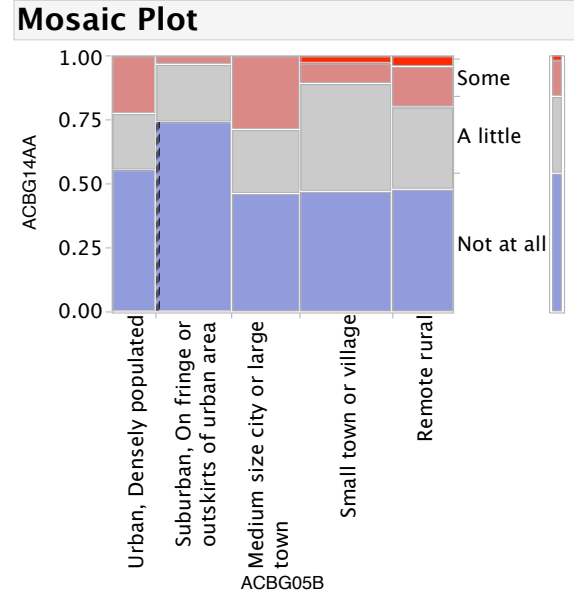


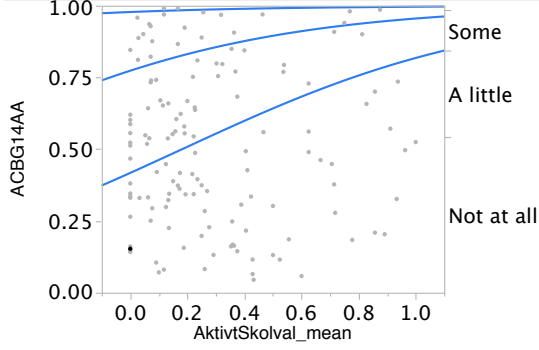
How much is your school's capacity to provide instruction affected by a shortage or inadequacy of the following?

Fit Group

Contingency Analysis of ACBG14AA By ACBG05B



Logistic Fit of ACBG14AA By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	3.77821	1	7.556412	0.0060*
Full	140.63294			
Reduced	144.41114			

RSquare (U)	0.0262
AICc	289.562
BIC	301.032
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-0.3328704	0.2514028	1.75	0.1855
Intercept[A little]	1.2286629	0.2825743	18.91	<.0001*
Intercept[Some]	3.79834078	0.7275273	27.26	<.0001*
AktivtSkolval_mean	1.83538848	0.6906373	7.06	0.0079*

Tests

N	DF	-LogLike	RSquare (U)
140	12	9.0676770	0.0628

Test ChiSquare Prob>ChiSq

Likelihood Ratio	18.135	0.1116
Pearson	17.386	0.1356

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14AB By ACBG05B

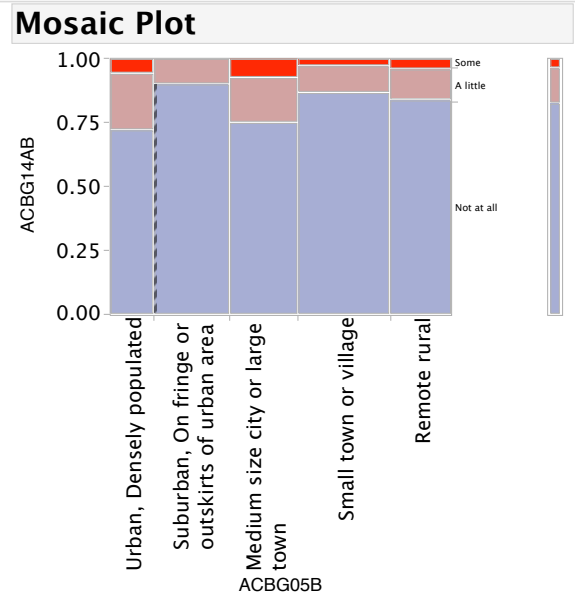
Logistic Fit of ACBG14AB By AktivtSkolval_mean



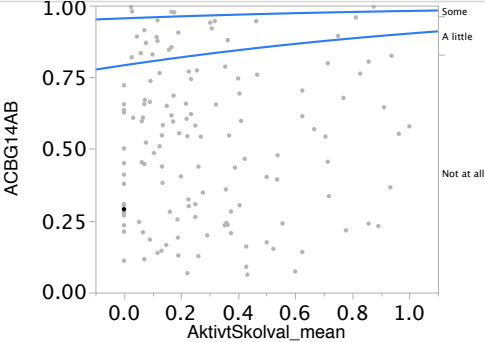
- ACBG14AA
- Instructional materials (e.g., textbooks)
- GEN\SHORTAGE\GEN\INSTRUCTIONAL MATERIAL ACBG14AB
- GEN\SHORTAGE\GEN\SUPPLIES ACBG14AC
- GEN\SHORTAGE\GEN\SCHOOL BUILDINGS ACBG14AD
- GEN\SHORTAGE\GEN\HEATING SYSTEMS ACBG14AE
- GEN\SHORTAGE\GEN\INSTRUCTIONAL SPACE ACBG14AF
- GEN\SHORTAGE\GEN\TECHNOLOGICAL STAFF ACBG14AG
- GEN\SHORTAGE\GEN\AUDIO VISUAL RESOURCES ACBG14AH
- GEN\SHORTAGE\GEN\COMPUTER TECHNOLOGY ACBG14AI
- GEN\SHORTAGE\GEN\RESOURCES STD WITH DISAB

Fit Group

Contingency Analysis of ACBG14AB By ACBG05B



Logistic Fit of ACBG14AB By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.485534	1	0.971068	0.3244
Full	75.936413			
Reduced	76.421947			

RSquare (U)	0.0064
AICc	158.049
BIC	166.698
Observations (or Sum Wgts)	140

Tests

N	DF	-LogLike	RSquare (U)
140	8	2.9560283	0.0387

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	5.912	0.6571
Pearson	5.175	0.7387

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14AC By ACBG05B

Parameter Estimates

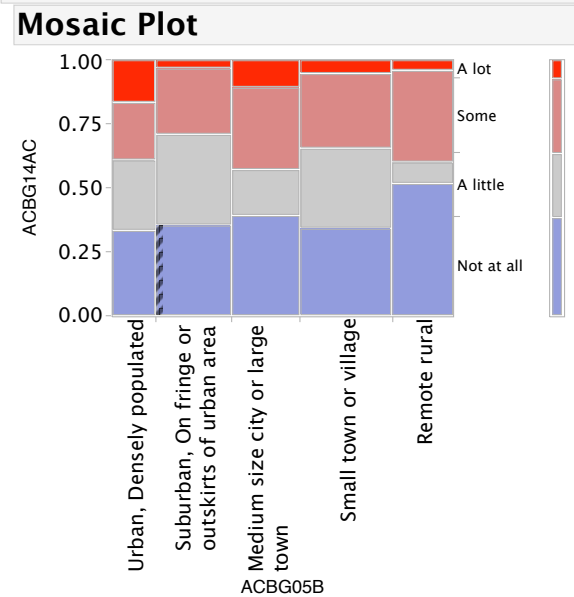
Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	1.33563812	0.322861	17.11	<.0001*
Intercept[A little]	3.06221146	0.508236	36.30	<.0001*
AktivtSkolval_mean	0.88803062	0.9237097	0.92	0.3364

Logistic Fit of ACBG14AC By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG14AC By ACBG05B



Tests

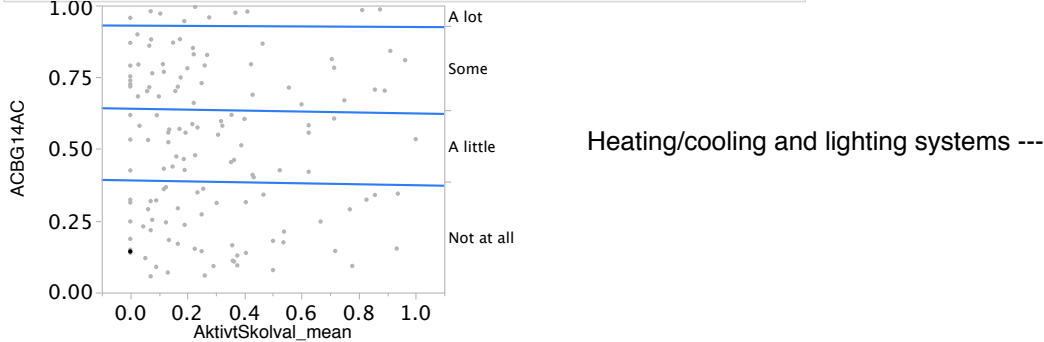
N	DF	-LogLike	RSquare (U)
140	12	6.1780275	0.0350

