The GLIMMIX Procedure

Model Information	
Data Set	WORK.ATS1K
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

The GLIMMIX Procedure

Class Level Information		
Class	**Levels**	**Values**
pat_id	1000	0268AAAAAAAFLBST 0268AAAAAAAHJXVD 0268AAAAAAATPLBL 0268AAAAAAAVOXCN 0268AAAAAABBRAMU 0268AAAAAABPQEXJ 0268AAAAAACORAJZ 0268AAAAAADGABHK 0309AAAAAAAGCXGI 0309AAAAAAAWAIJE 0309AAAAAABFMKYU 0309AAAAAABLFDQA 0309AAAAAACFVBSF 0309AAAAAACKQQOA 0309AAAAAACQSQYJ 0309AAAAAACVIIVO 0309AAAAAACYIXVF 0309AAAAADIUZPK 0309AAAAAADKOEUT 0309AAAAADNKOHN 0309AAAAAADQMHWH 0309AAAAAADTQVDF 0309AAAAAADTYQPT 0309AAAAADUUPED 0309AAAAAADYXSYW 0309AAAAAAEFOCHJ 0309AAAAAAEGBNJW 0309AAAAAAEGXMRI 0309AAAAAAEMIWXY 0309AAAAAAEYTMKD 0309AAAAAAFLOUUD 0309AAAAAAFOCELE 0310AAAAAAFYPSIE 0312AAAAAAGJOSDQ 0318AAAAAAHHXQHP 0319AAAAAAHMEIZQ 0329AAAAAAJIJYCA 0331AAAAAAJVQKMC 0334AAAAAAKJLRUQ 0340AAAAAAKXZESI 0342AAAAAALIRVUO 0347AAAAAALROLSI 0347AAAAAALUEXBF 0350AAAAAAMFJPQL 0352AAAAAAMQCQEQ 0355AAAAAAMXUXBE 0355AAAAAANAMQCJ 0363AAAAAAOEQDDS 0365AAAAAAOYAOPG 0366AAAAAAPGYTEN 0371AAAAAAQHWWGQ 0372AAAAAAQPMLDI 0372AAAAAAQRHMER 0378AAAAAASDQGWB 0384AAAAAATQTMLT 0388AAAAAAUPXCRB 0391AAAAAAVFVVKV 0391AAAAAAVGWNUR 0394AAAAAAWDAACN 0395AAAAAAWGSPFZ 0396AAAAAAWMMUNL 03a3AAAAAAXIDOHT 1914AAAAAAAJVEJV 1914AAAAAABDWVIL 1914AAAAAABHWSMH 1914AAAAAABRHLOP 1914AAAAAACABCXZ 1914AAAAAACEAGGV 1914AAAAAACYPHGQ 1914AAAAAAFTZEHB 1914AAAAAAGDZZFF 1914AAAAAAHAWQVF 1914AAAAAAHBVVDC 1914AAAAAAHBXBYM 2429AAAAAAAAKQRI 2429AAAAAABRYYFN 2429AAAAAACOPMFL 2429AAAAAACWMLOI 2429AAAAAADYBMDQ 2429AAAAAAEGWPYS 2429AAAAAAEQEXPG 2429AAAAAAFIBWPE 2429AAAAAAFNLSHG 2429AAAAAAFTABLL 2429AAAAAAGRCTHV 2430AAAAAAIMMDAU 2430AAAAAALANXHS 2430AAAAAALMJFUU 2430AAAAAAMCBHRM 2431AAAAAAVETPSK 2432AAAAAAYGALUG 2433AAAAABGVVYOA 2445AAAAAFDLAGFV 2506AAAAAABXZIJT 2506AAAAAACFPRMK 2506AAAAAACOYLID 2506AAAAAACWJIHD 4303AAAAAAAMXVMP 4303AAAAAABJQXYK 4316AAAAAACJDXUL 4326AAAAAACWXJUH 4415AAAAAABKGDGF 4610AAAAAAACYNTG 4610AAAAAAANQMKF 4610AAAAAAAWVCVD 4610AAAAAAAYLFFH 4614AAAAAACBZNRY 4615AAAAAACFSVGH 4615AAAAAACKSBBV 4618AAAAAACURLIY 4638AAAAAAECVJJE 4641AAAAAAERQMCR 4641AAAAAAEVEDTL 5645AAAAAAADNKEL 5645AAAAAAAAMUMLZ 5645AAAAAAARJHPT 5645AAAAAABJEBCL 5645AAAAAAEPTUJP 5645AAAAAAEPUSKA 5645AAAAAAEVHTLM 5645AAAAAAFCCIDB 5645AAAAAAFGSJCH 5645AAAAAAGRCSNF 5645AAAAAAGRCYIW 5645AAAAAAGTNZKG 5645AAAAAAHDAXHV 5645AAAAAAHHZZWP 5645AAAAAAHIEDRF 5645AAAAAAIELZFO 5645AAAAAAIGHOWP 5645AAAAAAIIPWYZ 5645AAAAAAJFBHGZ 5645AAAAAAJKUMJZ 5645AAAAAAJSFZFV 5645AAAAAAJZGXGD 5645AAAAAAKOPYSD 5645AAAAAAKORWPB 5645AAAAAAKPGHPJ

