

## The GLIMMIX Procedure

Model Information	
Data Set	WORK.ATSSK
Response Variable	Event
Response Distribution	Multinomial (nominal)
Link Function	Generalized Logit
Variance Function	Default
Variance Matrix Blocked By	pat_id
Estimation Technique	Maximum Likelihood
Likelihood Approximation	Laplace
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
pat_id	5000	not printed
region	4	1 2 3 4
Trt_Step	6	1 2 3 4 5 0
gender	2	2 1
Insurance	6	2 3 4 5 6 1
Event	5	0 1 2 3 4

Number of Observations Read	127071
Number of Observations Used	127071

Response Profile		
Ordered Value	Event	Total Frequency
1	0	113943
2	1	1506
3	2	2569
4	3	3671
5	4	5382
In modeling category probabilities, Event='0' serves as the reference category.		

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Dimensions	
G-side Cov. Parameters	4
Columns in X	80
Columns in Z per Subject	4
Subjects (Blocks in V)	5000
Max Obs per Subject	218

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	72
Lower Boundaries	4
Upper Boundaries	0
Fixed Effects	Not Profiled
Starting From	GLM estimates

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Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	109293.15353	.	47682.7
1	0	8	108763.82019	529.33334827	61676.87
2	0	2	108227.76892	536.05126327	23895.05
3	0	2	108123.56099	104.20793610	28482.59
4	0	2	108064.58722	58.97376548	12648.89
5	0	2	108044.04682	20.54039880	4151.284
6	0	3	108037.44822	6.59860766	2181.349
7	0	3	108035.29903	2.14918894	716.7374
8	0	2	108033.8504	1.44862895	4479.968
9	0	4	108027.91898	5.93141370	2779.14
10	0	4	107972.31901	55.59997737	3753.409
11	0	3	107967.82249	4.49651496	992.1321
12	0	3	107966.86985	0.95263999	1283.915
13	0	4	107964.29025	2.57960401	2859.16
14	0	6	107799.62275	164.66749828	24524.53
15	0	3	107714.0117	85.61105259	5046.863
16	0	3	107695.157	18.85470009	2654.59
17	0	2	107663.88391	31.27308448	6129.069
18	0	2	107636.39251	27.49140574	5197.68
19	0	3	107628.96517	7.42734009	1675.965
20	0	2	107616.8998	12.06536426	3621.775
21	0	4	107500.49777	116.40203037	28161.79
22	0	2	107384.40234	116.09543203	17690.38
23	0	3	107358.57227	25.83007408	4427.178
24	0	3	107355.57286	2.99940777	984.0913
25	0	3	107354.42479	1.14807133	2059.864
26	0	6	107314.7078	39.71698346	9576.635
27	0	2	107279.16866	35.53914334	10021.17
28	0	2	107267.19068	11.97797522	15707.23
29	0	4	107225.52708	41.66360490	4985.91
30	0	3	107204.51731	21.00976998	3944.143
31	0	2	107168.03945	36.47785471	2029.934
32	0	3	107159.54473	8.49472185	1257.748
33	0	3	107158.50308	1.04165282	1295.471
34	0	4	107155.21688	3.28619693	2626.517