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	12.356	0.4175
Pearson	11.987	0.4467

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14AD By ACBG05B

Logistic Fit of ACBG14AC By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.00717	1	0.01435	0.9046
Full	176.69814			
Reduced	176.70531			

RSquare (U)	0.0000
AICc	361.693
BIC	373.163
Observations (or Sum Wgts)	140

Parameter Estimates

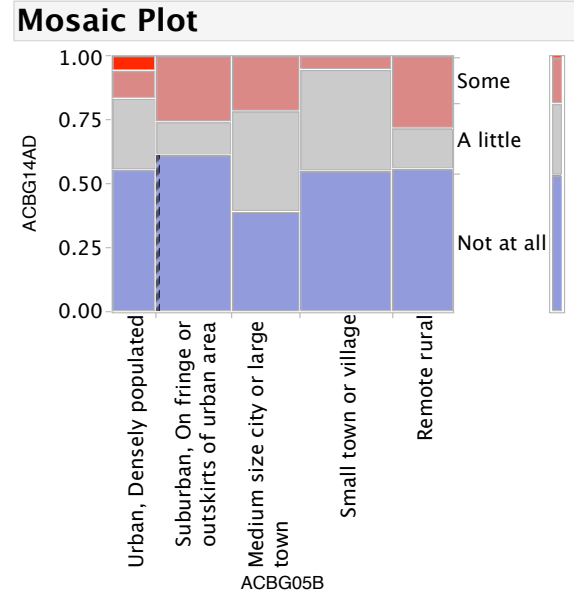
Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-0.444807	0.241462	3.39	0.0655
Intercept[A little]	0.57731809	0.2435458	5.62	0.0178*
Intercept[Some]	2.58556934	0.3695353	48.96	<.0001*
AktivtSkolval_mean	-0.0711531	0.5788743	0.02	0.9022

Logistic Fit of ACBG14AD By AktivtSkolval_mean

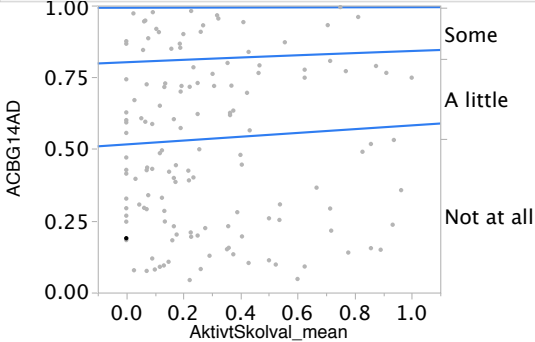


Fit Group

Contingency Analysis of ACBG14AD By ACBG05B



Logistic Fit of ACBG14AD By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.09712	1	0.194235	0.6594
Full	144.57041			
Reduced	144.66753			

RSquare (U)	0.0007
AICc	297.437
BIC	308.907
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	0.06406158	0.2447906	0.07	0.7936
Intercept[A little]	1.4011371	0.2775317	25.49	<.0001*
Intercept[Some]	4.85982533	1.0183044	22.78	<.0001*
AktivtSkolval_mean	0.26823967	0.6132398	0.19	0.6618

Tests

N	DF	-LogLike	RSquare (U)
140	12	10.329348	0.0714

Test ChiSquare Prob>ChiSq

Likelihood Ratio	20.659	0.0556
Pearson	21.725	0.0407*

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

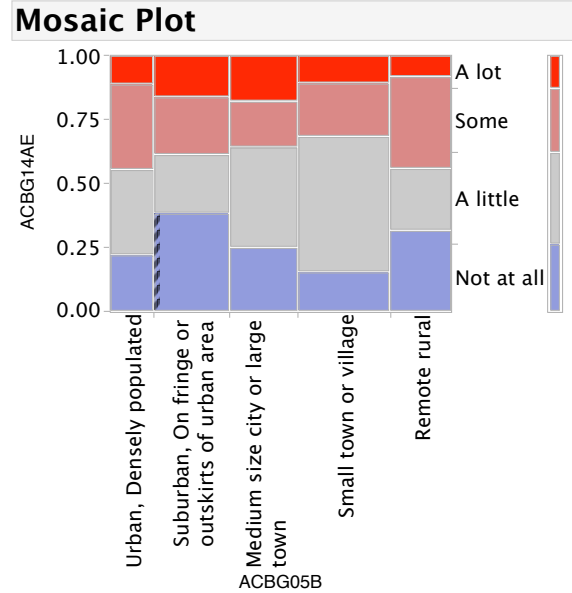
Contingency Analysis of ACBG14AE By ACBG05B

Logistic Fit of ACBG14AE By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG14AE By ACBG05B



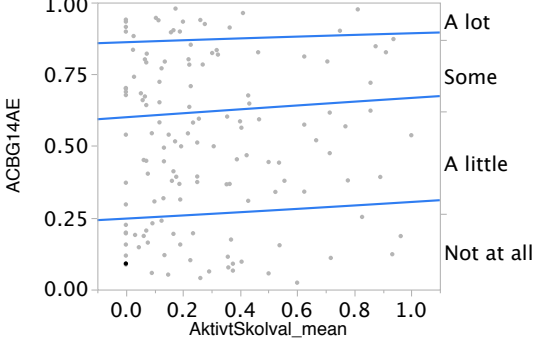
Tests

	N	DF	-LogLike	RSquare (U)
	140	12	6.7060732	0.0360
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	13.412		0.3398	
Pearson	13.519		0.3325	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14AF By ACBG05B

Logistic Fit of ACBG14AE By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.12874	1	0.257489	0.6119
Full	186.03221			
Reduced	186.16095			
RSquare (U)	0.0007			
AICc	380.361			
BIC	391.831			
Observations (or Sum Wgts)	140			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-1.1142743	0.2569898	18.80	<.0001*
Intercept[A little]	0.40646591	0.2398781	2.87	0.0902
Intercept[Some]	1.82935838	0.299371	37.34	<.0001*
AktivtSkolval_mean	0.29063568	0.5751373	0.26	0.6133

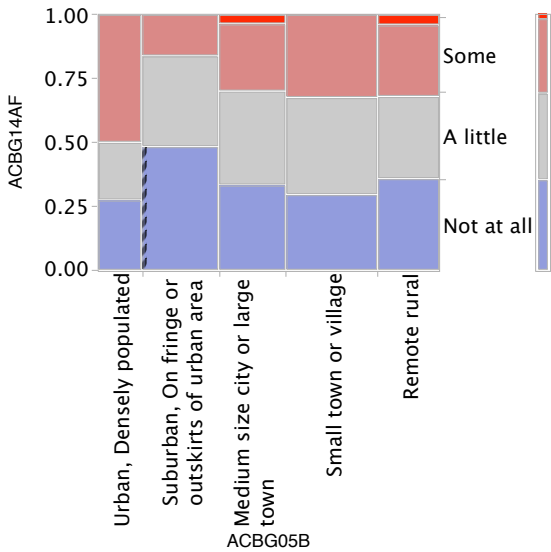
Logistic Fit of ACBG14AF By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG14AF By ACBG05B

Mosaic Plot



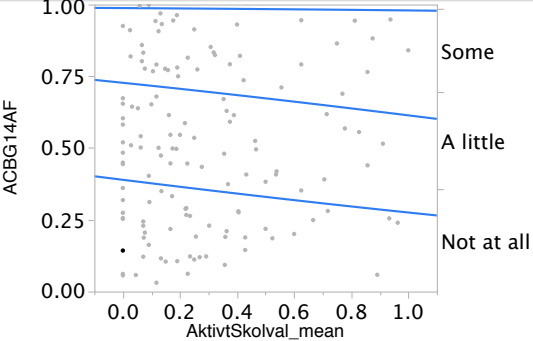
Tests

	N	DF	-LogLike	RSquare (U)
	138	12	5.8285323	0.0366
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	11.657		0.4736	
Pearson	11.225		0.5097	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14AG By ACBG05B

Logistic Fit of ACBG14AF By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.38608	1	0.772161	0.3795
Full	158.97732			
Reduced	159.36340			