The GLIMMIX Procedure

Class Level Information		
Class	**Levels**	**Values**
pat_id		5645AAAAAALJIDAY 5645AAAAAALLQTCW 5645AAAAAAMQDRQG 5645AAAAAANBWWGW 5645AAAAAANEMFJC 5645AAAAAANICAZJ 5645AAAAAANJINJT 5645AAAAAANVAEZA 5645AAAAAANVEMAN 5645AAAAAAOLUQGD 5645AAAAAAQIKNQO 5645AAAAAAQZADIH 5645AAAAAAQZBKMC 5645AAAAAARANQKE 5645AAAAAARFLCUM 5645AAAAAARHYYEG 5645AAAAAARMZOEA 5645AAAAAASSCRHJ 5645AAAAAASVJRJH 5645AAAAAASWBUAJ 5645AAAAAAVONCDC 5645AAAAAAVXDDTD 5645AAAAAAWCYTFV 5645AAAAAAWFMVIC 5645AAAAAAWRRERC 5645AAAAAAXCMBSX 5645AAAAAAXDXGMQ 5645AAAAAAXEUYEF 5645AAAAAAXUJKFU 5645AAAAAAYLPZVV 5645AAAAAAYNFXCU 5645AAAAAAYPCLRQ 5645AAAAAAZDRQDD 5645AAAAAAZGAACI 5645AAAAAAZJZEXK 5645AAAAABAGIMSW 5645AAAAABAMMRZR 5645AAAAABAUTEDJ 6416AAAAAAARTKET 6416AAAAAABNLCJG 6416AAAAAABRRNKO 6416AAAAAACMDCIG 6416AAAAAACYOIXE 6416AAAAAADMZAFI 6416AAAAAADVWUAX 6416AAAAAAEEXUQI 6416AAAAAAEGRYEC 6416AAAAAAELOVBG 6416AAAAAAFBKMDN 6416AAAAAAFFFIRH 6416AAAAAAFUWNIB 6416AAAAAAGHSHKV 6416AAAAAAGTDYNU 6416AAAAAAHMHLOC 6416AAAAAAJJEPYM 6416AAAAAAJKWUCT 6416AAAAAAJPERGP 6416AAAAAAJSTEXW 6416AAAAAAJVMYSW 6416AAAAAAKDDPUL 6420AAAAAAPHGDMN 6420AAAAAAPMXMDU 6422AAAAAASDRSMX 6422AAAAAASDTTOW 6715AAAAAAAKZCAD 6715AAAAAAAOYLDN 6715AAAAAAAZYMVR 6715AAAAAADEZWAO 6715AAAAAAEYZRFD 6715AAAAAAFCZNTC 6715AAAAAAFFDBIK 6715AAAAAAFGJREE 6715AAAAAAGAMELJ 6717AAAAAAMSTJFA 7701AAAAAAAGEZOR 8801AAAAAAABLUHD 8801AAAAAAABNVEO 8801AAAAAAAPWVTT 8801AAAAAAAQDIEE 8801AAAAAAATTBHY 8801AAAAAAAWMHCF 8801AAAAAAAYDYXW 8801AAAAAABITUKP 8801AAAAAABSRGQC 8802AAAAAACDVOOP 8821AAAAAADNXGMD 8848AAAAAAFECOUO 8861AAAAAAFVYFVG 8861AAAAAAFWHMJZ 8867AAAAAAGLVPZQ 8870AAAAAAGRRUGI 8873AAAAAAGWCXZL 8878AAAAAAHGXTLZ 9612AAAAAAACPZDD 9612AAAAAAAEYVDN 9612AAAAAAAHHCYB 9612AAAAAAALXDVL 9612AAAAAAARHDQS 9612AAAAAAAZJJBU 9612AAAAAABKCPXQ 9612AAAAAABMNLPZ 9612AAAAAABZXGIY 9612AAAAAACAWSBK 9612AAAAAACETZVR 9612AAAAAACHANJW 9612AAAAAACKSOIM 9612AAAAAACSYXOO 9612AAAAAACTXFJG 9612AAAAAACXEVRB 9612AAAAAADHHCLL 9612AAAAAADRZPYI 9612AAAAAADSFXAM 9612AAAAAADURMQB 9612AAAAAADWFSBN 9612AAAAAADZRJQF 9612AAAAAAEAHCCJ 9612AAAAAAEANSJR 9612AAAAAAEBYOZD 9612AAAAAAEDNCEC 9612AAAAAAEHLECI 9612AAAAAAESOCHX 9612AAAAAAEUYQPO 9612AAAAAAFECVUM 9612AAAAAAFENCFM 9612AAAAAAFEPIQP 9612AAAAAAFHOLLJ 9612AAAAAAFOFWXO 9612AAAAAAFTJCWZ 9612AAAAAAFUMEPI 9612AAAAAAFYPKJG 9612AAAAAAGATBYT 9612AAAAAAGGWVSO 9612AAAAAAGIGFFK 9612AAAAAAGMOTXZ 9612AAAAAAGRKVWN 9613AAAAAAKCSQGN 9613AAAAAAKQKBJG 9613AAAAAAMLBICH

The GLIMMIX Procedure

Class Level Information		
Class	**Levels**	**Values**
pat_id		9613AAAAAAMWEPKD 9613AAAAAANKYTRZ 9614AAAAAAOJEJVI 9614AAAAAAQSEZJR 9614AAAAAASKCYEK 9614AAAAAAUEUDZU 9614AAAAAAUFWTEH 9615AAAAAAVRMNQZ 9615AAAAAAXSFRYO 9615AAAAAAYBBRAH 9615AAAAABAYIMRF 9618AAAAABGSVZMB 9621AAAAABLMLQER 9621AAAAABMNVHZD 9621AAAAABOGZMHP 9621AAAAABPFSCRW 9624AAAAACKTLDWU 9625AAAAACTYVPWW 9628AAAAACWHUNYP 9634AAAAADVHOQRP 9634AAAAADVZXLXV 9634AAAAADXKTXAU 9634AAAAAECAQWLI 9634AAAAAEDCQSHL 9634AAAAAEEVKOUJ 9634AAAAAEFHWYRN 9635AAAAAEKYYQDN 9636AAAAAEOKFOAD 9637AAAAAETTCCRD 9637AAAAAEYHISVN 9637AAAAAFBUCVKF 9637AAAAAFGBRYUT 9639AAAAAFTLGSEW 9640AAAAAFZJVNXS 9642AAAAAGCNJRPH 9642AAAAAGDDUPCO 9643AAAAAGFRUHHY 9645AAAAAGTHRNIN 9646AAAAAHFOSROS 9652AAAAAHVGRDFA 9653AAAAAHXJRAQV 9653AAAAAHYKNCOE 9655AAAAAIFECHXE 9655AAAAAIGPBPJG 9656AAAAAIHYUKVW 9656AAAAAIIDUMNZ 9658AAAAAITYSYUP 9658AAAAAIUUADFQ 9658AAAAAIVXEDTA 9660AAAAAJAFWIQQ 9660AAAAAJBWPWZM 9661AAAAAJDGOEFJ 9665AAAAAJLHVYTK a122AAAAAAACZMGU a122AAAAAAAJOGYE a122AAAAAAANTNDH b304AAAAAAAGBXFK b311AAAAAAAXQCUV b403AAAAAAAAXGIW b705AAAAAAAABJDSZ b705AAAAAAAAMRTYZ b705AAAAAAAVOFEE b705AAAAAABKIFFI b705AAAAAABWYYNI b705AAAAAACDYMBJ b743AAAAAAVLOPVW d155AAAAAAAGBASA d155AAAAAAAGLAIJ d155AAAAAAAAIGZVQ d155AAAAAAANUDIL d155AAAAAAAAOAJXD d155AAAAAAAAPMOXR d155AAAAAAAAUNHYU d155AAAAAAAZBQJL d155AAAAAAABAHXTP d155AAAAAAABATAFE d164AAAAAACBGVAV d822AAAAAACNIFEZ d822AAAAAACOEFFP d822AAAAAADQEJSS d822AAAAAAEKZKSI d822AAAAAAFOHEMV d822AAAAAAFUHAZR d822AAAAAAGCYJRU d822AAAAAAGRGSRL d822AAAAAAHENXSV d822AAAAAAHXBIWG d822AAAAAAJWHAVU d822AAAAAAJZOJMB d822AAAAAAKJONNB d822AAAAAAKKSSYS d822AAAAAALNKDLP e869AAAAAAADNGTH e869AAAAAAAENHJA e869AAAAAAAEVIEX e869AAAAAAAONCWE e869AAAAAAAYDBFT e869AAAAAABKPUUI e869AAAAAABPGJQO e869AAAAAABQZMXO e869AAAAAABXUREC e869AAAAAABZMCIR e869AAAAAACMHXDE e869AAAAAACQDHPK e869AAAAAACVCDIT e869AAAAAACYXSEC e869AAAAAADIJDLK e869AAAAAADPWORY e869AAAAAADUBYAJ e869AAAAAADWAMDH f433AAAAAAAAFOIT f433AAAAAAADOCJW f433AAAAAAADQUJT f433AAAAAAAGSZIM f433AAAAAAAKIUOI f433AAAAAAANCIMJ f433AAAAAAAQFTOI f433AAAAAAASLRSM f433AAAAAABDIRCJ f433AAAAAABEOBVG f433AAAAAABEQTEA f433AAAAAABHFSQI f433AAAAAABKLYDN f433AAAAAABKPFAD f433AAAAAABMVTKT f433AAAAAABMZCTE f433AAAAAABPGFUZ f433AAAAAABSWWHK f433AAAAAABVBJOA f433AAAAAABXHETJ f433AAAAAACKZQYJ f433AAAAAACNVIID f433AAAAAACOPROE f433AAAAAACQTISS f433AAAAAACQZQQT f433AAAAAACRBNZJ f433AAAAAACZTUMU f433AAAAAACZXRPM f433AAAAAADARZTH

