

Test result was used as dependent variable of model. All predictors were taken from lead II pre test ECG. HR was removed after first model as not predictive in model and also possible confounding or interacting variable with the other ECG measures. Following the variables were removed stepwise according to least contribution to model.

Model 1: Ajmaline test result : Heart Rate + PR interval + QRS interval+
Corrected QT interval+ Gender+ Age

Model 2: Ajmaline test result : PR interval + QRS interval+ Corrected QT interval+
Gender+ Age

Model 3: Ajmaline test result : PR interval + QRS interval+ Gender+
Age

Model 4: Ajmaline test result : PR interval + QRS interval+ Age

Model 5: Ajmaline test result : PR interval + Age

Model 6: Ajmaline test result : PR interval

Model 4a: Ajmaline test result : Heart Rate + QRS interval+ Age

Model 5a: Ajmaline test result : Heart Rate + Age

Model 6a: Ajmaline test result : Heart Rate

Anova of Models

	Resid. Df	Resid. Dev	Df	Deviance
1	77	70.602		
2	78	71.164	-1	-0.56176
3	79	72.176	-1	-1.01228
4	80	73.078	-1	-0.90245
5	81	75.343	-1	-2.26425
6	82	77.212	-1	-1.86967
4a	80	77.814	2	-0.60178
5a	81	79.085	-1	-1.27112
6a	82	80.251	-1	-1.16607

AIC of Models

1	84.602
2	83.164
3	82.176
4	81.078
5	81.343
6	81.212
4a	85.814
5a	85.085
6a	84.251

Model 1: Ajmaline test result : Heart Rate + PR interval + QRS interval+
Corrected QT interval+ Gender+ Age

Deviance Residuals:

Min 1Q Median 3Q Max
-1.2697 -0.6637 -0.4832 -0.2741 2.6262

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-3.006278	5.714449	-0.526	0.5988
ecg\$hrpre	-0.019220	0.026124	-0.736	0.4619
ecg\$iiiprmean	0.033247	0.014351	2.317	0.0205 *
ecg\$iiqrsmean	0.042680	0.025614	1.666	0.0957 .
ecg\$iiqtcmmean	-0.006884	0.016920	-0.407	0.6841
ecg\$female	0.737036	0.659301	1.118	0.2636
ecg\$testage	-0.230134	0.109938	-2.093	0.0363 *

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 81.801 on 83 degrees of freedom

Residual deviance: 70.602 on 77 degrees of freedom

(22 observations deleted due to missingness)

AIC: 84.602

Number of Fisher Scoring iterations: 5

Single term deletions

	Df	Deviance	AIC	LRT	Pr(>Chi)
<none>		70.602	84.602		
ecg\$hrpre	1	71.164	83.164	0.5618	0.45355
ecg\$iiiprmean	1	76.822	88.822	6.2198	0.01263 *
ecg\$iiqrsmean	1	73.575	85.575	2.9733	0.08465 .
ecg\$iiqtcmmean	1	70.769	82.769	0.1669	0.68291
ecg\$female	1	71.864	83.864	1.2623	0.26122
ecg\$testage	1	75.290	87.290	4.6879	0.03038 *

Model 2: Ajmaline test result : PR interval + QRS interval+ Corrected QT interval+
Gender+ Age

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.2355	-0.6648	-0.4721	-0.2722	2.5233

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-2.64564	5.60943	-0.472	0.6372
ecg\$iiiprmean	0.03620	0.01407	2.573	0.0101 *
ecg\$iiqrsmean	0.04724	0.02520	1.875	0.0608 .
ecg\$iiqtcmean	-0.01400	0.01407	-0.995	0.3197
ecg\$female	0.64859	0.64493	1.006	0.3146
ecg\$testage	-0.21994	0.10797	-2.037	0.0416 *

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 81.801 on 83 degrees of freedom
Residual deviance: 71.164 on 78 degrees of freedom
(22 observations deleted due to missingness)
AIC: 83.164

Number of Fisher Scoring iterations: 5

Single term deletions

	Df	Deviance	AIC	LRT	Pr(>Chi)
<none>		71.164	83.164		
ecg\$iiiprmean	1	78.748	88.748	7.5847	0.005886 **
ecg\$iiqrsmean	1	74.918	84.918	3.7540	0.052680 .
ecg\$iiqtcmean	1	72.176	82.176	1.0123	0.314356
ecg\$female	1	72.181	82.181	1.0179	0.313023
ecg\$testage	1	75.568	85.568	4.4048	0.035838 *

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Model 3: Ajmaline test result : PR interval + QRS interval+ Gender+ Age

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.1295	-0.6391	-0.5045	-0.3029	2.5509

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-7.62535	2.81369	-2.710	0.00673 **
ecg\$iiiprmean	0.03343	0.01369	2.442	0.01459 *
ecg\$iiqrsmean	0.04057	0.02406	1.686	0.09175 .
ecg\$female	0.60995	0.64374	0.948	0.34338
ecg\$testage	-0.20054	0.10387	-1.931	0.05352 .

