ROC Curve - Binary Classification
Model: Abnormal vs Normal

The LOGISTIC Procedure

Model Information		
Data Set	WORK.FETAL_CLEAN	
Response Variable	abnormal	Abnormal (Suspect or Pathological)
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	2126
Number of Observations Used	2126

Response Profile		
Ordered Value	abnormal	Total Frequency
1	1	471
2	0	1655

Probability modeled is abnormal=1.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	2250.686	1574.596
SC	2256.348	1597.244
-2 Log L	2248.686	1566.596

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	682.0901	3	<.0001
Score	449.8830	3	<.0001
Wald	253.9013	3	<.0001

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-8.7015	0.8977	93.9664	<.0001
baseline_value	1	0.0624	0.00660	89.4908	<.0001
accelerations	1	-758.9	58.4528	168.5673	<.0001
severe_decelerations	1	3023.0	1097.0	7.5942	0.0059

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
baseline_value	1.064	1.051	1.078
accelerations	<0.001	<0.001	<0.001
severe_decelerations	>999.999	>999.999	>999.999
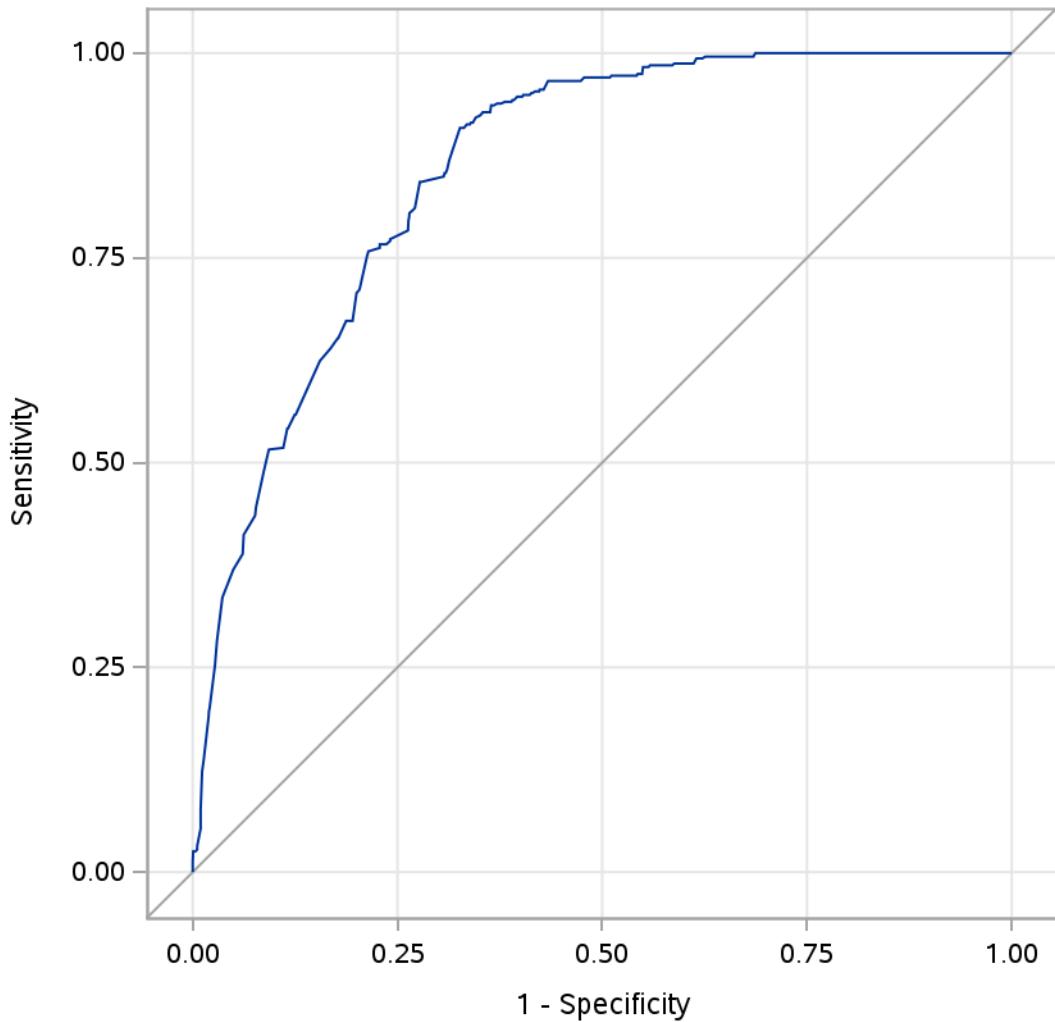
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Association of Predicted Probabilities and Observed Responses			
Percent Concordant	85.4	Somers' D	0.715
Percent Discordant	13.9	Gamma	0.721
Percent Tied	0.8	Tau-a	0.247
Pairs	779505	c	0.858