The GLIMMIX Procedure

Class Level Information		
Class	**Levels**	**Values**
pat_id		f433AAAAAADEBIOX f433AAAAAADEJPCQ f433AAAAAADGCLDM f435AAAAAADLJFYF f439AAAAAAFGFWXE f439AAAAAAFIYZWC f444AAAAAAHQQJYZ f448AAAAAAIZQWIO f941AAAAAAAHEQAT f941AAAAAAAXMVZE f941AAAAAABCFBWA f941AAAAAABDJJBT f941AAAAAABDQVPX f941AAAAAABEBMNH f941AAAAAABFOYMQ f941AAAAAABILMIR f941AAAAAABQAKCJ f941AAAAAABQSFMG f941AAAAAACQDDOD f941AAAAAACRCYDE f941AAAAAACVMCRU f941AAAAAADGCCJS f941AAAAAADLFOJB f941AAAAAADQPXTK f941AAAAAADTTJEY f941AAAAAAEUMUGB f941AAAAAAFCOHAG f941AAAAAAFDOSUL f941AAAAAAFEQOOY f941AAAAAAFJODCS f941AAAAAAFKINBS f941AAAAAAIFTTJJ f948AAAAAALOZGUL f948AAAAAAMJVJIN h612AAAAAAAJIODO h612AAAAAAATFBBM h612AAAAAAAUAUQE h612AAAAAACLNAQW h612AAAAAAHOLHSB h612AAAAAAHXAEHZ h612AAAAAAIBHMFO h612AAAAAAIEYMEW h612AAAAAAIRLAJJ h612AAAAAAJCVGTC h612AAAAAALDYYJW h612AAAAAAMLKZVB h612AAAAAAMMDFIN h612AAAAAANJLWQN h612AAAAAANTHAIW h612AAAAAAQAPPAT h612AAAAAAQDSRMB h612AAAAAAQNEDAN h612AAAAAAQSZAWE h612AAAAAAQXPKPV h612AAAAAARFACLQ h612AAAAAARJFAAV h612AAAAAASHDFOC h612AAAAAATCQLEA h612AAAAAATEKTOA h612AAAAAATIEGBW h612AAAAAAUSCCFK h612AAAAAAUYKJEA h612AAAAAAVETPLO h612AAAAAAVFOUCK h612AAAAAAVIEKLL h612AAAAAAWJDBBK h612AAAAAAWMRWHR h612AAAAAAWQZUAW h612AAAAAAXJUKFV h612AAAAAAXQURYI h612AAAAAAZOLRAZ h612AAAAABBAXBZI h612AAAAABBCPWKI h612AAAAABBKMOWD h612AAAAABBZFTQA h612AAAAABCPAVHG h612AAAAABCRXBOJ h612AAAAABCZHTZD h612AAAAABDRWLMX h612AAAAABELHHCN h612AAAAABEVOPDS h612AAAAABFHAIKX h612AAAAABHGTVIC h612AAAAABHTFOAB h612AAAAABJHXIRY h612AAAAABKDBBWW h612AAAAABLQWXLL h612AAAAABLWNCFV h612AAAAABLXSIXM h612AAAAABMCKANI h612AAAAABNQNPPH h612AAAAABNWMAFH h612AAAAABPQVAEY h612AAAAABRKYFJY h612AAAAABRWQJEI h612AAAAABSLOOQG h612AAAAABSSXXRN h612AAAAABXMYMXS h612AAAAABYFLIKH h612AAAAABZRMMDD h612AAAAACAHWRCR h612AAAAACCZLDEH h612AAAAACDCATQD h612AAAAACDGHIEO h612AAAAACDOFVNF h612AAAAACDTMEPK h612AAAAACFFYTHS h612AAAAACFPSYDV h612AAAAACFRKOMS h612AAAAACGCXDEL h612AAAAACGIBNLT h612AAAAACGSKFWS h612AAAAACHFEEOO h612AAAAACHJNUSC h612AAAAACHJVKKA h612AAAAACIEXJSG h612AAAAACIZMVXF h612AAAAACJYLMIB h612AAAAACKJCGBJ h612AAAAACKXRRVN h612AAAAACLMWQFL h612AAAAACLTFCTH h612AAAAACMDGCKY h612AAAAACMOSCEU h612AAAAACNDZPTF h612AAAAACNEYVNI h612AAAAACNJBSNN h612AAAAACOJOVOT h612AAAAACQIUCGR h612AAAAACQZPFDS h612AAAAACSDRRME h612AAAAACSLNPEH h612AAAAACXRTWES h612AAAAACXWFBVK h612AAAAACZCFEUV h612AAAAACZJGKVO h612AAAAADABDPMX h612AAAAADCSVAPD h612AAAAADDMXJTR		

