

THE DETERMINANTS AND DISPARITIES OF GOUT WITHIN THE MULTIETHNIC COHORT

MASTER OF SCIENCE

IN

PUBLIC HEALTH

THESIS

MIKA D. THOMPSON

APPENDIX

PART II

## Study 1 – PH assumption results

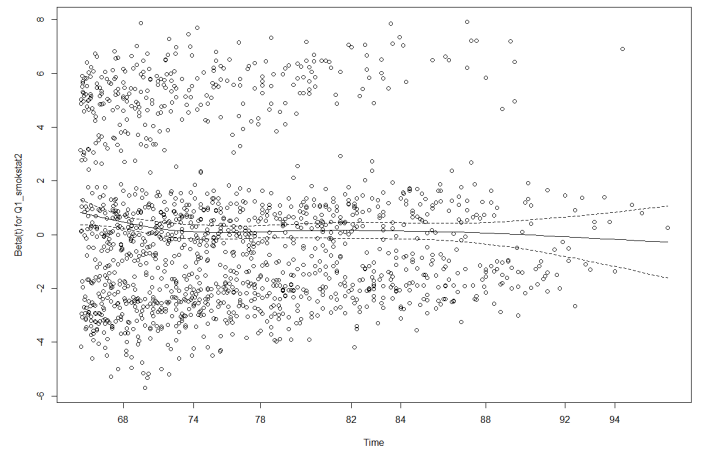
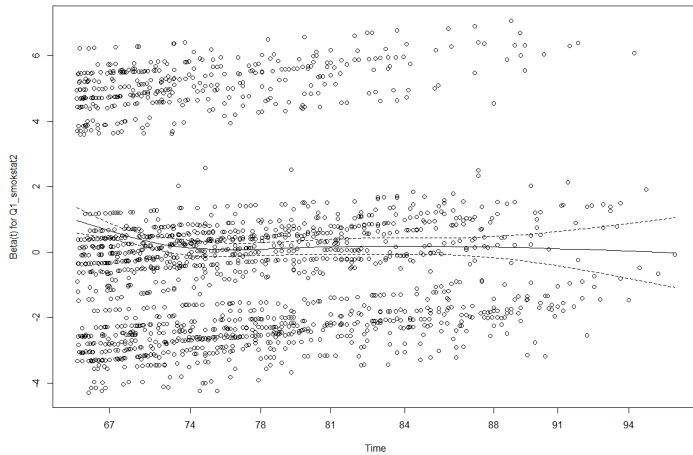
### SMOKING STATUS

Black

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+strata(Q1\_CORR\_SEX,mar4,gen)+edu1,data=gout1B),dec=2)

	rho	chisq	p
Q1_smokstat1	-0.0279	1.47	0.2249
Q1_smokstat2	-0.0564	6.00	0.0143
edu12	-0.0262	1.29	0.2557
edu13	0.0254	1.22	0.2693
GLOBAL	NA	10.73	0.0298



Model 3

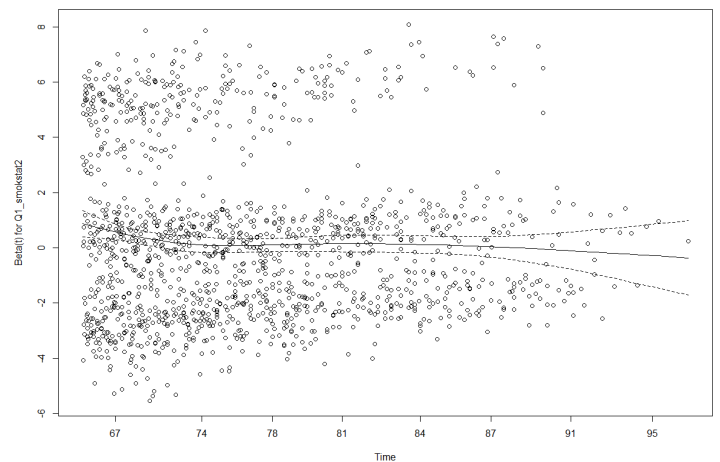
effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~relevel(Q1\_CORR\_SEX,ref="2")+edu1+gen+strata(dash\_q,mar4,ndrinks1)+stk+bmiq+hyp+hat+kny+diur+Q1\_smokstat+C\_supp1+Q1\_ac\_mets,data=gout1B),dec=2)

	rho	chisq	p
relevel 1	0.04115	2.31885	0.1278
edu12	-0.02428	0.82094	0.3649
edu13	-0.01258	0.21690	0.6414
gen2.1st gen	0.03650	1.83491	0.1755
gen3.immagrant	0.03188	1.38268	0.2396
stk1	0.05259	3.89817	0.0483
bmiq(22.4,24.6]	0.02468	0.85920	0.3540
bmiq(24.6,26.7]	0.02206	0.68418	0.4082
bmiq(26.7,29.7]	0.02295	0.74477	0.3881
bmiq(29.7,95.3]	-0.00644	0.05868	0.8086
hyp1	-0.00121	0.00205	0.9639
hat1	0.05531	4.29318	0.0383
kny1	0.00240	0.00810	0.9283
diur2.Past	-0.00493	0.03383	0.8541
diur3.Current	-0.03005	1.24981	0.2636
Q1_smokstat1	-0.03752	1.94250	0.1634
Q1_smokstat2	-0.05924	4.83095	0.0280
C_supp12.Yes	0.03347	1.56509	0.2109
Q1_ac_mets	0.02463	0.91030	0.3400
GLOBAL	NA	30.25149	0.0487

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+bmiq+hyp+stk+hat+strata(dash\_q,mar4,ndrinks1)+edu1+gen+Q1\_ac\_mets+kny+relevel(Q1\_CORR\_SEX,ref="2"),data=gout1B),dec=2)

	rho	chisq	p
Q1_smokstat1	-0.04634	3.1636	0.0753
Q1_smokstat2	-0.05293	4.1713	0.0411
bmiq(22.4,24.6]	0.04307	2.8272	0.0927
bmiq(24.6,26.7]	0.03585	1.9413	0.1635
bmiq(26.7,29.7]	0.04137	2.6066	0.1064
bmiq(29.7,95.3]	0.01343	0.2737	0.6008
hyp1	-0.03110	1.4586	0.2272
stk1	0.04257	2.7411	0.0978
hat1	0.04557	3.1287	0.0769
edu12	-0.01554	0.3595	0.5488
edu13	0.00490	0.0354	0.8508
gen2.1st gen	0.03323	1.6250	0.2024
gen3.immagrant	0.04164	2.5338	0.1114
Q1_ac_mets	0.02115	0.7035	0.4016
kny1	0.00781	0.0918	0.7618
Q1_CORR_SEX1	0.04248	2.6678	0.1024
GLOBAL	NA	27.8842	0.0326



Hawaiian

Model 1

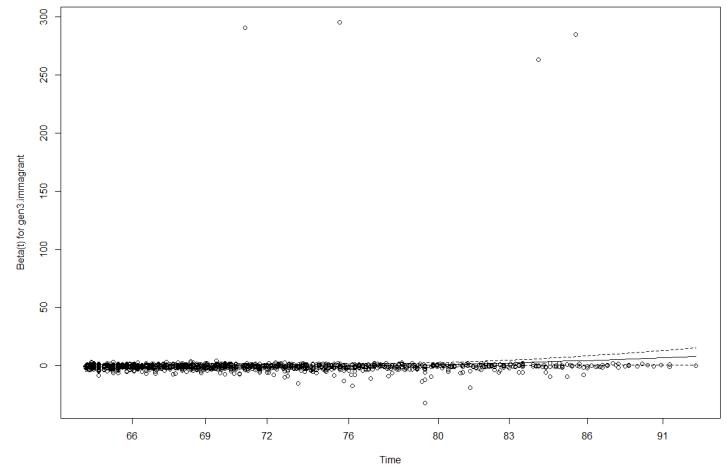
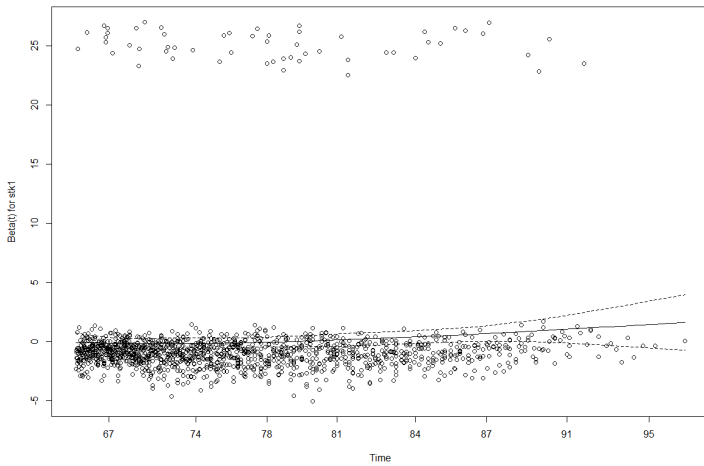
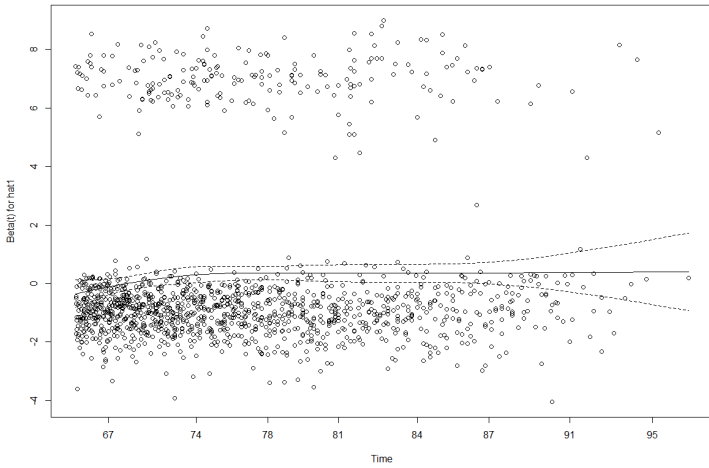
effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+strata(Q1\_CORR\_SEX,gen)+mar4+edu1,data=gout1H),dec=2)

	rho	chisq	p
Q1_smokstat1	-0.01059	0.14605	0.702
Q1_smokstat2	-0.00253	0.00842	0.927
mar42.Sep/Div	-0.00130	0.00224	0.962
mar43.widow	0.04533	2.64024	0.104
mar44.Never	-0.02731	0.97996	0.322
edu12	-0.02862	1.06769	0.301
edu13	-0.02217	0.63754	0.425
GLOBAL	NA	5.70307	0.575

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+bmi+hyp+hat+stk+strata(dash\_q,Q1\_CORR\_SEX,edu1)+ndrinks1+gen+mar4+Q1\_ac\_mets+kny,data=gout1H),dec=2)

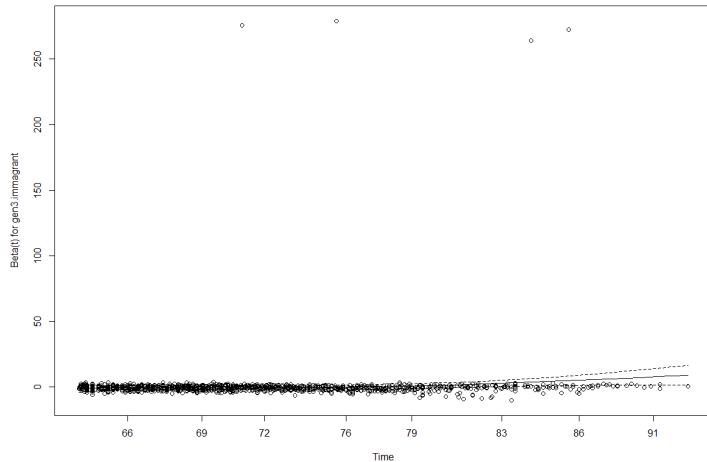
	rho	chisq	p
Q1_smokstat1	-0.00540	0.03391	0.8539
Q1_smokstat2	0.00742	0.06357	0.8009
bmi	0.00703	0.04647	0.8293
hyp1	0.00220	0.00557	0.9405
hat1	0.04330	2.17681	0.1401
stk1	-0.01688	0.33681	0.5617
ndrinks11to2	0.01047	0.12726	0.7213
ndrinks13+	0.00816	0.07922	0.7784
gen2.1st gen	-0.00589	0.04100	0.8395
gen3.immagrant	0.06271	4.34121	<b>0.0372</b>
mar42.Sep/Div	-0.00558	0.03696	0.8476
mar43.widow	0.02127	0.52916	0.4670
mar44.Never	-0.02372	0.67198	0.4124
Q1_ac_mets	-0.01718	0.33583	0.5622
kny1	0.00879	0.09180	0.7619
GLOBAL	NA	8.90122	0.8826



Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~edu1+gen+mar4+bmi+hyp+hat+stk+kny+diur+strata(dash\_q,Q1\_CORR\_SEX)+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1H),dec=2)

	rho	chisq	p
ed12	-0.035309	1.37e+00	0.241
edu3	-0.044583	2.24e+00	0.135
ge2.1st gen	-0.008026	7.19e-02	0.789
gen3.immigrant	0.066581	4.77e+00	0.029
mar42.Sep/Div	-0.004265	2.04e-02	0.886
mar43.widow	0.024263	6.45e-01	0.422
mar44.Never	-0.023118	6.03e-01	0.437
bmi	0.006211	3.45e-02	0.853
hyp1	0.002024	4.59e-03	0.946
hat1	0.043804	2.13e+00	0.145
stk1	0.000582	3.85e-04	0.984
kny1	0.020160	4.54e-01	0.500
diur2.Past	-0.014757	2.45e-01	0.620
diur3.Current	0.006768	4.99e-02	0.823
Q1_smokstat1	0.009609	1.02e-01	0.750
Q1_smokstat2	0.020173	4.45e-01	0.505
C_suppl2.Yes	0.016456	2.91e-01	0.590
Q1_ac_mets	-0.010996	1.34e-01	0.714
ndrinks11to2	0.001704	3.22e-03	0.955
ndrinks13+	0.005186	3.03e-02	0.862
GLOBAL	NA	1.36e+01	0.849



Japanese

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+strata(gen,Q1\_CORR\_SEX,edu1,mar4),data=gout1J),dec=2)

	rho	chisq	p
Q1_smokstat1	-0.0102	0.394	0.530
Q1_smokstat2	-0.0255	2.472	0.116
GLOBAL	NA	2.473	0.290

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+bmi+hyp+stk+strata(Q1\_CORR\_SEX,gen,edu1,dash\_q,mar4,hat)+ndrinks1+Q1\_ac\_mets+kny,data=gout1J),dec=2)

	rho	chisq	p
Q1_smokstat1	-0.00110	0.00414	0.9487
Q1_smokstat2	-0.01025	0.36750	0.5444
bmi	-0.03382	3.42622	0.0642
hyp1	-0.00514	0.09078	0.7632
stk1	0.02532	2.14644	0.1429
ndrinks11to2	-0.01959	1.31011	0.2524
ndrinks13+	-0.02917	2.89570	0.0888
Q1_ac_mets	0.02278	1.82331	0.1769
kny1	-0.00710	0.17216	0.6782
GLOBAL	NA	11.99672	0.2135

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,gen,edu1,dash\_q,mar4,hat)+bmi+hyp+stk+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1J),dec=2)

	rho	chisq	p
bmi	-0.024047	1.72810	0.189
hyp1	-0.012755	0.55614	0.456
stk1	0.026594	2.30350	0.129
kny1	-0.008135	0.21807	0.641
diur2.Past	0.000736	0.00179	0.966
diur3.Current	0.004430	0.06645	0.797
Q1_smokstat1	-0.001949	0.01264	0.910
Q1_smokstat2	-0.011360	0.43681	0.509
C_suppl2.Yes	0.012415	0.50950	0.475
Q1_ac_mets	0.021438	1.57951	0.209
ndrinks11to2	-0.022172	1.62262	0.203
ndrinks13+	-0.023925	1.88123	0.170
GLOBAL	NA	10.82742	0.544