RSquare (U)	0.0024
AICc	326.255
BIC	337.664
Observations (or Sum Wgts)	138

Parameter Estimates

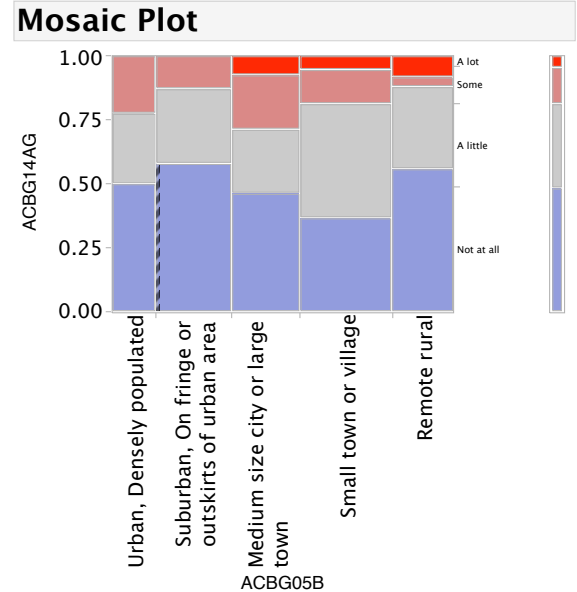
Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-0.4505438	0.2429473	3.44	0.0637
Intercept[A little]	0.98086396	0.2549946	14.80	0.0001*
Intercept[Some]	4.38013173	0.7367818	35.34	<.0001*
AktivtSkolval_mean	-0.5173675	0.5890408	0.77	0.3798

Logistic Fit of ACBG14AG By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG14AG By ACBG05B



Tests

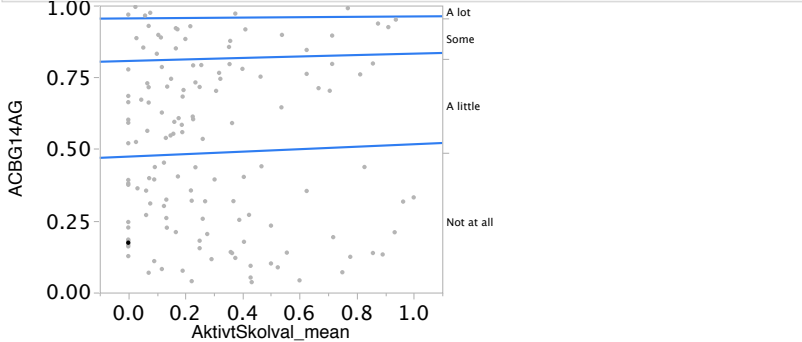
N	DF	-LogLike	RSquare (U)
140	12	6.9689028	0.0441

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	13.938	0.3047
Pearson	11.656	0.4737

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14AH By ACBG05B

Logistic Fit of ACBG14AG By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.03884	1	0.077686	0.7805
Full	158.08187			
Reduced	158.12071			

RSquare (U)	0.0002
AICc	324.46
BIC	335.93
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-0.1059177	0.2426893	0.19	0.6625
Intercept[A little]	1.42938507	0.276532	26.72	<.0001*
Intercept[Some]	3.05648728	0.4503611	46.06	<.0001*
AktivtSkolval_mean	0.17234879	0.6002004	0.08	0.7740

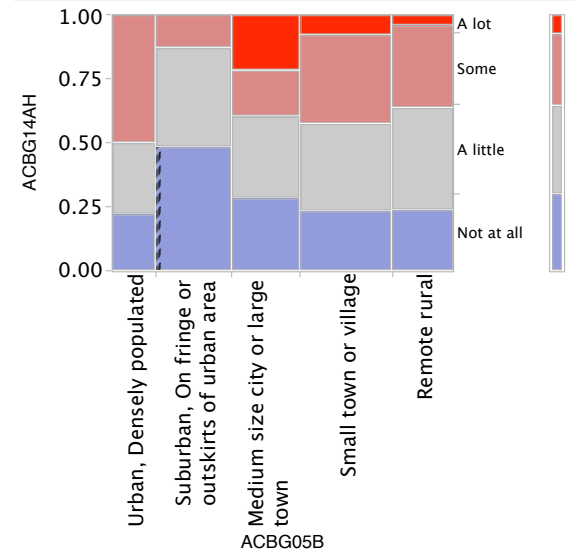
Logistic Fit of ACBG14AH By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG14AH By ACBG05B

Mosaic Plot



Tests

N	DF	-LogLike	RSquare (U)
140	12	12.493654	0.0701

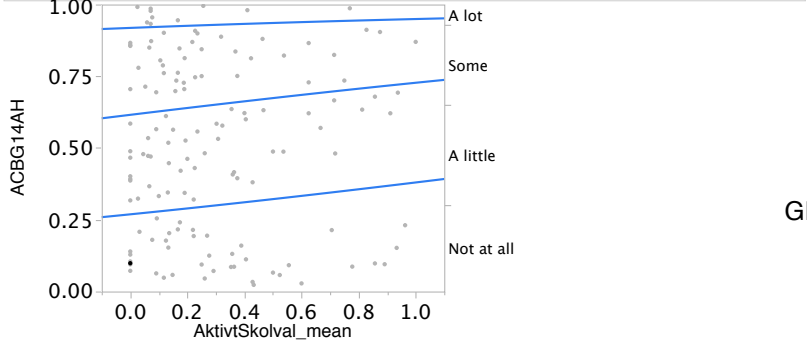
Test ChiSquare Prob>ChiSq

Likelihood Ratio	24.987	0.0149*
Pearson	24.564	0.0170*

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14AI By ACBG05B

Logistic Fit of ACBG14AH By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.38780	1	0.7756	0.3785
Full	177.85607			
Reduced	178.24387			

RSquare (U)	0.0022
AICc	364.008
BIC	375.479
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-0.9999003	0.2537676	15.53	<.0001*
Intercept[A little]	0.4710899	0.2414867	3.81	0.0511
Intercept[Some]	2.42207242	0.3634211	44.42	<.0001*
AktivtSkolval_mean	0.51022462	0.5802252	0.77	0.3792

- ACBG14AA
- GEN\SHORTAGE\GEN\INSTRUCTIONAL MATERIAL ACBG14AB
- GEN\SHORTAGE\GEN\SUPPLIES ACBG14AC
- GEN\SHORTAGE\GEN\SCHOOL BUILDINGS ACBG14AD
- GEN\SHORTAGE\GEN\HEATING SYSTEMS ACBG14AE
- GEN\SHORTAGE\GEN\INSTRUCTIONAL SPACE ACBG14AF
- GEN\SHORTAGE\GEN\TECHNOLOGICAL STAFF ACBG14AG
- GEN\SHORTAGE\GEN\AUDIO VISUAL RESOURCES ACBG14AH
- GEN\SHORTAGE\GEN\COMPUTER TECHNOLOGY ACBG14AI

Logistic Fit of ACBG14AI By AktivtSkolval_mean

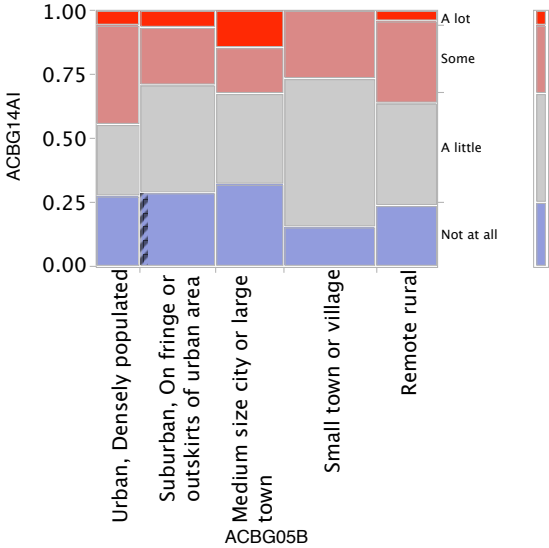


GEN\SHORTAGE\GEN\RESOURCES STD WITH DISAB

Fit Group

Contingency Analysis of ACBG14AI By ACBG05B

Mosaic Plot



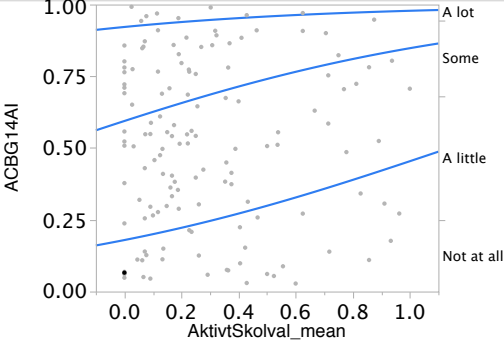
Tests

	N	DF	-LogLike	RSquare (U)
	140	12	7.4376966	0.0434
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	14.875		0.2483	
Pearson	13.709		0.3197	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14BA By ACBG05B

Logistic Fit of ACBG14AI By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	2.56576	1	5.131521	0.0235*
Full	168.92683			
Reduced	171.49259			
RSquare (U)	0.0150			
AICc	346.15			
BIC	357.62			
Observations (or Sum Wgts)	140			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-1.5209177	0.2765708	30.26	0.0001*
Intercept[A little]	0.38111372	0.2416895	2.49	0.1148
Intercept[Some]	2.46657216	0.3919464	39.60	<.0001*
AktivtSkolval_mean	1.33635874	0.5991695	4.97	0.0257*