The GLIMMIX Procedure

Class Level Information		
Class	**Levels**	**Values**
pat_id		h612AAAAADDZGKOM h612AAAAADELNUMY h612AAAAADEQDQMP h612AAAAADEVPHAK h612AAAAADFIWSXI h612AAAAADGAVSDF h612AAAAADGILPFP h612AAAAADIGITVZ h612AAAAADIREOXN h612AAAAADITUUBP h612AAAAADIZRKOR h612AAAAADIZYLWC h612AAAAADJCKGLH h612AAAAADJHKMVQ h612AAAAADJKUASA h612AAAAADJZGAHR h612AAAAADKACTPK h612AAAAADKHSKOC h612AAAAADLTRBJS h612AAAAADMTWQIM h612AAAAADNVEBPQ h612AAAAADOERCPA h612AAAAADOHQJJU h612AAAAADOPCWKF h612AAAAADOVMGIR i205AAAAAAAAHEQN i205AAAAAAABQSER i205AAAAAAABXIDZ i205AAAAAAAJLMGH i205AAAAAAAPAPOK i205AAAAAAAPQYBF i205AAAAAAARWZUE i205AAAAAABBWFWZ i205AAAAAABKBICU i205AAAAAABKKROZ i205AAAAAACNMTXX i205AAAAAACOMAGC i205AAAAAACPSGGN i205AAAAAACRMRRZ i205AAAAAACVOKQD i205AAAAAADDUIQC i205AAAAAADGWLIN i205AAAAAADGWNRV i205AAAAAADGYBXM i205AAAAAADKAMUX i205AAAAAADLJEPO i205AAAAAADLZQQZ i205AAAAAAEIOOBV i205AAAAAAEQVZPO i205AAAAAAFGCBIE i205AAAAAAFHSYOU i205AAAAAAFTZDIJ i205AAAAAAFXKLKS i205AAAAAAGBXVCN i205AAAAAAGHTLQV i205AAAAAAGKYNAV i205AAAAAAGPHTRQ i205AAAAAAHYYGHQ i205AAAAAAIMVICW i205AAAAAAIYCPMQ i205AAAAAAJDMMGE i205AAAAAAJLBUGA i205AAAAAAJOKKYX i205AAAAAAJOWQVG i205AAAAAAKAQLUP i205AAAAAAKCDURT i205AAAAAALEOYMM i205AAAAAALMJBBD i205AAAAAALMKEXR i205AAAAAAMBNQDJ i205AAAAAAMESUQM i205AAAAAAMOFWLT i205AAAAAAMPXRYG i206AAAAAAONGHXX i206AAAAAAUFZQBM i206AAAAAAXSTPHP i207AAAAABDIICLU i207AAAAABDZEMUQ i207AAAAABFESDZH i208AAAAABJLMJSP i210AAAAABQTSJPF k306AAAAAAAKXFOW k306AAAAAAAQKJAF k306AAAAAAATDXTF k306AAAAAAAUFARP k306AAAAAAAXPORE k306AAAAAABGPLWX k306AAAAAABHZBZF k306AAAAAABIRSTE k306AAAAAABKDNIF k306AAAAAABKGELN k306AAAAAABVKMYQ k306AAAAAACBQCZP k306AAAAAACCICFY k306AAAAAACIDSVT k306AAAAAACNHLJU k306AAAAAACPSRMC k307AAAAAACRRGXS k307AAAAAACSVEFJ k307AAAAAADBDYNJ k315AAAAAAGDJZON k333AAAAAALDDHZB k333AAAAAALEVACQ k333AAAAAALIHPMY k333AAAAAALJPJNN k333AAAAAALLAHON k333AAAAAALLTBSA k333AAAAAALMTIGH k335AAAAAAMOJFVT k338AAAAAAOFAEFW k344AAAAAARQUPUM ma31AAAAAAAEPHFH ma31AAAAAAAGNRBC ma31AAAAAAALBGLZ ma31AAAAAAANGQGX ma31AAAAAAAOKYFQ ma31AAAAAAASNTZK ma31AAAAAAATSQUL ma31AAAAAAAUERJG ma31AAAAAABFPAHQ ma31AAAAAABHUBCH ma31AAAAAABJBGLM ma31AAAAAABOFKKY ma31AAAAAABVLUOQ ma31AAAAAACANLLC ma31AAAAAACCNVXH ma33AAAAAADXFKVG ma33AAAAAADYTUTY ma33AAAAAAEBAZTH mc04AAAAAAACMHJV mc04AAAAAAACTQUT mc04AAAAAAAJEUWH mc04AAAAAAAKDYGK mc04AAAAAAAOCGOY mc04AAAAAAAVVVXM mc04AAAAAAAVWGAR mc04AAAAAABHEPET mc04AAAAAABMVCOY

The GLIMMIX Procedure

Class Level Information		
Class	**Levels**	**Values**
pat_id		mc04AAAAAABPTVPA mc04AAAAAABROBRK mc04AAAAAABUEXTB me03AAAAAAABAAVU me03AAAAAAALGKUU me03AAAAAAALIMGN mg19AAAAAAAHXMBT mg19AAAAAAAPNEFQ mg19AAAAAAATIRIK mg19AAAAAAAVSTMU mg19AAAAAAAWPFKQ mg19AAAAAABOYMJL mg19AAAAAABPTGVG mg19AAAAAABTNPKC mg19AAAAAACADNQM mg19AAAAAACMVISU mg19AAAAAACOIXDR mg19AAAAAACPODSY mg19AAAAAACRHPAU mg19AAAAAACSFGWT mg19AAAAAACYDFIX mg19AAAAAACYRZIT mg19AAAAAACZWHEV mg19AAAAAADDMBEP mg19AAAAAADERGZI mg19AAAAAADIONEA mg19AAAAAADTCQFL mg19AAAAAAEBKGQD mg19AAAAAAEFZFQW mg19AAAAAAEHVOND mg19AAAAAAESTDYD mg19AAAAAAETHMXB mg19AAAAAAEVDGCM mg19AAAAAAFDDFTS mg19AAAAAAFFKSRJ mg19AAAAAAFHYYFA mg19AAAAAAFIAJVE mg19AAAAAAFJDYGF mg19AAAAAAFJRQUZ mg19AAAAAAFNWWGX mg19AAAAAAFPSKTF mg19AAAAAAFRSXAR mg19AAAAAAFXQFRS mg19AAAAAAFYNAJU mg19AAAAAAFYVXHY mg19AAAAAAFZIWPW mg19AAAAAAGJXOTW mg19AAAAAAGVDJWQ mg19AAAAAAGVETKG mg19AAAAAAHFADXM mg19AAAAAAHGNYME mg19AAAAAAHIUJBO mg19AAAAAAHNQJTW mg19AAAAAAHOBWVE mg19AAAAAAHPEQUN mg19AAAAAAHSWOXR mg19AAAAAAHYZGPD mg19AAAAAAIHATFM mg19AAAAAAIJGUDA mg19AAAAAAILNQVQ mg19AAAAAAJAQOGE mg19AAAAAAJEMQVU mg19AAAAAAJQHDKJ mg19AAAAAAJRXWOQ mg19AAAAAAKECVOR mg19AAAAAAKHWFRU mg19AAAAAAKKYYST mg19AAAAAAKTGFKH mg19AAAAAALBRSCH mg19AAAAAALEULZN mg19AAAAAALIPWJU mg19AAAAAALKOOYR mg19AAAAAALLNNHD mg20AAAAAALSKPJM mg20AAAAAANXTUXN mg20AAAAAAOXAIQX mg20AAAAAAOYYKSC mg20AAAAAASGSWAC mg20AAAAAASUYBDV mg20AAAAAAWMHOAC mh07AAAAAAADGAPY mh07AAAAAAAJTWIL mh07AAAAAAAOVAHY mh07AAAAAAAQIVXQ mi07AAAAAAAAAICB mi07AAAAAAAAGDNS mj15AAAAAAABCBRF mj15AAAAAAAGMEWS mp01AAAAAAABUMXC p615AAAAAAADFKRI p615AAAAAAAEVRZK p615AAAAAAAFFRZD p615AAAAAAAIKVEL p615AAAAAAAILLHR p615AAAAAAAQWFHF p615AAAAAAATPXBB p615AAAAAAAUVTSN p615AAAAAAAUXLBV p615AAAAAABASUII p615AAAAAABFHGLT p615AAAAAABTASQZ p615AAAAAABWIZPZ p615AAAAAABWNSMF p615AAAAAACBFDHN p615AAAAAACGJZNZ p615AAAAAACJRQTG p615AAAAAACKMHFY p615AAAAAADBTPBN p615AAAAAADHDTHQ p615AAAAAADIFDHK p615AAAAAADLPWTZ p615AAAAAADTTVJV p615AAAAAADXGRXW p615AAAAAAEAVADC p615AAAAAAEBNCJJ p615AAAAAAEHMUUY p621AAAAAAHXXJLH p624AAAAAAJWNCRP p624AAAAAAJYVTEV p626AAAAAALAHNMZ p637AAAAAAPZQAFX p638AAAAAAQPKHRW p647AAAAAAULDVWL p647AAAAAAULXRUK p649AAAAAAVGCTHH p649AAAAAAVGGWJW p655AAAAABAFWTXW p657AAAAABBWTSJR p657AAAAABBWTTWZ p660AAAAABEIAFGZ p662AAAAABGUILNA p669AAAAABLRLMMD p675AAAAABQQQIMR p676AAAAABRMFCVD p680AAAAABVCDQNO p692AAAAACIORRMB p694AAAAACKAKUDT p834AAAAAABEEQLY