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 81.801 on 83 degrees of freedom
Residual deviance: 72.176 on 79 degrees of freedom
(22 observations deleted due to missingness)
AIC: 82.176

Number of Fisher Scoring iterations: 5

Single term deletions

Model:

ecg\$aresult ~ ecg\$iiiprmeanmspre + ecg\$iiqrsmeanmspre + ecg\$female + ecg\$testage

	Df	Deviance	AIC	LRT	Pr(>Chi)
<none>		72.176	82.176		
ecg\$iiiprmean	1	78.984	86.984	6.8082	0.009074 **
ecg\$iiqrsmean	1	75.192	83.192	3.0159	0.082454 .
ecg\$female	1	73.078	81.078	0.9024	0.342126
ecg\$testage	1	76.071	84.071	3.8953	0.048422 *

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Model 4: Ajmaline test result : PR interval + QRS interval+ Age

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.1191	-0.6674	-0.5126	-0.3175	2.4134

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-6.83909	2.70077	-2.532	0.0113 *
ecg\$iiiprmean	0.03198	0.01345	2.378	0.0174 *
ecg\$iiqrsmean	0.03334	0.02283	1.461	0.1441
ecg\$testage	-0.17566	0.10010	-1.755	0.0793 .

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 81.801 on 83 degrees of freedom
Residual deviance: 73.078 on 80 degrees of freedom
(22 observations deleted due to missingness)
AIC: 81.078

Number of Fisher Scoring iterations: 5

Single term deletions

	Df	Deviance	AIC	LRT	Pr(>Chi)
<none>		73.078	81.078		
ecg\$iiiprmean	1	79.478	85.478	6.3995	0.01142 *
ecg\$iiqrsmean	1	75.343	81.343	2.2643	0.13239
ecg\$testage	1	76.279	82.279	3.2011	0.07359 .

Model 5: Ajmaline test result : PR interval + Age

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.2127	-0.6476	-0.5328	-0.3791	2.3798

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-4.34458	1.90293	-2.283	0.0224 *
ecg\$iiprmean	0.02995	0.01284	2.333	0.0196 *
ecg\$testage	-0.12102	0.08850	-1.367	0.1715

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 81.801 on 83 degrees of freedom
Residual deviance: 75.343 on 81 degrees of freedom
(22 observations deleted due to missingness)
AIC: 81.343

Number of Fisher Scoring iterations: 4

Single term deletions

	Df	Deviance	AIC	LRT	Pr(>Chi)
<none>		75.343	81.343		
ecg\$iiprmean	1	81.233	85.233	5.8901	0.01523 *
ecg\$testage	1	77.212	81.212	1.8697	0.17151

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Model 6: Ajmaline test result : PR interval

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.1320	-0.6817	-0.5744	-0.4052	2.1247

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)	
(Intercept)	-5.14184	1.84849	-2.782	0.00541	**
ecg\$iiiprmean	0.02517	0.01213	2.075	0.03796	*

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 81.801 on 83 degrees of freedom
Residual deviance: 77.212 on 82 degrees of freedom
(22 observations deleted due to missingness)
AIC: 81.212

Number of Fisher Scoring iterations: 4

Model 4a: Ajmaline test result : Heart Rate +QRS interval + Age

Deviance Residuals:

Min	1Q	Median	3Q	Max
-1.0011	-0.7167	-0.5479	-0.4008	2.0686

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	0.12600	2.75578	0.046	0.964
ecg\$hrpre	-0.02452	0.01958	-1.252	0.211
ecg\$iiqrsmean	0.02425	0.02159	1.123	0.261
ecg\$testage	-0.12709	0.09487	-1.340	0.180

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 81.801 on 83 degrees of freedom
Residual deviance: 77.814 on 80 degrees of freedom
(22 observations deleted due to missingness)
AIC: 85.814

Number of Fisher Scoring iterations: 4

Single term deletions

	Df	Deviance	AIC	LRT	Pr(>Chi)
<none>		77.814	85.814		
ecg\$hrpre	1	79.478	85.478	1.6638	0.1971
ecg\$iiqrsmean	1	79.085	85.085	1.2711	0.2596
ecg\$testage	1	79.636	85.636	1.8223	0.1770

Model 5a: Ajmaline test result : Heart Rate + Age

Deviance Residuals:

Min	1Q	Median	3Q	Max
-0.9716	-0.7040	-0.5666	-0.4286	2.0921

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	2.01157	2.15880	0.932	0.351
ecg\$hrpre	-0.02668	0.01893	-1.409	0.159
ecg\$testage	-0.09468	0.08733	-1.084	0.278

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 81.801 on 83 degrees of freedom
Residual deviance: 79.085 on 81 degrees of freedom
(22 observations deleted due to missingness)
AIC: 85.085

Number of Fisher Scoring iterations: 4

Single term deletions

	Df	Deviance	AIC	LRT	Pr(>Chi)
<none>		79.085	85.085		
ecg\$hrpre	1	81.233	85.233	2.1475	0.1428
ecg\$testage	1	80.251	84.251	1.1661	0.2802

Model 6a: Ajmaline test result : Heart Rate

Deviance Residuals:

Min	1Q	Median	3Q	Max
-0.8806	-0.7028	-0.5977	-0.4854	1.9609

Coefficients:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	0.44653	1.56667	0.285	0.776
ecg\$hrpre	-0.02211	0.01837	-1.203	0.229

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 81.801 on 83 degrees of freedom
Residual deviance: 80.251 on 82 degrees of freedom
(22 observations deleted due to missingness)
AIC: 84.251

Number of Fisher Scoring iterations: 4