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35	0	4	107126.40459	28.81229261	4507.055
36	0	3	107116.52479	9.87980394	581.3195
37	0	3	107116.18405	0.34073869	230.7877
38	0	2	107115.87978	0.30426910	814.9521
39	0	4	107112.69063	3.18915369	2148.192
40	0	4	107059.22009	53.47053951	1738.08
41	0	3	107051.47823	7.74185678	1501.352
42	0	3	107050.39119	1.08703970	251.7038
43	0	3	107050.29915	0.09203579	321.7092
44	0	6	107042.42604	7.87310978	4705.613
45	0	2	107035.05947	7.36657342	1121.822
46	0	3	107032.96446	2.09501350	1087.189
47	0	4	106996.50971	36.45474723	2403.311
48	0	3	106990.51679	5.99292374	1617.02
49	0	2	106988.70211	1.81467815	2614.599
50	0	2	106986.09047	2.61163731	364.905
51	0	3	106985.99786	0.09260589	173.5554
52	0	6	106981.10077	4.89709120	2788.935
53	0	2	106978.92257	2.17820574	2255.873
54	0	2	106977.69031	1.23225739	1255.58
55	0	3	106976.97246	0.71784509	185.2949
56	0	4	106966.44999	10.52247975	1657.105
57	0	3	106965.82016	0.62982129	509.4262
58	0	3	106965.39864	0.42152090	582.3073
59	0	2	106964.67062	0.72802156	449.7027
60	0	3	106964.43297	0.23765330	409.8338
61	0	6	106951.80826	12.62470717	3392.013
62	0	3	106946.72142	5.08683719	200.7972
63	0	2	106946.32363	0.39779405	1698.563
64	0	4	106944.6945	1.62913296	314.6401
65	0	2	106943.64474	1.04975675	409.8008
66	0	3	106943.29873	0.34601178	176.7378
67	0	2	106943.17547	0.12326138	744.3389
68	0	6	106935.78084	7.39462234	2840.665
69	0	2	106932.48895	3.29189479	1794.848

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Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
70	0	2	106928.85338	3.63557004	214.699
71	0	2	106925.61944	3.23394121	2659.283
72	0	2	106924.11782	1.50162044	1394.342
73	0	2	106923.55031	0.56750927	998.4062
74	0	2	106923.04544	0.50487299	318.8234
75	0	3	106922.99049	0.05494269	108.8831
76	0	6	106921.04641	1.94408128	3818.985
77	0	2	106919.51474	1.53166736	1278.616
78	0	3	106919.22927	0.28547244	83.38022
79	0	2	106918.86568	0.36359362	1604.603
80	0	4	106912.67363	6.19204886	699.7656
81	0	3	106911.69352	0.98010762	217.364
82	0	3	106911.65212	0.04140074	63.7145
83	0	2	106911.62658	0.02554014	141.9504
84	0	6	106910.42282	1.20375753	2065.525
85	0	2	106909.03758	1.38524728	742.7019
86	0	2	106907.2144	1.82317426	1144.455
87	0	4	106903.38607	3.82833454	652.599
88	0	3	106903.10641	0.27966014	52.07572
89	0	3	106903.09869	0.00771468	55.12641
90	0	6	106901.93711	1.16158378	1561.267
91	0	3	106901.21459	0.72252207	147.7142
92	0	2	106900.78051	0.43407443	486.2497
93	0	4	106894.98603	5.79448495	809.6247
94	0	3	106893.62482	1.36120447	260.1634
95	0	3	106893.5552	0.06962750	62.60641
96	0	3	106893.54846	0.00673600	61.54285
97	0	6	106893.38875	0.15970680	567.3507
98	0	2	106893.16429	0.22445919	58.97746
99	0	2	106892.83105	0.33324405	732.1445
100	0	4	106889.66635	3.16469620	2118.328
101	0	3	106887.78694	1.87941094	76.35449
102	0	3	106887.78258	0.00436210	36.09058
103	0	6	106887.60075	0.18183001	822.3285
104	0	2	106887.4274	0.17335062	237.7375

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Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
105	0	3	106887.39755	0.02985236	81.25536
106	0	6	106884.69311	2.70443224	742.0014
107	0	3	106884.53127	0.16184485	53.09613
108	0	3	106884.52863	0.00263668	62.8864
109	0	4	106884.5026	0.02603796	86.6203
110	0	3	106884.49837	0.00422620	24.67487
111	0	4	106884.47449	0.02388330	82.67395
112	0	2	106884.43716	0.03732848	57.33618
113	0	4	106884.35815	0.07900596	190.2585
114	0	4	106883.6307	0.72745318	422.0418
115	0	2	106882.59897	1.03173304	89.60135
116	0	3	106882.4591	0.13986872	42.68477
117	0	3	106882.45528	0.00381749	25.78807
118	0	4	106882.44167	0.01361009	42.6621

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

**Estimated G matrix is not positive definite.**

Fit Statistics	
-2 Log Likelihood	106882.4
AIC (smaller is better)	107024.4
AICC (smaller is better)	107024.5
BIC (smaller is better)	107487.2
CAIC (smaller is better)	107558.2
HQIC (smaller is better)	107186.6

