Results tables

Contents

This report prints the restuls tables from estimated models

Relies on the previous execution of the following scripts: - `./reports/report-governor`- `./models/../compile-models.R` - `./models/../compile-tables.R`

```r
# prepared by Ellis Island and ./reports/report-governor.R
dto <- readRDS("./data/unshared/derived/dto_h.rds")

# prepared by ../compile-models.R
models_pooled <- readRDS("./data/shared/derived/models/models_pooled.rds")# glm objects
subset_pooled <- readRDS("./data/shared/derived/models/subset_pooled.rds")# glmulti objects

models_local <- readRDS("./data/shared/derived/models/models_local.rds")
subset_local <- readRDS("./data/shared/derived/models/subset_local.rds")

# prepared by ../compile-tables.R
tables_pooled <- readRDS("./data/shared/derived/tables/tables_pooled.rds")
tables_bw_pooled <- readRDS("./data/shared/derived/tables/tables_bw_pooled.rds")
tables_local <- readRDS("./data/shared/derived/tables/tables_local.rds")
tables_bw_local <- readRDS("./data/shared/derived/tables/tables_bw_local.rds")

ds_within <- readRDS("./data/shared/derived/tables/ds_within.rds")
ds_between <- readRDS("./data/shared/derived/tables/ds_between.rds")
```

Guide to Models

Each of the following models (`A`, `B`, `AA`, and `BB`) are fitted to the data from each study separately. When fitted to the pooled data, an additional predictor, `study_name` is added after the intercept.

predictors/model	A	B	AA	BB	best

predictors/model	A	B	AA	BB	best
age	age_in_years_70	age_in_years_70	age_in_years_70	age_in_years_70	?
sex	female	female	female	female	?
education	educ3	educ3	educ3	educ3	?
marital status	single	single	single	single	?
health		poor_health		poor_health	?
physical activity		sedentary		sedentary	?
employment		current_work		current_work	?
alcohol use		current_drink_2		current_drink_2	?
INTERACTIONS	*NONE*	*NONE*	*ALL PAIRWISE*	*ALL PAIRWISE*	?

Odds-ratios with 95% confidence intervals are reported. The model labeled "best" represents the solution suggested by the top ranked model from the best subset search propelled by genetic algorithm with AICC as the guiding selection criteria.

Dynamic tables

Between models

The following table reports comparison across five model types (A, B, AA, BB, best) and six datasets (alsa, lbsl, satsa, share, tilda, pooled). You can think of this as multiple tables stacked on top of each other. You select a single table by choosing the value for `study_name`. (you may need to adjust the number of entries to view, at the top left of the dynamic table).

Within models

The following table reports estimates and odds from every model that has been fit during the exercise. You can think of this as multiple tables of various heights stacked on top of each other. You select a single table by chosing the values for `study_name` and `model_type`. (you may need to adjust the number of entries to view, at the top left of the dynamic table)

Static tables

pooled

BETWEEN

coef_name	A	B	AA	BB
(Intercept)	.16(.14,.19)***	.1(.08,.12)***	.16(.13,.19)***	.11(.08,.16)***
study_name_f(LBLS)	.86(.63,1.15)	.93(.68,1.26)	.99(.72,1.35)	1.06(.76,1.45)
study_name_f(SATSA)	1.32(1.05,1.65)*	1.24(.98,1.55).	1.47(1.17,1.86)**	1.26(.99,1.61).
study_name_f(SHARE)	.91(.75,1.11)	1.14(.93,1.41)	1.04(.84,1.28)	1.2(.96,1.51)
study_name_f(TILDA)	.85(.71,1.03).	.97(.8,1.18)	.95(.78,1.17)	1.03(.83,1.27)
age_in_years_70	.96(.96,.97)***	.96(.95,.96)***	.97(.96,.99)***	.97(.96,.99)**

coef_name	A	B	AA	BB
femaleTRUE	.81(.73,.89)***	.81(.73,.9)***	.77(.62,.94)*	.78(.59,1.03).
educ3_f(< HS)	1.22(1.08,1.37)***	1.18(1.05,1.32)**	1.14(.94,1.38)	.97(.72,1.31)
educ3_f(HS <)	.77(.66,.91)**	.8(.68,.93)**	.77(.6,.99)*	.87(.59,1.28)
singleTRUE	1.48(1.33,1.65)***	1.49(1.33,1.66)***	1.4(1.1,1.78)**	1.35(.97,1.87).
poor_healthTRUE		1.26(1.13,1.4)***		1.29(.95,1.74).
sedentaryTRUE		1.45(1.29,1.62)***		1.4(1.02,1.92)*
current_work_2TRUE		.71(.63,.81)***		.82(.56,1.2)
current_drinkTRUE		1.53(1.36,1.71)***		1.26(.96,1.67).
age_in_years_70:femaleTRUE			.98(.97,.99)***	.99(.98,1)*
age_in_years_70:educ3_f(< HS)			1(.99,1.01)	1(.98,1.01)
age_in_years_70:educ3_f(HS <)			1.02(1.01,1.04)**	1.02(1,1.03)
age_in_years_70:singleTRUE			.99(.98,1)*	.99(.98,1)
age_in_years_70:poor_healthTRUE				1(.99,1.01)
age_in_years_70:sedentaryTRUE				1(.98,1.01)
age_in_years_70:current_work_2TRUE				1.01(.99,1.02)
age_in_years_70:current_drinkTRUE				.99(.98,1).
femaleTRUE:educ3_f(< HS)			.96(.77,1.21)	.98(.78,1.24)
femaleTRUE:educ3_f(HS <)			1.2(.87,1.65)	1.18(.85,1.63)
femaleTRUE:singleTRUE			.85(.68,1.06)	.9(.72,1.13)
femaleTRUE:poor_healthTRUE				1.06(.85,1.33)
femaleTRUE:sedentaryTRUE				.84(.67,1.05)
femaleTRUE:current_work_2TRUE				1.19(.91,1.54)
femaleTRUE:current_drinkTRUE				.95(.76,1.18)
educ3_f(< HS):singleTRUE			1.23(.95,1.58)	1.26(.97,1.63).
educ3_f(HS <):singleTRUE			1(.71,1.41)	.99(.7,1.41)
educ3_f(< HS):poor_healthTRUE				1.33(1.03,1.71)*
educ3_f(HS <):poor_healthTRUE				.86(.61,1.22)
educ3_f(< HS):sedentaryTRUE				1.16(.9,1.51)
educ3_f(HS <):sedentaryTRUE				1.05(.73,1.49)
educ3_f(< HS):current_work_2TRUE				.88(.67,1.17)
educ3_f(HS <):current_work_2TRUE				.82(.54,1.25)
educ3_f(< HS):current_drinkTRUE				1.01(.79,1.3)
educ3_f(HS <):current_drinkTRUE				.99(.71,1.38)
singleTRUE:poor_healthTRUE				.83(.65,1.05)
singleTRUE:sedentaryTRUE				.89(.69,1.14)
singleTRUE:current_work_2TRUE				.92(.69,1.23)
singleTRUE:current_drinkTRUE				1.24(.98,1.58).
poor_healthTRUE:sedentaryTRUE				.76(.6,.96)*
poor_healthTRUE:current_work_2TRUE				.82(.62,1.09)
poor_healthTRUE:current_drinkTRUE				1.03(.83,1.3)
sedentaryTRUE:current_work_2TRUE				1.15(.86,1.53)
sedentaryTRUE:current_drinkTRUE				1.2(.95,1.51)
current_work_2TRUE:current_drinkTRUE				.99(.76,1.31)

A

solution of model **A** fit to combined and harmonized data from **ALL** studies

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5326.851	10653.7	10673.7	10747.9	12327	12318	9

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.16	(.14,.19)	-1.82	.09	0.0000	<=.001
	study_name_f(LBLS)	.86	(.63,1.15)	-.16	.16	0.3147	> .10
	study_name_f(SATSA)	1.32	(1.05,1.65)	.28	.11	0.0162	<=.05
	study_name_f(SHARE)	.85	(.69,1.04)	-.17	.1	0.1029	> .10
.	study_name_f(TILDA)	.85	(.71,1.03)	-.16	.1	0.0979	<=.10
*	age_in_years_70	.96	(.96,.97)	-.04	0	0.0000	<=.001
*	femaleTRUE	.81	(.73,.89)	-.21	.05	0.0000	<=.001
*	educ3_f(< HS)	1.22	(1.08,1.37)	.2	.06	0.0010	<=.001
	educ3_f(HS <)	.77	(.66,.91)	-.26	.08	0.0019	<=.01
*	singleTRUE	1.48	(1.33,1.65)	.39	.06	0.0000	<=.001

B

solution of model **B** fit to combined and harmonized data from **ALL** studies

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5258.86	10517.72	10545.7	10649.6	12327	12314	13

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.1	(.08,.12)	-2.29	.11	0.0000	<=.001
	study_name_f(LBLS)	.93	(.68,1.26)	-.07	.16	0.6513	> .10
.	study_name_f(SATSA)	1.24	(.98,1.55)	.21	.12	0.0687	<=.10
	study_name_f(SHARE)	1.04	(.85,1.29)	.04	.11	0.6868	> .10
	study_name_f(TILDA)	.97	(.8,1.18)	-.03	.1	0.7660	> .10
*	age_in_years_70	.96	(.95,.96)	-.05	0	0.0000	<=.001
*	femaleTRUE	.81	(.73,.9)	-.21	.05	0.0000	<=.001
	educ3_f(< HS)	1.18	(1.05,1.32)	.16	.06	0.0068	<=.01
	educ3_f(HS <)	.8	(.68,.93)	-.23	.08	0.0054	<=.01
*	singleTRUE	1.49	(1.33,1.66)	.4	.06	0.0000	<=.001
*	poor_healthTRUE	1.26	(1.13,1.4)	.23	.06	0.0000	<=.001
*	sedentaryTRUE	1.45	(1.29,1.62)	.37	.06	0.0000	<=.001
*	current_work_2TRUE	.71	(.63,.81)	-.34	.06	0.0000	<=.001
*	current_drinkTRUE	1.53	(1.36,1.71)	.42	.06	0.0000	<=.001

AA

solution of model **AA** fit to combined and harmonized data from **ALL** studies

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5308.01	10616.02	10654	10795	12327	12309	18

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.16	(.13,.19)	-1.85	.1	0.0000	<=.001
	study_name_f(LBLS)	.98	(.72,1.34)	-.02	.16	0.9165	> .10
	study_name_f(SATSA)	1.48	(1.17,1.87)	.39	.12	0.0011	<=.01
	study_name_f(SHARE)	.97	(.78,1.2)	-.03	.11	0.7592	> .10

sign	coef_name	odds	odds_ci	est	se	p	sign_
	study_name_f(TILDA)	.95	(.78,1.17)	-.05	.1	0.6355	> .10
*	age_in_years_70	.97	(.96,.98)	-.03	.01	0.0000	<=.001
	femaleTRUE	.76	(.61,.93)	-.28	.11	0.0085	<=.01
	educ3_f(< HS)	1.13	(.93,1.38)	.13	.1	0.2101	> .10
.	educ3_f(HS <)	.79	(.61,1.01)	-.24	.13	0.0573	<=.10
	singleTRUE	1.4	(1.09,1.78)	.34	.12	0.0068	<=.01
*	age_in_years_70:femaleTRUE	.98	(.97,.99)	-.02	0	0.0003	<=.001
	age_in_years_70:educ3_f(< HS)	1	(.99,1.01)	0	.01	0.5561	> .10
	age_in_years_70:educ3_f(HS <)	1.02	(1.01,1.03)	.02	.01	0.0055	<=.01
	age_in_years_70:singleTRUE	.99	(.98,1)	-.01	0	0.0492	<=.05
	femaleTRUE:educ3_f(< HS)	.97	(.77,1.21)	-.03	.11	0.7734	> .10
	femaleTRUE:educ3_f(HS <)	1.19	(.87,1.64)	.17	.16	0.2837	> .10
	femaleTRUE:singleTRUE	.85	(.68,1.06)	-.16	.11	0.1525	> .10
	educ3_f(< HS):singleTRUE	1.23	(.95,1.58)	.2	.13	0.1111	> .10
	educ3_f(HS <):singleTRUE	1	(.7,1.41)	0	.18	0.9885	> .10

BB

solution of model **BB** fit to combined and harmonized data from **ALL** studies