Latino

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+gen+Q1\_CORR\_SEX+edu1+mar4,data=gout1L),dec=2)

	rho	chisq	p
Q1_smokstat1	-0.00814	0.109	0.7417
Q1_smokstat2	-0.03386	1.883	0.1700
gen2.1st gen	0.01916	0.591	0.4422
gen3.immigrant	-0.02323	0.865	0.3525
Q1_CORR_SEX2	0.02403	0.968	0.3251
edu12	0.03777	2.285	0.1307
edu13	-0.00913	0.133	0.7156
mar42.Sep/Div	-0.04201	2.883	0.0895
mar43.widow	0.01247	0.254	0.6145
mar44.Never	-0.00911	0.133	0.7150
GLOBAL	NA	16.650	0.0825

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+bmi+hyp+hat+stk+dash\_q+strata(edu1)+ndrinks1+gen+mar4+Q1\_ac\_mets+kny+Q1\_CORR\_SEX,data=gout1L),dec=2)

	rho	chisq	p
Q1_smokstat1	0.00277	0.01029	0.9192
Q1_smokstat2	-0.00766	0.07913	0.7785
bmi	-0.04307	2.30157	0.1292
hyp1	0.02257	0.70685	0.4005
hat1	0.02636	0.92769	0.3355
stk1	-0.04522	2.75340	0.0970
dash_q(20,23]	0.00298	0.01180	0.9135
dash_q(23,25]	0.00112	0.00167	0.9674
dash_q(25,28]	0.03906	2.03660	0.1536
dash_q(28,40]	0.04609	2.81020	0.0937
ndrinks11to2	-0.01450	0.28716	0.5920
ndrinks13+	-0.00517	0.03492	0.8518
gen2.1st gen	0.03617	1.72295	0.1893
gen3.immigrant	-0.00281	0.01030	0.9191
mar42.Sep/Div	-0.04342	2.54299	0.1108
mar43.widow	0.01602	0.34697	0.5558
mar44.Never	-0.00241	0.00771	0.9301
Q1_ac_mets	-0.02506	0.84396	0.3583
kny1	-0.02434	0.79193	0.3735
Q1_CORR_SEX2	0.04815	3.21186	0.0731
GLOBAL	NA	27.86309	0.1127

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ strata(edu1,Q1\_CORR\_SEX)+gen+mar4+bmiq+hyp+hat+stk+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+Q1\_DP\_DASH\_TOTSCORE,data=gout1L),dec=2)

	rho	chisq	p
gen2.1st gen	0.025003	7.66e-01	0.3816
gen3.immigrant	-0.000325	1.28e-04	0.9910
mar42.Sep/Div	-0.036154	1.63e+00	0.2013
mar43.widow	0.009593	1.14e-01	0.7353
mar44.Never	-0.003411	1.43e-02	0.9049
bmiq(22.4,24.6]	-0.007201	6.38e-02	0.8006
bmiq(24.6,26.7]	-0.009377	1.08e-01	0.7429
bmiq(26.7,29.7]	-0.010610	1.37e-01	0.7114
bmiq(29.7,95.3]	-0.050393	3.15e+00	0.0759
hyp1	0.031314	1.28e+00	0.2576
hat1	0.037267	1.72e+00	0.1901
stk1	-0.046338	2.67e+00	0.1025
kny1	-0.024774	7.54e-01	0.3851
diur2.Past	-0.002948	1.09e-02	0.9170
diur3.Current	-0.011570	1.72e-01	0.6786
Q1_smokstat1	-0.005877	4.30e-02	0.8358
Q1_smokstat2	-0.017608	3.87e-01	0.5339
C_suppl2.Yes	-0.033613	1.39e+00	0.2391
Q1_ac_mets	-0.037212	1.72e+00	0.1891
ndrinks11to2	-0.011143	1.56e-01	0.6933
ndrinks13+	-0.015822	3.04e-01	0.5817
Q1_DP_DASH_TOTSCORE	0.049095	3.02e+00	0.0822
GLOBAL	NA	2.39e+01	0.3502

White

Model 1  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+strata(Q1\_CORR\_SEX,mar4,gen)+edu1,data=gout1W),dec=2)

	rho	chisq	p
Q1_smokstat1	0.03045	2.44706	0.118
Q1_smokstat2	-0.00847	0.18892	0.664
edu12	-0.00135	0.00475	0.945
edu13	0.00840	0.18576	0.666
GLOBAL	NA	4.02225	0.403

Model 2  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_smokstat+strata(bmiq,dash\_q,mar4,Q1\_CORR\_SEX,gen)+hyp+hat+stk+edu1+ndrinks1+Q1\_ac\_mets+kny,data=gout1W),dec=2)

	rho	chisq	p
Q1_smokstat1	0.03208	2.51403	0.113
Q1_smokstat2	0.00533	0.06857	0.793
hyp1	-0.00573	0.07716	0.781
hat1	0.03200	2.44064	0.118
stk1	0.00269	0.01777	0.894
edu12	-0.00221	0.01167	0.914
edu13	-0.01438	0.50508	0.477
ndrinks11to2	0.00167	0.00663	0.935
ndrinks13+	-0.02421	1.36139	0.243
Q1_ac_mets	-0.01536	0.60792	0.436
kny1	0.02517	1.50104	0.221
GLOBAL	NA	10.26149	0.507

Model 3  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~edu1+strata(bmiq,dash\_q,mar4,Q1\_CORR\_SEX,gen)+hyp+hat+stk+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1W),dec=2)

	rho	chisq	p
edu12	-0.001775	7.24e-03	0.9322
edu13	-0.012385	3.58e-01	0.5499
hyp1	0.000158	5.81e-05	0.9939
hat1	0.028622	1.87e+00	0.1717
stk1	-0.007979	1.50e-01	0.6984
kny1	0.016468	6.19e-01	0.4316
diur2.Past	0.007787	1.38e-01	0.7103
diur3.Current	0.000233	1.24e-04	0.9911
Q1_smokstat1	0.030896	2.25e+00	0.1339
Q1_smokstat2	0.007377	1.26e-01	0.7224
C_suppl2.Yes	0.037253	3.17e+00	0.0749
Q1_ac_mets	-0.025037	1.55e+00	0.2132
ndrinks11to2	0.000119	3.27e-05	0.9954
ndrinks13+	-0.021501	1.03e+00	0.3106
GLOBAL	NA	1.21e+01	0.5989

VITAMIN C SUPPLEMENTATION

Black  
 Model 1  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+Q1\_CORR\_SEX+edu1+gen+strata(mar4),data=gout1B),dec=2)

	rho	chisq	p
C_suppl2.Yes	0.0230	0.942	0.3319
Q1_CORR_SEX2	-0.0338	1.955	0.1620
edu12	-0.0235	0.971	0.3245
edu13	0.0218	0.826	0.3633
gen2.1st gen	0.0450	3.544	0.0598
gen3.immagrant	0.0456	3.668	0.0555
GLOBAL	NA	13.165	<b>0.0405</b>

Model 2  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+bmiq+strata(dash\_q)+edu1+ndrinks1+gen+Q1\_ac\_mets+Q1\_smokstat+relevel(Q1\_CORR\_SEX,ref="2"),data=gout1B),dec=4)

	rho	chisq	p
C_suppl2.Yes	0.03108	1.3836	0.2395
bmiq(22.4,24.6]	0.02827	1.1454	0.2845
bmiq(24.6,26.7]	0.02350	0.7914	0.3737
bmiq(26.7,29.7]	0.02771	1.0986	0.2946
bmiq(29.7,95.3]	-0.00452	0.0293	0.8640
edu12	-0.02560	0.9337	0.3339
edu13	-0.01282	0.2333	0.6291
ndrinks11to2	-0.04817	3.3160	0.0686
ndrinks13+	-0.00723	0.0770	0.7814
gen2.1st gen	0.03698	1.9510	0.1625
gen3.immagrant	0.03563	1.8135	0.1781
Q1_ac_mets	0.01989	0.6102	0.4347
Q1_smokstat1	-0.03140	1.4033	0.2362
Q1_smokstat2	-0.05107	3.7561	0.0526
Q1_CORR_SEX1	0.01638	0.3927	0.5309
GLOBAL	NA	22.0070	0.1076

Model 3  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~edu1+gen+strata(mar4,dash\_q,Q1\_smokstat,hat,ndrinks1,Q1\_CORR\_SEX)+bmiq+hyp+stk+dia+kny+diur+C\_suppl+Q1\_ac\_mets,data=gout1B),dec=2)

	rho	chisq	p
edu12	-0.012451	2.17e-01	0.6416
edu13	0.000311	1.33e-04	0.9908
gen2.1st gen	0.036041	1.78e+00	0.1826
gen3.immagrant	0.028518	1.09e+00	0.2968
bmiq(22.4,24.6]	0.023890	8.05e-01	0.3695
bmiq(24.6,26.7]	0.003311	1.58e-02	0.8999
bmiq(26.7,29.7]	0.007436	7.88e-02	0.7790
bmiq(29.7,95.3]	-0.020092	5.77e-01	0.4473
hyp1	0.014776	3.06e-01	0.5801
stk1	0.051873	3.79e+00	0.0515
dia1	0.016417	3.80e-01	0.5375
kny1	-0.015065	3.27e-01	0.5672
diur2.Past	-0.001687	4.03e-03	0.9494
diur3.Current	-0.039364	2.16e+00	0.1420
C_suppl2.Yes	0.026853	9.98e-01	0.3178
Q1_ac_mets	0.008674	1.13e-01	0.7368
GLOBAL	NA	1.83e+01	0.3084

Hawaiian

Model 1  
effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+strata(Q1\_CORR\_SEX,gen)+edu1+mar4,data=gout1H),dec=2)

	rho	chisq	p
C_suppl2.Yes	0.0380	1.8014	0.180
edu12	-0.0245	0.7559	0.385
edu13	-0.0246	0.7559	0.385
mar42.Sep/Div	-0.0067	0.0567	0.812
mar43.widow	0.0449	2.4607	0.117
mar44.Never	-0.0202	0.5108	0.475
GLOBAL	NA	6.3637	0.384

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+bmi+edu1+ndrinks1+Q1\_ac\_mets+Q1\_smokstat+strata(Q1\_CORR\_SEX,dash\_q,gen),data=gout1H),dec=4)

	rho	chisq	p
C_suppl2.Yes	0.014009	0.218582	0.6401
bmi	-0.002172	0.004159	0.9486
edu12	-0.041128	1.914577	0.1665
edu13	-0.052376	3.121095	0.0773
ndrinks11to2	0.000525	0.000313	0.9859
ndrinks13+	-0.009337	0.099509	0.7524
Q1_ac_mets	-0.016444	0.304929	0.5808
Q1_smokstat1	0.014960	0.252231	0.6155
Q1_smokstat2	0.017438	0.344091	0.5575
GLOBAL	NA	4.916178	0.8416

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,dash\_q,gen)+edu1+mar4+bmi+hyp+hat+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1H),dec=2)

	rho	chisq	p
edu12	-0.028822	9.16e-01	0.338
edu13	-0.039100	1.71e+00	0.191
mar42.Sep/Div	-0.001140	1.45e-03	0.970
mar43.widow	0.024126	6.36e-01	0.425
mar44.Never	-0.022858	5.90e-01	0.443
bmi	0.000514	2.34e-04	0.988
hyp1	-0.002453	6.69e-03	0.935
hat1	0.040380	1.79e+00	0.180
stk1	0.001977	4.51e-03	0.946
dia1	0.036054	1.44e+00	0.230
kny1	0.016532	3.05e-01	0.581
diur2.Past	-0.016753	3.15e-01	0.575
diur3.Current	0.005020	2.78e-02	0.868
Q1_smokstat1	0.009185	9.30e-02	0.760
Q1_smokstat2	0.024328	6.49e-01	0.420
C_suppl2.Yes	0.023944	6.16e-01	0.433
Q1_ac_mets	-0.014048	2.20e-01	0.639
ndrinks11to2	0.007328	5.97e-02	0.807
ndrinks13+	0.004454	2.24e-02	0.881
GLOBAL	NA	1.03e+01	0.946

Japanese

Model 1  
effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+strata(Q1\_CORR\_SEX,gen,edu1,mar4),data=gout1J),dec=2)

	rho	chisq	p
C_suppl2.Yes	0.0173	1.09	0.296

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+ndrinks1+Q1\_ac\_mets+Q1\_smokstat+strata(bmiq,dash\_q,Q1\_CORR\_SEX,gen,edu1),data=gout1J),dec=4)

	rho	chisq	p
C_suppl2.Yes	0.0166	0.940	0.3322
ndrinks11to2	-0.0252	2.144	0.1431
ndrinks13+	-0.0311	3.212	0.0731
Q1_ac_mets	0.0330	3.730	0.0534
Q1_smokstat1	0.0101	0.343	0.5582
Q1_smokstat2	-0.0132	0.607	0.4358
GLOBAL	NA	10.738	0.0968

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,gen,edu1,dash\_q,mar4,hat)+bmi+hyp+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1J),dec=2)

	rho	chisq	p
bmi	-0.027673	2.28e+00	0.1308
hyp1	-0.014716	7.44e-01	0.3884
stk1	0.025247	2.07e+00	0.1498
dia1	0.031671	3.28e+00	0.0702
kny1	-0.008452	2.35e-01	0.6276
diur2.Past	0.000395	5.15e-04	0.9819
diur3.Current	0.004068	5.60e-02	0.8129
Q1_smokstat1	-0.003250	3.51e-02	0.8515
Q1_smokstat2	-0.011576	4.53e-01	0.5007
C_suppl2.Yes	0.012549	5.20e-01	0.4706
Q1_ac_mets	0.021917	1.65e+00	0.1989
ndrinks11to2	-0.021015	1.46e+00	0.2273
ndrinks13+	-0.022913	1.72e+00	0.1891
GLOBAL	NA	1.41e+01	0.3670

Latino

Model 1  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+strata(Q1\_CORR\_SEX)+gen+edu1+mar4,data=gout1L),dec=2)

	rho	chisq	p
C_suppl2.Yes	-0.01595	0.38850	0.5331
gen2.1st gen	0.01587	0.38606	0.5344
gen3.immagrant	-0.01749	0.46592	0.4949
edu12	0.04896	3.60691	0.0575
edu13	-0.00451	0.03050	0.8614
mar42.Sep/Div	-0.03880	2.32111	0.1276
mar43.widow	0.00909	0.12674	0.7218
mar44.Never	0.00137	0.00289	0.9572
GLOBAL	NA	11.42256	0.1789

Model 2  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+bmi+dash\_q+ndrinks1+gen+Q1\_ac\_mets+Q1\_smokstat+strata(Q1\_CORR\_SEX,edu1),data=gout1L),dec=4)

	rho	chisq	p
C_uppl2.Yes	-0.036659	1.72e+00	0.190
bm	-0.043563	2.28e+00	0.131
dash_q(20,23]	0.001004	1.30e-03	0.971
dash_q(23,25]	0.005853	4.41e-02	0.834
dash_q(25,28]	0.043798	2.47e+00	0.116
dash_q(28,40]	0.045093	2.60e+00	0.107
ndrinks11to2	-0.017285	3.93e-01	0.531
ndrinks13+	-0.009864	1.24e-01	0.725
gen2.1st gen	0.029836	1.14e+00	0.286
gen3.immagrant	0.006345	5.09e-02	0.822
Q1_ac_mets	-0.021240	5.85e-01	0.444
Q1_smokstat1	0.000163	3.51e-05	0.995
Q1_smokstat2	-0.008147	8.70e-02	0.768
GLOBAL	NA	1.23e+01	0.500