Fit Statistics for Conditional Distribution	
-2 log L(Event   r. effects)	95561.59

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Covariance Parameter Estimates				
Cov Parm	Subject	Group	Estimate	Standard Error
Intercept	pat_id	Event 1	4.0823	0.3004
Intercept	pat_id	Event 2	0	.
Intercept	pat_id	Event 3	1.1476	0.06909
Intercept	pat_id	Event 4	0.8497	0.04442

Solutions for Fixed Effects											
Effect	Event	Trt_Step	gender	Estimate	Standard Error	DF	t Value	Pr >  t	Alpha	Lower	Upper
Intercept	1			-6.2847	0.1581	19984	-39.75	<.0001	0.05	-6.5945	-5.9748
Intercept	2			-2.4067	0.05435	19984	-44.28	<.0001	0.05	-2.5132	-2.3002
Intercept	3			-3.5684	0.07556	19984	-47.23	<.0001	0.05	-3.7165	-3.4203
Intercept	4			-2.7509	0.05840	19984	-47.10	<.0001	0.05	-2.8654	-2.6364
year	1			0.3169	0.1118	107E3	2.84	0.0046	0.05	0.09782	0.5359
year	2			-0.6361	0.07969	107E3	-7.98	<.0001	0.05	-0.7923	-0.4799
year	3			-0.8306	0.06945	107E3	-11.96	<.0001	0.05	-0.9667	-0.6944
year	4			-0.6793	0.05802	107E3	-11.71	<.0001	0.05	-0.7931	-0.5656
year*year	1			-0.1027	0.04805	107E3	-2.14	0.0327	0.05	-0.1968	-0.00847
year*year	2			0.1202	0.03841	107E3	3.13	0.0018	0.05	0.04490	0.1955
year*year	3			0.2922	0.03031	107E3	9.64	<.0001	0.05	0.2327	0.3516
year*year	4			0.2217	0.02620	107E3	8.46	<.0001	0.05	0.1703	0.2730
year*year*year	1			0.006715	0.005400	107E3	1.24	0.2137	0.05	-0.00387	0.01730
year*year*year	2			-0.01051	0.004749	107E3	-2.21	0.0268	0.05	-0.01982	-0.00121
year*year*year	3			-0.02812	0.003490	107E3	-8.06	<.0001	0.05	-0.03496	-0.02128
year*year*year	4			-0.02249	0.003104	107E3	-7.25	<.0001	0.05	-0.02857	-0.01641
Trt_Step	1	1		-1.9545	0.2255	107E3	-8.67	<.0001	0.05	-2.3964	-1.5126
Trt_Step	2	1		-1.1968	0.1055	107E3	-11.34	<.0001	0.05	-1.4036	-0.9899
Trt_Step	3	1		0.09468	0.07005	107E3	1.35	0.1765	0.05	-0.04263	0.2320
Trt_Step	4	1		-0.1976	0.05908	107E3	-3.34	0.0008	0.05	-0.3134	-0.08179
Trt_Step	1	2		-2.5546	0.3204	107E3	-7.97	<.0001	0.05	-3.1825	-1.9266
Trt_Step	2	2		-2.7078	0.2105	107E3	-12.86	<.0001	0.05	-3.1204	-2.2953
Trt_Step	3	2		-0.5975	0.1049	107E3	-5.70	<.0001	0.05	-0.8031	-0.3919
Trt_Step	4	2		-0.8266	0.08540	107E3	-9.68	<.0001	0.05	-0.9940	-0.6593
Trt_Step	1	3		-2.5400	0.3211	107E3	-7.91	<.0001	0.05	-3.1694	-1.9106
Trt_Step	2	3		-2.0354	0.1923	107E3	-10.58	<.0001	0.05	-2.4124	-1.6584
Trt_Step	3	3		-0.2914	0.09881	107E3	-2.95	0.0032	0.05	-0.4850	-0.09771

