Model Information			
Data Set	WORK.ICHS		
Response Variable	response		
Response Distribution	Binary		
Link Function	Logit		
Variance Function	Default		
Variance Matrix Blocked By	id		
Estimation Technique	Maximum Likelihood		
Likelihood Approximation	Gauss-Hermite Quadrature		
Degrees of Freedom Method	Containment		

Class Level Information					
Class	Levels	Values			
id	250	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250			

Number of Observations Read	1500
Number of Observations Used	1500

Response Profile				
Ordered Total Value response Frequency				
1	0	1056		
2	1	444		

The GLIMMIX procedure is modeling the probability that response='0'.

Dimensions			
G-side Cov. Parameters	1		
Columns in X	5		
Columns in Z per Subject	1		
Subjects (Blocks in V)	250		
Max Obs per Subject	6		

Optimization Information				
Optimization Technique Dual Quasi-Newto				
Parameters in Optimization	6			
Lower Boundaries	1			
Upper Boundaries	0			
Fixed Effects	Not Profiled			
Starting From	GLM estimates			
Quadrature Points	7			

Iteration History						
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient	
0	0	4	1383.5750304		311.3643	
1	0	4	1378.4942883	5.08074202	118.571	
2	0	3	1370.3089285	8.18535980	23.513	
3	0	4	1347.9577513	22.35117729	84.26237	
4	0	4	1336.9303904	11.02736085	52.87863	
5	0	4	1333.7421533	3.18823709	10.38892	
6	0	3	1333.3981093	0.34404404	3.43404	
7	0	3	1333.2931251	0.10498420	2.878442	
8	0	3	1333.2641949	0.02893013	2.666657	
9	0	3	1333.2585408	0.00565416	0.822635	
10	0	3	1333.2563924	0.00214837	1.380692	
11	0	2	1333.2540025	0.00238993	0.168949	
12	0	3	1333.2539669	0.00003554	0.03171	
13	0	3	1333.2539629	0.00000401	0.001728	

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

Fit Statistics				
-2 Log Likelihood	1333.25			
AIC (smaller is better)	1345.25			
AICC (smaller is better)	1345.31			
BIC (smaller is better)	1366.38			
CAIC (smaller is better)	1372.38			
HQIC (smaller is better)	1353.76			

Fit Statistics for Conditional Distribution		
-2 log L(response r. effects)	821.99	
Pearson Chi-Square	707.51	
Pearson Chi-Square / DF	0.47	

Covariance Parameter Estimates					
Cov Parm	Subject	Estimate	Standard Error		
UN(1,1)	id	7.8052	1.3560		

Solutions for Fixed Effects						
Effect Estimate Standard DF t Value Pr >						
Intercept	1.1521	0.5333	246	2.16	0.0317	
vita	-0.5991	0.4321	1249	-1.39	0.1659	
time	-0.03409	0.01599	1249	-2.13	0.0332	
age	0.1404	0.1091	1249	1.29	0.1982	
gender	1.0926	0.4208	1249	2.60	0.0095	

Type III Tests of Fixed Effects						
Effect	Num DF	Den DF	F Value	Pr > F		
vita	1	1249	1.92	0.1659		
time	1	1249	4.55	0.0332		
age	1	1249	1.66	0.1982		
gender	1	1249	6.74	0.0095		

Model Information				
Data Set	WORK.ICHS			
Response Variable	response			
Response Distribution	Binary			
Link Function	Logit			
Variance Function	Default			
Variance Matrix Blocked By	id			
Estimation Technique	Maximum Likelihood			
Likelihood Approximation	Gauss-Hermite Quadrature			
Degrees of Freedom Method	Containment			

Class Level Information					
Class	Levels	Values			
id	250	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250			

Number of Observations Rea	d 1500
Number of Observations Use	d 1500

Response Profile				
Ordered Tot Value response Frequence				
1	0	1056		
2	1	444		

The GLIMMIX procedure is modeling the probability that response='0'.