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5221.406	10442.81	10540.8	10904.4	12327	12279	48

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.11	(.08,.16)	-2.17	.17	0.0000	<=.001
	study_name_f(LBLS)	1.05	(.76,1.43)	.04	.16	0.7829	> .10
.	study_name_f(SATSA)	1.26	(.99,1.61)	.23	.13	0.0659	<=.10
	study_name_f(SHARE)	1.1	(.88,1.39)	.1	.12	0.4007	> .10
	study_name_f(TILDA)	1.03	(.83,1.27)	.03	.11	0.8043	> .10
*	age_in_years_70	.97	(.95,.99)	-.03	.01	0.0007	<=.001
.	femaleTRUE	.77	(.58,1.01)	-.26	.14	0.0610	<=.10
	educ3_f(< HS)	.97	(.72,1.31)	-.03	.15	0.8408	> .10
	educ3_f(HS <)	.89	(.61,1.31)	-.11	.2	0.5667	> .10
.	singleTRUE	1.35	(.97,1.86)	.3	.17	0.0746	<=.10
.	poor_healthTRUE	1.3	(.96,1.75)	.26	.15	0.0882	<=.10
	sedentaryTRUE	1.4	(1.01,1.92)	.33	.16	0.0408	<=.05
	current_work_2TRUE	.82	(.56,1.2)	-.2	.2	0.3020	> .10
	current_drinkTRUE	1.25	(.95,1.65)	.22	.14	0.1184	> .10
	age_in_years_70:femaleTRUE	.99	(.98,1)	-.01	.01	0.0245	<=.05
	age_in_years_70:educ3_f(< HS)	1	(.98,1.01)	0	.01	0.5821	> .10
	age_in_years_70:educ3_f(HS <)	1.01	(1,1.03)	.01	.01	0.1425	> .10
	age_in_years_70:singleTRUE	.99	(.98,1.01)	-.01	.01	0.2926	> .10
	age_in_years_70:poor_healthTRUE	1	(.99,1.01)	0	.01	0.6316	> .10
	age_in_years_70:sedentaryTRUE	1	(.98,1.01)	0	.01	0.5225	> .10
	age_in_years_70:current_work_2TRUE	1.01	(.99,1.02)	.01	.01	0.3672	> .10
.	age_in_years_70:current_drinkTRUE	.99	(.98,1)	-.01	.01	0.0899	<=.10
	femaleTRUE:educ3_f(< HS)	.99	(.78,1.24)	-.01	.12	0.9049	> .10
	femaleTRUE:educ3_f(HS <)	1.17	(.85,1.61)	.16	.16	0.3414	> .10
	femaleTRUE:singleTRUE	.9	(.72,1.13)	-.1	.12	0.3702	> .10

sign	coef_name	odds	odds_ci	est	se	p	sign__
	femaleTRUE:poor_healthTRUE	1.06	(.85,1.33)	.06	.11	0.5916	> .10
	femaleTRUE:sedentaryTRUE	.84	(.67,1.05)	-.17	.11	0.1330	> .10
	femaleTRUE:current_work_2TRUE	1.19	(.91,1.54)	.17	.13	0.1983	> .10
	femaleTRUE:current_drinkTRUE	.95	(.77,1.18)	-.05	.11	0.6647	> .10
.	educ3_f(< HS):singleTRUE	1.26	(.97,1.63)	.23	.13	0.0817	<=.10
	educ3_f(HS <):singleTRUE	.99	(.7,1.4)	-.01	.18	0.9501	> .10
	educ3_f(< HS):poor_healthTRUE	1.33	(1.03,1.71)	.28	.13	0.0279	<=.05
	educ3_f(HS <):poor_healthTRUE	.86	(.61,1.22)	-.15	.18	0.4105	> .10
	educ3_f(< HS):sedentaryTRUE	1.17	(.9,1.51)	.15	.13	0.2488	> .10
	educ3_f(HS <):sedentaryTRUE	1.05	(.73,1.49)	.05	.18	0.7971	> .10
	educ3_f(< HS):current_work_2TRUE	.89	(.67,1.17)	-.12	.14	0.3982	> .10
	educ3_f(HS <):current_work_2TRUE	.81	(.53,1.23)	-.21	.22	0.3220	> .10
	educ3_f(< HS):current_drinkTRUE	1.02	(.8,1.3)	.02	.13	0.8742	> .10
	educ3_f(HS <):current_drinkTRUE	.98	(.71,1.37)	-.02	.17	0.9217	> .10
	singleTRUE:poor_healthTRUE	.82	(.65,1.04)	-.2	.12	0.1022	> .10
	singleTRUE:sedentaryTRUE	.89	(.69,1.14)	-.12	.13	0.3496	> .10
	singleTRUE:current_work_2TRUE	.93	(.7,1.25)	-.07	.15	0.6386	> .10
.	singleTRUE:current_drinkTRUE	1.25	(.99,1.59)	.22	.12	0.0672	<=.10
	poor_healthTRUE:sedentaryTRUE	.76	(.6,.96)	-.28	.12	0.0200	<=.05
	poor_healthTRUE:current_work_2TRUE	.83	(.63,1.11)	-.18	.15	0.2173	> .10
	poor_healthTRUE:current_drinkTRUE	1.03	(.82,1.29)	.03	.11	0.7887	> .10
	sedentaryTRUE:current_work_2TRUE	1.15	(.86,1.53)	.14	.15	0.3333	> .10
	sedentaryTRUE:current_drinkTRUE	1.2	(.96,1.52)	.19	.12	0.1158	> .10
	current_work_2TRUE:current_drinkTRUE	.99	(.75,1.3)	-.01	.14	0.9172	> .10

best

solution of model **best** fit to combined and harmonized data from **ALL** studies

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5143.964	10287.93	10407.9	10853.1	12327	12268	59

sign	coef_name	odds	odds_ci	est	se	p	sign__
***	(Intercept)	.12	(.08,.19)	-2.1	.24	0.0000	<=.001
	study_name_f(LBLS)	.75	(.3,1.8)	-.29	.45	0.5297	> .10
	study_name_f(SATSA)	.56	(.24,1.26)	-.58	.42	0.1644	> .10
	study_name_f(SHARE)	1.36	(.79,2.37)	.31	.28	0.2682	> .10
.	study_name_f(TILDA)	.61	(.36,1.04)	-.5	.27	0.0647	<=.10
	educ3_f(< HS)	1.28	(.8,2.03)	.25	.24	0.2933	> .10
	educ3_f(HS <)	.94	(.61,1.46)	-.06	.22	0.7940	> .10
*	age_in_years_70	.96	(.93,.98)	-.04	.01	0.0008	<=.001
	femaleTRUE	.67	(.49,.92)	-.39	.16	0.0141	<=.05
	singleTRUE	1.4	(1,1.95)	.34	.17	0.0486	<=.05
	poor_healthTRUE	1.35	(.92,1.96)	.3	.19	0.1241	> .10
	sedentaryTRUE	1.28	(.94,1.75)	.25	.16	0.1169	> .10
.	current_work_2TRUE	2.25	(.8,5.41)	.81	.48	0.0905	<=.10
	current_drinkTRUE	1.35	(.94,1.96)	.3	.19	0.1113	> .10
	study_name_f(LBLS):educ3_f(< HS)	1.33	(.5,3.46)	.29	.49	0.5555	> .10
	study_name_f(SATSA):educ3_f(< HS)	1.16	(.6,2.31)	.15	.34	0.6570	> .10

sign	coef_name	odds	odds_ci	est	se	p	sign_
	study_name_f(SHARE):educ3_f(< HS)	.81	(.5,1.35)	-.21	.25	0.4194	> .10
	study_name_f(TILDA):educ3_f(< HS)	1.12	(.71,1.77)	.11	.23	0.6326	> .10
	study_name_f(LBLS):educ3_f(HS <)	1.11	(.54,2.32)	.1	.37	0.7807	> .10
	study_name_f(SATSA):educ3_f(HS <)	1.29	(.58,2.87)	.26	.41	0.5244	> .10
	study_name_f(SHARE):educ3_f(HS <)	1.08	(.66,1.75)	.07	.25	0.7619	> .10
	study_name_f(TILDA):educ3_f(HS <)	.47	(.26,.81)	-.76	.29	0.0079	<=.01
*	age_in_years_70:femaleTRUE	.98	(.97,.99)	-.02	.01	0.0001	<=.001
	singleTRUE:poor_healthTRUE	.83	(.66,1.05)	-.18	.12	0.1165	> .10
	poor_healthTRUE:sedentaryTRUE	.76	(.59,.96)	-.28	.12	0.0220	<=.05
	poor_healthTRUE:current_work_2TRUE	.81	(.63,1.05)	-.21	.13	0.1209	> .10
	study_name_f(LBLS):age_in_years_70	1.02	(.99,1.06)	.02	.02	0.2339	> .10
	study_name_f(SATSA):age_in_years_70	1	(.97,1.03)	0	.02	0.9971	> .10
*	study_name_f(SHARE):age_in_years_70	1.06	(1.03,1.09)	.06	.01	0.0001	<=.001
	study_name_f(TILDA):age_in_years_70	1	(.97,1.02)	0	.01	0.7631	> .10
.	study_name_f(LBLS):femaleTRUE	1.83	(.95,3.53)	.6	.33	0.0710	<=.10
	study_name_f(SATSA):femaleTRUE	.57	(.37,.89)	-.56	.23	0.0143	<=.05
	study_name_f(SHARE):femaleTRUE	1.39	(.93,2.1)	.33	.21	0.1121	> .10
	study_name_f(TILDA):femaleTRUE	1.13	(.78,1.64)	.12	.19	0.5270	> .10
	study_name_f(LBLS):singleTRUE	1.4	(.74,2.66)	.34	.32	0.2956	> .10
	study_name_f(SATSA):singleTRUE	1.27	(.82,1.98)	.24	.23	0.2921	> .10
.	study_name_f(SHARE):singleTRUE	.68	(.44,1.05)	-.39	.22	0.0803	<=.10
.	study_name_f(TILDA):singleTRUE	1.4	(.98,2.02)	.34	.18	0.0674	<=.10
	study_name_f(LBLS):poor_healthTRUE	.7	(.36,1.34)	-.35	.33	0.2852	> .10
	study_name_f(SATSA):poor_healthTRUE	1.02	(.63,1.64)	.02	.24	0.9382	> .10
	study_name_f(SHARE):poor_healthTRUE	.72	(.48,1.08)	-.33	.21	0.1078	> .10
	study_name_f(TILDA):poor_healthTRUE	1.19	(.8,1.77)	.17	.2	0.3919	> .10
	study_name_f(LBLS):sedentaryTRUE	2.82	(1.39,5.64)	1.04	.36	0.0037	<=.01
	study_name_f(SATSA):sedentaryTRUE	1.37	(.9,2.08)	.31	.21	0.1402	> .10
	study_name_f(SHARE):sedentaryTRUE	1.08	(.72,1.6)	.08	.2	0.7107	> .10
	study_name_f(TILDA):sedentaryTRUE	1.34	(.94,1.9)	.29	.18	0.1021	> .10
	study_name_f(LBLS):current_work_2TRUE	.56	(.18,1.88)	-.58	.59	0.3254	> .10
.	study_name_f(SATSA):current_work_2TRUE	.39	(.15,1.15)	-.95	.52	0.0658	<=.10
	study_name_f(SHARE):current_work_2TRUE	.53	(.22,1.51)	-.63	.49	0.1961	> .10
	study_name_f(TILDA):current_work_2TRUE	.33	(.13,.92)	-1.11	.48	0.0211	<=.05
	study_name_f(LBLS):current_drinkTRUE	.44	(.23,.85)	-.82	.33	0.0135	<=.05
*	study_name_f(SATSA):current_drinkTRUE	2.59	(1.55,4.35)	.95	.26	0.0003	<=.001
	study_name_f(SHARE):current_drinkTRUE	1.12	(.75,1.67)	.11	.21	0.5790	> .10
	study_name_f(TILDA):current_drinkTRUE	1.19	(.8,1.77)	.18	.2	0.3901	> .10
.	educ3_f(< HS):poor_healthTRUE	1.29	(.98,1.69)	.25	.14	0.0654	<=.10
	educ3_f(HS <):poor_healthTRUE	.87	(.59,1.26)	-.14	.19	0.4600	> .10
	educ3_f(< HS):current_work_2TRUE	.89	(.68,1.15)	-.12	.13	0.3639	> .10
	educ3_f(HS <):current_work_2TRUE	.63	(.42,.94)	-.46	.21	0.0239	<=.05
.	educ3_f(< HS):current_drinkTRUE	.77	(.59,1.02)	-.26	.14	0.0680	<=.10
	educ3_f(HS <):current_drinkTRUE	1.23	(.85,1.79)	.21	.19	0.2805	> .10