Logistic Fit of ACBG14BA By AktivtSkolval_mean

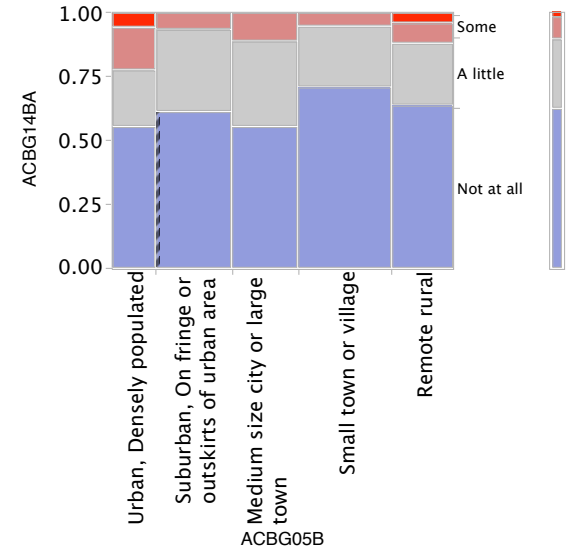


ACBG14AA
Resources for students with disabilities --
GEN\SHORTAGE\GEN\INSTRUCTIONAL MATERIAL
ACBG14AB
GEN\SHORTAGE\GEN\SUPPLIES
ACBG14AC
GEN\SHORTAGE\GEN\SCHOOL BUILDINGS
ACBG14AD
GEN\SHORTAGE\GEN\HEATING SYSTEMS
ACBG14AE
GEN\SHORTAGE\GEN\INSTRUCTIONAL SPACE
ACBG14AF
GEN\SHORTAGE\GEN\TECHNOLOGICAL STAFF
ACBG14AG
GEN\SHORTAGE\GEN\AUDIO VISUAL RESOURCES
ACBG14AH
GEN\SHORTAGE\GEN\COMPUTER TECHNOLOGY
ACBG14AI
GEN\SHORTAGE\GEN\RESOURCES STD WITH DISAB

Fit Group

Contingency Analysis of ACBG14BA By ACBG05B

Mosaic Plot



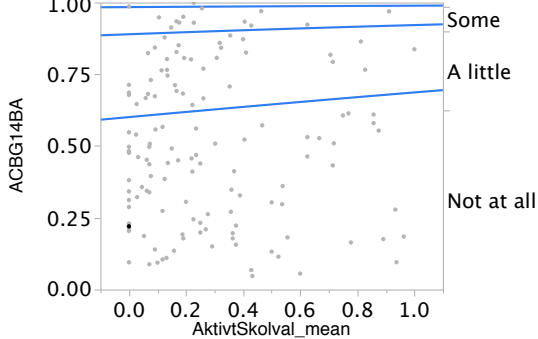
Tests

	N	DF	-LogLike	RSquare (U)
	139	12	4.3185060	0.0338
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	8.637		0.7336	
Pearson	8.757		0.7235	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14BB By ACBG05B

Logistic Fit of ACBG14BA By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.16733	1	0.334662	0.5629
Full	127.75709			
Reduced	127.92442			
RSquare (U)	0.0013			
AICc	263.813			
BIC	275.252			
Observations (or Sum Wgts)	139			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	0.40855418	0.2547504	2.57	0.1088
Intercept[A little]	2.08479139	0.3340234	38.96	<.0001*
Intercept[Some]	4.12163748	0.7336956	31.56	<.0001*
AktivtSkolval_mean	0.37617821	0.655636	0.33	0.5661

Logistic Fit of ACBG14BB By AktivtSkolval_mean



ACBG14BA

GEN\SHORTAGE\MAT\TEACH SPEC MATH
ACBG14BB

GEN\SHORTAGE\MAT\COMPUTER SOFTWARE
ACBG14BC

GEN\SHORTAGE\MAT\LIBRARY RESOURCES
ACBG14BD

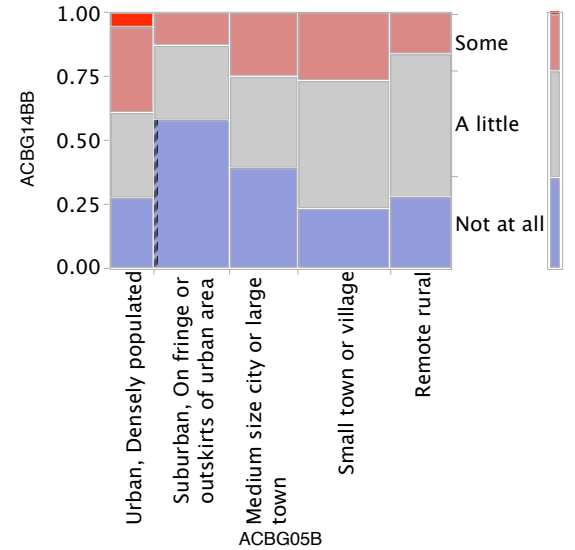
GEN\SHORTAGE\MAT\CALCULATORS
ACBG14BE

GEN\SHORTAGE\MAT\CONCRETE OBJECTS

Fit Group

Contingency Analysis of ACBG14BB By ACBG05B

Mosaic Plot



Tests

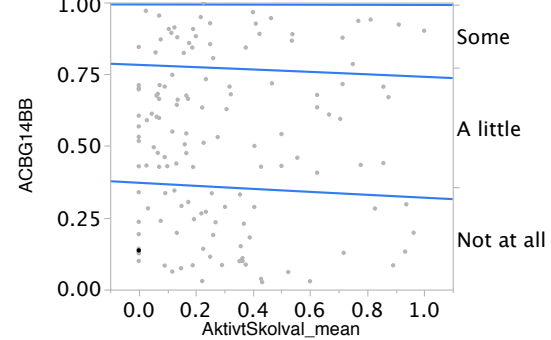
N	DF	-LogLike	RSquare (U)
140	12	8.5651273	0.0555

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	17.130	0.1448
Pearson	20.139	0.0645

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14BC By ACBG05B

Logistic Fit of ACBG14BB By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.07590	1	0.151795	0.6968
Full	154.19359			
Reduced	154.26949			

RSquare (U)	0.0005
AICc	316.683
BIC	328.154
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-0.5240635	0.2444076	4.60	0.0320*
Intercept[A little]	1.28183968	0.2664912	23.14	<.0001*
Intercept[Some]	5.00330011	1.0193154	24.09	<.0001*
AktivtSkolval_mean	-0.2299014	0.5884657	0.15	0.6960

Logistic Fit of ACBG14BC By AktivtSkolval_mean

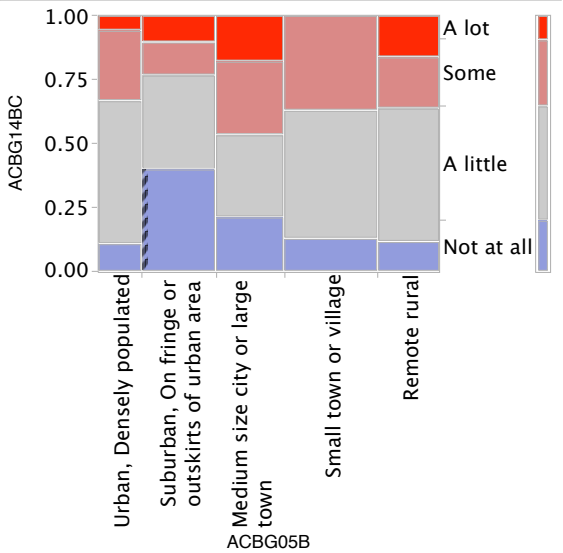


ACBG14BA
GEN\SHORTAGE\MAT\TEACH SPEC MATH
ACBG14BB
GEN\SHORTAGE\MAT\COMPUTER SOFTWARE
ACBG14BC
GEN\SHORTAGE\MAT\LIBRARY RESOURCES
ACBG14BD
GEN\SHORTAGE\MAT\CALCULATORS
ACBG14BE
GEN\SHORTAGE\MAT\CONCRETE OBJECTS