Model 3

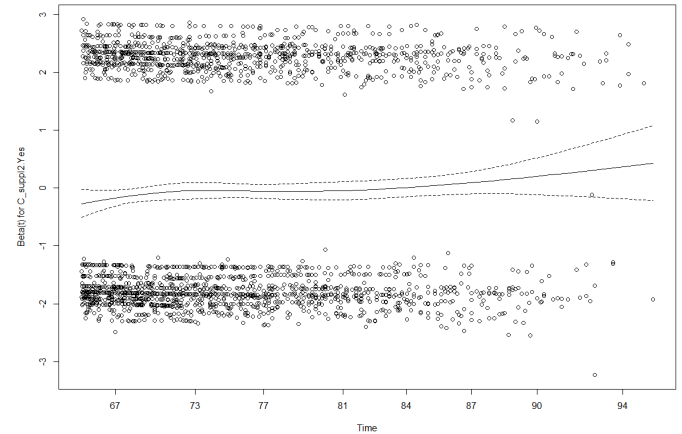
	rho	chisq	p
gen2.1st gen	0.02489	0.75882	0.3837
gen3.immagrant	-0.00141	0.00239	0.9610
mar42.Sep/Div	-0.03566	1.58933	0.2074
mar43.widow	0.01034	0.13279	0.7156
mar44.Never	-0.00312	0.01194	0.9130
bmiq(22.4,24.6]	-0.00713	0.06260	0.8024
bmiq(24.6,26.7]	-0.00912	0.10163	0.7499
bmiq(26.7,29.7]	-0.00993	0.11974	0.7293
bmiq(29.7,95.3]	-0.04913	2.98312	0.0841
hyp1	0.03356	1.46839	0.2256
hat1	0.03905	1.87782	0.1706
stk1	-0.04451	2.46996	0.1160
dia1	-0.02565	0.81371	0.3670
kny1	-0.02446	0.73580	0.3910
diur2.Past	-0.00229	0.00654	0.9356
diur3.Current	-0.01060	0.14427	0.7041
Q1_smokstat1	-0.00485	0.02914	0.8645
Q1_smokstat2	-0.01714	0.36639	0.5450
C_suppl2.Yes	-0.03443	1.45364	0.2279
Q1_ac_mets	-0.03843	1.83396	0.1757
ndrinks11to2	-0.01337	0.22163	0.6378
ndrinks13+	-0.01740	0.36599	0.5452
Q1_DP_DASH_TOTSCORE	0.05164	3.36435	0.0666
GLOBAL	NA	25.02607	0.3489

White

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+strata(Q1\_CORR\_SEX,mar4,gen)+edu1,data=gout1W),dec=2)

	rho	chisq	p
C_suppl2.Yes	0.04332	4.7155	0.0299
edu12	0.00491	0.0608	0.8052
edu13	0.01835	0.8531	0.3557
GLOBAL	NA	6.0706	0.1082



Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~C\_suppl+strata(bmiq,dash\_q,Q1\_CORR\_SEX,gen)+edu1+ndrinks1+Q1\_ac\_mets+Q1\_smokstat,data=gout1W),dec=4)

	rho	chisq	p
C_suppl2.Yes	0.03027	2.14209	0.143
edu12	-0.00765	0.13836	0.710
edu13	-0.02226	1.16906	0.280
ndrinks11to2	-0.00141	0.00459	0.946
ndrinks13+	-0.03376	2.63656	0.104
Q1_ac_mets	-0.02135	1.16244	0.281
Q1_smokstat1	0.03004	2.14424	0.143
Q1_smokstat2	0.01219	0.35527	0.551
GLOBAL	NA	9.23366	0.323

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~edu1+strata(bmiq,dash\_q,mar4,Q1\_CORR\_SEX,gen)+hyp+hat+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1W),dec=2)

	rho	chisq	p
edu12	-0.001498	5.15e-03	0.9428
edu13	-0.011978	3.34e-01	0.5635
hyp1	-0.000225	1.19e-04	0.9913
hat1	0.027871	1.76e+00	0.1843
stk1	-0.008367	1.66e-01	0.6841
dia1	0.010452	2.47e-01	0.6195
kny1	0.016174	5.97e-01	0.4398
diur2.Past	0.007524	1.29e-01	0.7197
diur3.Current	-0.000110	2.76e-05	0.9958
Q1_smokstat1	0.030729	2.22e+00	0.1360
Q1_smokstat2	0.007595	1.34e-01	0.7144
C_suppl2.Yes	0.037628	3.23e+00	0.0721
Q1_ac_mets	-0.024845	1.53e+00	0.2165
ndrinks11to2	0.000881	1.79e-03	0.9663
ndrinks13+	-0.020888	9.70e-01	0.3246
GLOBAL	NA	1.23e+01	0.6530



**MET Score***Black*

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+strata(Q1\_CORR\_SEX+edu1+gen+strata(mar4),data=gout1B),dec=2)

	rho	chisq	p
Q1_ac_mets	0.03284	1.8570	0.1730
Q1_CORR_SEX2	-0.02176	0.7157	0.3976
edu12	-0.00346	0.0189	0.8908
edu13	0.03184	1.5853	0.2080
gen2.1st gen	0.03402	1.8260	0.1766
gen3.immagrant	0.04779	3.6123	0.0574
GLOBAL	NA	10.2936	0.1128

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+bmiq+hyp+stk+edu1+gen+strata(mar4,dash\_q,hat,ndrinks1,Q1\_smokstat,Q1\_CORR\_SEX)+kny,data=gout1B),dec=2)

	rho	chisq	p
Q1_ac_mets	0.01186	0.2203	0.639
bmiq(22.4,24.6]	0.03507	1.8545	0.173
bmiq(24.6,26.7]	0.01293	0.2563	0.613
bmiq(26.7,29.7]	0.02359	0.8480	0.357
bmiq(29.7,95.3]	-0.00269	0.0110	0.916
hyp1	-0.01670	0.4186	0.518
stk1	0.04173	2.6538	0.103
edu12	-0.00538	0.0433	0.835
edu13	0.01325	0.2587	0.611
gen2.1st gen	0.03801	2.1224	0.145
gen3.immagrant	0.03894	2.1967	0.138
kny1	-0.00655	0.0653	0.798
GLOBAL	NA	14.5336	0.268

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~edu1+gen+bmiq+hyp+stk+dia+kny+diur+strata(dash\_q,mar4,Q1\_smokstat,Q1\_CORR\_SEX,ndrinks1,hat)+C\_suppl+Q1\_ac\_mets,data=gout1B),dec=2)

	rho	chisq	p
edu12	-0.012451	2.17e-01	0.6416
edu13	0.000311	1.33e-04	0.9908
gen2.1st gen	0.036041	1.78e+00	0.1826
gen3.immagrant	0.028518	1.09e+00	0.2968
bmiq(22.4,24.6]	0.023890	8.05e-01	0.3695
bmiq(24.6,26.7]	0.003311	1.58e-02	0.8999
bmiq(26.7,29.7]	0.007436	7.88e-02	0.7790
bmiq(29.7,95.3]	-0.020092	5.77e-01	0.4473
hyp1	0.014776	3.06e-01	0.5801
stk1	0.051873	3.79e+00	0.0515
dia1	0.016417	3.80e-01	0.5375
kny1	-0.015065	3.27e-01	0.5672
diur2.Past	-0.001687	4.03e-03	0.9494
diur3.Current	-0.039364	2.16e+00	0.1420
C_suppl2.Yes	0.026853	9.98e-01	0.3178
Q1_ac_mets	0.008674	1.13e-01	0.7368
GLOBAL	NA	1.83e+01	0.3084

*Hawaiian*

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+strata(Q1\_CORR\_SEX,gen)+edu1+mar4,data=gout1H),dec=2)

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+bmi+hyp+hat+stk+edu1+ndrinks1+mar4+kny+Q1\_smokstat+strata(Q1\_CORR\_SEX,dash\_q,gen),data=gout1H),dec=2)

	rho	chisq	p
Q1_ac_mets	-0.017862	0.368248	0.544
bmi	-0.000531	0.000263	0.987
hyp1	-0.000668	0.000515	0.982
hat1	0.039238	1.802853	0.179
stk1	-0.013709	0.224372	0.636
edu12	-0.037288	1.616171	0.204
edu13	-0.055764	3.652932	0.056
ndrinks11to2	0.009354	0.101664	0.750
ndrinks13+	-0.003949	0.018452	0.892
mar42.Sep/Div	-0.001875	0.004143	0.949
mar43.widow	0.028000	0.905388	0.341
mar44.Never	-0.027832	0.920730	0.337
kny1	0.007681	0.068749	0.793
Q1_smokstat1	-0.003596	0.015097	0.902
Q1_smokstat2	0.007450	0.063796	0.801
GLOBAL	NA	9.653598	0.841

Model 3

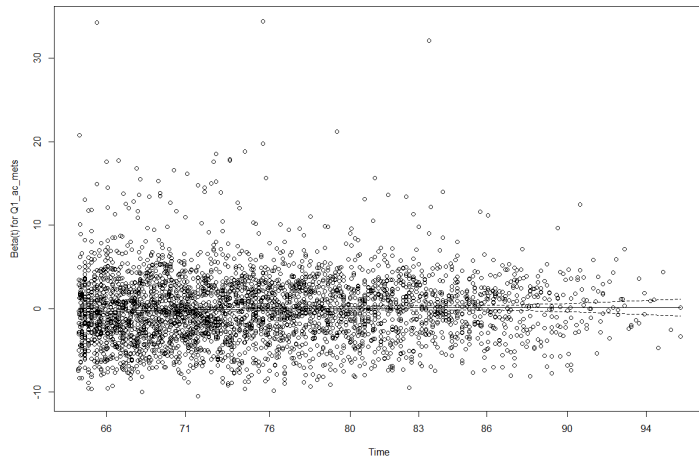
effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,dash\_q,gen)+edu1+mar4+bmi+hyp+hat+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1H),dec=2)

	rho	chisq	p
edu12	-0.028822	9.16e-01	0.338
edu13	-0.039100	1.71e+00	0.191
mar42.Sep/Div	-0.001140	1.45e-03	0.970
mar43.widow	0.024126	6.36e-01	0.425
mar44.Never	-0.022858	5.90e-01	0.443
bmi	0.000514	2.34e-04	0.988
hyp1	-0.002453	6.69e-03	0.935
hat1	0.040380	1.79e+00	0.180
stk1	0.001977	4.51e-03	0.946
dia1	0.036054	1.44e+00	0.230
kny1	0.016532	3.05e-01	0.581
diur2.Past	-0.016753	3.15e-01	0.575
diur3.Current	0.005020	2.78e-02	0.868
Q1_smokstat1	0.009185	9.30e-02	0.760
Q1_smokstat2	0.024328	6.49e-01	0.420
C_suppl2.Yes	0.023944	6.16e-01	0.433
Q1_ac_mets	-0.014048	2.20e-01	0.639
ndrinks11to2	0.007328	5.97e-02	0.807
ndrinks13+	0.004454	2.24e-02	0.881
GLOBAL	NA	1.03e+01	0.946

Japanese

Model 1  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+strata(Q1\_CORR\_SEX,gen,edu1,mar4),data=gout1J),dec=2)

	rho	chisq	p
Q1_ac_mets	0.0357	4.89	0.027



Model 2  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+hyp+h at+stk+ndrinks1+kny+Q1\_smokstat+strata(Q1\_CORR\_SEX,gen,edu1,dash\_q,bmiq,mar4),data=gout1J),dec=2)

	rho	chisq	p
Q1_ac_mets	0.03067	3.319	0.0685
hyp1	-0.00861	0.257	0.6123
hat1	0.02949	2.923	0.0873
stk1	0.02460	2.069	0.1503
ndrinks11to2	-0.01532	0.809	0.3686
ndrinks13+	-0.02580	2.308	0.1287
kny1	-0.00779	0.205	0.6510
Q1_smokstat1	0.00795	0.216	0.6424
Q1_smokstat2	-0.01323	0.620	0.4311
GLOBAL	NA	13.210	0.1533

M3  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,gen,edu1,dash\_q,hat,mar4)+bmi+hyp+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1J),dec=2)

	rho	chisq	p
bmi	-0.027673	2.28e+00	0.1308
hyp1	-0.014716	7.44e-01	0.3884
stk1	0.025247	2.07e+00	0.1498
dia1	0.031671	3.28e+00	0.0702
kny1	-0.008452	2.35e-01	0.6276
diur2.Past	0.000395	5.15e-04	0.9819
diur3.Current	0.004068	5.60e-02	0.8129
Q1_smokstat1	-0.003250	3.51e-02	0.8515
Q1_smokstat2	-0.011576	4.53e-01	0.5007
C_suppl2.Yes	0.012549	5.20e-01	0.4706
Q1_ac_mets	0.021917	1.65e+00	0.1989
ndrinks11to2	-0.021015	1.46e+00	0.2273
ndrinks13+	-0.022913	1.72e+00	0.1891
GLOBAL	NA	1.41e+01	0.3670

Latino

Model 1  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+strata(Q1\_CORR\_SEX,edu1)+gen+mar4,data=gout1L),dec=2)

	rho	chisq	p
Q1_ac_mets	-0.01100	0.17661	0.6743
gen2.1st gen	0.03250	1.47820	0.2241
gen3.immagrant	0.00261	0.00947	0.9225
mar42.Sep/Div	-0.04937	3.47601	0.0623
mar43.widow	0.00197	0.00550	0.9409
mar44.Never	0.00265	0.00988	0.9208
GLOBAL	NA	7.06241	0.3151

Model 2  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+bmi+hyp+hat+stk+dash\_q+strata(edu1)+ndrinks1+gen+mar4+kny+Q1\_smokstat+Q1\_CORR\_SEX,data=gout1L),dec=2)

	rho	chisq	p
Q1_ac_mets	-0.02506	0.84396	0.3583
bmi	-0.04307	2.30157	0.1292
hyp1	0.02257	0.70685	0.4005
hat1	0.02636	0.92769	0.3355
stk1	-0.04522	2.75340	0.0970
dash_q(20,23]	0.00298	0.01180	0.9135
dash_q(23,25]	0.00112	0.00167	0.9674
dash_q(25,28]	0.03906	2.03660	0.1536
dash_q(28,40]	0.04609	2.81020	0.0937
ndrinks11to2	-0.01450	0.28716	0.5920
ndrinks13+	-0.00517	0.03492	0.8518
gen2.1st gen	0.03617	1.72295	0.1893
gen3.immagrant	-0.00281	0.01030	0.9191
mar42.Sep/Div	-0.04342	2.54299	0.1108
mar43.widow	0.01602	0.34697	0.5558
mar44.Never	-0.00241	0.00771	0.9301
kny1	-0.02434	0.79193	0.3735
Q1_smokstat1	0.00277	0.01029	0.9192
Q1_smokstat2	-0.00766	0.07913	0.7785
Q1_CORR_SEX2	0.04815	3.21186	0.0731
GLOBAL	NA	27.86309	0.1127

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(educ1,Q1\_CO  
RR\_SEX)+gen+mar4+bmiq+hyp+hat+stk+dia+kny+diur+Q1\_smoks  
tat+C\_suppl+Q1\_ac\_mets+ndrinks1+Q1\_DP\_DASH\_TOTSCORE,d  
ata=gout1L),dec=2)

	rho	chisq	p
gen2.1st gen	0.02489	0.75882	0.3837
gen3.immagrant	-0.00141	0.00239	0.9610
mar42.Sep/Div	-0.03566	1.58933	0.2074
mar43.widow	0.01034	0.13279	0.7156
mar44.Never	-0.00312	0.01194	0.9130
bmiq(22.4,24.6]	-0.00713	0.06260	0.8024
bmiq(24.6,26.7]	-0.00912	0.10163	0.7499
bmiq(26.7,29.7]	-0.00993	0.11974	0.7293
bmiq(29.7,95.3]	-0.04913	2.98312	0.0841
hyp1	0.03356	1.46839	0.2256
hat1	0.03905	1.87782	0.1706
stk1	-0.04451	2.46996	0.1160
dia1	-0.02565	0.81371	0.3670
kny1	-0.02446	0.73580	0.3910
diur2.Past	-0.00229	0.00654	0.9356
diur3.Current	-0.01060	0.14427	0.7041
Q1_smokstat1	-0.00485	0.02914	0.8645
Q1_smokstat2	-0.01714	0.36639	0.5450
C_suppl2.Yes	-0.03443	1.45364	0.2279
Q1_ac_mets	-0.03843	1.83396	0.1757
ndrinks11to2	-0.01337	0.22163	0.6378
ndrinks13+	-0.01740	0.36599	0.5452
Q1_DP_DASH_TOTSCORE	0.05164	3.36435	0.0666
GLOBAL	NA	25.02607	0.3489