alsa

BETWEEN

coef_name	A	B	AA	BB	b
(Intercept)	.19(.14,.26)***	.14(.09,.21)***	.15(.09,.24)***	.18(.07,.42)***	.1
age_in_years_70	.95(.93,.97)***	.95(.93,.97)***	.98(.93,1.03)	.94(.87,1.01)	.9
femaleTRUE	.57(.42,.76)***	.6(.44,.81)***	.96(.53,1.71)	.65(.28,1.56)	
educ3_f(< HS)	1.23(.81,1.84)	1.22(.8,1.82)	1.43(.64,3.1)	1.44(.41,4.83)	
educ3_f(HS <)	1.06(.77,1.45)	1.05(.76,1.44)	1.16(.64,2.11)	1.01(.42,2.43)	
singleTRUE	1.28(.92,1.77)	1.3(.93,1.79)	1.02(.45,2.19)	.69(.23,1.91)	1.
poor_healthTRUE		1.12(.82,1.53)		1.17(.48,2.83)	
sedentaryTRUE		1.16(.85,1.56)		.96(.38,2.35)	
current_work_2TRUE		1.75(.64,4.1)		61.72(.52,19638.03)	
current_drinkTRUE		1.38(1.01,1.92)*		.7(.31,1.64)	
age_in_years_70:femaleTRUE			.92(.87,.98)**	.92(.87,.98)**	.9
age_in_years_70:educ3_f(< HS)			1.02(.95,1.1)	1(.93,1.08)	
age_in_years_70:educ3_f(HS <)			.98(.93,1.04)	.98(.92,1.04)	
age_in_years_70:singleTRUE			1(.95,1.05)	1.01(.95,1.07)	
age_in_years_70:poor_healthTRUE				1(.94,1.06)	
age_in_years_70:sedentaryTRUE				1.01(.96,1.07)	
age_in_years_70:current_work_2TRUE				.75(.47,1.02)	
age_in_years_70:current_drinkTRUE				1.05(.99,1.12).	.9
femaleTRUE:educ3_f(< HS)			.45(.16,1.18)	.31(.1,.89)*	
femaleTRUE:educ3_f(HS <)			.78(.39,1.53)	.72(.35,1.47)	
femaleTRUE:singleTRUE			1.7(.84,3.54)	2.1(1,4.55).	
femaleTRUE:poor_healthTRUE				1.36(.66,2.79)	
femaleTRUE:sedentaryTRUE				1.35(.67,2.76)	
femaleTRUE:current_work_2TRUE				.14(0,4)	
femaleTRUE:current_drinkTRUE				1.39(.66,2.92)	
educ3_f(< HS):singleTRUE			.74(.28,1.93)	.88(.32,2.41)	
educ3_f(HS <):singleTRUE			1.37(.67,2.84)	1.33(.63,2.86)	
educ3_f(< HS):poor_healthTRUE				.99(.4,2.46)	
educ3_f(HS <):poor_healthTRUE				.77(.37,1.57)	
educ3_f(< HS):sedentaryTRUE				2.71(1.11,6.82)*	
educ3_f(HS <):sedentaryTRUE				1.1(.54,2.24)	
educ3_f(< HS):current_work_2TRUE				1.09(.03,37.99)	
educ3_f(HS <):current_work_2TRUE				.46(.02,6.09)	
educ3_f(< HS):current_drinkTRUE				.67(.26,1.75)	
educ3_f(HS <):current_drinkTRUE				1.38(.65,2.93)	
singleTRUE:poor_healthTRUE				1.1(.53,2.28)	
singleTRUE:sedentaryTRUE				.63(.3,1.28)	
singleTRUE:current_work_2TRUE				2.3(.17,38.18)	
singleTRUE:current_drinkTRUE				1.63(.76,3.59)	1.
poor_healthTRUE:sedentaryTRUE				.72(.37,1.42)	
poor_healthTRUE:current_work_2TRUE				8.41(.69,204.5)	
poor_healthTRUE:current_drinkTRUE				1.01(.5,2.07)	
sedentaryTRUE:current_work_2TRUE				3.27(.31,51.92)	
sedentaryTRUE:current_drinkTRUE				1.02(.51,2.05)	
current_work_2TRUE:current_drinkTRUE				.02(0,.81).	

A

solution of model **A** fit to data from **alsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-672.2898	1344.58	1356.6	1390.3	2052	2047	5

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.19	(.14,.26)	-1.65	.16	0.0000	<=.001
*	age_in_years_70	.95	(.93,.97)	-.05	.01	0.0000	<=.001
*	femaleTRUE	.57	(.42,.76)	-.57	.15	0.0002	<=.001
	educ3_f(< HS)	1.23	(.81,1.84)	.21	.21	0.3191	> .10
	educ3_f(HS <)	1.06	(.77,1.45)	.06	.16	0.7215	> .10
	singleTRUE	1.28	(.92,1.77)	.25	.17	0.1327	> .10

B

solution of model **B** fit to data from **alsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-669.032	1338.064	1358.1	1414.3	2052	2043	9

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.14	(.09,.21)	-2	.22	0.0000	<=.001
*	age_in_years_70	.95	(.93,.97)	-.05	.01	0.0001	<=.001
*	femaleTRUE	.6	(.44,.81)	-.51	.16	0.0009	<=.001
	educ3_f(< HS)	1.22	(.8,1.82)	.2	.21	0.3455	> .10
	educ3_f(HS <)	1.05	(.76,1.44)	.05	.16	0.7644	> .10
	singleTRUE	1.3	(.93,1.79)	.26	.17	0.1201	> .10
	poor_healthTRUE	1.12	(.82,1.53)	.12	.16	0.4687	> .10
	sedentaryTRUE	1.16	(.85,1.56)	.15	.15	0.3424	> .10
	current_work_2TRUE	1.75	(.64,4.1)	.56	.47	0.2300	> .10
	current_drinkTRUE	1.38	(1.01,1.92)	.33	.16	0.0487	<=.05

AA

solution of model **AA** fit to data from **alsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-664.002	1328.004	1358	1442.4	2052	2038	14

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.15	(.09,.24)	-1.9	.24	0.0000	<=.001
	age_in_years_70	.98	(.93,1.03)	-.02	.03	0.3972	> .10
	femaleTRUE	.96	(.53,1.71)	-.04	.3	0.8809	> .10
	educ3_f(< HS)	1.43	(.64,3.1)	.36	.4	0.3695	> .10
	educ3_f(HS <)	1.16	(.64,2.11)	.15	.3	0.6276	> .10
	singleTRUE	1.02	(.45,2.19)	.02	.4	0.9673	> .10
	age_in_years_70:femaleTRUE	.92	(.87,.98)	-.08	.03	0.0046	<=.01

sign	coef_name	odds	odds_ci	est	se	p	sign__
	age_in_years_70:educ3_f(< HS)	1.02	(.95,1.1)	.02	.04	0.5310	> .10
	age_in_years_70:educ3_f(HS <)	.98	(.93,1.04)	-.02	.03	0.5682	> .10
	age_in_years_70:singleTRUE	1	(.95,1.05)	0	.03	0.9437	> .10
	femaleTRUE:educ3_f(< HS)	.45	(.16,1.18)	-.8	.5	0.1141	> .10
	femaleTRUE:educ3_f(HS <)	.78	(.39,1.53)	-.25	.35	0.4639	> .10
	femaleTRUE:singleTRUE	1.7	(.84,3.54)	.53	.37	0.1477	> .10
	educ3_f(< HS):singleTRUE	.74	(.28,1.93)	-.3	.49	0.5408	> .10
	educ3_f(HS <):singleTRUE	1.37	(.67,2.84)	.31	.37	0.3950	> .10

BB

solution of model **BB** fit to data from **alsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-647.6469	1295.294	1385.3	1638.5	2052	2008	44

sign	coef_name	odds	odds_ci	est	se	p	sign__
***	(Intercept)	.18	(.07,.42)	-1.69	.44	0.0001	<=.001
	age_in_years_70	.94	(.87,1.01)	-.06	.04	0.1157	> .10
	femaleTRUE	.65	(.28,1.56)	-.43	.44	0.3311	> .10
	educ3_f(< HS)	1.44	(.41,4.83)	.36	.63	0.5615	> .10
	educ3_f(HS <)	1.01	(.42,2.43)	.01	.45	0.9771	> .10
	singleTRUE	.69	(.23,1.91)	-.37	.54	0.4889	> .10
	poor_healthTRUE	1.17	(.48,2.83)	.16	.45	0.7236	> .10
	sedentaryTRUE	.96	(.38,2.35)	-.04	.46	0.9378	> .10
	current_work_2TRUE	61.72	(.52,19638.03)	4.12	2.53	0.1036	> .10
	current_drinkTRUE	.7	(.31,1.64)	-.35	.42	0.4003	> .10
	age_in_years_70:femaleTRUE	.92	(.87,.98)	-.08	.03	0.0055	<=.01
	age_in_years_70:educ3_f(< HS)	1	(.93,1.08)	0	.04	0.9132	> .10
	age_in_years_70:educ3_f(HS <)	.98	(.92,1.04)	-.02	.03	0.5117	> .10
	age_in_years_70:singleTRUE	1.01	(.95,1.07)	.01	.03	0.7665	> .10
	age_in_years_70:poor_healthTRUE	1	(.94,1.06)	0	.03	0.9920	> .10
	age_in_years_70:sedentaryTRUE	1.01	(.96,1.07)	.01	.03	0.6563	> .10
	age_in_years_70:current_work_2TRUE	.75	(.47,1.02)	-.28	.19	0.1321	> .10
.	age_in_years_70:current_drinkTRUE	1.05	(.99,1.12)	.05	.03	0.0968	<=.10
	femaleTRUE:educ3_f(< HS)	.31	(.1,.89)	-1.17	.55	0.0339	<=.05
	femaleTRUE:educ3_f(HS <)	.72	(.35,1.47)	-.33	.36	0.3642	> .10
.	femaleTRUE:singleTRUE	2.1	(1,4.55)	.74	.39	0.0543	<=.10
	femaleTRUE:poor_healthTRUE	1.36	(.66,2.79)	.31	.37	0.3975	> .10
	femaleTRUE:sedentaryTRUE	1.35	(.67,2.76)	.3	.36	0.4040	> .10
	femaleTRUE:current_work_2TRUE	.14	(0,4)	-1.98	1.95	0.3098	> .10
	femaleTRUE:current_drinkTRUE	1.39	(.66,2.92)	.33	.38	0.3824	> .10
	educ3_f(< HS):singleTRUE	.88	(.32,2.41)	-.13	.52	0.8080	> .10
	educ3_f(HS <):singleTRUE	1.33	(.63,2.86)	.29	.39	0.4551	> .10
	educ3_f(< HS):poor_healthTRUE	.99	(.4,2.46)	-.01	.46	0.9886	> .10
	educ3_f(HS <):poor_healthTRUE	.77	(.37,1.57)	-.26	.36	0.4770	> .10
	educ3_f(< HS):sedentaryTRUE	2.71	(1.11,6.82)	1	.46	0.0304	<=.05
	educ3_f(HS <):sedentaryTRUE	1.1	(.54,2.24)	.1	.36	0.7884	> .10
	educ3_f(< HS):current_work_2TRUE	1.09	(.03,37.99)	.09	1.67	0.9584	> .10

sign	coef_name	odds	odds_ci	est	se	p	sign_
	educ3_f(HS <):current_work_2TRUE	.46	(.02,6.09)	-.77	1.38	0.5762	> .10
	educ3_f(< HS):current_drinkTRUE	.67	(.26,1.75)	-.4	.49	0.4083	> .10
	educ3_f(HS <):current_drinkTRUE	1.38	(.65,2.93)	.32	.38	0.4004	> .10
	singleTRUE:poor_healthTRUE	1.1	(.53,2.28)	.1	.37	0.7914	> .10
	singleTRUE:sedentaryTRUE	.63	(.3,1.28)	-.47	.37	0.2051	> .10
	singleTRUE:current_work_2TRUE	2.3	(.17,38.18)	.83	1.32	0.5278	> .10
	singleTRUE:current_drinkTRUE	1.63	(.76,3.59)	.49	.4	0.2191	> .10
	poor_healthTRUE:sedentaryTRUE	.72	(.37,1.42)	-.32	.34	0.3468	> .10
	poor_healthTRUE:current_work_2TRUE	8.41	(.69,204.5)	2.13	1.38	0.1217	> .10
	poor_healthTRUE:current_drinkTRUE	1.01	(.5,2.07)	.01	.36	0.9782	> .10
	sedentaryTRUE:current_work_2TRUE	3.27	(.31,51.92)	1.18	1.24	0.3392	> .10
	sedentaryTRUE:current_drinkTRUE	1.02	(.51,2.05)	.02	.35	0.9583	> .10
.	current_work_2TRUE:current_drinkTRUE	.02	(0,.81)	-3.77	2.13	0.0768	<=.10

best

solution of model **best** fit to data from **alsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5349.962	10699.92	10713.9	10765.9	12327	12321	6