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Solutions for Fixed Effects											
Effect	Event	Trt_Step	gender	Estimate	Standard Error	DF	t Value	Pr >  t	Alpha	Lower	Upper
Trt_Step	4	3		-0.6174	0.08316	107E3	-7.42	<.0001	0.05	-0.7804	-0.4544
Trt_Step	1	4		-2.0898	0.3010	107E3	-6.94	<.0001	0.05	-2.6796	-1.4999
Trt_Step	2	4		-2.0266	0.1922	107E3	-10.54	<.0001	0.05	-2.4033	-1.6499
Trt_Step	3	4		-0.1505	0.09383	107E3	-1.60	0.1086	0.05	-0.3344	0.03336
Trt_Step	4	4		-0.4791	0.08368	107E3	-5.73	<.0001	0.05	-0.6431	-0.3151
Trt_Step	1	5		-1.4323	0.5211	107E3	-2.75	0.0060	0.05	-2.4536	-0.4110
Trt_Step	2	5		-0.8141	0.2826	107E3	-2.88	0.0040	0.05	-1.3679	-0.2602
Trt_Step	3	5		2.0221	0.1134	107E3	17.83	<.0001	0.05	1.7998	2.2444
Trt_Step	4	5		0.7649	0.1277	107E3	5.99	<.0001	0.05	0.5146	1.0152
Trt_Step	1	0		0	.	.	.	.	.	.	.
Trt_Step	2	0		0	.	.	.	.	.	.	.
Trt_Step	3	0		0	.	.	.	.	.	.	.
Trt_Step	4	0		0	.	.	.	.	.	.	.
year*Trt_Step	1	1		-0.1589	0.1127	107E3	-1.41	0.1584	0.05	-0.3798	0.06191
year*Trt_Step	2	1		-0.4779	0.09200	107E3	-5.19	<.0001	0.05	-0.6582	-0.2976
year*Trt_Step	3	1		-0.1294	0.03267	107E3	-3.96	<.0001	0.05	-0.1934	-0.06533
year*Trt_Step	4	1		-0.1136	0.02924	107E3	-3.88	0.0001	0.05	-0.1709	-0.05625
year*Trt_Step	1	2		-0.06049	0.1617	107E3	-0.37	0.7084	0.05	-0.3774	0.2565
year*Trt_Step	2	2		-0.02047	0.1286	107E3	-0.16	0.8735	0.05	-0.2724	0.2315
year*Trt_Step	3	2		-0.1932	0.05581	107E3	-3.46	0.0005	0.05	-0.3026	-0.08377
year*Trt_Step	4	2		-0.1717	0.04735	107E3	-3.63	0.0003	0.05	-0.2645	-0.07889
year*Trt_Step	1	3		0.1034	0.1310	107E3	0.79	0.4301	0.05	-0.1534	0.3601
year*Trt_Step	2	3		-0.3923	0.1562	107E3	-2.51	0.0120	0.05	-0.6985	-0.08608
year*Trt_Step	3	3		-0.08161	0.04553	107E3	-1.79	0.0731	0.05	-0.1708	0.007631
year*Trt_Step	4	3		-0.04324	0.03890	107E3	-1.11	0.2663	0.05	-0.1195	0.03300
year*Trt_Step	1	4		-0.06626	0.1418	107E3	-0.47	0.6402	0.05	-0.3441	0.2116
year*Trt_Step	2	4		-0.2439	0.1296	107E3	-1.88	0.0598	0.05	-0.4978	0.01005
year*Trt_Step	3	4		-0.03589	0.03833	107E3	-0.94	0.3491	0.05	-0.1110	0.03924
year*Trt_Step	4	4		-0.06610	0.03837	107E3	-1.72	0.0850	0.05	-0.1413	0.009113
year*Trt_Step	1	5		-0.03979	0.2394	107E3	-0.17	0.8680	0.05	-0.5089	0.4294
year*Trt_Step	2	5		-0.07828	0.1649	107E3	-0.47	0.6349	0.05	-0.4014	0.2448
year*Trt_Step	3	5		-0.1085	0.04697	107E3	-2.31	0.0209	0.05	-0.2006	-0.01644
year*Trt_Step	4	5		-0.06279	0.05603	107E3	-1.12	0.2624	0.05	-0.1726	0.04702
year*Trt_Step	1	0		0	.	.	.	.	.	.	.
year*Trt_Step	2	0		0	.	.	.	.	.	.	.



