

## The LOGISTIC Procedure

Model Information	
Data Set	WORK.TRAINSET
Response Variable	TARGET1
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	53414
Number of Observations Used	53414

Response Profile		
Ordered Value	TARGET1	Total Frequency
1	0	45757
2	1	7657

Probability modeled is TARGET1='1'.

Class Level Information		
Class	Value	Design Variables
출산여부_6개월내	N	1
	Y	-1
농가구분	농가소	-1
	우시장	1

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	43908.507	36074.339
SC	43917.392	36145.425
-2 Log L	43906.507	36058.339

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	7848.1679	7	<.0001
Score	7066.8513	7	<.0001
Wald	5829.7152	7	<.0001

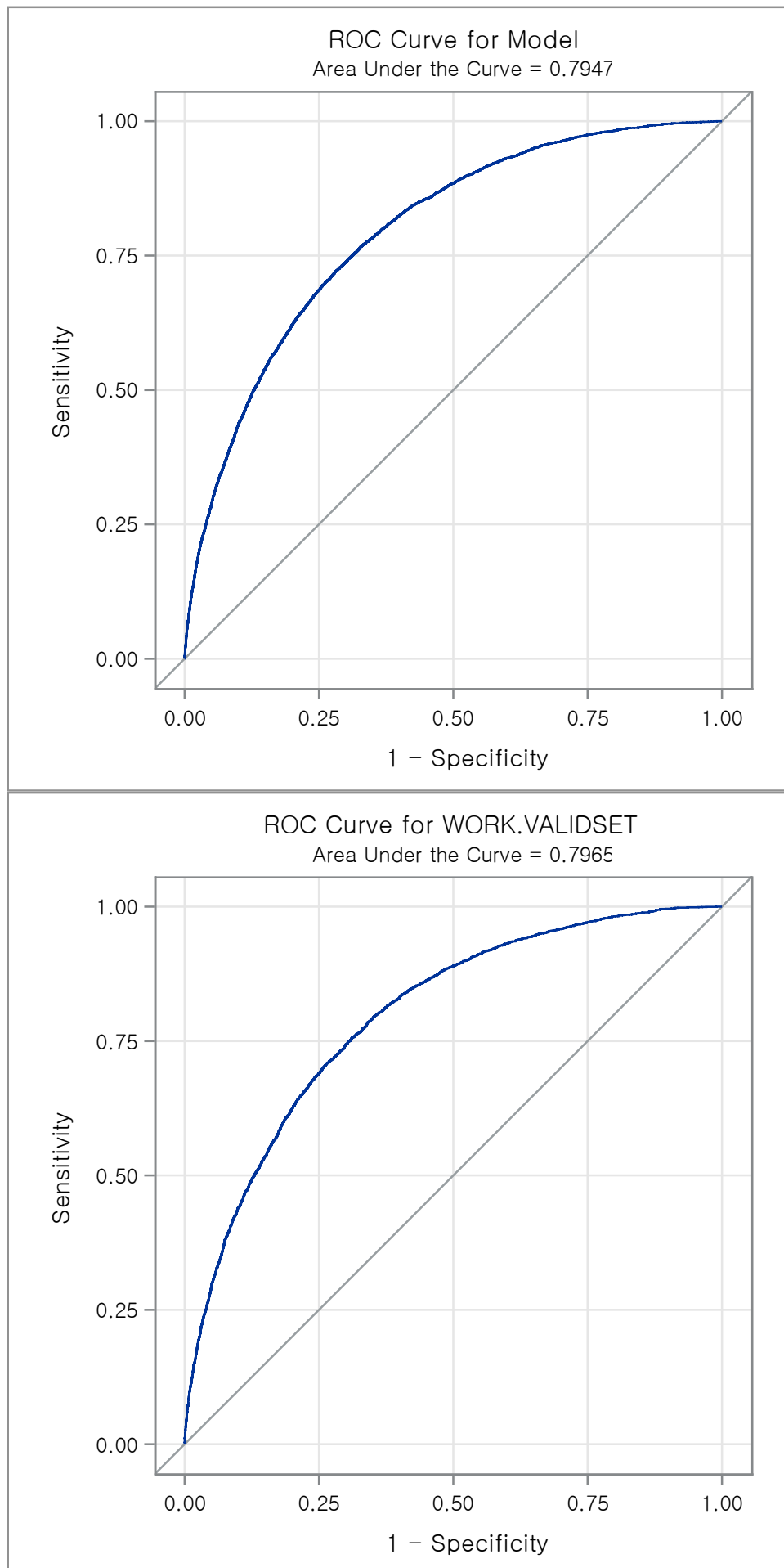
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Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
근내평균	1	9.0987	0.0026
도체범위근내평균	1	1572.5833	<.0001
형매근내평균가산	1	170.8642	<.0001
출산여부_6개월내	1	224.6070	<.0001
농가근내평균가산	1	1271.9910	<.0001
근내EPD	1	91.0053	<.0001
농가구분	1	21.8686	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-6.5395	0.1220	2874.9434	<.0001
근내평균		1	0.0962	0.0319	9.0987	0.0026
도체범위근내평균		1	0.8215	0.0207	1572.5833	<.0001
형매근내평균가산		1	0.2777	0.0212	170.8642	<.0001
출산여부_6개월내	N	1	0.2141	0.0143	224.6070	<.0001
농가근내평균가산		1	0.5115	0.0143	1271.9910	<.0001
근내EPD		1	0.6437	0.0675	91.0053	<.0001
농가구분	우시장	1	0.1231	0.0263	21.8686	<.0001