Fit Group

Contingency Analysis of ACBG14BC By ACBG05B

Mosaic Plot



Tests

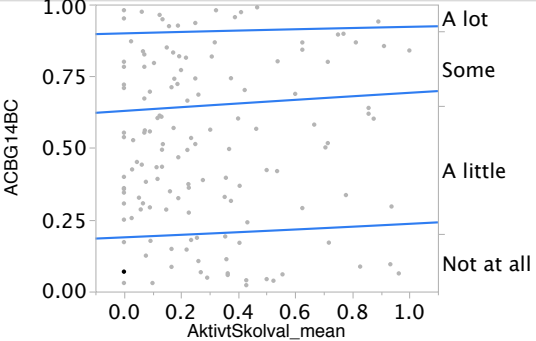
N	DF	-LogLike	RSquare (U)
139	12	12.167541	0.0698

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	24.335	0.0183*
Pearson	22.020	0.0373*

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14BD By ACBG05B

Logistic Fit of ACBG14BC By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.11709	1	0.234176	0.6284
Full	174.23971			
Reduced	174.35680			

RSquare (U)	0.0007
AICc	356.778
BIC	368.217
Observations (or Sum Wgts)	139

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-1.4582468	0.2752237	28.07	<.0001*
Intercept[A little]	0.52877638	0.2448126	4.67	0.0308*
Intercept[Some]	2.19094973	0.3345626	42.89	<.0001*
AktivtSkolval_mean	0.28249998	0.5867318	0.23	0.6302

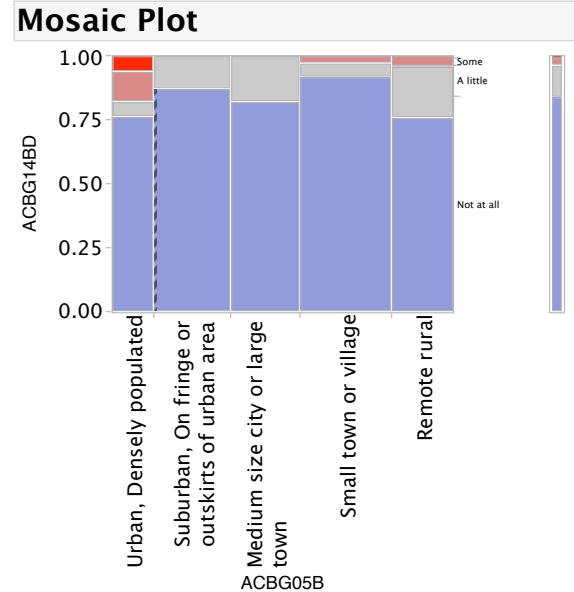
Logistic Fit of ACBG14BD By AktivtSkolval_mean



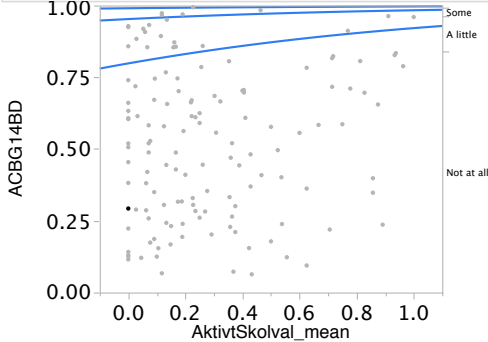
ACBG14BA
GEN\SHORTAGE\MAT\TEACH SPEC MATH
ACBG14BB
GEN\SHORTAGE\MAT\COMPUTER SOFTWARE
ACBG14BC
GEN\SHORTAGE\MAT\LIBRARY RESOURCES
ACBG14BD
GEN\SHORTAGE\MAT\CALCULATORS
ACBG14BE
GEN\SHORTAGE\MAT\CONCRETE OBJECTS

Fit Group

Contingency Analysis of ACBG14BD By ACBG05B



Logistic Fit of ACBG14BD By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.690910	1	1.38182	0.2398
Full	74.143832			
Reduced	74.834742			

RSquare (U)	0.0092
AICc	156.588
BIC	167.997
Observations (or Sum Wgts)	138

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	1.3760271	0.331837	17.20	<.0001*
Intercept[A little]	3.0042757	0.5104534	34.64	<.0001*
Intercept[Some]	4.6446472	1.0300923	20.33	<.0001*
AktivtSkolval_mean	1.08329509	0.9783158	1.23	0.2682

Tests

N	DF	-LogLike	RSquare (U)
138	12	7.5399750	0.1008

Test ChiSquare Prob>ChiSq

Likelihood Ratio	15.080	0.2371
Pearson	18.084	0.1132

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14BE By ACBG05B

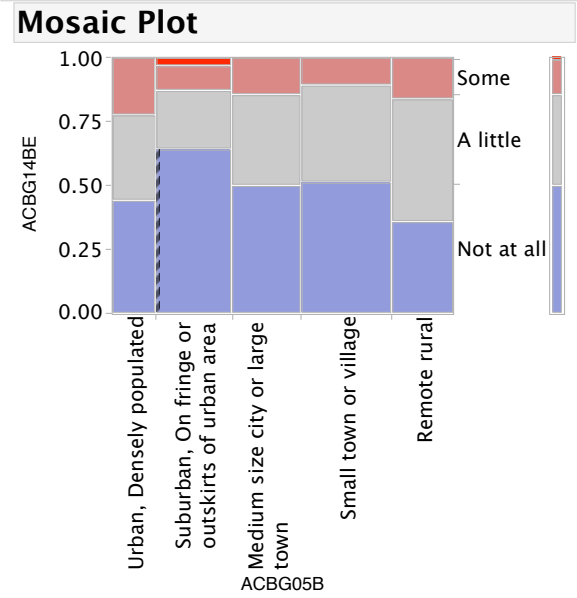
Logistic Fit of ACBG14BE By AktivtSkolval_mean



- ACBG14BA
- GEN\SHORTAGE\MAT\TEACH SPEC MATH
- ACBG14BB
- GEN\SHORTAGE\MAT\COMPUTER SOFTWARE
- ACBG14BC
- GEN\SHORTAGE\MAT\LIBRARY RESOURCES
- ACBG14BD
- GEN\SHORTAGE\MAT\CALCULATORS
- ACBG14BE
- GEN\SHORTAGE\MAT\CONCRETE OBJECTS

Fit Group

Contingency Analysis of ACBG14BE By ACBG05B



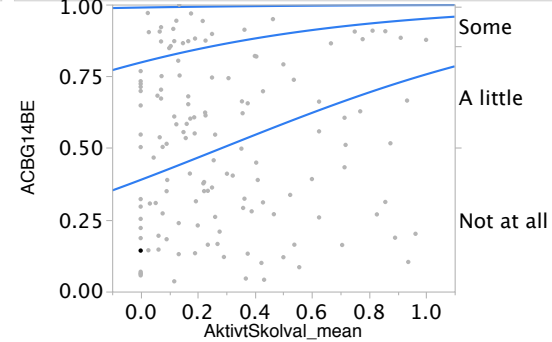
Tests

	N	DF	-LogLike	RSquare (U)
	139	12	4.8521450	0.0342
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	9.704		0.6419	
Pearson	10.182		0.6000	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14CA By ACBG05B

Logistic Fit of ACBG14BE By AktivtSkolval_mean



e) Concrete objects or materials to help students understand quantities or procedure

ACBG14BA

GEN\SHORTAGE\MAT\TEACH SPEC MATH

ACBG14BB

Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	3.27410	1	6.548201	GEN\SHORTAGE\MAT\COMPUTER SOFTWARE
Full	138.57957			ACBG14BC
Reduced	141.85367			
RSquare (U)	0.0231			GEN\SHORTAGE\MAT\LIBRARY RESOURCES
AICc	285.458			ACBG14BD
BIC	296.897			
Observations (or Sum Wgts)	139			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-0.4517427	0.2505454	3.25	0.0714
Intercept[A little]	1.37330846	0.2874315	22.83	0.0001*
Intercept[Some]	4.54269573	1.0141078	20.07	0.0001*
AktivtSkolval_mean	1.58562755	0.6573039	5.82	0.0159*