White

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+  
strata(Q1\_CORR\_SEX,gen,mar4)+educ1,data=gout1W),dec=2)

	rho	chisq	p
Q1_ac_mets	-0.01291	0.4532	0.501
educ12	0.00518	0.0663	0.797
educ13	0.01604	0.6345	0.426
GLOBAL	NA	1.2217	0.748

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_ac\_mets+strata(  
bmiq,dash\_q,mar4,Q1\_CORR\_SEX,gen)+hyp+hat+stk+  
+ndrinks1+kny+Q1\_smokstat,data=gout1W),dec=2)

	rho	chisq	p
Q1_ac_mets	-0.01536	0.60792	0.436
hyp1	-0.00573	0.07716	0.781
hat1	0.03200	2.44064	0.118
stk1	0.00269	0.01777	0.894
educ12	-0.00221	0.01167	0.914
educ13	-0.01438	0.50508	0.477
ndrinks11to2	0.00167	0.00663	0.935
ndrinks13+	-0.02421	1.36139	0.243
kny1	0.02517	1.50104	0.221
Q1_smokstat1	0.03208	2.51403	0.113
Q1_smokstat2	0.00533	0.06857	0.793
GLOBAL	NA	10.26149	0.507

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~educ1+strata(bmiq,m  
ar4,dash\_q,Q1\_CORR\_SEX,gen)+hyp+hat+stk+dia+kny+diur+Q1\_s  
mokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1W),dec=2)

	rho	chisq	p
educ12	-0.001498	5.15e-03	0.9428
educ13	-0.011978	3.34e-01	0.5635
hyp1	-0.000225	1.19e-04	0.9913
hat1	0.027871	1.76e+00	0.1843
stk1	-0.008367	1.66e-01	0.6841
dia1	0.010452	2.47e-01	0.6195
kny1	0.016174	5.97e-01	0.4398
diur2.Past	0.007524	1.29e-01	0.7197
diur3.Current	-0.000110	2.76e-05	0.9958
Q1_smokstat1	0.030729	2.22e+00	0.1360
Q1_smokstat2	0.007595	1.34e-01	0.7144
C_suppl2.Yes	0.037628	3.23e+00	0.0721
Q1_ac_mets	-0.024845	1.53e+00	0.2165
ndrinks11to2	0.000881	1.79e-03	0.9663
ndrinks13+	-0.020888	9.70e-01	0.3246
GLOBAL	NA	1.23e+01	0.6530

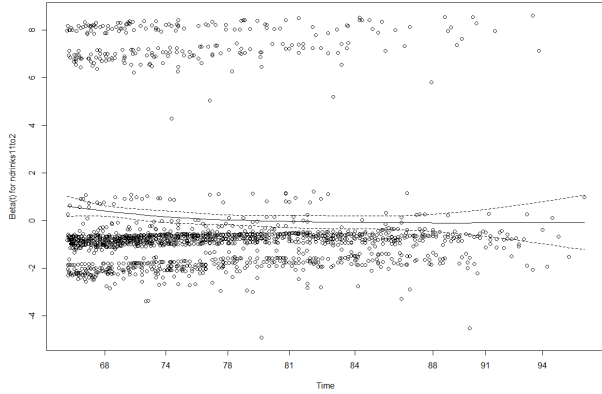
**Alcohol Use**

*Black*

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+strata(mar4,Q1\_CORR\_SEX,gen)+edu1,data=gout1B),dec=2)

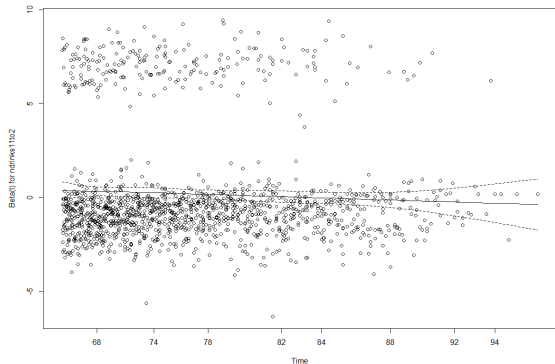
	rho	chisq	p
ndrinks11to2	-0.0637	7.302	<b>0.00689</b>
ndrinks13+	-0.0146	0.390	0.53248
edu12	-0.0139	0.348	0.55504
edu13	0.0395	2.802	0.09412
GLOBAL	NA	11.659	<b>0.02008</b>



Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+bmiq+hyp+stk+edu1+gen+strata(dash\_q,mar4,h,Q1\_smokstat)+Q1\_ac\_mets+kny+Q1\_CORR\_SEX,data=gout1B),dec=2)

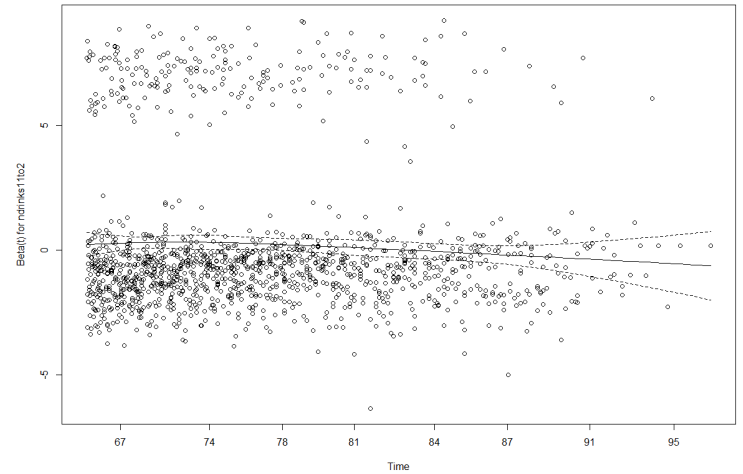
	rho	chisq	p
ndrinks11to2	-0.05203	4.0280	<b>0.0448</b>
ndrinks13+	-0.00521	0.0412	0.8391
bmiq(22.4,24.6]	0.04041	2.4356	0.1186
bmiq(24.6,26.7]	0.02687	1.0646	0.3022
bmiq(26.7,29.7]	0.03901	2.2615	0.1326
bmiq(29.7,95.3]	0.00694	0.0707	0.7903
hyp1	-0.02082	0.6489	0.4205
stk1	0.03848	2.2293	0.1354
edu12	-0.01169	0.2050	0.6507
edu13	0.00659	0.0639	0.8005
gen2.1st gen	0.04282	2.6676	0.1024
gen3.immagrant	0.04398	2.7681	0.0962
Q1_ac_mets	0.01891	0.5701	0.4502
kny1	0.01032	0.1585	0.6906
Q1_CORR_SEX2	-0.04752	3.3481	0.0673
GLOBAL	NA	24.9103	0.0512



Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~Q1\_CORR\_SEX+edu1+gen+strata(mar4,Q1\_smokstat,dash\_q,hat)+bmiq+hyp+stk+dia+kny+diur+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1B),dec=2)

	rho	chisq	p
Q1_CORR_SEX2	-0.04480	2.74e+00	0.0976
edu12	-0.02300	7.39e-01	0.3899
edu13	-0.01010	1.40e-01	0.7085
gen2.1st gen	0.04180	2.38e+00	0.1230
gen3.immagrant	0.03561	1.70e+00	0.1926
bmiq(22.4,24.6]	0.02950	1.21e+00	0.2715
bmiq(24.6,26.7]	0.01873	4.86e-01	0.4856
bmiq(26.7,29.7]	0.02354	7.73e-01	0.3792
bmiq(29.7,95.3]	-0.00862	1.03e-01	0.7484
hyp1	0.00903	1.14e-01	0.7353
stk1	0.05072	3.60e+00	0.0579
dia1	-0.00015	3.21e-05	0.9955
kny1	0.00356	1.78e-02	0.8939
diur2.Past	-0.00677	6.52e-02	0.7985
diur3.Current	-0.03203	1.45e+00	0.2281
C_suppl2.Yes	0.03136	1.36e+00	0.2429
Q1_ac_mets	0.02203	7.38e-01	0.3904
ndrinks11to2	-0.05382	4.06e+00	<b>0.0440</b>
ndrinks13+	-0.01721	4.19e-01	0.5172
GLOBAL	NA	2.71e+01	0.1020



Hawaiian

Model 1  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+mar4+strata(Q1\_CORR\_SEX,gen)+edu1,data=gout1H),dec=2)

	rho	chisq	p
ndrinks11to2	0.00915	0.10367	0.7475
ndrinks13+	-0.01423	0.25231	0.6155
mar42.Sep/Div	0.00224	0.00638	0.9363
mar43.widow	0.05253	3.40821	0.0649
mar44.Never	-0.02158	0.58775	0.4433
edu12	-0.03681	1.69991	0.1923
edu13	-0.02901	1.06260	0.3026
GLOBAL	NA	7.22219	0.4061

Model 2  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+bmi+hyp+hat+stk+edu1+Q1\_smokstat+mar4+Q1\_ac\_mets+kny+strata(Q1\_CORR\_SEX,dash\_q,gen),data=gout1H),dec=2)

	rho	chisq	p
ndrinks11to2	0.009354	0.101664	0.750
ndrinks13+	-0.003949	0.018452	0.892
bmi	-0.000531	0.000263	0.987
hyp1	-0.000668	0.000515	0.982
hat1	0.039238	1.802853	0.179
stk1	-0.013709	0.224372	0.636
edu12	-0.037288	1.616171	0.204
edu13	-0.055764	3.652932	0.056
Q1_smokstat1	-0.003596	0.015097	0.902
Q1_smokstat2	0.007450	0.063796	0.801
mar42.Sep/Div	-0.001875	0.004143	0.949
mar43.widow	0.028000	0.905388	0.341
mar44.Never	-0.027832	0.920730	0.337
Q1_ac_mets	-0.017862	0.368248	0.544
kny1	0.007681	0.068749	0.793
GLOBAL	NA	9.653598	0.841

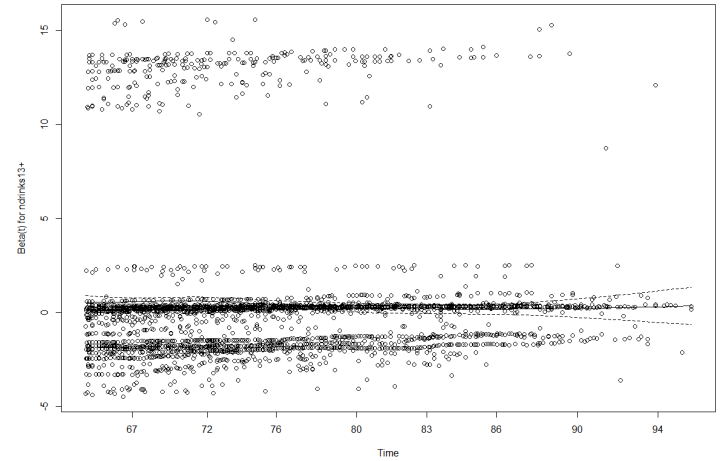
Model 3  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,dash\_q,gen)+edu1+mar4+bmi+hyp+hat+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1H),dec=2)

	rho	chisq	p
edu12	-0.028822	9.16e-01	0.338
edu13	-0.039100	1.71e+00	0.191
mar42.Sep/Div	-0.001140	1.45e-03	0.970
mar43.widow	0.024126	6.36e-01	0.425
mar44.Never	-0.022858	5.90e-01	0.443
bmi	0.000514	2.34e-04	0.988
hyp1	-0.002453	6.69e-03	0.935
hat1	0.040380	1.79e+00	0.180
stk1	0.001977	4.51e-03	0.946
dia1	0.036054	1.44e+00	0.230
kny1	0.016532	3.05e-01	0.581
diur2.Past	-0.016753	3.15e-01	0.575
diur3.Current	0.005020	2.78e-02	0.868
Q1_smokstat1	0.009185	9.30e-02	0.760
Q1_smokstat2	0.024328	6.49e-01	0.420
C_suppl2.Yes	0.023944	6.16e-01	0.433
Q1_ac_mets	-0.014048	2.20e-01	0.639
ndrinks11to2	0.007328	5.97e-02	0.807
ndrinks13+	0.004454	2.24e-02	0.881
GLOBAL	NA	1.03e+01	0.946

Japanese

Model 1  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+strata(gen,Q1\_CORR\_SEX,edu1,mar4),data=gout1J),dec=2)

	rho	chisq	p
ndrinks11to2	-0.0255	2.32	0.1278
ndrinks13+	-0.0376	5.03	0.0249
GLOBAL	NA	6.27	0.0436



Model 2  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+hyp+hat+stk+strata(gen,Q1\_CORR\_SEX,edu1,dash\_q,bmiq,mar4)+Q1\_smokstat+Q1\_ac\_mets+kny,data=gout1J),dec=2)

	rho	chisq	p
ndrinks11to2	-0.01532	0.809	0.3686
ndrinks13+	-0.02580	2.308	0.1287
hyp1	-0.00861	0.257	0.6123
hat1	0.02949	2.923	0.0873
stk1	0.02460	2.069	0.1503
Q1_smokstat1	0.00795	0.216	0.6424
Q1_smokstat2	-0.01323	0.620	0.4311
Q1_ac_mets	0.03067	3.319	0.0685
kny1	-0.00779	0.205	0.6510
GLOBAL	NA	13.210	0.1533

Model 3  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,gen,edu1,dash\_q,mar4,hat)+bmi+hyp+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1,data=gout1J),dec=2)

	rho	chisq	p
bmi	-0.027673	2.28e+00	0.1308
hyp1	-0.014716	7.44e-01	0.3884
stk1	0.025247	2.07e+00	0.1498
dia1	0.031671	3.28e+00	0.0702
kny1	-0.008452	2.35e-01	0.6276
diur2.Past	0.000395	5.15e-04	0.9819
diur3.Current	0.004068	5.60e-02	0.8129
Q1_smokstat1	-0.003250	3.51e-02	0.8515
Q1_smokstat2	-0.011576	4.53e-01	0.5007
C_suppl2.Yes	0.012549	5.20e-01	0.4706
Q1_ac_mets	0.021917	1.65e+00	0.1989
ndrinks11to2	-0.021015	1.46e+00	0.2273
ndrinks13+	-0.022913	1.72e+00	0.1891
GLOBAL	NA	1.41e+01	0.3670

Latino

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+gen+Q1\_CORR\_SEX+edu1+mar4,data=gout1L),dec=2)

	rho	chisq	p
ndrinks11to2	-0.01005	0.1626	0.6868
ndrinks13+	-0.01540	0.3693	0.5434
gen2.1st gen	0.02336	0.8621	0.3532
gen3.immagrant	-0.02002	0.6323	0.4265
Q1_CORR_SEX2	0.02911	1.3571	0.2440
edu12	0.04894	3.7452	0.0530
edu13	-0.00312	0.0152	0.9017
mar42.Sep/Div	-0.04879	3.8030	0.0512
mar43.widow	0.01261	0.2537	0.6145
mar44.Never	-0.01240	0.2430	0.6220
GLOBAL	NA	17.6808	0.0606