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
근내평균	1.101	1.034	1.172
도체범위근내평균	2.274	2.183	2.368
형매근내평균가산	1.320	1.266	1.376
출산여부_6개월내 N vs Y	1.534	1.451	1.623
농가근내평균가산	1.668	1.622	1.715
근내EPD	1.904	1.668	2.173
농가구분 우시장 vs 농가소	1.279	1.154	1.418

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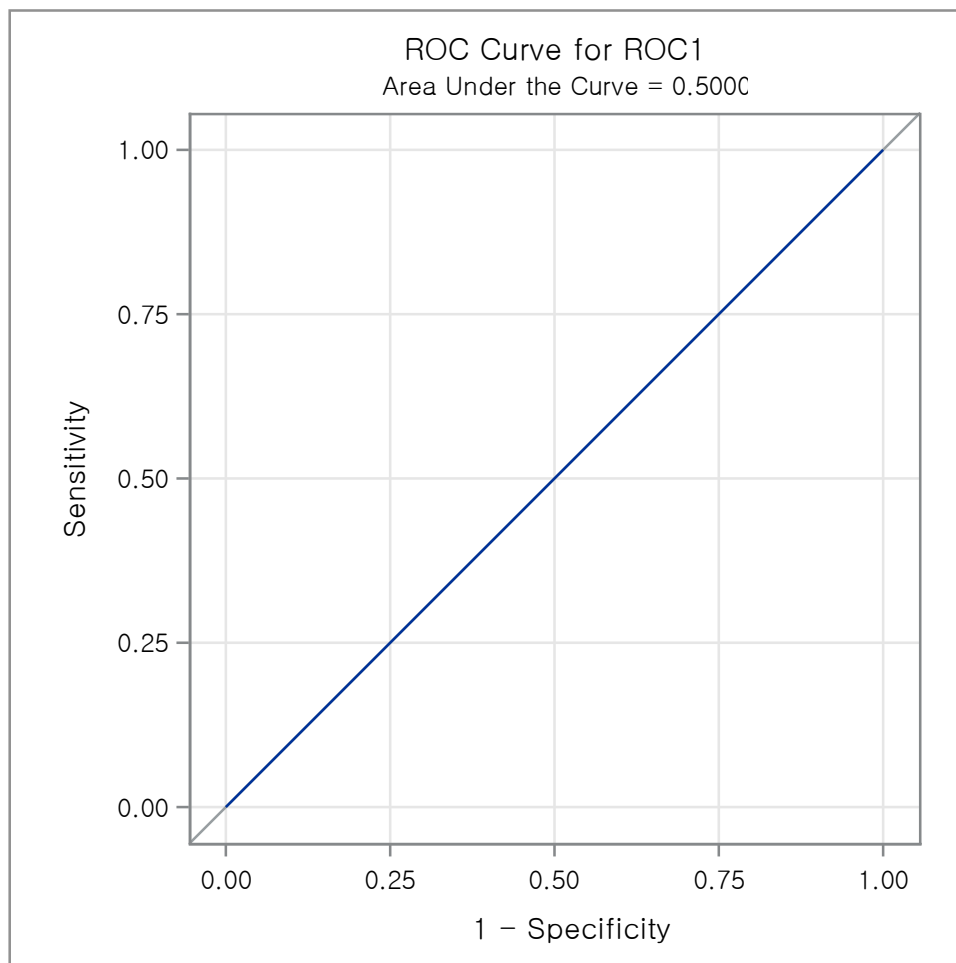
ROC Model: ROC1