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Solutions for Fixed Effects											
Effect	Event	Trt_Step	gender	Estimate	Standard Error	DF	t Value	Pr >  t	Alpha	Lower	Upper
year*Trt_Step	3	0		0	.	.	.	.	.	.	.
year*Trt_Step	4	0		0	.	.	.	.	.	.	.
age	1			0.02322	0.002776	107E3	8.36	<.0001	0.05	0.01778	0.02866
age	2			-0.00441	0.001158	107E3	-3.81	0.0001	0.05	-0.00668	-0.00214
age	3			-0.00011	0.001562	107E3	-0.07	0.9444	0.05	-0.00317	0.002953
age	4			-0.00160	0.001260	107E3	-1.27	0.2051	0.05	-0.00407	0.000873
gender	1		2	0.6492	0.1031	107E3	6.30	<.0001	0.05	0.4471	0.8513
gender	2		2	0.1248	0.04190	107E3	2.98	0.0029	0.05	0.04265	0.2069
gender	3		2	0.2602	0.05716	107E3	4.55	<.0001	0.05	0.1482	0.3722
gender	4		2	0.2257	0.04618	107E3	4.89	<.0001	0.05	0.1351	0.3162
gender	1		1	0	.	.	.	.	.	.	.
gender	2		1	0	.	.	.	.	.	.	.
gender	3		1	0	.	.	.	.	.	.	.
gender	4		1	0	.	.	.	.	.	.	.
CCI	1			0.1460	0.06829	107E3	2.14	0.0325	0.05	0.01217	0.2799
CCI	2			-0.02623	0.03405	107E3	-0.77	0.4412	0.05	-0.09297	0.04051
CCI	3			0.03921	0.04382	107E3	0.89	0.3709	0.05	-0.04667	0.1251
CCI	4			0.09205	0.03410	107E3	2.70	0.0070	0.05	0.02521	0.1589

Odds Ratio Estimates														
Event	Trt_Step	gender	year	age	CCI	_Trt_Step	_gender	_year	_age	_CCI	Estimate	DF	95% Confidence Limits	
1			1.8235	32.308	0.3256			1.8235	31.308	0.3256	1.023	107E3	1.018	1.029
2			1.8235	32.308	0.3256			1.8235	31.308	0.3256	0.996	107E3	0.993	0.998
3			1.8235	32.308	0.3256			1.8235	31.308	0.3256	1.000	107E3	0.997	1.003
4			1.8235	32.308	0.3256			1.8235	31.308	0.3256	0.998	107E3	0.996	1.001
1			1.8235	31.308	1.3256			1.8235	31.308	0.3256	1.157	107E3	1.012	1.323
2			1.8235	31.308	1.3256			1.8235	31.308	0.3256	0.974	107E3	0.911	1.041
3			1.8235	31.308	1.3256			1.8235	31.308	0.3256	1.040	107E3	0.954	1.133
4			1.8235	31.308	1.3256			1.8235	31.308	0.3256	1.096	107E3	1.026	1.172
1	1		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.106	107E3	0.079	0.142
2	1		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.126	107E3	0.099	0.162
3	1		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.868	107E3	0.787	0.958
4	1		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.667	107E3	0.613	0.726
1	2		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.070	107E3	0.046	0.105