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.14	(.13,.15)	-1.94	.04	0.0000	<=.001
*	age_in_years_70	.98	(.97,.99)	-.02	0	0.0000	<=.001
	singleTRUE	1.39	(1.13,1.69)	.33	.1	0.0014	<=.01
.	age_in_years_70:femaleTRUE	.99	(.99,1)	-.01	0	0.0999	<=.10
*	singleTRUE:femaleTRUE	.7	(.59,.84)	-.35	.09	0.0001	<=.001
*	age_in_years_70:current_drinkTRUE	.98	(.98,.99)	-.02	0	0.0001	<=.001
*	singleTRUE:current_drinkTRUE	1.52	(1.26,1.83)	.42	.09	0.0000	<=.001

lbsl

BETWEEN

coef_name	A	B	AA	BB	
(Intercept)	.09(.05,.17)***	.11(.05,.22)***	.1(.04,.23)***	.05(.01,.28)**	.
age_in_years_70	.97(.95,.99)**	.97(.94,.99)**	.95(.9,1)*	.9(.83,.98)*	.
femaleTRUE	1.45(.84,2.53)	1.35(.78,2.39)	.86(.25,2.98)	.31(.04,2.11)	
educ3_f(< HS)	1.58(.67,3.59)	1.62(.67,3.77)	1.45(.25,6.78)	5.35(.33,70.89)	
educ3_f(HS <)	.84(.46,1.57)	.95(.51,1.8)	1.02(.37,3.14)	2.01(.35,13.01)	
singleTRUE	1.65(.97,2.81).	1.68(.97,2.9).	1.2(.27,4.83)	2.27(.29,17.5)	
poor_healthTRUE		.73(.42,1.27)		.66(.11,3.76)	
sedentaryTRUE		2.97(1.56,5.55)***		10.07(1.43,71.57)*	1
current_work_2TRUE		.9(.45,1.78)		1.53(.16,11.94)	
current_drinkTRUE		.64(.37,1.11)		1(.16,6.62)	
age_in_years_70:femaleTRUE			1.03(.99,1.08)	1.02(.97,1.08)	.

coef_name	A	B	AA	BB	
age_in_years_70:educ3_f(< HS)			.98(.89,1.07)	.92(.81,1.03)	
age_in_years_70:educ3_f(HS <)			1.03(.99,1.08)	1.01(.95,1.07)	
age_in_years_70:singleTRUE			.97(.93,1.01)	.97(.92,1.03)	.
age_in_years_70:poor_healthTRUE				1.03(.97,1.09)	.
age_in_years_70:sedentaryTRUE				1.04(.97,1.12)	
age_in_years_70:current_work_2TRUE				1.05(.99,1.11).	1
age_in_years_70:current_drinkTRUE				1.04(.98,1.1)	.
femaleTRUE:educ3_f(< HS)			2.06(.28,16.57)	1.17(.1,14.18)	
femaleTRUE:educ3_f(HS <)			1.71(.43,6.72)	1.89(.37,10.14)	
femaleTRUE:singleTRUE			2.37(.71,8.72)	5.13(1.23,25.99)*	.
femaleTRUE:poor_healthTRUE				1.73(.43,7.25)	
femaleTRUE:sedentaryTRUE				.98(.18,5.75)	
femaleTRUE:current_work_2TRUE				.81(.17,3.82)	
femaleTRUE:current_drinkTRUE				2.01(.44,9.83)	
educ3_f(< HS):singleTRUE			.85(.11,6.93)	3.16(.23,49.8)	
educ3_f(HS <):singleTRUE			.49(.13,1.83)	.46(.08,2.41)	
educ3_f(< HS):poor_healthTRUE				.81(.1,6.52)	
educ3_f(HS <):poor_healthTRUE				.96(.23,4.04)	
educ3_f(< HS):sedentaryTRUE				.89(.09,10.33)	
educ3_f(HS <):sedentaryTRUE				.33(.06,1.78)	
educ3_f(< HS):current_work_2TRUE				.12(0,2.21)	
educ3_f(HS <):current_work_2TRUE				.3(.05,1.56)	
educ3_f(< HS):current_drinkTRUE				.28(.03,2.56)	
educ3_f(HS <):current_drinkTRUE				1.1(.23,5.45)	
singleTRUE:poor_healthTRUE				.52(.13,2.15)	
singleTRUE:sedentaryTRUE				.64(.12,3.32)	
singleTRUE:current_work_2TRUE				1.78(.35,9.33)	
singleTRUE:current_drinkTRUE				.26(.05,1.12).	1
poor_healthTRUE:sedentaryTRUE				1.33(.3,6.14)	
poor_healthTRUE:current_work_2TRUE				.85(.16,4.09)	
poor_healthTRUE:current_drinkTRUE				1.82(.47,7.41)	
sedentaryTRUE:current_work_2TRUE				6.53(.89,55.81).	
sedentaryTRUE:current_drinkTRUE				.25(.04,1.24)	
current_work_2TRUE:current_drinkTRUE				1.94(.39,11.33)	

A

solution of model **A** fit to data from **lbsl** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-195.815	391.63	403.6	429.2	522	517	5

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.09	(.05,.17)	-2.39	.32	0.0000	<=.001
	age_in_years_70	.97	(.95,.99)	-.03	.01	0.0038	<=.01
	femaleTRUE	1.45	(.84,2.53)	.37	.28	0.1873	> .10
	educ3_f(< HS)	1.58	(.67,3.59)	.46	.42	0.2823	> .10
	educ3_f(HS <)	.84	(.46,1.57)	-.17	.31	0.5807	> .10
.	singleTRUE	1.65	(.97,2.81)	.5	.27	0.0668	<=.10

B

solution of model **B** fit to data from **lbsl** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-188.4152	376.8303	396.8	439.4	522	513	9

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.11	(.05,.22)	-2.22	.38	0.0000	<=.001
	age_in_years_70	.97	(.94,.99)	-.03	.01	0.0052	<=.01
	femaleTRUE	1.35	(.78,2.39)	.3	.29	0.2908	> .10
	educ3_f(< HS)	1.62	(.67,3.77)	.48	.44	0.2667	> .10
	educ3_f(HS <)	.95	(.51,1.8)	-.05	.32	0.8646	> .10
.	singleTRUE	1.68	(.97,2.9)	.52	.28	0.0621	<=.10
	poor_healthTRUE	.73	(.42,1.27)	-.31	.28	0.2740	> .10
*	sedentaryTRUE	2.97	(1.56,5.55)	1.09	.32	0.0007	<=.001
	current_work_2TRUE	.9	(.45,1.78)	-.1	.35	0.7647	> .10
	current_drinkTRUE	.64	(.37,1.11)	-.45	.28	0.1108	> .10

AA

solution of model **AA** fit to data from **lbsl** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-190.5223	381.0446	411	474.9	522	508	14

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.1	(.04,.23)	-2.29	.46	0.0000	<=.001
	age_in_years_70	.95	(.9,1)	-.05	.03	0.0383	<=.05
	femaleTRUE	.86	(.25,2.98)	-.15	.62	0.8135	> .10
	educ3_f(< HS)	1.45	(.25,6.78)	.37	.82	0.6502	> .10
	educ3_f(HS <)	1.02	(.37,3.14)	.02	.54	0.9733	> .10
	singleTRUE	1.2	(.27,4.83)	.18	.73	0.8008	> .10
	age_in_years_70:femaleTRUE	1.03	(.99,1.08)	.03	.02	0.1418	> .10
	age_in_years_70:educ3_f(< HS)	.98	(.89,1.07)	-.02	.05	0.6083	> .10
	age_in_years_70:educ3_f(HS <)	1.03	(.99,1.08)	.03	.02	0.1543	> .10
	age_in_years_70:singleTRUE	.97	(.93,1.01)	-.03	.02	0.1590	> .10
	femaleTRUE:educ3_f(< HS)	2.06	(.28,16.57)	.72	1.02	0.4820	> .10
	femaleTRUE:educ3_f(HS <)	1.71	(.43,6.72)	.54	.69	0.4388	> .10
	femaleTRUE:singleTRUE	2.37	(.71,8.72)	.86	.63	0.1731	> .10
	educ3_f(< HS):singleTRUE	.85	(.11,6.93)	-.17	1.05	0.8732	> .10
	educ3_f(HS <):singleTRUE	.49	(.13,1.83)	-.7	.67	0.2953	> .10

BB

solution of model **BB** fit to data from **lbsl** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-171.3046	342.6091	432.6	624.3	522	478	44

sign	coef_name	odds	odds_ci	est	se	p	sign_
**	(Intercept)	.05	(.01,.28)	-2.96	.94	0.0017	<=.01
	age_in_years_70	.9	(.83,.98)	-.1	.04	0.0165	<=.05
	femaleTRUE	.31	(.04,2.11)	-1.17	1	0.2404	> .10
	educ3_f(< HS)	5.35	(.33,70.89)	1.68	1.34	0.2115	> .10
	educ3_f(HS <)	2.01	(.35,13.01)	.7	.91	0.4446	> .10
	singleTRUE	2.27	(.29,17.5)	.82	1.04	0.4310	> .10
	poor_healthTRUE	.66	(.11,3.76)	-.41	.89	0.6446	> .10
	sedentaryTRUE	10.07	(1.43,71.57)	2.31	.99	0.0192	<=.05
	current_work_2TRUE	1.53	(.16,11.94)	.43	1.08	0.6926	> .10
	current_drinkTRUE	1	(.16,6.62)	0	.94	0.9984	> .10
	age_in_years_70:femaleTRUE	1.02	(.97,1.08)	.02	.03	0.4195	> .10
	age_in_years_70:educ3_f(< HS)	.92	(.81,1.03)	-.09	.06	0.1511	> .10
	age_in_years_70:educ3_f(HS <)	1.01	(.95,1.07)	.01	.03	0.7474	> .10
	age_in_years_70:singleTRUE	.97	(.92,1.03)	-.03	.03	0.2938	> .10
	age_in_years_70:poor_healthTRUE	1.03	(.97,1.09)	.03	.03	0.4032	> .10
	age_in_years_70:sedentaryTRUE	1.04	(.97,1.12)	.04	.04	0.2757	> .10
.	age_in_years_70:current_work_2TRUE	1.05	(.99,1.11)	.05	.03	0.0909	<=.10
	age_in_years_70:current_drinkTRUE	1.04	(.98,1.1)	.04	.03	0.1938	> .10
	femaleTRUE:educ3_f(< HS)	1.17	(.1,14.18)	.16	1.25	0.8983	> .10
	femaleTRUE:educ3_f(HS <)	1.89	(.37,10.14)	.64	.83	0.4450	> .10
	femaleTRUE:singleTRUE	5.13	(1.23,25.99)	1.63	.77	0.0332	<=.05
	femaleTRUE:poor_healthTRUE	1.73	(.43,7.25)	.55	.72	0.4437	> .10
	femaleTRUE:sedentaryTRUE	.98	(.18,5.75)	-.02	.87	0.9813	> .10
	femaleTRUE:current_work_2TRUE	.81	(.17,3.82)	-.21	.79	0.7878	> .10
	femaleTRUE:current_drinkTRUE	2.01	(.44,9.83)	.7	.78	0.3717	> .10
	educ3_f(< HS):singleTRUE	3.16	(.23,49.8)	1.15	1.35	0.3926	> .10
	educ3_f(HS <):singleTRUE	.46	(.08,2.41)	-.77	.85	0.3631	> .10
	educ3_f(< HS):poor_healthTRUE	.81	(.1,6.52)	-.21	1.05	0.8411	> .10
	educ3_f(HS <):poor_healthTRUE	.96	(.23,4.04)	-.04	.73	0.9584	> .10
	educ3_f(< HS):sedentaryTRUE	.89	(.09,10.33)	-.12	1.2	0.9222	> .10
	educ3_f(HS <):sedentaryTRUE	.33	(.06,1.78)	-1.11	.87	0.2020	> .10
	educ3_f(< HS):current_work_2TRUE	.12	(0,2.21)	-2.09	1.55	0.1778	> .10
	educ3_f(HS <):current_work_2TRUE	.3	(.05,1.56)	-1.22	.85	0.1531	> .10
	educ3_f(< HS):current_drinkTRUE	.28	(.03,2.56)	-1.29	1.14	0.2578	> .10
	educ3_f(HS <):current_drinkTRUE	1.1	(.23,5.45)	.1	.8	0.9024	> .10
	singleTRUE:poor_healthTRUE	.52	(.13,2.15)	-.64	.72	0.3689	> .10
	singleTRUE:sedentaryTRUE	.64	(.12,3.32)	-.44	.84	0.5982	> .10
	singleTRUE:current_work_2TRUE	1.78	(.35,9.33)	.57	.83	0.4892	> .10
.	singleTRUE:current_drinkTRUE	.26	(.05,1.12)	-1.35	.77	0.0793	<=.10
	poor_healthTRUE:sedentaryTRUE	1.33	(.3,6.14)	.29	.76	0.7089	> .10
	poor_healthTRUE:current_work_2TRUE	.85	(.16,4.09)	-.17	.82	0.8383	> .10
	poor_healthTRUE:current_drinkTRUE	1.82	(.47,7.41)	.6	.7	0.3917	> .10
.	sedentaryTRUE:current_work_2TRUE	6.53	(.89,55.81)	1.88	1.04	0.0724	<=.10
	sedentaryTRUE:current_drinkTRUE	.25	(.04,1.24)	-1.38	.84	0.1020	> .10
	current_work_2TRUE:current_drinkTRUE	1.94	(.39,11.33)	.66	.85	0.4373	> .10