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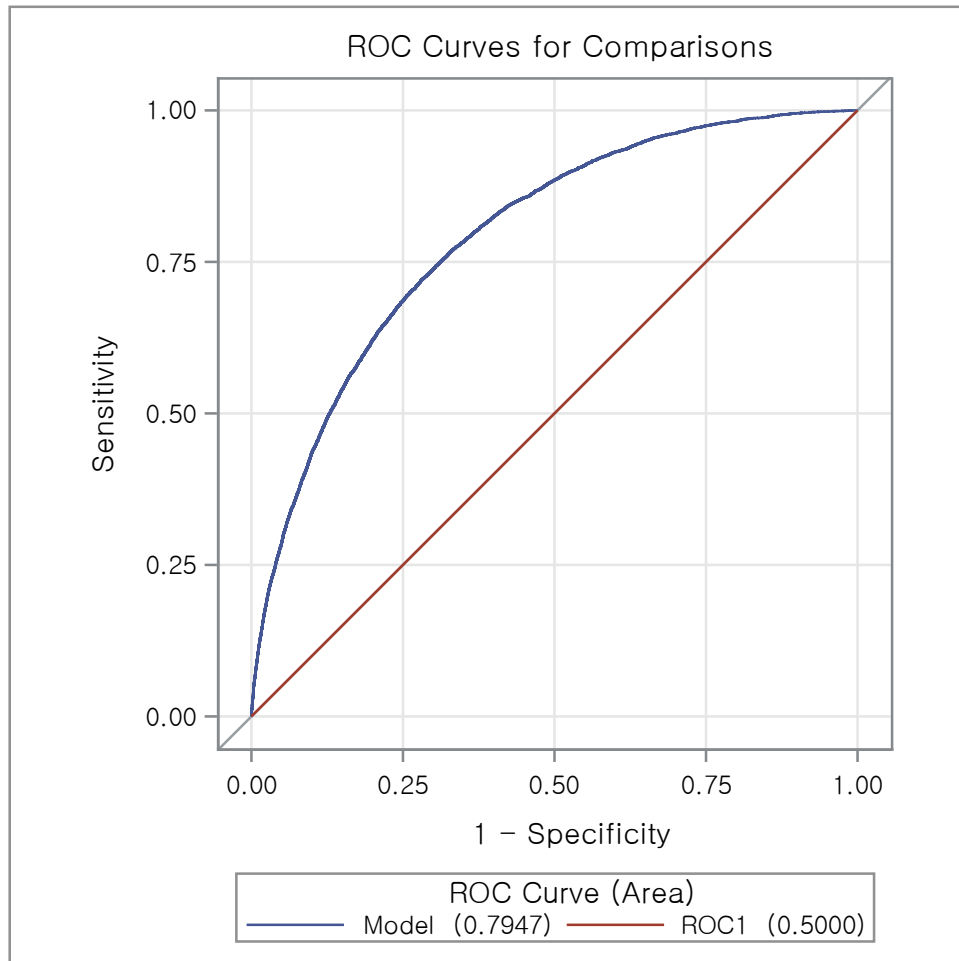
Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

-2 Log L	=	43906.507
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Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-1.7877	0.0123	20963.4271	<.0001



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ROC Association Statistics							
ROC Model	Mann-Whitney				Somers' D	Gamma	Tau-a
	Area	Standard Error	95% Wald Confidence Limits				
Model	0.7947	0.00263	0.7895	0.7998	0.5894	0.5894	0.1448
ROC1	0.5000	0	0.5000	0.5000	0	.	0

ROC Contrast Test Results			
Contrast	DF	Chi-Square	Pr > ChiSq
Reference = Model	1	12522.9303	<.0001