The GLIMMIX Procedure

Class Level Information		
Class	**Levels**	**Values**
pat_id		p834AAAAAABWELNO p834AAAAAABZXHOI p834AAAAAACPRPRK p834AAAAAACRQYMB p834AAAAAACXWSAM p834AAAAAADCNHOK p834AAAAAADMOGZP p834AAAAAADVZLHO p834AAAAAAEHYKCK p834AAAAAAEJCGMO p834AAAAAAESVSIT p834AAAAAAEVUAPL p834AAAAAAFAGHZZ p834AAAAAAFSEXMG p834AAAAAAFUZTUL p834AAAAAAFVOSNI p834AAAAAAGHAHCU p834AAAAAAGNKMNI p834AAAAAAGUSXBK p834AAAAAAHHCPNA p834AAAAAAHVELRR p834AAAAAAHXBYEA p834AAAAAAIIPJHB p834AAAAAAISLJFX p834AAAAAAJFZQXK p834AAAAAAJXMZCA p834AAAAAAKAPHFU p834AAAAAAKOFMBA p834AAAAAAKOWPOH p834AAAAAALMTLOB p834AAAAAAMFUSVJ p834AAAAAAMIWQGM p834AAAAAAMXPHRL p834AAAAAAMXXWQW p834AAAAAANJJOPO p834AAAAAAOHRBPE p834AAAAAAOHSVTI p834AAAAAAOXQINE p834AAAAAAPHPNOT p834AAAAAAPMPHJZ p834AAAAAAPOOZVE p834AAAAAAQBGYSD p834AAAAAAQYFFWJ p834AAAAAARELMSO p834AAAAAARZVASX p834AAAAAASVNQRQ p834AAAAAASWFSUP p834AAAAAASZOTOM p834AAAAAATQTQFE p834AAAAAATUKGFG p834AAAAAATZQQJW p834AAAAAAUDIVVK p834AAAAAAVNKKOC p834AAAAAAVUVTKB p834AAAAAAWATBBZ p834AAAAAAWFKELD p834AAAAAAWPAFLQ p834AAAAAAWWQKRR p834AAAAAAXABJBA p834AAAAAAXDAABO p834AAAAAAXDTZBT p834AAAAAAXEGRYH p834AAAAAAXFKNDI p834AAAAAAXFTEIH p834AAAAAAXHIVRT p834AAAAAAXRBALP p834AAAAAAXRWEMS p834AAAAAAXSAJHZ p834AAAAAAXSWPIM p834AAAAAAYOPDYZ p834AAAAABASEALM p835AAAAABEWJUVH p836AAAAABIRIQYO p836AAAAABJDVTSD p839AAAAABUIGMRA p840AAAAABXJSFNR p840AAAAABYILRJP p842AAAAACGIVMWV p845AAAAACQFCQST s103AAAAAAANYMLA s103AAAAAAAQWVTL s103AAAAAAATCMUO s103AAAAAAAUOVTD s103AAAAAAAYBHPG s103AAAAAAAZZFBA s103AAAAAABHBYIW s103AAAAAABRGXDQ s103AAAAAABZXEMZ s103AAAAAACCMQGF s103AAAAAACZYKSH s103AAAAAADCZWKU s103AAAAAADSSTCF s103AAAAAAEDQTQX s103AAAAAAEXRWEY s103AAAAAAGVZGIM s103AAAAAAHGWTXJ s103AAAAAAHNXFCO s103AAAAAAIAGAZB s103AAAAAAICOLIC s103AAAAAAJKUNXJ s103AAAAAAJXYHMO s103AAAAAAKIYNWE s103AAAAAAKRNUEZ s103AAAAAAKZHMAB s103AAAAAALQKIWK s103AAAAAALYLPTJ s103AAAAAAMRQGDR s103AAAAAAMTPYAT s103AAAAAANJOSAS s103AAAAAANQQDFW s103AAAAAANWVEOV s103AAAAAAOCCJYH s103AAAAAAODCLJP s103AAAAAAOLAQRZ s103AAAAAAONZSQN s103AAAAAAOVSTVO s103AAAAAAPKVNVK s104AAAAAAQWDXAT s105AAAAAASQRZEB s105AAAAAATBBGZB s105AAAAAAUBVSQY s107AAAAAAZSONRI s107AAAAABAQCGTG s107AAAAABBDAHGQ s107AAAAABBUVRSB s107AAAAABDFYLCH s107AAAAABECDCJW s107AAAAABEEQVGU s107AAAAABEJTNMO s107AAAAABEZBDWW s107AAAAABIAWFOF s107AAAAABNNSHYG s107AAAAABOOIDLZ s107AAAAABQRJMJO s108AAAAABRIDLQY s108AAAAABTLZXHB s109AAAAACBUAUBJ s110AAAAACHFEMTC

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Class Level Information		
Class	**Levels**	**Values**
pat_id		s111AAAAACUHFPEO s111AAAAADDONHAJ s112AAAAADLGUOPH s112AAAAADLIATKI s112AAAAADLYFEYK s112AAAAADPPJZES s112AAAAADQVYAAG s112AAAAADUHKRLC s112AAAAADWQJJYD s112AAAAADXAWEKY s112AAAAAECFVSXV s112AAAAAEGKJQZM s117AAAAAEZGPDZI s117AAAAAFCBQJYR s117AAAAAFMIVBFY s117AAAAAFTQWXSY s117AAAAAFUHUBOL s117AAAAAFWQXNTI s117AAAAAFXENKRY s117AAAAAFYGPRLB s117AAAAAFYZMYKV s117AAAAAFZKYVIT s125AAAAAIAFEUEG s125AAAAAIBVLJPQ s125AAAAAIDCFHQR s125AAAAAIFXEVTM s125AAAAAIGBSZLU s125AAAAAIGSAEHP s125AAAAAIGZYBGM s125AAAAAIHLAJOY s125AAAAAIJPSQQA s125AAAAAIMIPPOR
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	25301
Number of Observations Used	25301

Response Profile		
Ordered Value	**Event**	**Total Frequency**
1	0	22652
2	1	290
3	2	545
4	3	743
5	4	1071
In modeling category probabilities, Event='0' serves as the reference category.		