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+bmi+hyp+hat+stk+dash\_q+strata(edu1)+Q1\_smokstat+gen+mar4+Q1\_ac\_mets+kny+Q1\_CORR\_SEX,data=gout1L),dec=2)

	rho	chisq	p
ndrinks11to2	-0.01450	0.28716	0.5920
ndrinks13+	-0.00517	0.03492	0.8518
bmi	-0.04307	2.30157	0.1292
hyp1	0.02257	0.70685	0.4005
hat1	0.02636	0.92769	0.3355
stk1	-0.04522	2.75340	0.0970
dash_q(20,23]	0.00298	0.01180	0.9135
dash_q(23,25]	0.00112	0.00167	0.9674
dash_q(25,28]	0.03906	2.03660	0.1536
dash_q(28,40]	0.04609	2.81020	0.0937
Q1_smokstat1	0.00277	0.01029	0.9192
Q1_smokstat2	-0.00766	0.07913	0.7785
gen2.1st gen	0.03617	1.72295	0.1893
gen3.immagrant	-0.00281	0.01030	0.9191
mar42.Sep/Div	-0.04342	2.54299	0.1108
mar43.widow	0.01602	0.34697	0.5558
mar44.Never	-0.00241	0.00771	0.9301
Q1_ac_mets	-0.02506	0.84396	0.3583
kny1	-0.02434	0.79193	0.3735
Q1_CORR_SEX2	0.04815	3.21186	0.0731
GLOBAL	NA	27.86309	0.1127

Model 3

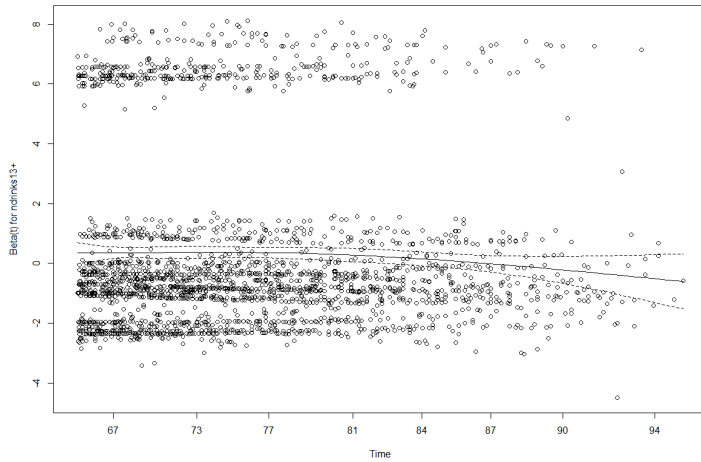
effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,edu1)+gen+mar4+bmiq+hyp+hat+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+Q1\_DP\_DASH\_TOTSCORE,data=gout1L),dec=2)

	rho	chisq	p
gen2.1st gen	0.02489	0.75882	0.3837
gen3.immagrant	-0.00141	0.00239	0.9610
mar42.Sep/Div	-0.03566	1.58933	0.2074
mar43.widow	0.01034	0.13279	0.7156
mar44.Never	-0.00312	0.01194	0.9130
bmiq(22.4,24.6]	-0.00713	0.06260	0.8024
bmiq(24.6,26.7]	-0.00912	0.10163	0.7499
bmiq(26.7,29.7]	-0.00993	0.11974	0.7293
bmiq(29.7,95.3]	-0.04913	2.98312	0.0841
hyp1	0.03356	1.46839	0.2256
hat1	0.03905	1.87782	0.1706
stk1	-0.04451	2.46996	0.1160
dia1	-0.02565	0.81371	0.3670
kny1	-0.02446	0.73580	0.3910
diur2.Past	-0.00229	0.00654	0.9356
diur3.Current	-0.01060	0.14427	0.7041
Q1_smokstat1	-0.00485	0.02914	0.8645
Q1_smokstat2	-0.01714	0.36639	0.5450
C_suppl2.Yes	-0.03443	1.45364	0.2279
Q1_ac_mets	-0.03843	1.83396	0.1757
ndrinks11to2	-0.01337	0.22163	0.6378
ndrinks13+	-0.01740	0.36599	0.5452
Q1_DP_DASH_TOTSCORE	0.05164	3.36435	0.0666
GLOBAL	NA	25.02607	0.3489

White

M1  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+  
 edu1+strata(mar4,Q1\_CORR\_SEX,gen),data=gout1W),dec=2)

	rho	chisq	p
ndrinks11to2	0.00697	0.12107	0.7279
ndrinks13+	-0.04134	4.23859	<b>0.0395</b>
edu12	-0.00155	0.00608	0.9379
edu13	0.00949	0.22806	0.6330
GLOBAL	NA	5.60132	0.2310



Model 3  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~edu1+strata(bmiq,d  
 ash\_q,mar4,Q1\_CORR\_SEX,gen)+hyp+hat+stk+dia+kny+diur+Q1\_  
 smokstat+C\_supp1+Q1\_ac\_mets+ndrinks1,data=gout1W),dec=2)

	rho	chisq	p
edu12	-0.001498	5.15e-03	0.9428
edu13	-0.011978	3.34e-01	0.5635
hyp1	-0.000225	1.19e-04	0.9913
hat1	0.027871	1.76e+00	0.1843
stk1	-0.008367	1.66e-01	0.6841
dia1	0.010452	2.47e-01	0.6195
kny1	0.016174	5.97e-01	0.4398
diur2.Past	0.007524	1.29e-01	0.7197
diur3.Current	-0.000110	2.76e-05	0.9958
Q1_smokstat1	0.030729	2.22e+00	0.1360
Q1_smokstat2	0.007595	1.34e-01	0.7144
C_supp12.Yes	0.037628	3.23e+00	0.0721
Q1_ac_mets	-0.024845	1.53e+00	0.2165
ndrinks11to2	0.000881	1.79e-03	0.9663
ndrinks13+	-0.020888	9.70e-01	0.3246
GLOBAL	NA	1.23e+01	0.6530

Model 2  
 effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~ndrinks1+strata(bmi  
 q,dash\_q,mar4,Q1\_CORR\_SEX,gen)+hyp+hat+stk+edu1+Q1\_smok  
 tat+Q1\_ac\_mets+kny,data=gout1W),dec=2)

	rho	chisq	p
ndrinks11to2	0.00167	0.00663	0.935
ndrinks13+	-0.02421	1.36139	0.243
hyp1	-0.00573	0.07716	0.781
hat1	0.03200	2.44064	0.118
stk1	0.00269	0.01777	0.894
edu12	-0.00221	0.01167	0.914
edu13	-0.01438	0.50508	0.477
Q1_smokstat1	0.03208	2.51403	0.113
Q1_smokstat2	0.00533	0.06857	0.793
Q1_ac_mets	-0.01536	0.60792	0.436
kny1	0.02517	1.50104	0.221
GLOBAL	NA	10.26149	0.507

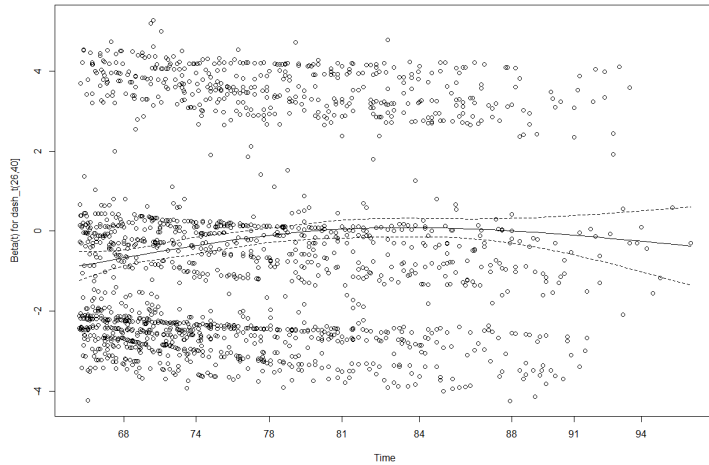
### DASH Score Tertiles

Black

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+strata(Q1\_CORR\_SEX,mar4,ndrinks1,gen,edu1),data=gout1B),dec=2)

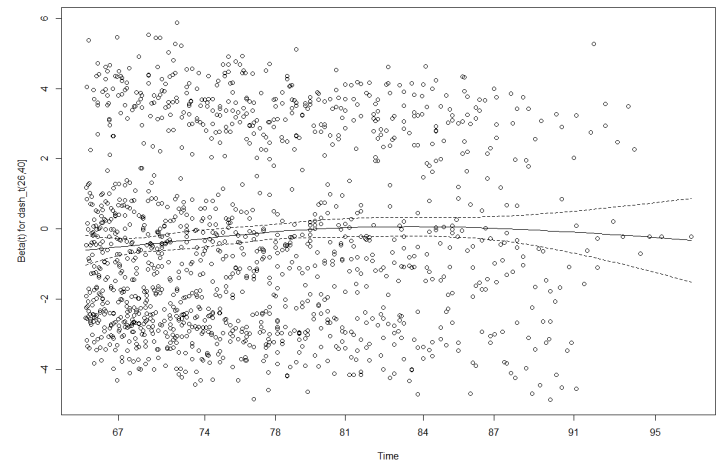
	rho	chisq	p
dash_t(22,26]	0.0368	2.42	1.20e-01
dash_t(26,40]	0.1053	19.61	<b>9.51e-06</b>
GLOBAL	NA	19.71	<b>5.25e-05</b>



Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~edu1+gen+strata(mar4,Q1\_smokstat,hat,ndrinks1,Q1\_CORR\_SEX)+bmiq+hyp+dia+stk+kny+diur+C\_suppl+Q1\_ac\_mets+dash\_t,data=gout1B),dec=2)

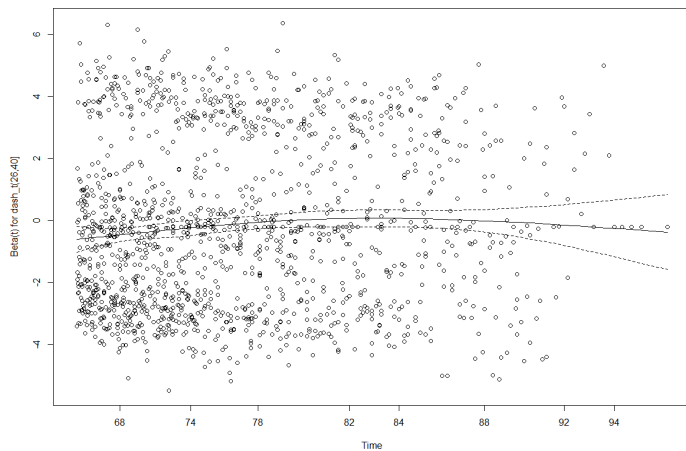
	rho	chisq	p
edu12	-0.01822	0.45718	0.49894
edu13	-0.00882	0.10852	0.74183
gen2.1st gen	0.03084	1.30371	0.25354
gen3.immagrant	0.03141	1.33740	0.24749
bmiq(22.4,24.6]	0.03853	2.10292	0.14702
bmiq(24.6,26.7]	0.02363	0.79861	0.37151
bmiq(26.7,29.7]	0.02527	0.91443	0.33894
bmiq(29.7,95.3]	-0.01095	0.17039	0.67976
hyp1	0.00199	0.00558	0.94045
dia1	0.00363	0.01880	0.89095
stk1	0.04755	3.23833	0.07193
kny1	-0.00514	0.03789	0.84566
diur2.Past	0.00397	0.02211	0.88180
diur3.Current	-0.03499	1.69329	0.19317
C_suppl2.Yes	0.02360	0.77842	0.37763
Q1_ac_mets	0.02832	1.22245	0.26888
dash_t(22,26]	0.00453	0.02881	0.86523
dash_t(26,40]	0.07470	7.64697	<b>0.00569</b>
GLOBAL	NA	34.92699	<b>0.00965</b>



Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+hyp+stk+edu1+gen+strata(mar4,Q1\_smokstat,bmiq,ndrinks1,hat,Q1\_CORR\_SEX)+Q1\_ac\_mets+kny,data=gout1B),dec=2)

	rho	chisq	p
dash_t(22,26]	-0.0102	0.159	0.69006
dash_t(26,40]	0.0692	7.103	<b>0.00769</b>
hyp1	-0.0328	1.628	0.20203
stk1	0.0254	0.980	0.32226
edu12	-0.0147	0.325	0.56890
edu13	0.0102	0.158	0.69115
gen2.1st gen	0.0231	0.767	0.38122
gen3.immagrant	0.0405	2.415	0.12020
Q1_ac_mets	0.0179	0.508	0.47584
kny1	0.0108	0.180	0.67132
GLOBAL	NA	18.824	<b>0.04256</b>



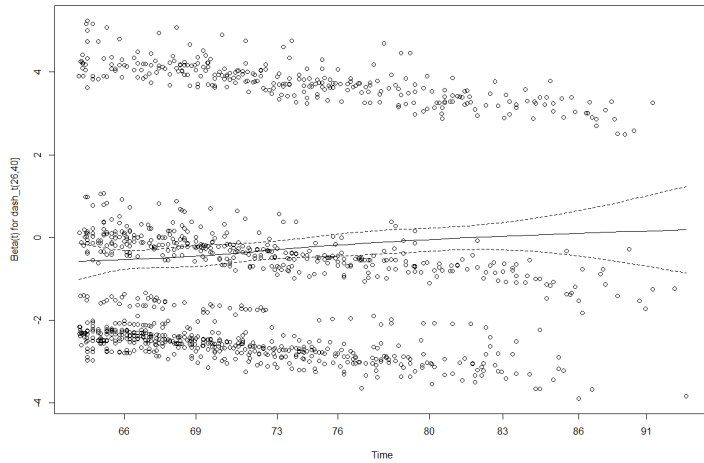
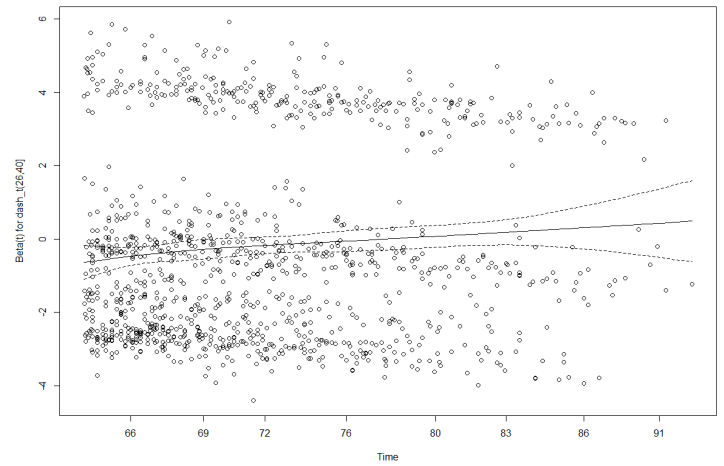


Hawaiian

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+strata(Q1\_CORR\_SEX,gen)+mar4+ndrinks1+edu1,data=gout1H),dec=2)

	rho	chisq	p
dash_t(22,26]	0.02553	0.8197	0.36527
dash_t(26,40]	0.08045	7.9892	<b>0.00471</b>
mar42.Sep/Div	0.00315	0.0126	0.91077
mar43.widow	0.04761	2.7942	0.09461
mar44.Never	-0.02112	0.5647	0.45236
ndrinks11to2	0.01461	0.2645	0.60703
ndrinks13+	-0.00657	0.0543	0.81576
edu12	-0.04003	2.0057	0.15671
edu13	-0.03533	1.5720	0.20992
GLOBAL	NA	14.9737	0.09166