Dimensions		
G-side Cov. Parameters	3	
Columns in X	5	
Columns in Z per Subject	2	
Subjects (Blocks in V)	250	
Max Obs per Subject	6	

Optimization Information				
Optimization Technique Dual Quasi-Newto				
Parameters in Optimization	8			
Lower Boundaries	2			
Upper Boundaries	0			
Fixed Effects Not Profiled				
Starting From	GLM estimates			
Quadrature Points	7			

Iteration History						
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient	
0	0	4	1403.5006059		418.1627	
1	0	4	1387.8179622	15.68264375	346.5315	
2	0	5	1384.3377723	3.48018986	323.7147	
3	0	5	1379.5868226	4.75094974	328.1783	
4	0	5	1375.741633	3.84518960	327.4092	
5	0	5	1372.0712007	3.67043223	328.3984	
6	0	5	1368.8446912	3.22650953	328.2339	
7	0	5	1365.9439083	2.90078287	327.1244	
8	0	5	1363.3326668	2.61124159	324.8122	
9	0	5	1360.9687069	2.36395983	321.2708	
10	0	5	1358.8238287	2.14487817	316.4081	
11	0	4	1345.7980631	13.02576568	151.6628	
12	0	5	1344.9633851	0.83467792	126.5688	
13	0	4	1343.1852435	1.77814166	93.31064	
14	0	5	1342.7615931	0.42365042	77.15834	
15	0	5	1342.6564415	0.10515155	75.30645	
16	0	5	1342.5797159	0.07672563	74.23878	
17	0	19	1342.5729255	0.00679042	74.17014	
18	0	11	1342.5728309	0.00009455	74.16945	
19	0	11	1342.5727465	0.00008445	74.16884	
20	0	15	1342.5727241	0.00002235	74.16872	
21	0	15	1342.5727233	0.00000081	74.16871	
22	0	6	1340.4328957	2.13982758	85.29247	
23	0	5	1339.9471514	0.48574436	87.65682	

Iteration History						
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient	
24	0	4	1338.9775216	0.96962977	78.03741	
25	0	2	1338.1380677	0.83945388	27.8924	
26	0	3	1337.6017703	0.53629742	28.83088	
27	0	4	1334.94571	2.65606028	88.14097	
28	0	2	1333.9203183	1.02539170	99.35625	
29	0	2	1333.1353588	0.78495952	56.72658	
30	0	3	1332.8532405	0.28211832	77.6748	
31	0	2	1332.4906572	0.36258333	102.1951	
32	0	3	1332.3844008	0.10625633	120.9031	
33	0	3	1332.3408788	0.04352204	105.7458	
34	0	2	1332.2918868	0.04899198	120.5787	
35	0	3	1332.2797637	0.01212311	124.1311	
36	0	3	1332.2785936	0.00117012	125.9665	
37	0	2	1332.2768221	0.00177144	124.8471	
38	0	4	1332.2731334	0.00368874	125.9897	
39	0	3	1332.2716691	0.00146431	127.6274	
40	0	2	1332.2694104	0.00225863	126.9945	
41	0	6	1332.1971432	0.07226727	49.50343	
42	0	3	1332.1550901	0.04205310	48.28626	
43	0	3	1332.141509	0.01358107	18.04694	
44	0	3	1332.1374661	0.00404290	0.227239	
45	0	3	1332.1373759	0.00009023	0.022751	
46	0	3	1332.1373756	0.00000028	0.002552	

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

Fit Statistics			
-2 Log Likelihood	1332.14		
AIC (smaller is better)	1348.14		
AICC (smaller is better)	1348.23		
BIC (smaller is better)	1376.31		
CAIC (smaller is better)	1384.31		
HQIC (smaller is better)	1359.48		

Fit Statistics for Conditional Distribution		
-2 log L(response r. effects)	781.74	
Pearson Chi-Square	650.32	
Pearson Chi-Square / DF	0.43	

Covariance Parameter Estimates				
Cov Standar Standar Standar Erro				
UN(1,1)	id	9.3114	2.5751	
UN(2,1)	id	-0.08294	0.1319	
UN(2,2)	id	0.005452	0.005996	

Solutions for Fixed Effects						
Effect	Estimate	Standard Error	DF	t Value	Pr > t	
Intercept	1.2218	0.5622	246	2.17	0.0307	
vita	-0.6027	0.4474	1000	-1.35	0.1782	
time	-0.04199	0.02448	249	-1.71	0.0876	
age	0.1506	0.1135	1000	1.33	0.1850	
gender	1.1147	0.4352	1000	2.56	0.0106	

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
vita	1	1000	1.82	0.1782
time	1	249	2.94	0.0876
age	1	1000	1.76	0.1850
gender	1	1000	6.56	0.0106