Dimensions	
G-side Cov. Parameters	4
Columns in X	80
Columns in Z per Subject	4
Subjects (Blocks in V)	1000
Max Obs per Subject	219

The GLIMMIX Procedure

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

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	21990.429435	.	8573.185
1	0	7	21874.95813	115.47130480	7522.135
2	0	2	21810.813188	64.14494197	2798.287
3	0	2	21795.770469	15.04271859	2305.898
4	0	2	21789.526128	6.24434128	1922.427
5	0	2	21787.357556	2.16857241	644.6326
6	0	3	21786.583463	0.77409282	176.4358
7	0	3	21786.33735	0.24611310	219.5082
8	0	4	21782.181936	4.15541357	1185.557
9	0	2	21779.000414	3.18152231	1672.991
10	0	2	21774.923932	4.07648222	312.4478
11	0	2	21770.665755	4.25817645	280.6272
12	0	3	21770.296929	0.36882574	190.1549
13	0	2	21770.046545	0.25038412	768.5117
14	0	4	21769.086509	0.96003628	685.3054
15	0	6	21732.319571	36.76693823	3660.498
16	0	3	21712.3659	19.95367045	996.9518
17	0	3	21706.674855	5.69104495	1064.485
18	0	2	21698.28017	8.39468507	540.0899
19	0	3	21697.395765	0.88440529	280.8244
20	0	2	21696.310682	1.08508307	838.4654
21	0	4	21680.204194	16.10648750	3399.824
22	0	2	21658.840409	21.36378524	1505.422
23	0	3	21652.881924	5.95848494	851.03
24	0	3	21652.284907	0.59701734	162.7097
25	0	3	21651.935404	0.34950283	344.8434
26	0	4	21646.213917	5.72148746	1407.087
27	0	4	21633.265767	12.94814979	1865.536
28	0	3	21626.066586	7.19918100	1415.996
29	0	2	21616.739234	9.32735223	1431.409
30	0	3	21610.662763	6.07647053	582.1749
31	0	3	21610.341934	0.32082902	137.0504
32	0	3	21610.203915	0.13801887	198.4334
33	0	4	21609.257133	0.94678211	903.6832
34	0	4	21605.771833	3.48530010	568.4823

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
35	**0**	3	21603.993856	1.77797722	248.1435
36	**0**	3	21603.901917	0.09193861	41.56803
37	**0**	4	21603.612344	0.28957289	363.9401
38	**0**	2	21603.153164	0.45917968	43.04125
39	**0**	2	21602.466829	0.68633579	434.753
40	**0**	4	21597.841194	4.62563498	1251.999
41	**0**	3	21595.29617	2.54502387	57.37579
42	**0**	3	21595.281478	0.01469224	38.87068
43	**0**	4	21595.208337	0.07314097	278.8338
44	**0**	4	21594.944967	0.26336953	271.5223
45	**0**	6	21588.418383	6.52658397	1038.876
46	**0**	3	21585.971737	2.44664614	141.9716
47	**0**	3	21585.377152	0.59458474	278.2038
48	**0**	3	21585.166087	0.21106502	52.51667
49	**0**	3	21585.149002	0.01708552	92.43316
50	**0**	6	21583.88423	1.26477187	326.0907
51	**0**	3	21583.298511	0.58571838	41.09747
52	**0**	2	21583.165894	0.13261710	338.1217
53	**0**	2	21582.946135	0.21975915	81.02999
54	**0**	3	21582.864258	0.08187682	70.12658
55	**0**	3	21582.844776	0.01948270	78.10587
56	**0**	6	21582.354894	0.48988146	619.3881
57	**0**	2	21581.713265	0.64162962	147.5005
58	**0**	4	21579.672768	2.04049693	829.5656
59	**0**	2	21577.870775	1.80199258	538.8716
60	**0**	3	21577.247325	0.62345010	136.3882
61	**0**	3	21577.125319	0.12200606	27.61155
62	**0**	3	21577.121446	0.00387339	17.80364
63	**0**	6	21576.945364	0.17608191	347.1917
64	**0**	2	21576.754754	0.19060972	73.76758
65	**0**	3	21576.664697	0.09005660	114.1183
66	**0**	6	21573.613306	3.05139160	560.6887
67	**0**	3	21573.087014	0.52629208	132.3772
68	**0**	3	21573.040691	0.04632247	49.73566
69	**0**	2	21573.007014	0.03367752	53.52944

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
70	**0**	3	21572.998273	0.00874064	14.21924
71	**0**	6	21572.881045	0.11722780	327.1128
72	**0**	2	21572.774564	0.10648123	99.21156
73	**0**	3	21572.753521	0.02104263	36.60873
74	**0**	6	21571.987701	0.76582019	796.6731
75	**0**	3	21571.645074	0.34262705	93.96366
76	**0**	2	21571.617084	0.02798972	449.6568
77	**0**	4	21571.490654	0.12643089	21.09664
78	**0**	3	21571.432186	0.05846730	17.937
79	**0**	3	21571.430129	0.00205684	30.61094
80	**0**	8	21570.99787	0.43225897	617.9976
81	**0**	2	21570.554765	0.44310511	153.5518
82	**0**	3	21570.524223	0.03054250	45.79233
83	**0**	4	21570.065768	0.45845496	499.0283
84	**0**	3	21569.85814	0.20762824	96.93234
85	**0**	2	21569.655605	0.20253491	181.7859
86	**0**	3	21569.625935	0.02966991	18.77974
87	**0**	3	21569.623679	0.00225600	19.5623
88	**0**	8	21568.847083	0.77659610	267.9728
89	**0**	3	21568.532391	0.31469210	24.18179
90	**0**	3	21568.518334	0.01405658	102.3483
91	**0**	4	21568.304511	0.21382329	50.14249
92	**0**	3	21568.290308	0.01420241	21.02565
93	**0**	3	21568.28678	0.00352837	12.81067
94	**0**	4	21568.272524	0.01425627	71.59117
95	**0**	2	21568.248399	0.02412429	12.59711
96	**0**	2	21568.210987	0.03741198	96.06963
97	**0**	4	21567.912703	0.29828391	372.4461
98	**0**	4	21567.065331	0.84737213	52.37457
99	**0**	3	21567.060922	0.00440904	5.070725
100	**0**	2	21567.059561	0.00136118	11.26261

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

Estimated G matrix is not positive definite.

The GLIMMIX Procedure

Fit Statistics	
-2 Log Likelihood	21567.06
AIC (smaller is better)	21709.06
AICC (smaller is better)	21709.46
BIC (smaller is better)	22057.51
CAIC (smaller is better)	22128.51
HQIC (smaller is better)	21841.50

Fit Statistics for Conditional Distribution	
-2 log L(Event | r. effects)	19314.84

Covariance Parameter Estimates				
Cov Parm	**Subject**	**Group**	**Estimate**	**Standard Error**
Intercept	pat_id	Event 1	3.3033	0.5279
Intercept	pat_id	Event 2	0	.
Intercept	pat_id	Event 3	1.0201	0.1430
Intercept	pat_id	Event 4	1.0423	0.1224