Model 2

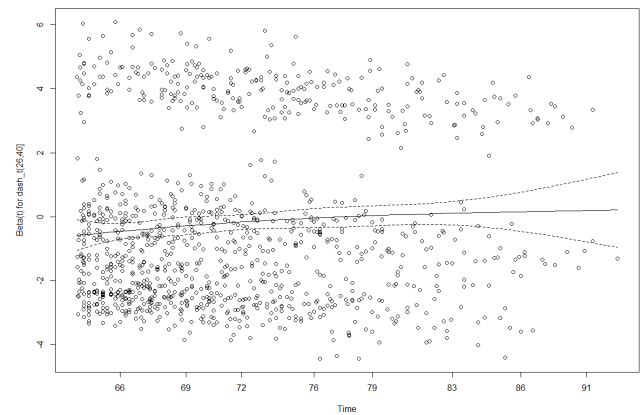
effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+bmi+hyp+hat+stk+Q1\_smokstat+ndrinks1+mar4+Q1\_ac\_mets+kny+strata(Q1\_CORR\_SEX,gen,edu1),data=gout1H),dec=2)

	rho	chisq	p
dash_t(22,26]	0.041534	2.01e+00	0.15658
dash_t(26,40]	0.093393	1.00e+01	<b>0.00157</b>
bmi	0.008020	5.93e-02	0.80754
hyp1	-0.005137	3.03e-02	0.86192
hat1	0.035955	1.51e+00	0.21980
stk1	-0.017576	3.66e-01	0.54492
Q1_smokstat1	-0.006849	5.52e-02	0.81424
Q1_smokstat2	0.004320	2.15e-02	0.88342
ndrinks11to2	0.015878	2.91e-01	0.58976
ndrinks13+	0.003431	1.37e-02	0.90667
mar42.Sep/Div	0.000774	7.08e-04	0.97877
mar43.widow	0.033793	1.32e+00	0.25096
mar44.Never	-0.022641	6.08e-01	0.43543
Q1_ac_mets	-0.008761	8.77e-02	0.76714
kny1	0.001819	3.91e-03	0.95013
GLOBAL	NA	1.48e+01	0.46291

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,gen)+edu1+mar4+bmi+hyp+hat+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+dash\_t,data=gout1H),dec=2)

	rho	chisq	p
edu12	-0.032850	1.19e+00	0.27602
edu13	-0.038903	1.68e+00	0.19434
mar42.Sep/Div	0.000796	7.08e-04	0.97877
mar43.widow	0.031844	1.11e+00	0.29308
mar44.Never	-0.020201	4.59e-01	0.49806
bmi	0.008430	6.21e-02	0.80315
hyp1	-0.003324	1.24e-02	0.91146
hat1	0.035898	1.42e+00	0.23330
stk1	0.001706	3.31e-03	0.95411
dia1	0.029962	9.93e-01	0.31910
kny1	0.016001	2.88e-01	0.59126
diur2.Past	-0.018176	3.73e-01	0.54145
diur3.Current	0.009947	1.10e-01	0.74029
Q1_smokstat1	0.006204	4.26e-02	0.83643
Q1_smokstat2	0.017298	3.28e-01	0.56671
C_suppl2.Yes	0.025674	7.14e-01	0.39802
Q1_ac_mets	-0.000802	7.04e-04	0.97883
ndrinks11to2	0.013805	2.10e-01	0.64649
ndrinks13+	0.003841	1.65e-02	0.89773
dash_t(22,26]	0.030280	1.01e+00	0.31380
dash_t(26,40]	0.079416	6.82e+00	<b>0.00903</b>
GLOBAL	NA	1.73e+01	0.69530

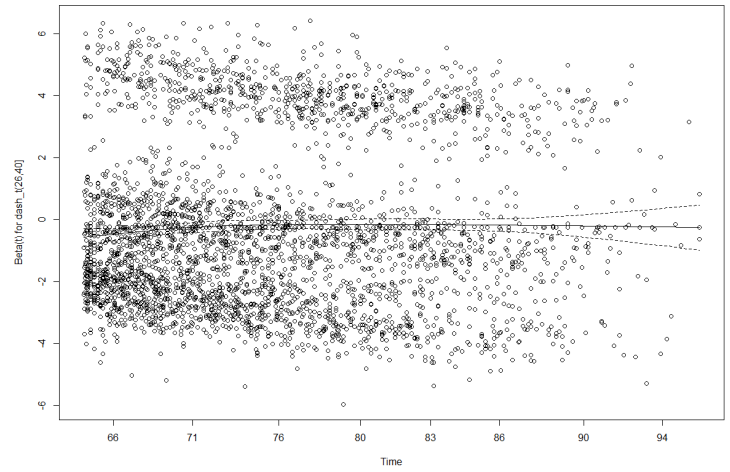
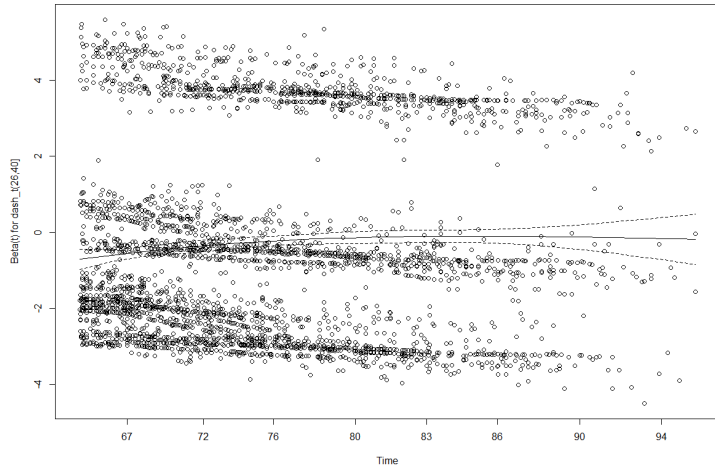
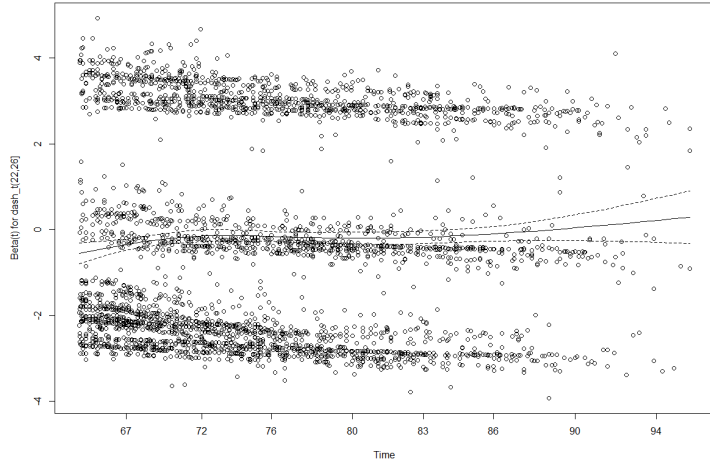


Japanese

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+strata(gen,Q1\_CORR\_SEX,edu1,mar4,ndrinks1),data=gout1J),dec=2)

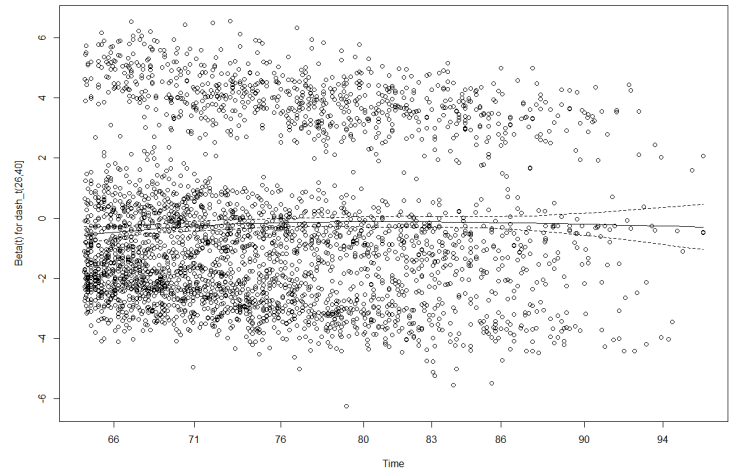
	rho	chisq	p
dash_t(22,26]	0.0412	6.1	1.35e-02
dash_t(26,40]	0.0672	16.1	5.92e-05
GLOBAL	NA	17.0	2.01e-04



Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_SEX,edu1,gen,hat,mar4,bmiq)+hyp+stk+dia+kny+diur+Q1\_smokstat+C\_supp1+Q1\_ac\_mets+ndrinks1+dash\_t,data=gout1J),dec=2)

	rho	chisq	p
hyp1	-0.01347	0.62526	0.4291
stk1	0.02234	1.64943	0.1990
dia1	0.03377	3.67548	0.0552
kny1	-0.01340	0.59106	0.4420
diur2.Past	-0.00460	0.07094	0.7900
diur3.Current	-0.00113	0.00428	0.9478
Q1_smokstat1	0.00535	0.09369	0.7595
Q1_smokstat2	-0.00967	0.31890	0.5723
C_supp12.Yes	0.01169	0.45342	0.5007
Q1_ac_mets	0.02905	2.85387	0.0912
ndrinks11to2	-0.02427	1.93395	0.1643
ndrinks13+	-0.02627	2.23142	0.1352
dash_t(22,26]	0.02927	2.79655	0.0945
dash_t(26,40]	0.03894	4.95236	0.0261
GLOBAL	NA	23.13381	0.0581



Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+hyp+stk+Q1\_smokstat+metq+kny+strata(Q1\_CORR\_SEX,gen,edu1,bmiq,mar4,h at,ndrinks1),data=gout1J),dec=2)

	rho	chisq	p
dash_t(22,26]	0.02349	1.8754	0.1709
dash_t(26,40]	0.03451	4.0450	0.0443
hyp1	-0.01176	0.4753	0.4906
stk1	0.02733	2.6400	0.1042
Q1_smokstat1	0.00450	0.0688	0.7932
Q1_smokstat2	-0.01587	0.8817	0.3477
metq(1.38,1.55]	0.00261	0.0235	0.8782
metq(1.55,1.68]	-0.00295	0.0299	0.8627
metq(1.68,1.83]	0.02399	1.9835	0.1590
metq(1.83,4.04]	0.02665	2.4322	0.1189
kny1	-0.01490	0.7460	0.3878
GLOBAL	NA	16.4889	0.1239

Latino

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+gen+Q1\_CORR\_SEX+edu1+mar4+ndrinks1,data=gout1L),dec=2)

	rho	chisq	p
dash_t(22,26]	0.01421	0.3203	0.5714
dash_t(26,40]	0.04883	3.7815	0.0518
gen2.1st gen	0.02180	0.7514	0.3860
gen3.immigrant	-0.02227	0.7826	0.3763
Q1_CORR_SEX2	0.02931	1.3767	0.2407
edu12	0.04545	3.2254	0.0725
edu13	-0.00765	0.0916	0.7621
mar42.Sep/Div	-0.04739	3.6002	0.0578
mar43.widow	0.01206	0.2322	0.6299
mar44.Never	-0.01280	0.2591	0.6108
ndrinks11to2	-0.00886	0.1266	0.7220
ndrinks13+	-0.01332	0.2770	0.5987
GLOBAL	NA	21.9207	0.0384

Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+bmi+hyp+h at+stk+Q1\_smokstat+strata(edu1)+ndrinks1+gen+mar4+Q1\_ac\_mets +kny+Q1\_CORR\_SEX,data=gout1L),dec=2)

	rho	chisq	p
dash_t(22,26]	0.01249	0.20866	0.6478
dash_t(26,40]	0.05315	3.78391	0.0517
bmi	-0.04400	2.41186	0.1204
hyp1	0.02324	0.75137	0.3860
hat1	0.02672	0.95369	0.3288
stk1	-0.04491	2.71318	0.0995
Q1_smokstat1	0.00307	0.01267	0.9104
Q1_smokstat2	-0.00776	0.08166	0.7751
ndrinks11to2	-0.01467	0.29347	0.5880
ndrinks13+	-0.00591	0.04567	0.8308
gen2.1st gen	0.03654	1.75863	0.1848
gen3.immigrant	-0.00244	0.00777	0.9297
mar42.Sep/Div	-0.04335	2.53802	0.1111
mar43.widow	0.01596	0.34423	0.5574
mar44.Never	-0.00230	0.00698	0.9334
Q1_ac_mets	-0.02488	0.83428	0.3610
kny1	-0.02475	0.81692	0.3661
Q1_CORR_SEX2	0.04783	3.16964	0.0750
GLOBAL	NA	26.23606	0.0945

Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~strata(Q1\_CORR\_S EX,edu1)+gen+mar4+bmiq+hyp+hat+stk+dia+kny+diur+Q1\_smokst at+C\_suppl+Q1\_ac\_mets+ndrinks1+dash\_t,data=gout1L),dec=2)

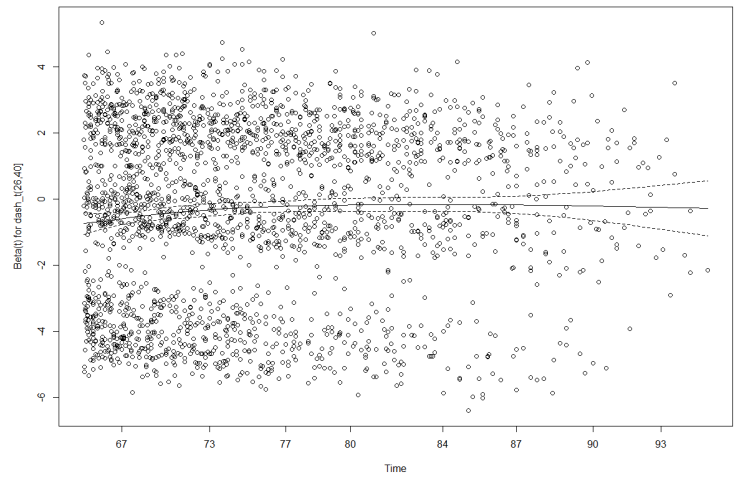
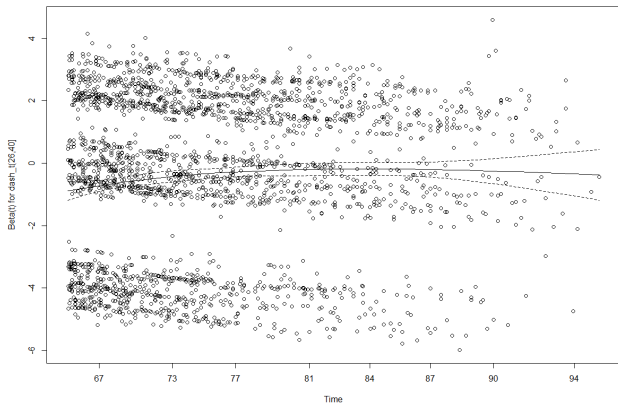
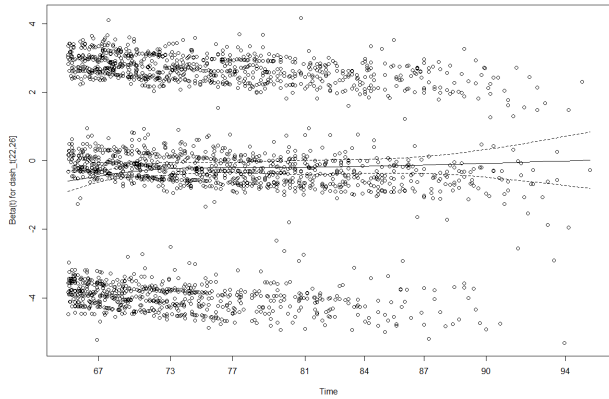
	rho	chisq	p
gen2.1st gen	0.025583	8.01e-01	0.3708
gen3.immigrant	-0.000584	4.13e-04	0.9838
mar42.Sep/Div	-0.035792	1.60e+00	0.2056
mar43.widow	0.010432	1.35e-01	0.7132
mar44.Never	-0.002642	8.56e-03	0.9263
bmiq(22.4,24.6]	-0.007082	6.17e-02	0.8038
bmiq(24.6,26.7]	-0.009284	1.05e-01	0.7454
bmiq(26.7,29.7]	-0.009935	1.20e-01	0.7291
bmiq(29.7,95.3]	-0.049136	2.99e+00	0.0839
hyp1	0.033862	1.49e+00	0.2217
hat1	0.038642	1.84e+00	0.1749
stk1	-0.044092	2.42e+00	0.1194
dia1	-0.025634	8.13e-01	0.3672
kny1	-0.024389	7.31e-01	0.3925
diur2.Past	-0.002069	5.36e-03	0.9416
diur3.Current	-0.010684	1.47e-01	0.7016
Q1_smokstat1	-0.004995	3.10e-02	0.8603
Q1_smokstat2	-0.018554	4.32e-01	0.5109
C_suppl2.Yes	-0.034273	1.43e+00	0.2319
Q1_ac_mets	-0.038165	1.82e+00	0.1779
ndrinks11to2	-0.013181	2.15e-01	0.6427
ndrinks13+	-0.017427	3.66e-01	0.5451
dash_t(22,26]	0.009711	1.16e-01	0.7330
dash_t(26,40]	0.054501	3.67e+00	0.0555
GLOBAL	NA	2.59e+01	0.3592

