Best subsets ideal model - main effects only

The LOGISTIC Procedure

Model Information

Data Set	WORK.TIMESINCEVAX	
Response Variable	breakthrough	breakthrough
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	3084648
Number of Observations Used	3084648

Response Profile

Ordered Value	breakthrough	Total Frequency
1	1	29677
2	0	3054971

Probability modeled is breakthrough=1.

Model Convergence Status

Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics

Criterion	Intercept Only	Intercept and Covariates
AIC	334698.88	9888.961
SC	334711.82	9927.787

-2 Log L	334696.88	9882.961

Testing Global Null Hypothesis: BETA=0

Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	324813.922	2	<.0001
Score	1677433.11	2	<.0001
Wald	2998.5594	2	<.0001

Analysis of Maximum Likelihood Estimates

Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-6.6629	0.0873	5826.4987	<.0001
followup_time	1	-4.3909	0.0810	2940.2357	<.0001
time_since_vax	1	132.9	2.4527	2935.7191	<.0001

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Association of Predicted Probabilities and Observed Responses

Percent Concordant	99.7	Somers' D	0.995
Percent Discordant	0.3	Gamma	0.995
Percent Tied	0.0	Tau-a	0.019
Pairs	90662374367	c	0.997

Odds Ratio Estimates and Wald Confidence Intervals

Odds Ratio	Estimate	95% Confidence Limits	
followup_time	0.012	0.011	0.015
time_since_vax	>999.999	>999.999	>999.999

Odds Ratio Estimates and Profile-Likelihood Confidence Intervals

Effect	Unit	Estimate	95% Confidence Limits	
followup_time	1.0000	0.012	0.011	0.014
time_since_vax	1.0000	>999.999	>999.999	>999.999