best

solution of model **best** fit to data from **lbsl** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5303.738	10607.48	10627.5	10701.7	12327	12318	9

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.14	(.13,.15)	-1.99	.04	0.0000	<=.001
*	age_in_years_70	.98	(.96,.99)	-.03	.01	0.0000	<=.001
*	sedentaryTRUE	1.6	(1.43,1.77)	.47	.05	0.0000	<=.001
	age_in_years_70:femaleTRUE	.99	(.99,1)	-.01	0	0.1992	> .10
	age_in_years_70:singleTRUE	.99	(.98,1)	-.01	0	0.1566	> .10
	femaleTRUE:singleTRUE	.82	(.71,.95)	-.2	.08	0.0103	<=.05
	age_in_years_70:poor_healthTRUE	.99	(.98,1)	-.01	0	0.0321	<=.05
*	age_in_years_70:current_work_2TRUE	1.02	(1.01,1.03)	.02	0	0.0000	<=.001
*	age_in_years_70:current_drinkTRUE	.98	(.97,.99)	-.02	0	0.0000	<=.001
*	singleTRUE:current_drinkTRUE	1.84	(1.59,2.13)	.61	.08	0.0000	<=.001

satsa

BETWEEN

coef_name	A	B	AA	BB
(Intercept)	.25(.15,.42)***	.08(.04,.15)***	.13(.04,.34)***	.03(0,.25)**
age_in_years_70	.95(.94,.96)***	.95(.93,.96)***	.93(.87,.98)*	.76(.64,.87)***
femaleTRUE	.44(.34,.57)***	.48(.37,.63)***	.66(.22,1.98)	.7(.15,3.2)
educ3_f(< HS)	1.17(.72,1.98)	1.27(.77,2.17)	2.93(1.13,9.05)*	4.14(.47,73.97)
educ3_f(HS <)	1.03(.51,2.06)	1.13(.56,2.28)	1.39(.36,5.56)	3.51(.24,85.22)
singleTRUE	1.46(1.09,1.94)*	1.59(1.18,2.13)**	2.17(.66,7.31)	4.75(.97,24.56).
poor_healthTRUE		1.19(.9,1.57)		1.68(.34,7.77)
sedentaryTRUE		1.58(1.19,2.12)**		.64(.14,3.08)
current_work_2TRUE		.67(.46,.97)*		.01(0,.1)***
current_drinkTRUE		2.87(2.03,4.12)***		9.1(1.32,119.98)*
age_in_years_70:femaleTRUE			.96(.93,.98)***	.98(.95,1.02)
age_in_years_70:educ3_f(< HS)			1.05(.99,1.12)	1.23(1.1,1.45)**
age_in_years_70:educ3_f(HS <)			1.02(.95,1.11)	1.15(1,1.37).
age_in_years_70:singleTRUE			1(.98,1.02)	1.01(.98,1.05)
age_in_years_70:poor_healthTRUE				1(.97,1.03)
age_in_years_70:sedentaryTRUE				1(.96,1.03)
age_in_years_70:current_work_2TRUE				.99(.96,1.03)
age_in_years_70:current_drinkTRUE				1.04(.99,1.08)
femaleTRUE:educ3_f(< HS)			.4(.13,1.19).	.44(.12,1.62)
femaleTRUE:educ3_f(HS <)			.69(.16,2.95)	.6(.11,3.15)
femaleTRUE:singleTRUE			.76(.42,1.36)	.78(.42,1.45)
femaleTRUE:poor_healthTRUE				.73(.4,1.33)
femaleTRUE:sedentaryTRUE				1.1(.6,2.05)
femaleTRUE:current_work_2TRUE				2.04(.91,4.59).
femaleTRUE:current_drinkTRUE				.99(.46,2.11)

coef_name	A	B	AA	BB
educ3_f(< HS):singleTRUE			.8(.24,2.62)	.81(.19,3.26)
educ3_f(HS <):singleTRUE			1.17(.25,5.51)	.89(.15,5.09)
educ3_f(< HS):poor_healthTRUE				1.18(.32,4.77)
educ3_f(HS <):poor_healthTRUE				1.29(.24,7.39)
educ3_f(< HS):sedentaryTRUE				1.83(.49,6.57)
educ3_f(HS <):sedentaryTRUE				2.03(.36,11.93)
educ3_f(< HS):current_work_2TRUE				30.16(3.81,392.84)*
educ3_f(HS <):current_work_2TRUE				10.75(.78,201.89).
educ3_f(< HS):current_drinkTRUE				.36(.03,2.06)
educ3_f(HS <):current_drinkTRUE				.22(.02,2.01)
singleTRUE:poor_healthTRUE				.54(.28,1.02).
singleTRUE:sedentaryTRUE				.66(.35,1.27)
singleTRUE:current_work_2TRUE				1.26(.5,3.16)
singleTRUE:current_drinkTRUE				.8(.37,1.71)
poor_healthTRUE:sedentaryTRUE				1.09(.57,2.11)
poor_healthTRUE:current_work_2TRUE				1.38(.61,3.1)
poor_healthTRUE:current_drinkTRUE				.62(.29,1.31)
sedentaryTRUE:current_work_2TRUE				1.25(.53,2.99)
sedentaryTRUE:current_drinkTRUE				1.43(.64,3.15)
current_work_2TRUE:current_drinkTRUE				1.56(.54,4.67)

A

solution of model **A** fit to data from **satsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-688.693	1377.386	1389.4	1420.6	1351	1346	5

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.25	(.15,.42)	-1.37	.26	0.0000	<=.001
*	age__in__years_70	.95	(.94,.96)	-.06	.01	0.0000	<=.001
*	femaleTRUE	.44	(.34,.57)	-.83	.13	0.0000	<=.001
	educ3_f(< HS)	1.17	(.72,1.98)	.16	.26	0.5407	> .10
	educ3_f(HS <)	1.03	(.51,2.06)	.03	.35	0.9352	> .10
	singleTRUE	1.46	(1.09,1.94)	.38	.15	0.0103	<=.05

B

solution of model **B** fit to data from **satsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-663.8472	1327.694	1347.7	1399.8	1351	1342	9

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.08	(.04,.15)	-2.5	.33	0.0000	<=.001
*	age_in_years_70	.95	(.93,.96)	-.06	.01	0.0000	<=.001
*	femaleTRUE	.48	(.37,.63)	-.73	.14	0.0000	<=.001
	educ3_f(< HS)	1.27	(.77,2.17)	.24	.26	0.3553	> .10
	educ3_f(HS <)	1.13	(.56,2.28)	.12	.36	0.7405	> .10
	singleTRUE	1.59	(1.18,2.13)	.46	.15	0.0023	<=.01
	poor_healthTRUE	1.19	(.9,1.57)	.17	.14	0.2304	> .10
	sedentaryTRUE	1.58	(1.19,2.12)	.46	.15	0.0019	<=.01
	current_work_2TRUE	.67	(.46,.97)	-.4	.19	0.0369	<=.05
*	current_drinkTRUE	2.87	(2.03,4.12)	1.05	.18	0.0000	<=.001

AA

solution of model **AA** fit to data from **satsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-675.0522	1350.104	1380.1	1458.2	1351	1337	14

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.13	(.04,.34)	-2.02	.52	0.0001	<=.001
	age_in_years_70	.93	(.87,.98)	-.08	.03	0.0131	<=.05
	femaleTRUE	.66	(.22,1.98)	-.41	.55	0.4559	> .10
	educ3_f(< HS)	2.93	(1.13,9.05)	1.08	.53	0.0409	<=.05
	educ3_f(HS <)	1.39	(.36,5.56)	.33	.69	0.6362	> .10
	singleTRUE	2.17	(.66,7.31)	.78	.61	0.2020	> .10
*	age_in_years_70:femaleTRUE	.96	(.93,.98)	-.05	.01	0.0001	<=.001
	age_in_years_70:educ3_f(< HS)	1.05	(.99,1.12)	.05	.03	0.1140	> .10
	age_in_years_70:educ3_f(HS <)	1.02	(.95,1.11)	.02	.04	0.5602	> .10
	age_in_years_70:singleTRUE	1	(.98,1.02)	0	.01	0.9965	> .10
.	femaleTRUE:educ3_f(< HS)	.4	(.13,1.19)	-.91	.55	0.0983	<=.10
	femaleTRUE:educ3_f(HS <)	.69	(.16,2.95)	-.37	.74	0.6180	> .10
	femaleTRUE:singleTRUE	.76	(.42,1.36)	-.28	.3	0.3530	> .10
	educ3_f(< HS):singleTRUE	.8	(.24,2.62)	-.22	.6	0.7145	> .10
	educ3_f(HS <):singleTRUE	1.17	(.25,5.51)	.16	.79	0.8376	> .10