Solutions for Fixed Effects											
Effect	**Event**	**Trt_Step**	**gender**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Alpha**	**Lower**	**Upper**
Intercept	1			-5.8518	0.3248	3987	-18.02	<.0001	0.05	-6.4885	-5.2151
Intercept	2			-2.2780	0.1146	3987	-19.87	<.0001	0.05	-2.5028	-2.0533
Intercept	3			-3.1838	0.1570	3987	-20.28	<.0001	0.05	-3.4916	-2.8760
Intercept	4			-2.9968	0.1396	3987	-21.47	<.0001	0.05	-3.2704	-2.7232
year	1			0.2584	0.2451	21246	1.05	0.2917	0.05	-0.2219	0.7388
year	2			-0.4869	0.1694	21246	-2.87	0.0041	0.05	-0.8189	-0.1549
year	3			-0.7834	0.1561	21246	-5.02	<.0001	0.05	-1.0893	-0.4774
year	4			-0.6339	0.1350	21246	-4.69	<.0001	0.05	-0.8986	-0.3692
year*year	1			-0.1177	0.1045	21246	-1.13	0.2600	0.05	-0.3225	0.08711
year*year	2			-0.00624	0.08080	21246	-0.08	0.9385	0.05	-0.1646	0.1521
year*year	3			0.2554	0.06891	21246	3.71	0.0002	0.05	0.1204	0.3905
year*year	4			0.2116	0.06189	21246	3.42	0.0006	0.05	0.09025	0.3329
year*year*year	1			0.01054	0.01172	21246	0.90	0.3685	0.05	-0.01243	0.03350
year*year*year	2			0.006519	0.009690	21246	0.67	0.5011	0.05	-0.01247	0.02551
year*year*year	3			-0.02370	0.008021	21246	-2.96	0.0031	0.05	-0.03943	-0.00798
year*year*year	4			-0.02160	0.007491	21246	-2.88	0.0039	0.05	-0.03628	-0.00691

The GLIMMIX Procedure

Solutions for Fixed Effects

Effect	Event	Trt_Step	gender	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
Trt_Step	1	1		-1.9376	0.5696	21246	-3.40	0.0007	0.05	-3.0540	-0.8213
Trt_Step	2	1		-1.9588	0.3073	21246	-6.37	<.0001	0.05	-2.5612	-1.3564
Trt_Step	3	1		0.1540	0.1490	21246	1.03	0.3015	0.05	-0.1381	0.4460
Trt_Step	4	1		0.01241	0.1319	21246	0.09	0.9250	0.05	-0.2461	0.2710
Trt_Step	1	2		-3.3179	0.8088	21246	-4.10	<.0001	0.05	-4.9032	-1.7325
Trt_Step	2	2		-2.5277	0.3878	21246	-6.52	<.0001	0.05	-3.2878	-1.7675
Trt_Step	3	2		-0.8641	0.2414	21246	-3.58	0.0003	0.05	-1.3373	-0.3909
Trt_Step	4	2		-0.5099	0.1845	21246	-2.76	0.0057	0.05	-0.8716	-0.1482
Trt_Step	1	3		-2.6056	0.7628	21246	-3.42	0.0006	0.05	-4.1008	-1.1104
Trt_Step	2	3		-2.0132	0.3599	21246	-5.59	<.0001	0.05	-2.7186	-1.3078
Trt_Step	3	3		-0.4899	0.2184	21246	-2.24	0.0249	0.05	-0.9181	-0.06182
Trt_Step	4	3		-0.5397	0.1883	21246	-2.87	0.0042	0.05	-0.9088	-0.1707
Trt_Step	1	4		-2.8930	0.8886	21246	-3.26	0.0011	0.05	-4.6347	-1.1513
Trt_Step	2	4		-2.1287	0.4066	21246	-5.23	<.0001	0.05	-2.9257	-1.3317
Trt_Step	3	4		-0.4330	0.2315	21246	-1.87	0.0615	0.05	-0.8868	0.02084
Trt_Step	4	4		-0.3400	0.1909	21246	-1.78	0.0750	0.05	-0.7143	0.03424
Trt_Step	1	5		-2.3853	1.1233	21246	-2.12	0.0337	0.05	-4.5871	-0.1835
Trt_Step	2	5		-1.0651	0.8330	21246	-1.28	0.2011	0.05	-2.6979	0.5677
Trt_Step	3	5		1.8274	0.2909	21246	6.28	<.0001	0.05	1.2571	2.3976
Trt_Step	4	5		1.0035	0.3229	21246	3.11	0.0019	0.05	0.3707	1.6364
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		-0.5743	0.4345	21246	-1.32	0.1863	0.05	-1.4260	0.2774
year*Trt_Step	2	1		-0.3450	0.2569	21246	-1.34	0.1793	0.05	-0.8485	0.1585
year*Trt_Step	3	1		-0.1219	0.07084	21246	-1.72	0.0854	0.05	-0.2607	0.01699
year*Trt_Step	4	1		-0.1986	0.06866	21246	-2.89	0.0038	0.05	-0.3332	-0.06404
year*Trt_Step	1	2		0.3187	0.3089	21246	1.03	0.3023	0.05	-0.2869	0.9242
year*Trt_Step	2	2		0.1332	0.2226	21246	0.60	0.5495	0.05	-0.3030	0.5694
year*Trt_Step	3	2		0.01912	0.1076	21246	0.18	0.8590	0.05	-0.1918	0.2301
year*Trt_Step	4	2		-0.2620	0.1063	21246	-2.46	0.0137	0.05	-0.4705	-0.05358
year*Trt_Step	1	3		0.003735	0.3157	21246	0.01	0.9906	0.05	-0.6151	0.6225
year*Trt_Step	2	3		-0.08236	0.2227	21246	-0.37	0.7115	0.05	-0.5189	0.3542
year*Trt_Step	3	3		0.09280	0.08553	21246	1.09	0.2779	0.05	-0.07484	0.2604

The GLIMMIX Procedure

Solutions for Fixed Effects

Effect	Event	Trt_Step	gender	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
year*Trt_Step	4	3		-0.06151	0.08680	21246	-0.71	0.4786	0.05	-0.2316	0.1086
year*Trt_Step	1	4		0.1731	0.3667	21246	0.47	0.6369	0.05	-0.5456	0.8917
year*Trt_Step	2	4		0.03929	0.2305	21246	0.17	0.8647	0.05	-0.4126	0.4912
year*Trt_Step	3	4		0.1900	0.08873	21246	2.14	0.0323	0.05	0.01609	0.3639
year*Trt_Step	4	4		-0.00303	0.08428	21246	-0.04	0.9713	0.05	-0.1682	0.1622
year*Trt_Step	1	5		0.4923	0.4227	21246	1.16	0.2442	0.05	-0.3363	1.3208
year*Trt_Step	2	5		-0.1298	0.5366	21246	-0.24	0.8089	0.05	-1.1816	0.9221
year*Trt_Step	3	5		-0.05696	0.1240	21246	-0.46	0.6459	0.05	-0.2999	0.1860
year*Trt_Step	4	5		-0.1921	0.1506	21246	-1.28	0.2021	0.05	-0.4873	0.1031
year*Trt_Step	1	0		0	.	.	.	.	.	.	.
year*Trt_Step	2	0		0	.	.	.	.	.	.	.
year*Trt_Step	3	0		0	.	.	.	.	.	.	.
year*Trt_Step	4	0		0	.	.	.	.	.	.	.
age	1			0.01341	0.005969	21246	2.25	0.0247	0.05	0.001711	0.02511
age	2			-0.00657	0.002581	21246	-2.55	0.0109	0.05	-0.01163	-0.00151
age	3			-0.00615	0.003429	21246	-1.79	0.0730	0.05	-0.01287	0.000573
age	4			-0.00035	0.003024	21246	-0.12	0.9084	0.05	-0.00628	0.005579
gender	1		2	0.7443	0.2250	21246	3.31	0.0009	0.05	0.3033	1.1852
gender	2		2	0.1261	0.09310	21246	1.35	0.1755	0.05	-0.05636	0.3086
gender	3		2	-0.05555	0.1240	21246	-0.45	0.6543	0.05	-0.2987	0.1876
gender	4		2	0.2577	0.1118	21246	2.31	0.0212	0.05	0.03856	0.4768
gender	1		1	0	.	.	.	.	.	.	.
gender	2		1	0	.	.	.	.	.	.	.
gender	3		1	0	.	.	.	.	.	.	.
gender	4		1	0	.	.	.	.	.	.	.
CCI	1			0.4325	0.1322	21246	3.27	0.0011	0.05	0.1734	0.6915
CCI	2			0.06360	0.06534	21246	0.97	0.3304	0.05	-0.06447	0.1917
CCI	3			0.2251	0.08118	21246	2.77	0.0056	0.05	0.06602	0.3843
CCI	4			0.1864	0.07369	21246	2.53	0.0114	0.05	0.04195	0.3308