## The GLIMMIX Procedure

Odds Ratio Estimates													
Event	Trt_Step	gender	year	age	CCI	_Trt_Step	_gender	_year	_age	_CCI	Estimate	DF	95% Confidence Limits
2	2		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.064	107E3	0.046 0.089
3	2		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.387	107E3	0.331 0.452
4	2		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.320	107E3	0.282 0.363
1	3		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.095	107E3	0.065 0.141
2	3		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.064	107E3	0.043 0.096
3	3		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.644	107E3	0.561 0.739
4	3		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.498	107E3	0.445 0.559
1	4		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.110	107E3	0.075 0.159
2	4		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.084	107E3	0.061 0.117
3	4		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.806	107E3	0.713 0.910
4	4		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.549	107E3	0.491 0.614
1	5		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.222	107E3	0.115 0.428
2	5		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.384	107E3	0.243 0.607
3	5		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	6.198	107E3	5.316 7.227
4	5		1.8235	31.308	0.3256	0		1.8235	31.308	0.3256	1.916	107E3	1.611 2.279
1	1		2.8235	31.308	0.3256	1		1.8235	31.308	0.3256	0.812	107E3	0.648 1.017
2	1		2.8235	31.308	0.3256	1		1.8235	31.308	0.3256	0.483	107E3	0.400 0.583
3	1		2.8235	31.308	0.3256	1		1.8235	31.308	0.3256	0.937	107E3	0.875 1.005
4	1		2.8235	31.308	0.3256	1		1.8235	31.308	0.3256	0.876	107E3	0.823 0.932
1	2		2.8235	31.308	0.3256	2		1.8235	31.308	0.3256	0.896	107E3	0.651 1.233
2	2		2.8235	31.308	0.3256	2		1.8235	31.308	0.3256	0.763	107E3	0.591 0.984
3	2		2.8235	31.308	0.3256	2		1.8235	31.308	0.3256	0.879	107E3	0.787 0.983
4	2		2.8235	31.308	0.3256	2		1.8235	31.308	0.3256	0.826	107E3	0.751 0.909
1	3		2.8235	31.308	0.3256	3		1.8235	31.308	0.3256	1.055	107E3	0.812 1.370
2	3		2.8235	31.308	0.3256	3		1.8235	31.308	0.3256	0.526	107E3	0.386 0.717
3	3		2.8235	31.308	0.3256	3		1.8235	31.308	0.3256	0.983	107E3	0.896 1.079
4	3		2.8235	31.308	0.3256	3		1.8235	31.308	0.3256	0.940	107E3	0.867 1.018
1	4		2.8235	31.308	0.3256	4		1.8235	31.308	0.3256	0.890	107E3	0.673 1.179
2	4		2.8235	31.308	0.3256	4		1.8235	31.308	0.3256	0.610	107E3	0.472 0.789
3	4		2.8235	31.308	0.3256	4		1.8235	31.308	0.3256	1.029	107E3	0.951 1.114
4	4		2.8235	31.308	0.3256	4		1.8235	31.308	0.3256	0.918	107E3	0.849 0.993
1	5		2.8235	31.308	0.3256	5		1.8235	31.308	0.3256	0.914	107E3	0.571 1.465
2	5		2.8235	31.308	0.3256	5		1.8235	31.308	0.3256	0.720	107E3	0.519 0.997
3	5		2.8235	31.308	0.3256	5		1.8235	31.308	0.3256	0.957	107E3	0.869 1.054

## The GLIMMIX Procedure

Odds Ratio Estimates													
Event	Trt_Step	gender	year	age	CCI	_Trt_Step	_gender	_year	_age	_CCI	Estimate	DF	95% Confidence Limits
4	5		2.8235	31.308	0.3256	5		1.8235	31.308	0.3256	0.921	107E3	0.823 1.031
1	0		2.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.951	107E3	0.883 1.026
2	0		2.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.778	107E3	0.731 0.829
3	0		2.8235	31.308	0.3256	0		1.8235	31.308	0.3256	1.067	107E3	1.014 1.123
4	0		2.8235	31.308	0.3256	0		1.8235	31.308	0.3256	0.981	107E3	0.939 1.025
1		2	1.8235	31.308	0.3256		1	1.8235	31.308	0.3256	1.914	107E3	1.564 2.343
2		2	1.8235	31.308	0.3256		1	1.8235	31.308	0.3256	1.133	107E3	1.044 1.230
3		2	1.8235	31.308	0.3256		1	1.8235	31.308	0.3256	1.297	107E3	1.160 1.451
4		2	1.8235	31.308	0.3256		1	1.8235	31.308	0.3256	1.253	107E3	1.145 1.372

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
year	4	107E3	99.78	<.0001
year*year	4	107E3	42.56	<.0001
year*year*year	4	107E3	29.51	<.0001
Trt_Step	20	107E3	63.35	<.0001
year*Trt_Step	20	107E3	4.45	<.0001
age	4	107E3	21.78	<.0001
gender	4	107E3	22.25	<.0001
CCI	4	107E3	3.27	0.0109