BB

solution of model **BB** fit to data from **satsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-635.8426	1271.685	1361.7	1596.1	1351	1307	44

sign	coef_name	odds	odds_ci	est	se	p	sign_
**	(Intercept)	.03	(0,.25)	-3.63	1.31	0.0057	<=.01
*	age_in_years_70	.76	(.64,.87)	-.28	.07	0.0002	<=.001

sign	coef_name	odds	odds_ci	est	se	p	sign_
	femaleTRUE	.7	(.15,3.2)	-.36	.77	0.6411	> .10
	educ3_f(< HS)	4.14	(.47,73.97)	1.42	1.25	0.2572	> .10
	educ3_f(HS <)	3.51	(.24,85.22)	1.25	1.46	0.3910	> .10
.	singleTRUE	4.75	(.97,24.56)	1.56	.82	0.0569	<=.10
	poor_healthTRUE	1.68	(.34,7.77)	.52	.79	0.5146	> .10
	sedentaryTRUE	.64	(.14,3.08)	-.44	.78	0.5730	> .10
*	current_work_2TRUE	.01	(0,.1)	-4.72	1.34	0.0004	<=.001
	current_drinkTRUE	9.1	(1.32,119.98)	2.21	1.11	0.0473	<=.05
	age_in_years_70:femaleTRUE	.98	(.95,1.02)	-.02	.02	0.3450	> .10
	age_in_years_70:educ3_f(< HS)	1.23	(1.1,1.45)	.21	.07	0.0027	<=.01
.	age_in_years_70:educ3_f(HS <)	1.15	(1,1.37)	.14	.08	0.0720	<=.10
	age_in_years_70:singleTRUE	1.01	(.98,1.05)	.01	.02	0.4881	> .10
	age_in_years_70:poor_healthTRUE	1	(.97,1.03)	0	.02	0.9173	> .10
	age_in_years_70:sedentaryTRUE	1	(.96,1.03)	0	.02	0.9352	> .10
	age_in_years_70:current_work_2TRUE	.99	(.96,1.03)	-.01	.02	0.6923	> .10
	age_in_years_70:current_drinkTRUE	1.04	(.99,1.08)	.03	.02	0.1220	> .10
	femaleTRUE:educ3_f(< HS)	.44	(.12,1.62)	-.82	.66	0.2104	> .10
	femaleTRUE:educ3_f(HS <)	.6	(.11,3.15)	-.5	.84	0.5495	> .10
	femaleTRUE:singleTRUE	.78	(.42,1.45)	-.25	.32	0.4375	> .10
	femaleTRUE:poor_healthTRUE	.73	(.4,1.33)	-.31	.3	0.3048	> .10
	femaleTRUE:sedentaryTRUE	1.1	(.6,2.05)	.1	.31	0.7555	> .10
.	femaleTRUE:current_work_2TRUE	2.04	(.91,4.59)	.71	.41	0.0836	<=.10
	femaleTRUE:current_drinkTRUE	.99	(.46,2.11)	-.01	.39	0.9831	> .10
	educ3_f(< HS):singleTRUE	.81	(.19,3.26)	-.2	.71	0.7740	> .10
	educ3_f(HS <):singleTRUE	.89	(.15,5.09)	-.11	.89	0.9002	> .10
	educ3_f(< HS):poor_healthTRUE	1.18	(.32,4.77)	.17	.68	0.8050	> .10
	educ3_f(HS <):poor_healthTRUE	1.29	(.24,7.39)	.25	.87	0.7694	> .10
	educ3_f(< HS):sedentaryTRUE	1.83	(.49,6.57)	.6	.66	0.3578	> .10
	educ3_f(HS <):sedentaryTRUE	2.03	(.36,11.93)	.71	.89	0.4266	> .10
	educ3_f(< HS):current_work_2TRUE	30.16	(3.81,392.84)	3.41	1.17	0.0035	<=.01
.	educ3_f(HS <):current_work_2TRUE	10.75	(.78,201.89)	2.38	1.4	0.0892	<=.10
	educ3_f(< HS):current_drinkTRUE	.36	(.03,2.06)	-1.02	1.02	0.3147	> .10
	educ3_f(HS <):current_drinkTRUE	.22	(.02,2.01)	-1.49	1.2	0.2118	> .10
.	singleTRUE:poor_healthTRUE	.54	(.28,1.02)	-.62	.33	0.0570	<=.10
	singleTRUE:sedentaryTRUE	.66	(.35,1.27)	-.41	.33	0.2170	> .10
	singleTRUE:current_work_2TRUE	1.26	(.5,3.16)	.24	.47	0.6142	> .10
	singleTRUE:current_drinkTRUE	.8	(.37,1.71)	-.23	.39	0.5613	> .10
	poor_healthTRUE:sedentaryTRUE	1.09	(.57,2.11)	.09	.33	0.7878	> .10
	poor_healthTRUE:current_work_2TRUE	1.38	(.61,3.1)	.32	.41	0.4389	> .10
	poor_healthTRUE:current_drinkTRUE	.62	(.29,1.31)	-.48	.39	0.2090	> .10
	sedentaryTRUE:current_work_2TRUE	1.25	(.53,2.99)	.22	.44	0.6182	> .10
	sedentaryTRUE:current_drinkTRUE	1.43	(.64,3.15)	.36	.41	0.3738	> .10
	current_work_2TRUE:current_drinkTRUE	1.56	(.54,4.67)	.45	.55	0.4145	> .10

best

solution of model **best** fit to data from **satsa** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5259.315	10518.63	10548.6	10659.9	12327	12313	14

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.13	(.11,.15)	-2.04	.07	0.0000	<=.001
*	age_in_years_70	.96	(.95,.97)	-.04	.01	0.0000	<=.001
*	femaleTRUE	.74	(.66,.84)	-.3	.06	0.0000	<=.001
*	singleTRUE	1.6	(1.4,1.84)	.47	.07	0.0000	<=.001
*	poor_healthTRUE	1.39	(1.22,1.58)	.33	.07	0.0000	<=.001
*	current_work_2TRUE	.64	(.5,.8)	-.45	.12	0.0002	<=.001
*	current_drinkTRUE	1.25	(1.12,1.4)	.22	.06	0.0001	<=.001
	singleTRUE:poor_healthTRUE	.85	(.68,1.06)	-.17	.11	0.1415	> .10
	age_in_years_70:sedentaryTRUE	.99	(.98,1)	-.01	0	0.0074	<=.01
	femaleTRUE:current_work_2TRUE	1.36	(1.1,1.67)	.31	.11	0.0037	<=.01
*	current_drinkTRUE:sedentaryTRUE	1.54	(1.32,1.79)	.43	.08	0.0000	<=.001
	age_in_years_70:educ3_f(< HS)	.99	(.98,1.01)	-.01	.01	0.3706	> .10
	age_in_years_70:educ3_f(HS <)	1.01	(.99,1.03)	.01	.01	0.3018	> .10
	current_work_2TRUE:educ3_f(< HS)	1.01	(.78,1.3)	.01	.13	0.9437	> .10
.	current_work_2TRUE:educ3_f(HS <)	.72	(.5,1.02)	-.33	.18	0.0661	<=.10

share

BETWEEN

coef_name	A	B	AA	BB	bes
(Intercept)	.19(.15,.24)***	.18(.13,.24)***	.19(.13,.26)***	.23(.14,.39)***	.13
age_in_years_70	1(.99,1.01)	1(.99,1.01)	.99(.97,1.02)	.98(.95,1.02)	
femaleTRUE	1.11(.89,1.39)	1.09(.87,1.37)	1.07(.7,1.65)	.71(.4,1.26)	.64
educ3_f(< HS)	1(.78,1.29)	1.03(.8,1.32)	1.09(.71,1.67)	.58(.32,1.07).	1.0
educ3_f(HS <)	.84(.64,1.11)	.85(.64,1.12)	.8(.5,1.29)	.78(.4,1.52)	.83
singleTRUE	.86(.64,1.13)	.85(.63,1.12)	.74(.37,1.42)	1.24(.52,2.81)	
poor_healthTRUE		.88(.7,1.11)		.86(.48,1.54)	1.3
sedentaryTRUE		1.23(.94,1.58)		1.02(.49,2.07)	
current_work_2TRUE		.94(.72,1.23)		.82(.4,1.64)	.63
current_drinkTRUE		1.45(1.15,1.83)**		.75(.39,1.43)	
age_in_years_70:femaleTRUE			1(.97,1.02)	1(.97,1.03)	
age_in_years_70:educ3_f(< HS)			1.02(.99,1.04)	1(.97,1.03)	
age_in_years_70:educ3_f(HS <)			1.01(.98,1.04)	1(.96,1.04)	
age_in_years_70:singleTRUE			1(.97,1.03)	1(.97,1.03)	
age_in_years_70:poor_healthTRUE				1.03(1,1.05).	
age_in_years_70:sedentaryTRUE				1(.97,1.04)	
age_in_years_70:current_work_2TRUE				1.01(.97,1.05)	
age_in_years_70:current_drinkTRUE				1.01(.98,1.04)	1(.
femaleTRUE:educ3_f(< HS)			.93(.55,1.57)	.91(.52,1.59)	
femaleTRUE:educ3_f(HS <)			1.24(.69,2.22)	1.22(.68,2.22)	
femaleTRUE:singleTRUE			.99(.54,1.89)	.95(.5,1.84)	
femaleTRUE:poor_healthTRUE				1.31(.79,2.21)	
femaleTRUE:sedentaryTRUE				1.16(.66,2.04)	
femaleTRUE:current_work_2TRUE				1.46(.81,2.62)	
femaleTRUE:current_drinkTRUE				1.43(.87,2.36)	1.4
educ3_f(< HS):singleTRUE			1.31(.68,2.57)	1.52(.75,3.12)	
educ3_f(HS <):singleTRUE			1.13(.52,2.42)	1.1(.49,2.44)	
educ3_f(< HS):poor_healthTRUE				2.14(1.22,3.79)**	1.3
educ3_f(HS <):poor_healthTRUE				1.01(.52,1.95)	.92

coef_name	A	B	AA	BB	bes
educ3_f(< HS):sedentaryTRUE				2.11(1.1,4.09)*	
educ3_f(HS <):sedentaryTRUE				1.13(.54,2.31)	
educ3_f(< HS):current_work_2TRUE				.76(.38,1.48)	
educ3_f(HS <):current_work_2TRUE				.57(.28,1.14)	
educ3_f(< HS):current_drinkTRUE				1.24(.69,2.23)	
educ3_f(HS <):current_drinkTRUE				1.5(.82,2.74)	
singleTRUE:poor_healthTRUE				.47(.24,.91)*	
singleTRUE:sedentaryTRUE				.48(.2,1.05).	1.5
singleTRUE:current_work_2TRUE				.75(.33,1.65)	
singleTRUE:current_drinkTRUE				1.13(.61,2.07)	
poor_healthTRUE:sedentaryTRUE				.49(.27,.9)*	.71
poor_healthTRUE:current_work_2TRUE				.91(.49,1.66)	
poor_healthTRUE:current_drinkTRUE				1.03(.6,1.78)	
sedentaryTRUE:current_work_2TRUE				1.41(.74,2.72)	
sedentaryTRUE:current_drinkTRUE				1.36(.7,2.6)	
current_work_2TRUE:current_drinkTRUE				1.93(1.04,3.6)*	1.2

A

solution of model **A** fit to data from **share** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-1115.067	2230.134	2242.1	2277.2	2554	2549	5

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.19	(.15,.24)	-1.65	.12	0.0000	<=.001
	age_in_years_70	1	(.99,1.01)	0	.01	0.8531	> .10
	femaleTRUE	1.11	(.89,1.39)	.1	.11	0.3571	> .10
	educ3_f(< HS)	1	(.78,1.29)	0	.13	0.9787	> .10
	educ3_f(HS <)	.84	(.64,1.11)	-.17	.14	0.2177	> .10
	singleTRUE	.86	(.64,1.13)	-.16	.15	0.2816	> .10

B

solution of model **B** fit to data from **share** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-1109.27	2218.539	2238.5	2297	2554	2545	9

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.18	(.13,.24)	-1.73	.15	0.0000	<=.001
	age_in_years_70	1	(.99,1.01)	0	.01	0.8845	> .10
	femaleTRUE	1.09	(.87,1.37)	.09	.12	0.4469	> .10
	educ3_f(< HS)	1.03	(.8,1.32)	.03	.13	0.8397	> .10
	educ3_f(HS <)	.85	(.64,1.12)	-.17	.14	0.2371	> .10
	singleTRUE	.85	(.63,1.12)	-.17	.15	0.2554	> .10

sign	coef_name	odds	odds_ci	est	se	p	sign_
	poor_healthTRUE	.88	(.7,1.11)	-.13	.12	0.2770	> .10
	sedentaryTRUE	1.23	(.94,1.58)	.21	.13	0.1200	> .10
	current_work_2TRUE	.94	(.72,1.23)	-.06	.14	0.6660	> .10
	current_drinkTRUE	1.45	(1.15,1.83)	.37	.12	0.0017	<=.01

AA

solution of model **AA** fit to data from **share** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-1112.934	2225.869	2255.9	2343.6	2554	2540	14