ROC Curve for Model
Area Under the Curve = 0.8575
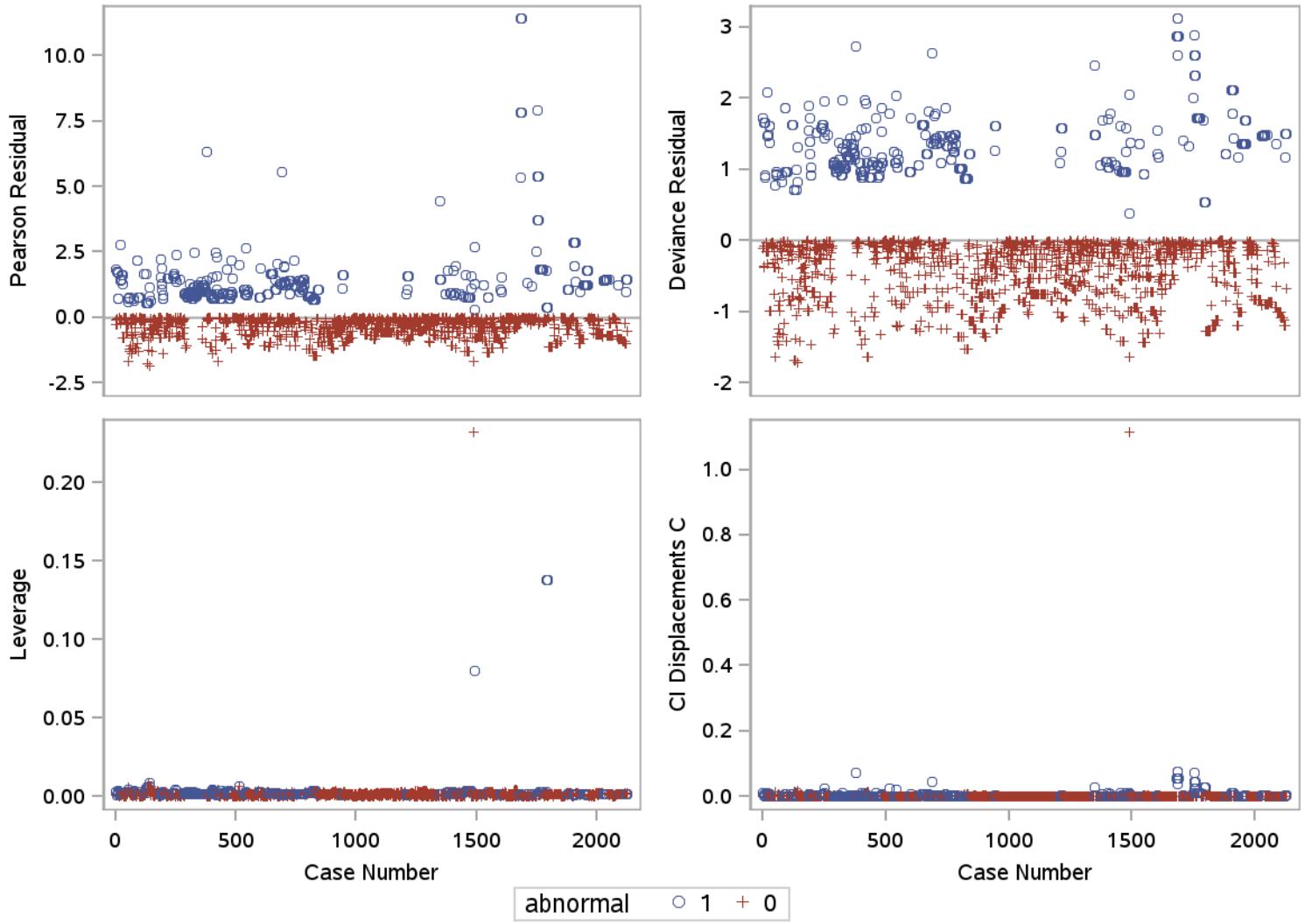
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The LOGISTIC Procedure

Influence Diagnostics

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Influence Diagnostics