GEN\SHORTAGE\MAT\CALCULATORS

ACBG14BE

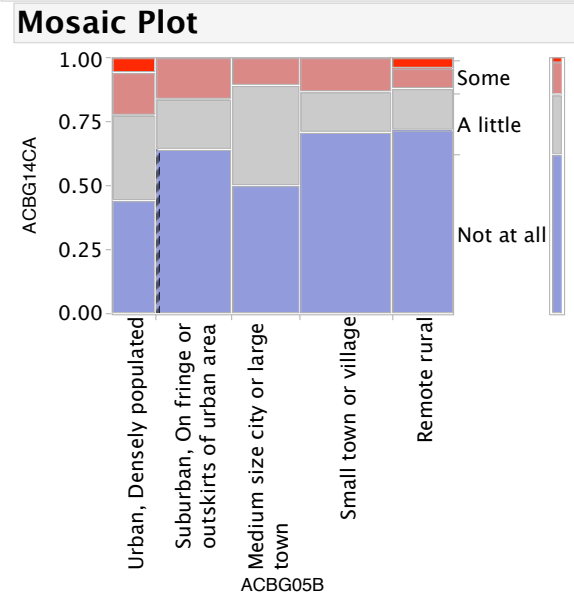
GEN\SHORTAGE\MAT\CONCRETE OBJECTS

Logistic Fit of ACBG14CA By AktivtSkolval_mean

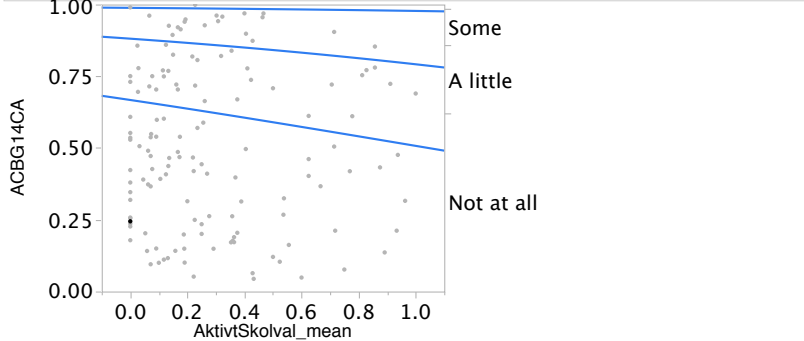


Fit Group

Contingency Analysis of ACBG14CA By ACBG05B



Logistic Fit of ACBG14CA By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.59791	1	1.195827	0.2742
Full	133.90028			
Reduced	134.49820			

RSquare (U)	0.0044
AICc	276.097
BIC	287.567
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	0.69619259	0.2574268	7.31	0.0068*
Intercept[A little]	2.0018339	0.3133928	40.80	<.0001*
Intercept[Some]	4.44508181	0.7415964	35.93	<.0001*
AktivtSkolval_mean	-0.6662143	0.6248443	1.14	0.2863

Tests

N	DF	-LogLike	RSquare (U)
140	12	6.7733169	0.0504

Test ChiSquare Prob>ChiSq

Likelihood Ratio	13.547	0.3306
Pearson	13.667	0.3225

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14CB By ACBG05B

Logistic Fit of ACBG14CB By AktivtSkolval_mean

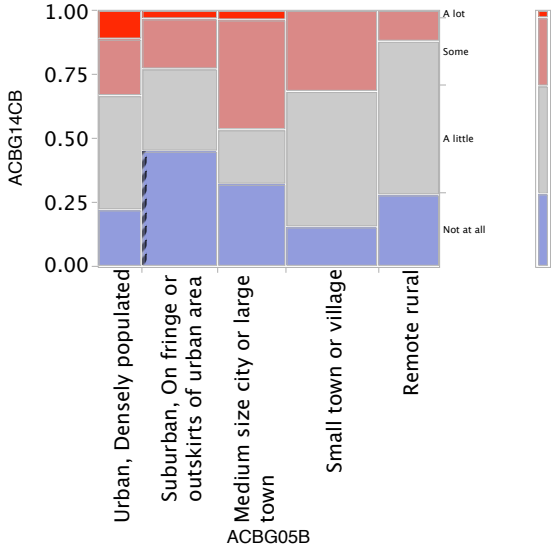


ACBG14CA
GEN\SHORTAGE\SC\TEACH SPEC SCIENCE
ACBG14CB
GEN\SHORTAGE\SC\COMPUTER SOFTWARE
ACBG14CC
GEN\SHORTAGE\SC\LIBRARY RESOURCES
ACBG14CD
GEN\SHORTAGE\SC\SCIENCE EQUIPMENT

Fit Group

Contingency Analysis of ACBG14CB By ACBG05B

Mosaic Plot



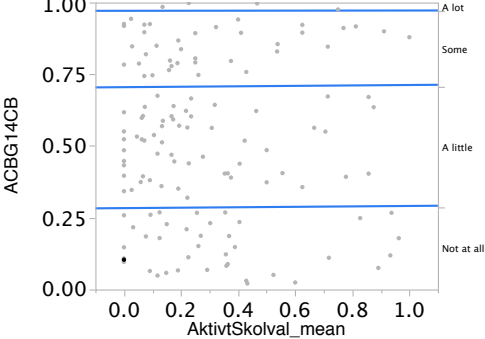
Tests

	N	DF	-LogLike	RSquare (U)
	140	12	12.270613	0.0746
Test	ChiSquare		Prob>ChiSq	
Likelihood Ratio	24.541		0.0172*	
Pearson	24.091		0.0198*	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14CC By ACBG05B

Logistic Fit of ACBG14CB By AktivtSkolval_mean



b) Computer software/ applications for science instruction

GEN\SHORTAGE\SC\TEACH SPEC SCIENCE ACBG14CB

GEN\SHORTAGE\SC\COMPUTER SOFTWARE ACBG14CC

GEN\SHORTAGE\SC\LIBRARY RESOURCES ACBG14CD

GEN\SHORTAGE\SC\SCIENCE EQUIPMENT

Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.00189	1	0.003788	0.9509
Full	164.54902			
Reduced	164.55091			

RSquare (U)	0.0000
AICc	337.394
BIC	348.865
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-0.9265546	0.2530818	13.40	0.0003*
Intercept[A little]	0.87139471	0.251481	12.01	0.0005*
Intercept[Some]	3.51586113	0.5347317	43.23	<.0001*
AktivtSkolval_mean	0.03668939	0.5851835	0.00	0.9500

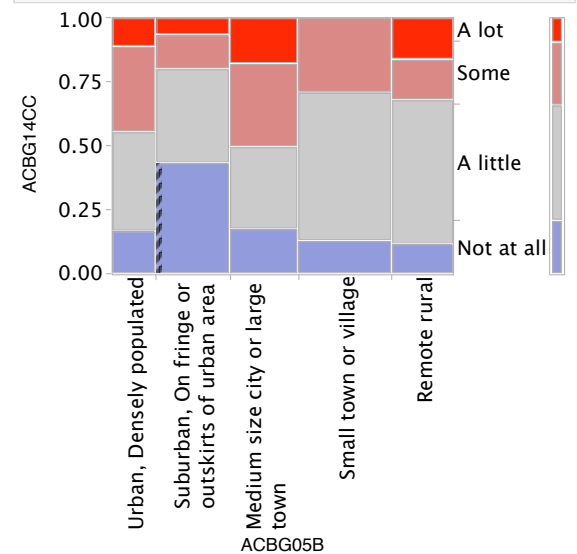
Logistic Fit of ACBG14CC By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG14CC By ACBG05B

Mosaic Plot



Tests

N	DF	-LogLike	RSquare (U)
139	12	13.028809	0.0749

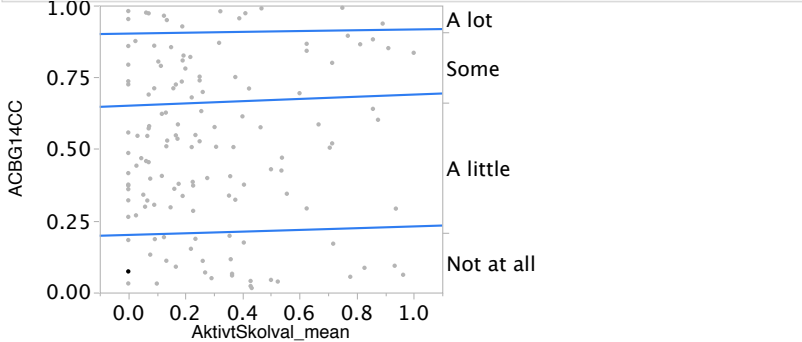
Test ChiSquare Prob>ChiSq

Likelihood Ratio	26.058	0.0105*
Pearson	24.253	0.0188*

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG14CD By ACBG05B

Logistic Fit of ACBG14CC By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.04327	1	0.086541	0.7686
Full	173.93894			
Reduced	173.98221			

RSquare (U)	0.0002
AICc	356.176
BIC	367.616
Observations (or Sum Wgts)	139

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not at all]	-1.3824269	0.2718823	25.85	<.0001*
Intercept[A little]	0.62309539	0.24673	6.38	0.0116*
Intercept[Some]	2.22126548	0.3358565	43.74	<.0001*
AktivtSkolval_mean	0.17556125	0.5870228	0.09	0.7649

