	0.033500	-33.41
dept Surgery	0	0	.	.
clin clinical	1	0.204889	0.021976	9.32
clin research	0	0	.	.
cert Not cert	1	-0.192846	0.021322	-9.04
cert certifie	0	0	.	.
exper	1	0.018023	0.001802	10.00
rank assistan	1	-0.230151	0.025585	-9.00
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