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.19	(.13,.26)	-1.67	.17	0.0000	<=.001
	age_in_years_70	.99	(.97,1.02)	-.01	.01	0.5547	> .10
	femaleTRUE	1.07	(.7,1.65)	.07	.22	0.7611	> .10
	educ3_f(< HS)	1.09	(.71,1.67)	.08	.22	0.7024	> .10
	educ3_f(HS <)	.8	(.5,1.29)	-.22	.24	0.3626	> .10
	singleTRUE	.74	(.37,1.42)	-.3	.34	0.3885	> .10
	age_in_years_70:femaleTRUE	1	(.97,1.02)	0	.01	0.8562	> .10
	age_in_years_70:educ3_f(< HS)	1.02	(.99,1.04)	.02	.01	0.2182	> .10
	age_in_years_70:educ3_f(HS <)	1.01	(.98,1.04)	.01	.02	0.4082	> .10
	age_in_years_70:singleTRUE	1	(.97,1.03)	0	.01	0.9320	> .10
	femaleTRUE:educ3_f(< HS)	.93	(.55,1.57)	-.07	.27	0.7840	> .10
	femaleTRUE:educ3_f(HS <)	1.24	(.69,2.22)	.22	.3	0.4643	> .10
	femaleTRUE:singleTRUE	.99	(.54,1.89)	-.01	.32	0.9814	> .10
	educ3_f(< HS):singleTRUE	1.31	(.68,2.57)	.27	.34	0.4224	> .10
	educ3_f(HS <):singleTRUE	1.13	(.52,2.42)	.12	.39	0.7612	> .10

BB

solution of model **BB** fit to data from **share** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-1084.736	2169.472	2259.5	2522.5	2554	2510	44

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.23	(.14,.39)	-1.45	.27	0.0000	<=.001
	age_in_years_70	.98	(.95,1.02)	-.02	.02	0.3026	> .10
	femaleTRUE	.71	(.4,1.26)	-.34	.29	0.2437	> .10
.	educ3_f(< HS)	.58	(.32,1.07)	-.54	.31	0.0806	<=.10
	educ3_f(HS <)	.78	(.4,1.52)	-.24	.34	0.4731	> .10
	singleTRUE	1.24	(.52,2.81)	.21	.43	0.6213	> .10
	poor_healthTRUE	.86	(.48,1.54)	-.15	.3	0.6107	> .10
	sedentaryTRUE	1.02	(.49,2.07)	.02	.37	0.9469	> .10

sign	coef_name	odds	odds_ci	est	se	p	sign_
	current_work_2TRUE	.82	(.4,1.64)	-.2	.36	0.5725	> .10
	current_drinkTRUE	.75	(.39,1.43)	-.28	.33	0.3909	> .10
	age_in_years_70:femaleTRUE	1	(.97,1.03)	0	.01	0.9366	> .10
	age_in_years_70:educ3_f(< HS)	1	(.97,1.03)	0	.02	0.8265	> .10
	age_in_years_70:educ3_f(HS <)	1	(.96,1.04)	0	.02	0.9352	> .10
	age_in_years_70:singleTRUE	1	(.97,1.03)	0	.02	0.9585	> .10
.	age_in_years_70:poor_healthTRUE	1.03	(1,1.05)	.02	.01	0.0850	<=.10
	age_in_years_70:sedentaryTRUE	1	(.97,1.04)	0	.02	0.8840	> .10
	age_in_years_70:current_work_2TRUE	1.01	(.97,1.05)	.01	.02	0.5474	> .10
	age_in_years_70:current_drinkTRUE	1.01	(.98,1.04)	.01	.02	0.3921	> .10
	femaleTRUE:educ3_f(< HS)	.91	(.52,1.59)	-.09	.29	0.7435	> .10
	femaleTRUE:educ3_f(HS <)	1.22	(.68,2.22)	.2	.3	0.5041	> .10
	femaleTRUE:singleTRUE	.95	(.5,1.84)	-.05	.33	0.8718	> .10
	femaleTRUE:poor_healthTRUE	1.31	(.79,2.21)	.27	.26	0.2996	> .10
	femaleTRUE:sedentaryTRUE	1.16	(.66,2.04)	.15	.29	0.6111	> .10
	femaleTRUE:current_work_2TRUE	1.46	(.81,2.62)	.38	.3	0.2016	> .10
	femaleTRUE:current_drinkTRUE	1.43	(.87,2.36)	.36	.26	0.1648	> .10
	educ3_f(< HS):singleTRUE	1.52	(.75,3.12)	.42	.36	0.2490	> .10
	educ3_f(HS <):singleTRUE	1.1	(.49,2.44)	.1	.41	0.8077	> .10
	educ3_f(< HS):poor_healthTRUE	2.14	(1.22,3.79)	.76	.29	0.0084	<=.01
	educ3_f(HS <):poor_healthTRUE	1.01	(.52,1.95)	.01	.34	0.9766	> .10
	educ3_f(< HS):sedentaryTRUE	2.11	(1.1,4.09)	.75	.33	0.0257	<=.05
	educ3_f(HS <):sedentaryTRUE	1.13	(.54,2.31)	.12	.37	0.7489	> .10
	educ3_f(< HS):current_work_2TRUE	.76	(.38,1.48)	-.28	.35	0.4234	> .10
	educ3_f(HS <):current_work_2TRUE	.57	(.28,1.14)	-.57	.36	0.1092	> .10
	educ3_f(< HS):current_drinkTRUE	1.24	(.69,2.23)	.21	.3	0.4766	> .10
	educ3_f(HS <):current_drinkTRUE	1.5	(.82,2.74)	.41	.31	0.1870	> .10
	singleTRUE:poor_healthTRUE	.47	(.24,.91)	-.75	.34	0.0251	<=.05
.	singleTRUE:sedentaryTRUE	.48	(.2,1.05)	-.74	.42	0.0775	<=.10
	singleTRUE:current_work_2TRUE	.75	(.33,1.65)	-.29	.41	0.4727	> .10
	singleTRUE:current_drinkTRUE	1.13	(.61,2.07)	.12	.31	0.7046	> .10
	poor_healthTRUE:sedentaryTRUE	.49	(.27,.9)	-.71	.31	0.0222	<=.05
	poor_healthTRUE:current_work_2TRUE	.91	(.49,1.66)	-.09	.31	0.7627	> .10
	poor_healthTRUE:current_drinkTRUE	1.03	(.6,1.78)	.03	.28	0.9063	> .10
	sedentaryTRUE:current_work_2TRUE	1.41	(.74,2.72)	.35	.33	0.2988	> .10
	sedentaryTRUE:current_drinkTRUE	1.36	(.7,2.6)	.31	.33	0.3549	> .10
	current_work_2TRUE:current_drinkTRUE	1.93	(1.04,3.6)	.66	.32	0.0371	<=.05

best

solution of model **best** fit to data from **share** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5259.089	10518.18	10554.2	10687.7	12327	12310	17

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.13	(.11,.15)	-2.04	.07	0.0000	<=.001
	educ3_f(< HS)	1.08	(.94,1.24)	.08	.07	0.2649	> .10

sign	coef_name	odds	odds_ci	est	se	p	sign_
.	educ3_f(HS <)	.83	(.69,1)	-.18	.09	0.0500	<=.10
*	femaleTRUE	.64	(.56,.74)	-.44	.07	0.0000	<=.001
	poor_healthTRUE	1.31	(1.04,1.65)	.27	.12	0.0227	<=.05
*	current_work_2TRUE	.63	(.51,.77)	-.47	.11	0.0000	<=.001
*	poor_healthFALSE:age_in_years_70	.96	(.95,.97)	-.05	.01	0.0000	<=.001
*	poor_healthTRUE:age_in_years_70	.96	(.95,.97)	-.04	.01	0.0000	<=.001
*	poor_healthFALSE:singleTRUE	1.69	(1.45,1.96)	.52	.08	0.0000	<=.001
*	poor_healthTRUE:singleTRUE	1.41	(1.15,1.71)	.34	.1	0.0007	<=.001
*	singleFALSE:sedentaryTRUE	1.83	(1.57,2.12)	.6	.08	0.0000	<=.001
*	singleTRUE:sedentaryTRUE	1.5	(1.21,1.87)	.41	.11	0.0002	<=.001
	poor_healthTRUE:sedentaryTRUE	.71	(.57,.88)	-.35	.11	0.0021	<=.01
	age_in_years_70:current_drinkTRUE	1	(.98,1.01)	0	.01	0.4477	> .10
*	femaleTRUE:current_drinkTRUE	1.4	(1.2,1.64)	.34	.08	0.0000	<=.001
	current_work_2TRUE:current_drinkTRUE	1.21	(.95,1.56)	.19	.13	0.1247	> .10
	educ3_f(< HS):poor_healthTRUE	1.37	(1.08,1.74)	.31	.12	0.0107	<=.05
	educ3_f(HS <):poor_healthTRUE	.92	(.65,1.29)	-.08	.17	0.6290	> .10

tilda

BETWEEN

coef_name	A	B	AA	BB
(Intercept)	.11(.09,.13)***	.08(.07,.11)***	.15(.11,.2)***	.07(.04,.12)***
age_in_years_70	.95(.95,.96)***	.94(.93,.95)***	.97(.95,.99)**	.97(.94,1).
femaleTRUE	.93(.81,1.07)	.91(.79,1.05)	.65(.47,.9)*	.78(.49,1.24)
educ3_f(< HS)	1.27(1.09,1.47)**	1.18(1.01,1.38)*	.88(.65,1.2)	1.26(.79,2.05)
educ3_f(HS <)	.39(.25,.58)***	.42(.27,.63)***	.47(.22,.91)*	.16(.02,.75)*
singleTRUE	1.82(1.56,2.12)***	1.8(1.54,2.1)***	1.69(1.17,2.41)**	1.39(.83,2.31)
poor_healthTRUE		1.59(1.35,1.87)***		1.85(1.07,3.18)*
sedentaryTRUE		1.54(1.29,1.83)***		2.3(1.28,4.09)**
current_work_2TRUE		.64(.54,.76)***		.88(.49,1.59)
current_drinkTRUE		1.36(1.16,1.61)***		2.09(1.29,3.46)*
age_in_years_70:femaleTRUE			.98(.96,1)*	.98(.96,1)*
age_in_years_70:educ3_f(< HS)			.99(.97,1.01)	.99(.97,1.01)
age_in_years_70:educ3_f(HS <)			1.02(.97,1.07)	1.03(.97,1.09)
age_in_years_70:singleTRUE			.99(.98,1.01)	1(.98,1.02)
age_in_years_70:poor_healthTRUE				.98(.96,1)
age_in_years_70:sedentaryTRUE				1.01(.99,1.04)
age_in_years_70:current_work_2TRUE				1(.98,1.03)
age_in_years_70:current_drinkTRUE				.99(.97,1.01)
femaleTRUE:educ3_f(< HS)			1.49(1.1,2.03)*	1.3(.94,1.79)
femaleTRUE:educ3_f(HS <)			.94(.36,2.38)	.95(.36,2.47)
femaleTRUE:singleTRUE			.81(.59,1.1)	.86(.62,1.19)
femaleTRUE:poor_healthTRUE				1.01(.71,1.43)
femaleTRUE:sedentaryTRUE				.94(.65,1.36)
femaleTRUE:current_work_2TRUE				1.01(.71,1.44)
femaleTRUE:current_drinkTRUE				.79(.55,1.12)
educ3_f(< HS):singleTRUE			1.29(.92,1.82)	1.32(.93,1.89)
educ3_f(HS <):singleTRUE			1.16(.46,2.81)	1.34(.51,3.38)
educ3_f(< HS):poor_healthTRUE				1.06(.72,1.57)

coef_name	A	B	AA	BB
educ3_f(HS <):poor_healthTRUE				1.63(.45,5.1)
educ3_f(< HS):sedentaryTRUE				.84(.56,1.26)
educ3_f(HS <):sedentaryTRUE				2.02(.67,5.72)
educ3_f(< HS):current_work_2TRUE				.88(.62,1.26)
educ3_f(HS <):current_work_2TRUE				1.53(.54,4.48)
educ3_f(< HS):current_drinkTRUE				.64(.43,.95)*
educ3_f(HS <):current_drinkTRUE				2.1(.51,14.64)
singleTRUE:poor_healthTRUE				1.03(.72,1.48)
singleTRUE:sedentaryTRUE				1.08(.72,1.61)
singleTRUE:current_work_2TRUE				.98(.67,1.43)
singleTRUE:current_drinkTRUE				1.21(.84,1.76)
poor_healthTRUE:sedentaryTRUE				.76(.51,1.12)
poor_healthTRUE:current_work_2TRUE				.63(.41,.96)*
poor_healthTRUE:current_drinkTRUE				.78(.54,1.14)
sedentaryTRUE:current_work_2TRUE				.96(.61,1.48)
sedentaryTRUE:current_drinkTRUE				.88(.59,1.32)
current_work_2TRUE:current_drinkTRUE				.91(.6,1.41)