Logistic Fit of ACBG14CD By AktivtSkolval_mean



Library resources relevant to science instruction -

ACBG14CA

GEN\SHORTAGE\SC\TEACH SPEC SCIENCE
ACBG14CB

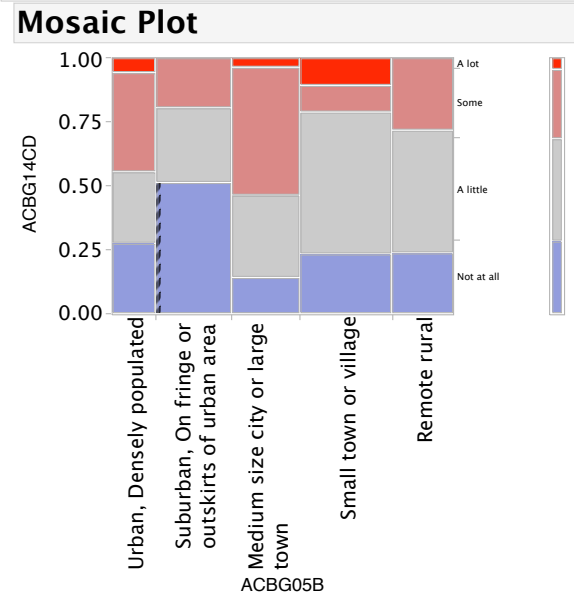
GEN\SHORTAGE\SC\COMPUTER SOFTWARE
ACBG14CC

GEN\SHORTAGE\SC\LIBRARY RESOURCES
ACBG14CD

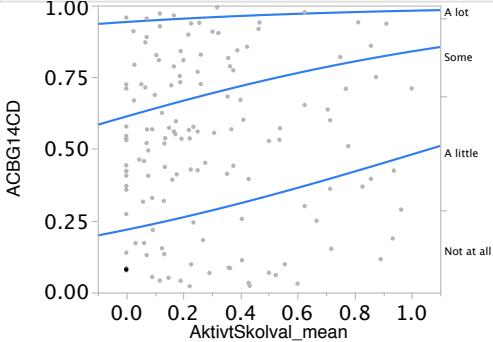
GEN\SHORTAGE\SC\SCIENCE EQUIPMENT

Fit Group

Contingency Analysis of ACBG14CD By ACBG05B



Logistic Fit of ACBG14CD By AktivtSkolval_mean



Science equipment and materials for experiments

Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	2.01155	1	4.023106	0.0449*
Full	167.86468			
Reduced	169.87624			

RSquare (U)	0.0118
AICc	344.026
BIC	355.496
Observations (or Sum Wgts)	140

ACBG14CA

GEN\SHORTAGE\SC\TEACH SPEC SCIENCE
ACBG14CB

GEN\SHORTAGE\SC\COMPUTER SOFTWARE
ACBG14CC

GEN\SHORTAGE\SC\LIBRARY RESOURCES
ACBG14CD

GEN\SHORTAGE\SC\SCIENCE EQUIPMENT

Tests

N	DF	-LogLike	RSquare (U)
140	12	15.254948	0.0898

Test ChiSquare Prob>ChiSq

Likelihood Ratio	30.510	0.0023*
Pearson	29.738	0.0031*

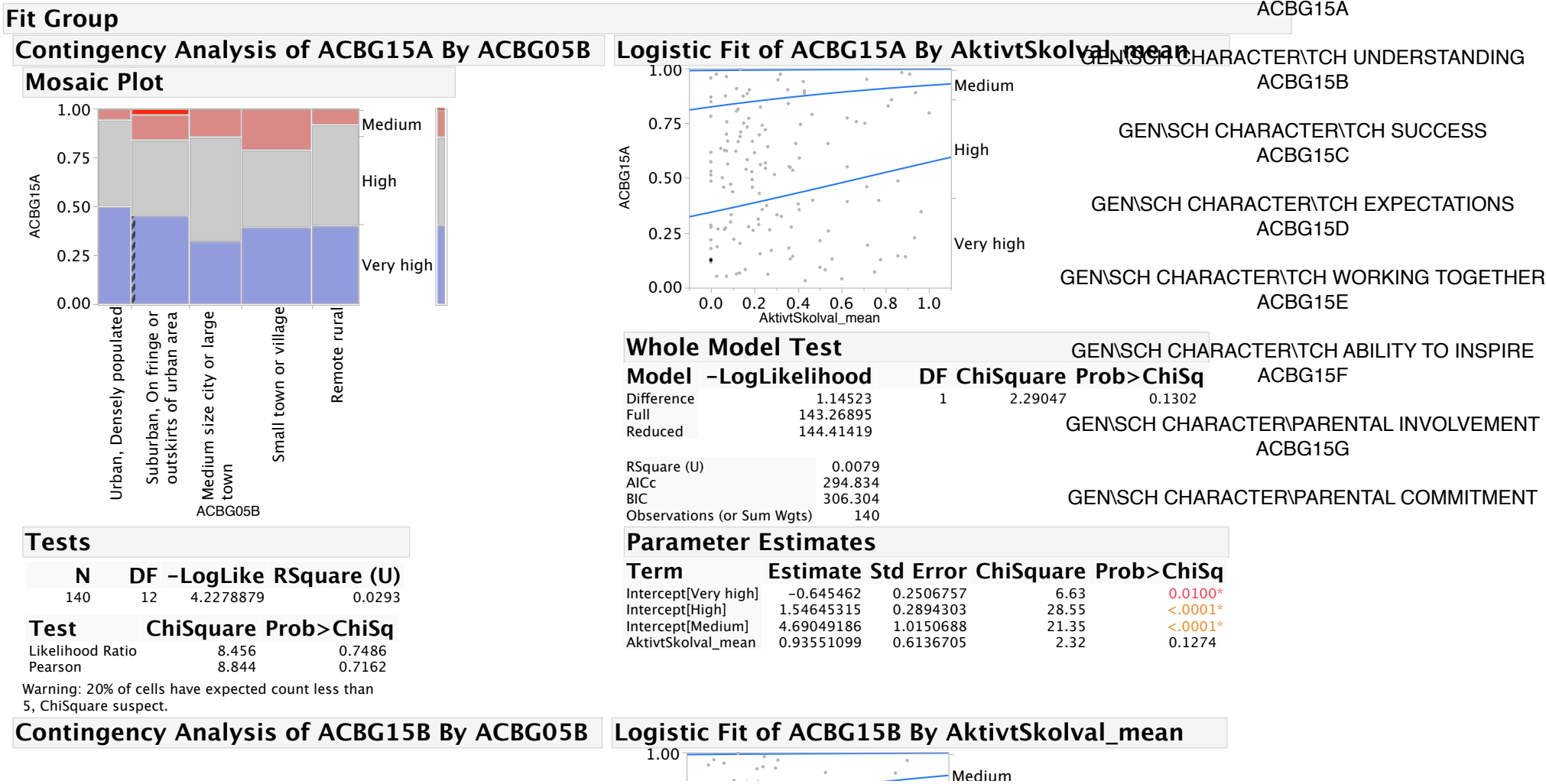
Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15A By ACBG05B

Logistic Fit of ACBG15A By AktivtSkolval_mean



How would you characterize each of the following within your school?



ACBG15A

GEN\SCH CHARACTER\TCH UNDERSTANDING ACBG15B

GEN\SCH CHARACTER\TCH SUCCESS ACBG15C

GEN\SCH CHARACTER\TCH EXPECTATIONS ACBG15D

GEN\SCH CHARACTER\TCH WORKING TOGETHER ACBG15E

GEN\SCH CHARACTER\TCH ABILITY TO INSPIRE ACBG15F

GEN\SCH CHARACTER\PARENTAL INVOLVEMENT ACBG15G

GEN\SCH CHARACTER\PARENTAL COMMITMENT

Tests

	N	DF	-LogLike	RSquare (U)
	140	12	4.2278879	0.0293

Test

ChiSquare

Prob>ChiSq

Likelihood Ratio

8.456

0.7486

Pearson

8.844

0.7162

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

ACBG15B

ACBG15C

ACBG15D

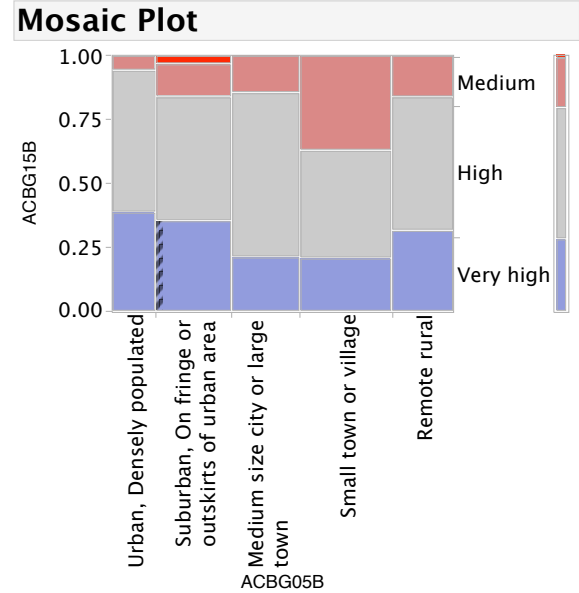
ACBG15E

ACBG15F

ACBG15G

Fit Group

Contingency Analysis of ACBG15B By ACBG05B



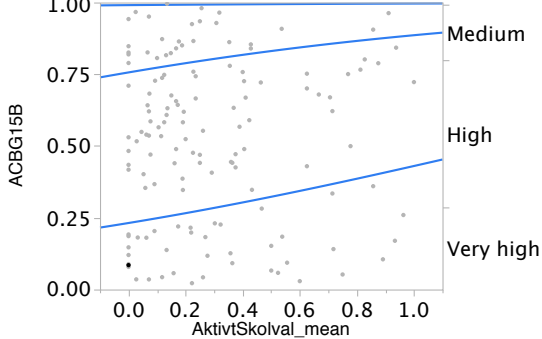
Tests

	N	DF	-LogLike	RSquare (U)
	140	12	7.8662464	0.0534
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	15.732		0.2038	
Pearson	16.710		0.1609	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15C By ACBG05B