White

Model 1

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+strata(Q1\_CORR\_SEX,mar4,gen,ndrinks1)+edu1,data=gout1W),dec=2)

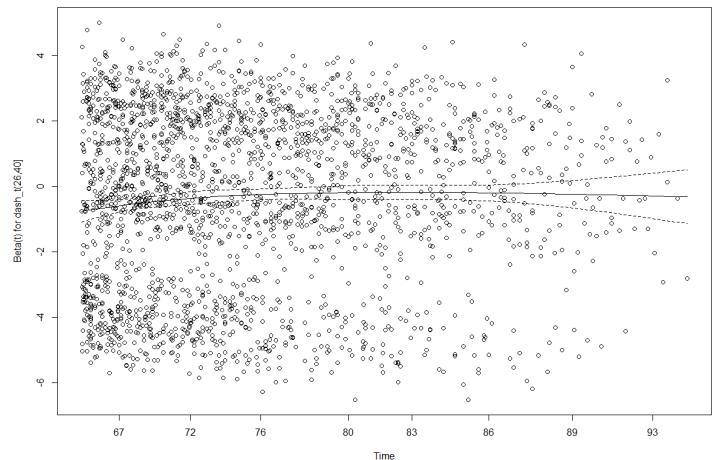
	rho	chisq	p
dash_t(22,26]	0.04300	4.6658	<b>0.030769</b>
dash_t(26,40]	0.07230	13.3185	<b>0.000263</b>
edu12	-0.00473	0.0572	0.811019
edu13	-0.00749	0.1438	0.704576
GLOBAL	NA	13.4076	<b>0.009447</b>



Model 3

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~edu1+strata(bmiq,mar4,gen,Q1\_CORR\_SEX)+hyp+hat+stk+dia+kny+diur+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+dash\_t,data=gout1W),dec=2)

	rho	chisq	p
edu12	-0.009633	2.13e-01	0.6441
edu13	-0.013085	3.97e-01	0.5285
hyp1	-0.000312	2.25e-04	0.9880
hat1	0.033981	2.63e+00	0.1051
stk1	-0.006691	1.04e-01	0.7467
dia1	0.004651	5.00e-02	0.8231
kny1	0.015226	5.41e-01	0.4621
diur2.Past	-0.012103	3.40e-01	0.5598
diur3.Current	0.001304	3.88e-03	0.9503
Q1_smokstat1	0.031886	2.39e+00	0.1222
Q1_smokstat2	0.007790	1.44e-01	0.7046
C_suppl2.Yes	0.040743	3.77e+00	0.0522
Q1_ac_mets	-0.031564	2.46e+00	0.1166
ndrinks11to2	-0.000614	8.57e-04	0.9767
ndrinks13+	-0.029434	1.94e+00	0.1635
dash_t(22,26]	0.030563	2.15e+00	0.1427
dash_t(26,40]	0.054058	6.71e+00	<b>0.0096</b>
GLOBAL	NA	2.38e+01	0.1255



Model 2

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~dash\_t+strata(bmiq,mar4,gen,Q1\_CORR\_SEX)+hyp+hat+stk+Q1\_smokstat+edu1+ndrinks1+Q1\_ac\_mets+kny,data=gout1W),dec=2)

	rho	chisq	p
dash_t(22,26]	0.03252	2.5336	0.11145
dash_t(26,40]	0.05660	7.7256	<b>0.00544</b>
hyp1	-0.01088	0.2824	0.59515
hat1	0.03470	2.8802	0.08967
stk1	0.00329	0.0261	0.87162
Q1_smokstat1	0.03195	2.4861	0.11486
Q1_smokstat2	0.00418	0.0431	0.83560
edu12	-0.01068	0.2743	0.60045
edu13	-0.01606	0.6259	0.42886
ndrinks11to2	-0.00191	0.0086	0.92612
ndrinks13+	-0.03326	2.5929	0.10734
Q1_ac_mets	-0.02552	1.6753	0.19555
kny1	0.02372	1.3637	0.24289
GLOBAL	NA	20.8096	0.07678

## Study 2 – PH assumption Results

### Model 1

#### CRP

effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B MKt_crp+eth+strata(sex),data=gout3),2)			
	rho	chisq	p
BMkt_crp(1,2.8]	-0.0290	0.5412	0.462
BMkt_crp(2.8,21]	-0.0387	0.9725	0.324
ethH	-0.0505	1.5846	0.208
ethJ	-0.0584	2.1689	0.141
ethL	0.0143	0.1255	0.723
ethW	-0.0112	0.0765	0.782
GLOBAL	NA	4.9907	0.545

#### TOT-CHOL

effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B MKt_totchol+eth+strata(sex),data=gout3),2)			
	rho	chisq	p
totchol(176,210]	-0.01270	0.09952	0.752
totchol(210,405]	0.00298	0.00539	0.941
ethH	-0.03827	0.88410	0.347
ethJ	-0.04471	1.21857	0.270
ethL	0.01909	0.22332	0.637
ethW	-0.00769	0.03647	0.849
GLOBAL	NA	3.82730	0.700

#### HDL

effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B MKt_hdl+eth+strata(sex),data=gout3),2)			
	rho	chisq	p
BMkt_hdl(38,50]	-0.000142	1.23e-05	0.997
BMkt_hdl(50,205]	0.004962	1.49e-02	0.903
ethH	-0.039812	9.45e-01	0.331
ethJ	-0.047789	1.40e+00	0.237
ethL	0.016004	1.56e-01	0.693
ethW	-0.009367	5.38e-02	0.817
GLOBAL	NA	3.67e+00	0.722

#### LDL

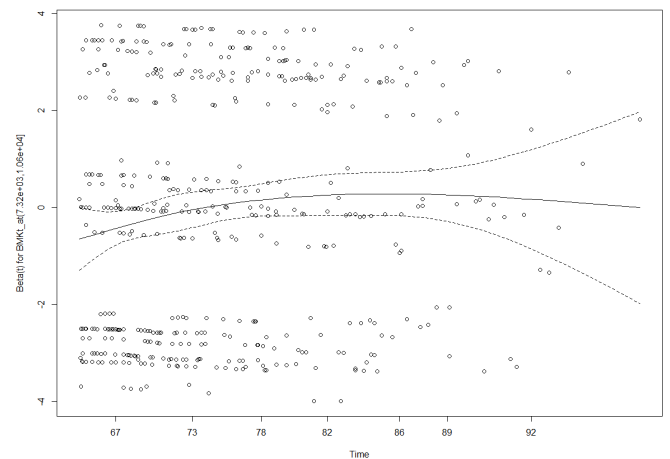
effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B MKt_ldl+eth+strata(sex),data=gout3),2)			
	rho	chisq	p
BMkt_ldl(108,138]	0.03056	0.5730	0.449
BMkt_ldl(138,364]	0.02021	0.2532	0.615
ethH	-0.03601	0.7803	0.377
ethJ	-0.04258	1.1072	0.293
ethL	0.02481	0.3754	0.540
ethW	-0.00538	0.0178	0.894
GLOBAL	NA	4.5030	0.609

#### TG

effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B MKt_tg+eth+strata(sex),data=gout3),2)			
	rho	chisq	p
BMkt_tg(83,131]	-0.04011	1.0018	0.317
BMkt_tg(131,1e+03]	-0.05194	1.6994	0.192
ethH	-0.02858	0.4980	0.480
ethJ	-0.03904	0.9355	0.333
ethL	0.02719	0.4694	0.493
ethW	-0.00447	0.0123	0.912
GLOBAL	NA	5.3225	0.503

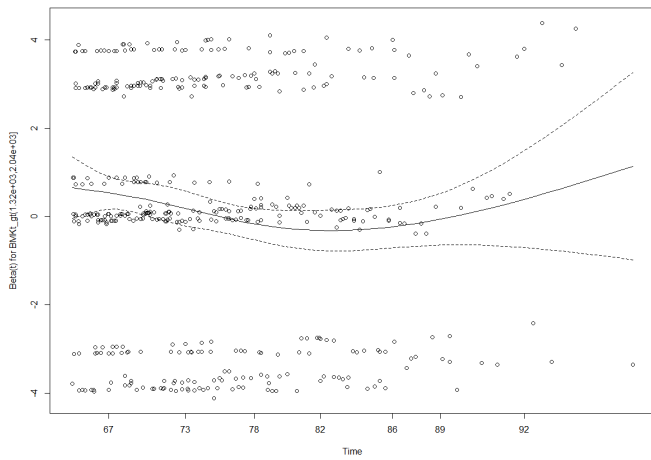
#### $\alpha$ TOC

effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B MKt_at+eth+strata(sex),data=gout3),2)			
	rho	chisq	p
at(7.32e03,1.06e04]	0.1034	5.4230	<b>0.0199</b>
at(1.06e04,1.24e05]	0.0353	0.6521	0.4194
ethH	-0.0375	0.6924	0.4054
ethJ	-0.0601	1.7820	0.1819
ethL	0.0127	0.0816	0.7752
ethW	-0.0138	0.0959	0.7568
GLOBAL	NA	7.5369	0.2740



#### $\gamma$ TOC

effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B MKt_gt+eth+strata(sex),data=gout3),2)			
	rho	chisq	p
gt(1.32e03,2.04e03]	-0.08883	3.9677	<b>0.0464</b>
gt(2.04e03,4.67e04]	-0.07322	2.6159	0.1058
ethH	-0.03787	0.7047	0.4012
ethJ	-0.06699	2.1968	0.1383
ethL	0.01673	0.1399	0.7084
ethW	-0.00902	0.0406	0.8404
GLOBAL	NA	6.3011	0.3903



*LEP*

```
effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B
Mkt_lep+eth+strata(sex),data=gout3),2)
```

	rho	chisq	p
lep(7.68e03,2.06e04]	-0.0247	0.3774	0.539
lep(2.06e04,1.06e05]	-0.0326	0.6680	0.414
ethH	-0.0370	0.8427	0.359
ethJ	-0.0493	1.5693	0.210
ethL	0.0178	0.1948	0.659
ethW	-0.0107	0.0701	0.791
GLOBAL	NA	3.9900	0.678

*$\alpha$ -CAR*

```
effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B
Mkt_ac+eth+strata(sex),data=gout3),2)
```

	rho	chisq	p
ac(45.5,87.2]	0.01240	0.0784	0.7794
ac(87.2,3.17e+03]	0.07486	2.9728	0.0847
ethH	-0.03290	0.5465	0.4598
ethJ	-0.06493	2.2100	0.1371
ethL	0.01857	0.1732	0.6773
ethW	-0.00949	0.0449	0.8321
GLOBAL	NA	5.1184	0.5287

*$\beta$ -CAR*

```
effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B
Mkt_bc+eth+strata(sex),data=gout3),2)
```

	rho	chisq	p
bc(169,352]	0.08085	3.23140	0.0722
bc(352,1.13e+04]	0.05884	1.82488	0.1767
ethH	-0.02700	0.35525	0.5512
ethJ	-0.05932	1.79925	0.1798
ethL	0.01965	0.19343	0.6601
ethW	-0.00349	0.00609	0.9378
GLOBAL	NA	5.49589	0.4820

*ADI*

```
effCI(coxph(Surv(age_exit,as.numeric(GOUT))~B
Mkt_adi+eth+strata(sex),data=gout3),2)
```

	rho	chisq	p
adi(5.06,9.05]	-0.06441	2.5430	0.1108
adi(9.05,26.5]	0.06463	2.5005	0.1138
ethH	-0.04114	1.0277	0.3107
ethJ	-0.04686	1.3395	0.2471
ethL	0.00885	0.0478	0.8270
ethW	-0.02243	0.3090	0.5783
GLOBAL	NA	12.6181	<b>0.0495</b>

MODEL 2

CRP

coxph(Surv(age\_exit,as.numeric(GOUT))~BMKt\_crp+eth+strata(sex,dash\_q)+edul+nkids\_4c+foreignborn+married+bmi\_3c+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur,data=gout3)

	rho	chisq	p
BMKt_crp(1,2.8]	-0.029276	4.69e-01	0.4936
BMKt_crp(2.8,21]	-0.038942	8.44e-01	0.3582
ethH	-0.009955	5.08e-02	0.8217
ethJ	-0.013805	1.05e-01	0.7463
ethL	0.016359	1.35e-01	0.7132
ethw	-0.004088	8.86e-03	0.9250
edu12	-0.041518	8.76e-01	0.3493
edu13	-0.083839	3.45e+00	0.0632
nkids_4c2.1-2	0.033754	6.06e-01	0.4363
nkids_4c3.3-4	0.046361	1.10e+00	0.2946
nkids_4c4.5+	0.080213	3.29e+00	0.0695
foreignborn2.Foreign	0.015149	1.11e-01	0.7389
married2.notMarried	0.030770	4.96e-01	0.4814
bmi_3c2.Overweight	-0.008286	3.83e-02	0.8449
bmi_3c3.obese	-0.064017	2.27e+00	0.1316
Q1_smokstat1	0.003781	7.54e-03	0.9308
Q1_smokstat2	-0.023197	2.89e-01	0.5906
C_suppl2.Yes	-0.003176	5.03e-03	0.9435
Q1_ac_mets	0.031631	5.26e-01	0.4683
ndrinks11to2	0.000232	2.79e-05	0.9958
ndrinks13+	0.026675	3.89e-01	0.5330
diur2.Past	0.022497	2.65e-01	0.6069
diur3.Current	0.033191	5.94e-01	0.4410
GLOBAL	NA	1.64e+01	0.8370

TOTCHOL

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~BMKt\_totchol+eth+sex+strata(dash\_q,bmi\_3c)+edul+nkids\_4c+foreignborn+married+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur,data=gout3),dec=2)

	rho	chisq	p
BMKt_totchol(176,210]	-0.028522	4.39e-01	0.5076
BMKt_totchol(210,405]	-0.011615	7.03e-02	0.7909
ethH	-0.000872	3.85e-04	0.9844
ethJ	-0.011775	7.29e-02	0.7872
ethL	0.013015	8.59e-02	0.7695
ethw	-0.010574	5.99e-02	0.8067
sexM	-0.059766	1.83e+00	0.1758
edu12	-0.044484	9.77e-01	0.3230
edu13	-0.084809	3.48e+00	0.0621
nkids_4c2.1-2	0.019901	2.07e-01	0.6488
nkids_4c3.3-4	0.035641	6.50e-01	0.4201
nkids_4c4.5+	0.052805	1.45e+00	0.2290
foreignborn2.Foreign	0.015971	1.25e-01	0.7235
married2.notMarried	0.020558	2.25e-01	0.6356
Q1_smokstat1	0.007882	3.29e-02	0.8561
Q1_smokstat2	-0.031764	5.46e-01	0.4600
C_suppl2.Yes	0.008872	3.91e-02	0.8433
Q1_ac_mets	0.026881	3.79e-01	0.5382
ndrinks11to2	0.007784	3.17e-02	0.8587
ndrinks13+	0.034929	6.60e-01	0.4165
diur2.Past	0.016220	1.36e-01	0.7118
diur3.Current	0.037109	7.22e-01	0.3955
GLOBAL	NA	1.46e+01	0.8793