A

solution of model **A** fit to data from **tilda** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-2588.705	5177.409	5189.4	5229.4	5844	5839	5

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.11	(.09,.13)	-2.19	.09	0.0000	<=.001
*	age_in_years_70	.95	(.95,.96)	-.05	0	0.0000	<=.001
	femaleTRUE	.93	(.81,1.07)	-.07	.07	0.3197	> .10
	educ3_f(< HS)	1.27	(1.09,1.47)	.24	.08	0.0023	<=.01
*	educ3_f(HS <)	.39	(.25,.58)	-.94	.21	0.0000	<=.001
*	singleTRUE	1.82	(1.56,2.12)	.6	.08	0.0000	<=.001

B

solution of model **B** fit to data from **tilda** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-2535.063	5070.126	5090.1	5156.9	5844	5835	9

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.08	(.07,.11)	-2.48	.12	0.0000	<=.001
*	age_in_years_70	.94	(.93,.95)	-.06	0	0.0000	<=.001

sign	coef_name	odds	odds_ci	est	se	p	sign_
	femaleTRUE	.91	(.79,1.05)	-.09	.07	0.2090	> .10
	educ3_f(< HS)	1.18	(1.01,1.38)	.16	.08	0.0362	<=.05
*	educ3_f(HS <)	.42	(.27,.63)	-.86	.21	0.0000	<=.001
*	singleTRUE	1.8	(1.54,2.1)	.59	.08	0.0000	<=.001
*	poor_healthTRUE	1.59	(1.35,1.87)	.46	.08	0.0000	<=.001
*	sedentaryTRUE	1.54	(1.29,1.83)	.43	.09	0.0000	<=.001
*	current_work_2TRUE	.64	(.54,.76)	-.44	.08	0.0000	<=.001
*	current_drinkTRUE	1.36	(1.16,1.61)	.31	.08	0.0003	<=.001

AA

solution of model **AA** fit to data from **tilda** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-2578.473	5156.947	5186.9	5287	5844	5830	14

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.15	(.11,.2)	-1.89	.14	0.0000	<=.001
	age_in_years_70	.97	(.95,.99)	-.03	.01	0.0015	<=.01
	femaleTRUE	.65	(.47,.9)	-.43	.17	0.0102	<=.05
	educ3_f(< HS)	.88	(.65,1.2)	-.13	.16	0.4142	> .10
	educ3_f(HS <)	.47	(.22,.91)	-.76	.36	0.0344	<=.05
	singleTRUE	1.69	(1.17,2.41)	.52	.18	0.0045	<=.01
	age_in_years_70:femaleTRUE	.98	(.96,1)	-.02	.01	0.0133	<=.05
	age_in_years_70:educ3_f(< HS)	.99	(.97,1.01)	-.01	.01	0.4150	> .10
	age_in_years_70:educ3_f(HS <)	1.02	(.97,1.07)	.02	.03	0.3972	> .10
	age_in_years_70:singleTRUE	.99	(.98,1.01)	-.01	.01	0.5054	> .10
	femaleTRUE:educ3_f(< HS)	1.49	(1.1,2.03)	.4	.16	0.0100	<=.05
	femaleTRUE:educ3_f(HS <)	.94	(.36,2.38)	-.06	.48	0.8950	> .10
	femaleTRUE:singleTRUE	.81	(.59,1.1)	-.21	.16	0.1793	> .10
	educ3_f(< HS):singleTRUE	1.29	(.92,1.82)	.25	.17	0.1442	> .10
	educ3_f(HS <):singleTRUE	1.16	(.46,2.81)	.15	.46	0.7476	> .10

BB

solution of model **BB** fit to data from **tilda** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-2512.134	5024.269	5114.3	5414.6	5844	5800	44

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.07	(.04,.12)	-2.62	.27	0.0000	<=.001
.	age_in_years_70	.97	(.94,1)	-.03	.02	0.0917	<=.10
	femaleTRUE	.78	(.49,1.24)	-.25	.24	0.2971	> .10
	educ3_f(< HS)	1.26	(.79,2.05)	.23	.24	0.3410	> .10
	educ3_f(HS <)	.16	(.02,.75)	-1.82	.88	0.0393	<=.05

sign	coef_name	odds	odds_ci	est	se	p	sign_
	singleTRUE	1.39	(.83,2.31)	.33	.26	0.2045	> .10
	poor_healthTRUE	1.85	(1.07,3.18)	.61	.28	0.0268	<=.05
	sedentaryTRUE	2.3	(1.28,4.09)	.83	.3	0.0048	<=.01
	current_work_2TRUE	.88	(.49,1.59)	-.12	.3	0.6828	> .10
	current_drinkTRUE	2.09	(1.29,3.46)	.74	.25	0.0035	<=.01
	age_in_years_70:femaleTRUE	.98	(.96,1)	-.02	.01	0.0156	<=.05
	age_in_years_70:educ3_f(< HS)	.99	(.97,1.01)	-.01	.01	0.2212	> .10
	age_in_years_70:educ3_f(HS <)	1.03	(.97,1.09)	.03	.03	0.3278	> .10
	age_in_years_70:singleTRUE	1	(.98,1.02)	0	.01	0.8225	> .10
	age_in_years_70:poor_healthTRUE	.98	(.96,1)	-.02	.01	0.1056	> .10
	age_in_years_70:sedentaryTRUE	1.01	(.99,1.04)	.01	.01	0.2551	> .10
	age_in_years_70:current_work_2TRUE	1	(.98,1.03)	0	.01	0.7688	> .10
	age_in_years_70:current_drinkTRUE	.99	(.97,1.01)	-.01	.01	0.2739	> .10
	femaleTRUE:educ3_f(< HS)	1.3	(.94,1.79)	.26	.16	0.1142	> .10
	femaleTRUE:educ3_f(HS <)	.95	(.36,2.47)	-.05	.49	0.9189	> .10
	femaleTRUE:singleTRUE	.86	(.62,1.19)	-.15	.16	0.3658	> .10
	femaleTRUE:poor_healthTRUE	1.01	(.71,1.43)	.01	.18	0.9472	> .10
	femaleTRUE:sedentaryTRUE	.94	(.65,1.36)	-.06	.19	0.7424	> .10
	femaleTRUE:current_work_2TRUE	1.01	(.71,1.44)	.01	.18	0.9528	> .10
	femaleTRUE:current_drinkTRUE	.79	(.55,1.12)	-.24	.18	0.1921	> .10
	educ3_f(< HS):singleTRUE	1.32	(.93,1.89)	.28	.18	0.1226	> .10
	educ3_f(HS <):singleTRUE	1.34	(.51,3.38)	.29	.48	0.5412	> .10
	educ3_f(< HS):poor_healthTRUE	1.06	(.72,1.57)	.06	.2	0.7747	> .10
	educ3_f(HS <):poor_healthTRUE	1.63	(.45,5.1)	.49	.61	0.4254	> .10
	educ3_f(< HS):sedentaryTRUE	.84	(.56,1.26)	-.17	.21	0.3957	> .10
	educ3_f(HS <):sedentaryTRUE	2.02	(.67,5.72)	.71	.54	0.1928	> .10
	educ3_f(< HS):current_work_2TRUE	.88	(.62,1.26)	-.13	.18	0.4885	> .10
	educ3_f(HS <):current_work_2TRUE	1.53	(.54,4.48)	.43	.54	0.4264	> .10
	educ3_f(< HS):current_drinkTRUE	.64	(.43,.95)	-.45	.2	0.0273	<=.05
	educ3_f(HS <):current_drinkTRUE	2.1	(.51,14.64)	.74	.82	0.3667	> .10
	singleTRUE:poor_healthTRUE	1.03	(.72,1.48)	.03	.18	0.8577	> .10
	singleTRUE:sedentaryTRUE	1.08	(.72,1.61)	.08	.21	0.7149	> .10
	singleTRUE:current_work_2TRUE	.98	(.67,1.43)	-.02	.19	0.9173	> .10
	singleTRUE:current_drinkTRUE	1.21	(.84,1.76)	.19	.19	0.3114	> .10
	poor_healthTRUE:sedentaryTRUE	.76	(.51,1.12)	-.28	.2	0.1601	> .10
	poor_healthTRUE:current_work_2TRUE	.63	(.41,.96)	-.46	.22	0.0325	<=.05
	poor_healthTRUE:current_drinkTRUE	.78	(.54,1.14)	-.24	.19	0.2023	> .10
	sedentaryTRUE:current_work_2TRUE	.96	(.61,1.48)	-.04	.22	0.8447	> .10
	sedentaryTRUE:current_drinkTRUE	.88	(.59,1.32)	-.13	.21	0.5315	> .10
	current_work_2TRUE:current_drinkTRUE	.91	(.6,1.41)	-.09	.22	0.6784	> .10

best

solution of model **best** fit to data from **tilda** study

logLik	dev	AIC	BIC	df_Null	df_Model	df_drop
-5254.911	10509.82	10543.8	10670	12327	12311	16

sign	coef_name	odds	odds_ci	est	se	p	sign_
***	(Intercept)	.1	(.08,.13)	-2.26	.11	0.0000	<=.001
	femaleTRUE	.74	(.61,.89)	-.31	.1	0.0016	<=.01
*	singleTRUE	1.51	(1.35,1.68)	.41	.06	0.0000	<=.001
*	poor_healthTRUE	1.35	(1.19,1.53)	.3	.06	0.0000	<=.001
*	sedentaryTRUE	1.53	(1.37,1.7)	.42	.05	0.0000	<=.001
*	current_work_2TRUE	.77	(.67,.9)	-.26	.08	0.0007	<=.001
*	current_drinkTRUE	1.46	(1.21,1.77)	.38	.1	0.0001	<=.001
*	femaleFALSE:age_in_years_70	.96	(.96,.97)	-.04	0	0.0000	<=.001
*	femaleTRUE:age_in_years_70	.95	(.94,.96)	-.05	0	0.0000	<=.001
	poor_healthTRUE:age_in_years_70	1	(.99,1.01)	0	.01	0.5072	> .10
	poor_healthTRUE:current_work_2TRUE	.79	(.6,1.04)	-.23	.14	0.1001	> .10
.	femaleFALSE:educ3_f(< HS)	1.22	(.96,1.55)	.2	.12	0.0987	<=.10
	femaleTRUE:educ3_f(< HS)	1.17	(.95,1.45)	.16	.11	0.1384	> .10
	femaleFALSE:educ3_f(HS <)	.8	(.59,1.1)	-.22	.16	0.1726	> .10
	femaleTRUE:educ3_f(HS <)	.85	(.63,1.14)	-.16	.15	0.2884	> .10
	current_drinkTRUE:educ3_f(< HS)	1.02	(.81,1.3)	.02	.12	0.8451	> .10
	current_drinkTRUE:educ3_f(HS <)	.96	(.7,1.33)	-.04	.17	0.8151	> .10

Contexts

session

sessionInfo()

```
R version 3.2.5 (2016-04-14)
Platform: x86_64-w64-mingw32/x64 (64-bit)
Running under: Windows >= 8 x64 (build 9200)

locale:
[1] LC_COLLATE=English_United States.1252  LC_CTYPE=English_United States.1252    LC_MONETARY=English_Un
[4] LC_NUMERIC=C                           LC_TIME=English_United States.1252

attached base packages:
[1] stats     graphics  grDevices utils     datasets  methods   base

other attached packages:
[1] knitr_1.12.3  MASS_7.3-45   glmulti_1.0.7 rJava_0.9-8   ggplot2_2.1.0 magrittr_1.5

loaded via a namespace (and not attached):
 [1] Rcpp_0.12.5         RColorBrewer_1.1-2 formatR_1.3        plyr_1.8.3         highr_0.5.1        tool
 [7] extrafont_0.17      digest_0.6.9       jsonlite_0.9.20    evaluate_0.9       gtable_0.2.0       DBI_
[13] yaml_2.1.13         parallel_3.2.5     Rttf2pt1_1.3.3     dplyr_0.4.3        stringr_1.0.0      html
[19] grid_3.2.5          DT_0.1.40          R6_2.1.2           rmarkdown_0.9.6    tidyr_0.4.1        ext
[25] scales_0.4.0        htmltools_0.3.5    rsconnect_0.4.2.1  assertthat_0.1     dichromat_2.0-0    tes
[31] colorspace_1.2-6    stringi_1.0-1      lazyeval_0.1.10    munsell_0.4.3
```