The GLIMMIX Procedure

Odds Ratio Estimates

Event	Trt_Step	gender	year	age	CCI	_Trt_Step	_gender	_year	_age	_CCI	Estimate	DF	95% Confidence Limits	
1			1.8302	31.706	0.2978			1.8302	30.706	0.2978	1.014	21246	1.002	1.025
2			1.8302	31.706	0.2978			1.8302	30.706	0.2978	0.993	21246	0.988	0.998
3			1.8302	31.706	0.2978			1.8302	30.706	0.2978	0.994	21246	0.987	1.001
4			1.8302	31.706	0.2978			1.8302	30.706	0.2978	1.000	21246	0.994	1.006
1			1.8302	30.706	1.2978			1.8302	30.706	0.2978	1.541	21246	1.189	1.997
2			1.8302	30.706	1.2978			1.8302	30.706	0.2978	1.066	21246	0.938	1.211
3			1.8302	30.706	1.2978			1.8302	30.706	0.2978	1.252	21246	1.068	1.469
4			1.8302	30.706	1.2978			1.8302	30.706	0.2978	1.205	21246	1.043	1.392
1	1		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.050	21246	0.016	0.155
2	1		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.075	21246	0.038	0.150
3	1		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.933	21246	0.754	1.155
4	1		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.704	21246	0.580	0.854
1	2		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.065	21246	0.026	0.165
2	2		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.102	21246	0.058	0.180
3	2		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.436	21246	0.317	0.600
4	2		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.372	21246	0.280	0.493
1	3		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.074	21246	0.029	0.190
2	3		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.115	21246	0.064	0.207
3	3		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.726	21246	0.547	0.964
4	3		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.521	21246	0.405	0.671
1	4		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.076	21246	0.027	0.212
2	4		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.128	21246	0.071	0.230
3	4		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.918	21246	0.691	1.219
4	4		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.708	21246	0.553	0.905
1	5		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.227	21246	0.058	0.883
2	5		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.272	21246	0.068	1.081
3	5		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	5.602	21246	3.886	8.077
4	5		1.8302	30.706	0.2978	0		1.8302	30.706	0.2978	1.919	21246	1.254	2.936
1	1		2.8302	30.706	0.2978	1		1.8302	30.706	0.2978	0.501	21246	0.211	1.189
2	1		2.8302	30.706	0.2978	1		1.8302	30.706	0.2978	0.471	21246	0.281	0.789
3	1		2.8302	30.706	0.2978	1		1.8302	30.706	0.2978	0.899	21246	0.771	1.048
4	1		2.8302	30.706	0.2978	1		1.8302	30.706	0.2978	0.816	21246	0.703	0.946
1	2		2.8302	30.706	0.2978	2		1.8302	30.706	0.2978	1.225	21246	0.667	2.249
2	2		2.8302	30.706	0.2978	2		1.8302	30.706	0.2978	0.760	21246	0.489	1.181

The GLIMMIX Procedure

Odds Ratio Estimates

Event	Trt_Step	gender	year	age	CCI	_Trt_Step	_gender	_year	_age	_CCI	Estimate	DF	95% Confidence Limits	
3	2		2.8302	30.706	0.2978	2		1.8302	30.706	0.2978	1.035	21246	0.834	1.284
4	2		2.8302	30.706	0.2978	2		1.8302	30.706	0.2978	0.766	21246	0.617	0.950
1	3		2.8302	30.706	0.2978	3		1.8302	30.706	0.2978	0.894	21246	0.478	1.671
2	3		2.8302	30.706	0.2978	3		1.8302	30.706	0.2978	0.612	21246	0.392	0.956
3	3		2.8302	30.706	0.2978	3		1.8302	30.706	0.2978	1.114	21246	0.931	1.333
4	3		2.8302	30.706	0.2978	3		1.8302	30.706	0.2978	0.936	21246	0.783	1.118
1	4		2.8302	30.706	0.2978	4		1.8302	30.706	0.2978	1.059	21246	0.515	2.176
2	4		2.8302	30.706	0.2978	4		1.8302	30.706	0.2978	0.692	21246	0.438	1.092
3	4		2.8302	30.706	0.2978	4		1.8302	30.706	0.2978	1.228	21246	1.028	1.466
4	4		2.8302	30.706	0.2978	4		1.8302	30.706	0.2978	0.992	21246	0.835	1.178
1	5		2.8302	30.706	0.2978	5		1.8302	30.706	0.2978	1.457	21246	0.635	3.344
2	5		2.8302	30.706	0.2978	5		1.8302	30.706	0.2978	0.584	21246	0.203	1.676
3	5		2.8302	30.706	0.2978	5		1.8302	30.706	0.2978	0.959	21246	0.751	1.224
4	5		2.8302	30.706	0.2978	5		1.8302	30.706	0.2978	0.821	21246	0.610	1.105
1	0		2.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.891	21246	0.757	1.048
2	0		2.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.665	21246	0.577	0.766
3	0		2.8302	30.706	0.2978	0		1.8302	30.706	0.2978	1.015	21246	0.905	1.139
4	0		2.8302	30.706	0.2978	0		1.8302	30.706	0.2978	0.995	21246	0.900	1.100
1		2	1.8302	30.706	0.2978		1	1.8302	30.706	0.2978	2.105	21246	1.354	3.271
2		2	1.8302	30.706	0.2978		1	1.8302	30.706	0.2978	1.134	21246	0.945	1.362
3		2	1.8302	30.706	0.2978		1	1.8302	30.706	0.2978	0.946	21246	0.742	1.206
4		2	1.8302	30.706	0.2978		1	1.8302	30.706	0.2978	1.294	21246	1.039	1.611

Type III Tests of Fixed Effects

Effect	Num DF	Den DF	F Value	Pr > F
year	4	21246	14.39	<.0001
year*year	4	21246	6.53	<.0001
year*year*year	4	21246	4.53	0.0012
Trt_Step	20	21246	13.49	<.0001
year*Trt_Step	20	21246	1.55	0.0554
age	4	21246	3.71	0.0051
gender	4	21246	4.47	0.0013
CCI	4	21246	6.08	<.0001