HDL

age\_exit,as.numeric(GOUT))~BMKt\_hdl+eth+sex+strata(dash\_q)+bmi\_3c+edul+nkids\_4c+foreignborn+married+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur

	rho	chisq	p
BMKt_hdl(38,50]	0.02583	3.51e-01	0.5536
BMKt_hdl(50,205]	0.01194	7.13e-02	0.7895
ethH	-0.00106	5.51e-04	0.9813
ethJ	-0.00385	7.86e-03	0.9293
ethL	0.01647	1.36e-01	0.7118
ethw	-0.00432	9.91e-03	0.9207
sexM	-0.06611	2.28e+00	0.1309
bmi_3c2.Overweight	-0.01266	8.83e-02	0.7664
bmi_3c3.obese	-0.07797	3.32e+00	0.0686
edu12	-0.04323	9.29e-01	0.3350
edu13	-0.08505	3.50e+00	0.0612
nkids_4c2.1-2	0.01554	1.27e-01	0.7212
nkids_4c3.3-4	0.03182	5.22e-01	0.4699
nkids_4c4.5+	0.05350	1.46e+00	0.2263
foreignborn2.Foreign	0.01166	6.62e-02	0.7969
married2.notMarried	0.02625	3.66e-01	0.5454
Q1_smokstat1	0.00244	3.11e-03	0.9555
Q1_smokstat2	-0.03223	5.53e-01	0.4569
C_suppl2.Yes	0.00941	4.41e-02	0.8337
Q1_ac_mets	0.03854	7.72e-01	0.3795
ndrinks11to2	0.00304	4.93e-03	0.9440
ndrinks13+	0.03529	6.67e-01	0.4141
diur2.Past	0.02162	2.44e-01	0.6213
diur3.Current	0.04713	1.17e+00	0.2790
GLOBAL	NA	1.93e+01	0.7340

LDL

age\_exit,as.numeric(GOUT))~BMKt\_ldl+eth+sex+strata(dash\_q)+bmi\_3c+edul+nkids\_4c+foreignborn+married+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur

	rho	chisq	p
BMKt_ldl(108,138]	0.017269	1.56e-01	0.6924
BMKt_ldl(138,364]	0.014882	1.16e-01	0.7333
ethH	0.002778	3.86e-03	0.9505
ethJ	0.000509	1.38e-04	0.9906
ethL	0.020966	2.23e-01	0.6369
ethw	-0.000877	4.13e-04	0.9838
sexM	-0.069547	2.49e+00	0.1143
bmi_3c2.Overweight	-0.007560	3.10e-02	0.8602
bmi_3c3.obese	-0.078261	3.36e+00	0.0666
edu12	-0.036022	6.38e-01	0.4245
edu13	-0.088552	3.77e+00	0.0522
nkids_4c2.1-2	0.019619	2.00e-01	0.6549
nkids_4c3.3-4	0.034606	6.09e-01	0.4351
nkids_4c4.5+	0.057969	1.70e+00	0.1926
foreignborn2.Foreign	0.008583	3.56e-02	0.8503
married2.notMarried	0.027905	4.12e-01	0.5209
Q1_smokstat1	0.002788	4.07e-03	0.9491
Q1_smokstat2	-0.036058	6.94e-01	0.4046
C_suppl2.Yes	0.004025	8.04e-03	0.9285
Q1_ac_mets	0.028347	4.14e-01	0.5197
ndrinks11to2	-0.007227	2.71e-02	0.8693
ndrinks13+	0.031204	5.27e-01	0.4680
diur2.Past	0.008437	3.68e-02	0.8479
diur3.Current	0.045102	1.06e+00	0.3031
GLOBAL	NA	1.95e+01	0.7223

TG

age\_exit,as.numeric(GOUT))~BMKt\_tg+  
+sex+strata(dash\_q)+bmi\_3c+edul+nkids\_4c+foreignborn+m  
arried+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur

	rho	chisq	p
BMKt_tg(83,131]	-0.05685	1.67884	0.1951
BMKt_tg(131,1e+03]	-0.07937	3.34974	0.0672
ethH	0.01163	0.06825	0.7939
ethJ	0.01196	0.07723	0.7811
ethL	0.03204	0.52882	0.4671
ethw	0.00346	0.00642	0.9362
sexM	-0.07148	2.66632	0.1025
bmi_3c2.Overweight	-0.00958	0.04995	0.8232
bmi_3c3.obese	-0.07554	3.15090	0.0759
edu12	-0.03587	0.63998	0.4237
edu13	-0.08645	3.63522	0.0566
nkids_4c2.1-2	0.01609	0.13642	0.7119
nkids_4c3.3-4	0.03726	0.71834	0.3967
nkids_4c4.5+	0.05736	1.68920	0.1937
foreignborn2.Foreign	0.01222	0.07304	0.7870
married2.notMarried	0.02723	0.39209	0.5312
Q1_smokstat1	0.00965	0.04928	0.8243
Q1_smokstat2	-0.02594	0.36227	0.5472
C_suppl2.Yes	0.00666	0.02216	0.8817
Q1_ac_mets	0.03689	0.70464	0.4012
ndrinks11to2	-0.00402	0.00852	0.9265
ndrinks13+	0.03255	0.57558	0.4481
diur2.Past	0.02438	0.31288	0.5759
diur3.Current	0.04374	1.02329	0.3117
GLOBAL	NA	22.76463	0.5337

aTOC

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~BMKt\_at+et  
h+strata(sex,dash\_q)+bmi\_3c+edul+nkids\_4c+foreignborn+m  
arried+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur,da  
ta=gout3),dec=2)

	rho	chisq	p
BMKt_at(7.32e+03,1.06e+04]	0.05701	1.45520	0.228
BMKt_at(1.06e+04,1.24e+05]	-0.01731	0.13816	0.710
ethH	0.00501	0.01029	0.919
ethJ	-0.00247	0.00268	0.959
ethL	0.02937	0.32392	0.569
ethw	-0.00311	0.00436	0.947
bmi_3c2.Overweight	-0.02299	0.23719	0.626
bmi_3c3.obese	-0.06613	2.00501	0.157
edu12	-0.07145	2.14843	0.143
edu13	-0.09169	3.45534	0.063
nkids_4c2.1-2	0.02707	0.32925	0.566
nkids_4c3.3-4	0.04238	0.77630	0.378
nkids_4c4.5+	0.04363	0.81595	0.366
foreignborn2.Foreign	-0.02518	0.24118	0.623
married2.notMarried	0.00769	0.02528	0.874
Q1_smokstat1	0.02765	0.33804	0.561
Q1_smokstat2	0.01756	0.14302	0.705
C_suppl2.Yes	0.02342	0.23084	0.631
Q1_ac_mets	0.06433	1.89631	0.168
ndrinks11to2	-0.02656	0.30850	0.579
ndrinks13+	0.01566	0.11314	0.737
diur2.Past	0.03432	0.51890	0.471
diur3.Current	0.05922	1.58780	0.208
GLOBAL	NA	16.40139	0.838

γTOC

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~BMKt\_gt+et  
h+sex+strata(dash\_q)+bmi\_3c+edul+nkids\_4c+foreignborn+m  
arried+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur,  
data=gout3),dec=2)

	rho	chisq	p
BMKt_gt(1.32e+03,2.04e+03]	-0.07295	2.32155	0.1276
BMKt_gt(2.04e+03,4.67e+04]	-0.05457	1.24617	0.2643
ethH	0.00457	0.00861	0.9261
ethJ	-0.01684	0.12266	0.7262
ethL	0.01493	0.08289	0.7734
ethw	-0.00749	0.02522	0.8738
sexM	-0.09091	3.61991	0.0571
bmi_3c2.Overweight	-0.01787	0.14544	0.7029
bmi_3c3.obese	-0.07439	2.51227	0.1130
edu12	-0.06709	1.89303	0.1689
edu13	-0.08816	3.21508	0.0730
nkids_4c2.1-2	0.00372	0.00616	0.9374
nkids_4c3.3-4	0.02622	0.29811	0.5851
nkids_4c4.5+	0.01671	0.12262	0.7262
foreignborn2.Foreign	-0.02737	0.28717	0.5920
married2.notMarried	0.00393	0.00675	0.9345
Q1_smokstat1	0.02366	0.25277	0.6151
Q1_smokstat2	0.01003	0.04749	0.8275
C_suppl2.Yes	0.01835	0.14172	0.7066
Q1_ac_mets	0.07400	2.44980	0.1175
ndrinks11to2	-0.02108	0.19677	0.6573
ndrinks13+	0.02459	0.27488	0.6001
diur2.Past	0.04187	0.77331	0.3792
diur3.Current	0.07425	2.43952	0.1183
GLOBAL	NA	22.02148	0.5780

αCAR

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~BMKt\_ac+et  
h+sex+strata(dash\_q)+bmi\_3c+edul+nkids\_4c+foreignborn+m  
arried+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur,  
data=gout3),dec=2)

	rho	chisq	p
BMKt_ac(45.5,87.2]	0.02023	0.17136	0.6789
BMKt_ac(87.2,3.17e+03]	0.04518	0.87882	0.3485
ethH	0.00748	0.02371	0.8776
ethJ	-0.01246	0.07166	0.7889
ethL	0.02314	0.19851	0.6559
ethw	-0.00424	0.00805	0.9285
sexM	-0.09007	3.59535	0.0579
bmi_3c2.Overweight	-0.01353	0.08215	0.7744
bmi_3c3.obese	-0.06854	2.07418	0.1498
edu12	-0.06747	1.90922	0.1670
edu13	-0.09163	3.44376	0.0635
nkids_4c2.1-2	0.00574	0.01467	0.9036
nkids_4c3.3-4	0.02909	0.36619	0.5451
nkids_4c4.5+	0.02316	0.23469	0.6281
foreignborn2.Foreign	-0.03125	0.37663	0.5394
married2.notMarried	0.00518	0.01174	0.9137
Q1_smokstat1	0.02396	0.25642	0.6126
Q1_smokstat2	0.01335	0.08101	0.7759
C_suppl2.Yes	0.02874	0.33901	0.5604
Q1_ac_mets	0.07233	2.36624	0.1240
ndrinks11to2	-0.01929	0.16492	0.6847
ndrinks13+	0.02972	0.40801	0.5230
diur2.Past	0.04548	0.91047	0.3400
diur3.Current	0.07569	2.54515	0.1106
GLOBAL	NA	21.03853	0.6365



*βCAR*

age\_exit,as.numeric(GOUT))~BMKt\_bc+eth+sex+strata(dash\_q)+bmi\_3c+edu1+nkids\_4c+foreignborn+married+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur

	rho	chisq	p
BMKt_bc(169,352]	0.05022	1.03616	0.3087
BMKt_bc(352,1.13e+04]	0.03453	0.47338	0.4914
ethH	0.01207	0.06023	0.8061
ethJ	-0.00775	0.02711	0.8692
ethL	0.01904	0.13483	0.7135
ethw	-0.00176	0.00138	0.9703
sexM	-0.08494	3.19127	0.0740
bmi_3c2.Overweight	-0.01329	0.07812	0.7799
bmi_3c3.obese	-0.06776	2.04333	0.1529
edu12	-0.07067	2.08909	0.1484
edu13	-0.09290	3.51884	0.0607
nkids_4c2.1-2	0.00848	0.03216	0.8577
nkids_4c3.3-4	0.02945	0.37672	0.5394
nkids_4c4.5+	0.02297	0.22950	0.6319
foreignborn2.Foreign	-0.02550	0.24728	0.6190
married2.notMarried	0.00632	0.01745	0.8949
Q1_smokstat1	0.02600	0.30243	0.5824
Q1_smokstat2	0.01448	0.09752	0.7548
C_suppl2.Yes	0.02786	0.31915	0.5721
Q1_ac_mets	0.07556	2.55700	0.1098
ndrinks11to2	-0.01831	0.14818	0.7003
ndrinks13+	0.03228	0.48031	0.4883
diur2.Past	0.04515	0.89709	0.3436
diur3.Current	0.07185	2.28108	0.1310
GLOBAL	NA	20.56379	0.6643

*ADI*

age\_exit,as.numeric(GOUT))~BMKt\_adi+eth+sex+strata(dash\_q)+bmi\_3c+edu1+nkids\_4c+foreignborn+married+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur

	rho	chisq	p
BMKt_adi(5.06,9.05]	-0.05012	1.29776	0.2546
BMKt_adi(9.05,26.5]	0.06271	2.04777	0.1524
ethH	-0.00333	0.00557	0.9405
ethJ	-0.00222	0.00264	0.9590
ethL	0.00988	0.04942	0.8241
ethw	-0.01653	0.14659	0.7018
sexM	-0.05267	1.46642	0.2259
bmi_3c2.Overweight	-0.00493	0.01359	0.9072
bmi_3c3.obese	-0.07195	2.87569	0.0899
edu12	-0.03839	0.73667	0.3907
edu13	-0.07973	3.10101	0.0782
nkids_4c2.1-2	0.01802	0.17057	0.6796
nkids_4c3.3-4	0.03570	0.65752	0.4174
nkids_4c4.5+	0.06310	2.04346	0.1529
foreignborn2.Foreign	0.00967	0.04532	0.8314
married2.notMarried	0.02155	0.24613	0.6198
Q1_smokstat1	0.00517	0.01408	0.9056
Q1_smokstat2	-0.02738	0.40294	0.5256
C_suppl2.Yes	0.00300	0.00451	0.9465
Q1_ac_mets	0.03031	0.48084	0.4880
ndrinks11to2	-0.00434	0.00984	0.9210
ndrinks13+	0.02602	0.36777	0.5442
diur2.Past	0.02047	0.21969	0.6393
diur3.Current	0.04452	1.04598	0.3064
GLOBAL	NA	24.21530	0.4493

*LEP*

effCI(coxph(Surv(age\_exit,as.numeric(GOUT))~BMKt\_lep+eth+sex+strata(dash\_q)+bmi\_3c+edu1+nkids\_4c+foreignborn+married+Q1\_smokstat+C\_suppl+Q1\_ac\_mets+ndrinks1+diur,data=gout3),dec=2)

	rho	chisq	p
BMKt_lep(7.68e+03,2.06e+04]	-0.004648	1.16e-02	0.9144
BMKt_lep(2.06e+04,1.06e+05]	-0.015881	1.30e-01	0.7184
ethH	-0.000243	2.96e-05	0.9957
ethJ	-0.002784	4.17e-03	0.9485
ethL	0.018845	1.81e-01	0.6708
ethw	-0.004864	1.26e-02	0.9106
sexM	-0.069499	2.57e+00	0.1091
bmi_3c2.Overweight	-0.013917	1.08e-01	0.7426
bmi_3c3.obese	-0.075587	3.05e+00	0.0807
edu12	-0.040220	8.11e-01	0.3678
edu13	-0.081252	3.23e+00	0.0723
nkids_4c2.1-2	0.016217	1.38e-01	0.7099
nkids_4c3.3-4	0.034986	6.30e-01	0.4275
nkids_4c4.5+	0.056772	1.66e+00	0.1972
foreignborn2.Foreign	0.007828	3.00e-02	0.8625
married2.notMarried	0.024252	3.15e-01	0.5748
Q1_smokstat1	0.008648	3.93e-02	0.8428
Q1_smokstat2	-0.025268	3.43e-01	0.5584
C_suppl2.Yes	0.001335	8.97e-04	0.9761
Q1_ac_mets	0.028421	4.25e-01	0.5147
ndrinks11to2	-0.006174	2.01e-02	0.8873
ndrinks13+	0.025649	3.62e-01	0.5476
diur2.Past	0.021228	2.36e-01	0.6268
diur3.Current	0.047930	1.22e+00	0.2700
GLOBAL	NA	1.90e+01	0.7494