Logistic Fit of ACBG15B By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	1.14351	1	2.287024	0.1305
Full	146.22369			
Reduced	147.36721			

RSquare (U)	0.0078
AICc	300.744
BIC	312.214
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-1.198521	0.2668205	20.18	<.0001*
Intercept[High]	1.13322682	0.265188	18.26	<.0001*
Intercept[Medium]	4.69381017	1.0146007	21.40	<.0001*
AktivtSkolval_mean	0.91814501	0.6086926	2.28	0.1315

Logistic Fit of ACBG15C By AktivtSkolval_mean



ACBG15A

GEN\SCH CHARACTER\TCH UNDERSTANDING
ACBG15B

GEN\SCH CHARACTER\TCH SUCCESS
ACBG15C

GEN\SCH CHARACTER\TCH EXPECTATIONS
ACBG15D

GEN\SCH CHARACTER\TCH WORKING TOGETHER
ACBG15E

GEN\SCH CHARACTER\TCH ABILITY TO INSPIRE
ACBG15F

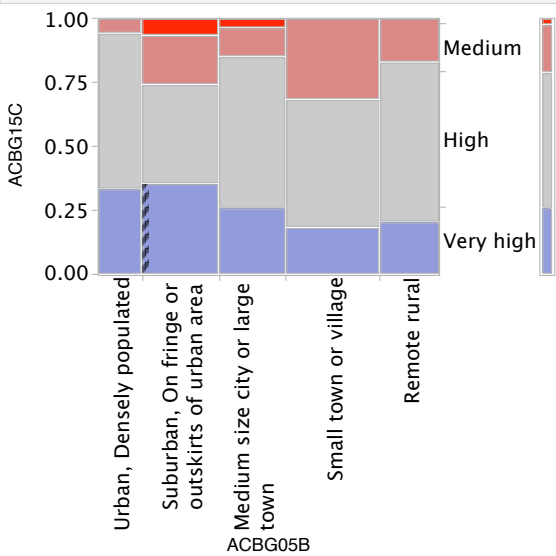
GEN\SCH CHARACTER\TCH PARENTAL INVOLVEMENT
ACBG15G

GEN\SCH CHARACTER\TCH PARENTAL COMMITMENT

Fit Group

Contingency Analysis of ACBG15C By ACBG05B

Mosaic Plot



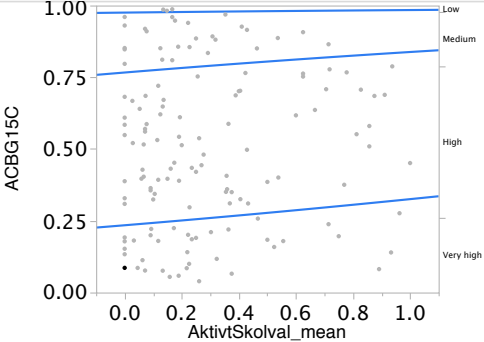
Tests

	N	DF	-LogLike	RSquare (U)
	138	12	8.1113071	0.0542
Test	ChiSquare	Prob>ChiSq		
Likelihood Ratio	16.223	0.1813		
Pearson	15.135	0.2341		

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15D By ACBG05B

Logistic Fit of ACBG15C By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.29518	1	0.590357	0.4423
Full	149.44926			
Reduced	149.74444			
RSquare (U)	0.0020			
AICc	307.199			
BIC	318.608			
Observations (or Sum Wgts)	138			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-1.1839704	0.2697603	19.26	<.0001*
Intercept[High]	1.18895999	0.2701171	19.37	<.0001*
Intercept[Medium]	3.67809126	0.6068327	36.74	<.0001*
AktivtSkolval_mean	0.45472235	0.6108608	0.55	0.4566

Logistic Fit of ACBG15D By AktivtSkolval_mean

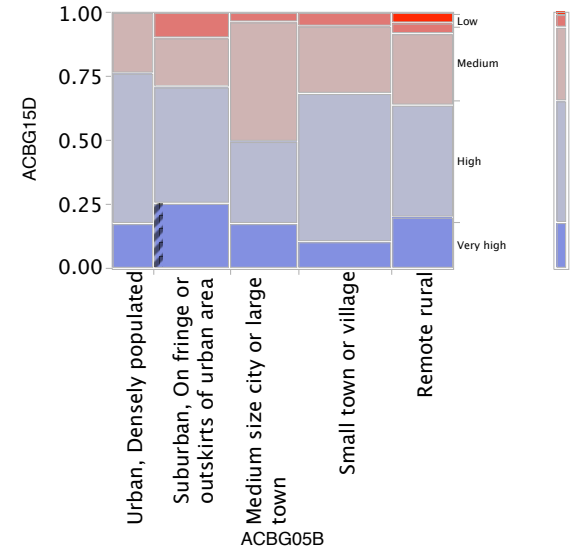


- ACBG15A
- GEN\SCH CHARACTER\TCH UNDERSTANDING ACBG15B
- GEN\SCH CHARACTER\TCH SUCCESS ACBG15C
- GEN\SCH CHARACTER\TCH EXPECTATIONS ACBG15D
- GEN\SCH CHARACTER\TCH WORKING TOGETHER ACBG15E
- GEN\SCH CHARACTER\TCH ABILITY TO INSPIRE ACBG15F
- GEN\SCH CHARACTER\TCH PARENTAL INVOLVEMENT ACBG15G
- GEN\SCH CHARACTER\TCH PARENTAL COMMITMENT

Fit Group

Contingency Analysis of ACBG15D By ACBG05B

Mosaic Plot



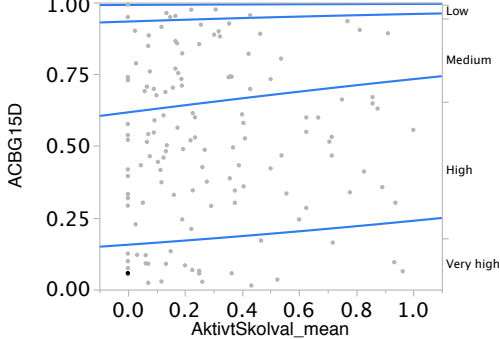
Tests

	N	DF	-LogLike	RSquare (U)
	139	16	7.7739043	0.0463
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	15.548		0.4849	
Pearson	16.257		0.4352	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15E By ACBG05B

Logistic Fit of ACBG15D By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.42223	1	0.844469	0.3581
Full	167.30398			
Reduced	167.72622			
RSquare (U)	0.0025			
AICc	345.059			
BIC	359.28			
Observations (or Sum Wgts)	139			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-1.6880748	0.2882644	34.29	<.0001*
Intercept[High]	0.47775461	0.244819	3.81	0.0510
Intercept[Medium]	2.6455978	0.3971811	44.37	<.0001*
Intercept[Low]	4.78017446	1.0152697	22.17	<.0001*
AktivtSkolval_mean	0.53234752	0.5951344	0.80	0.3711

Logistic Fit of ACBG15E By AktivtSkolval_mean



ACBG15A

GEN\SCH CHARACTER\TCH UNDERSTANDING
ACBG15B

GEN\SCH CHARACTER\TCH SUCCESS
ACBG15C

GEN\SCH CHARACTER\TCH EXPECTATIONS
ACBG15D

GEN\SCH CHARACTER\TCH WORKING TOGETHER
ACBG15E

GEN\SCH CHARACTER\TCH ABILITY TO INSPIRE
ACBG15F

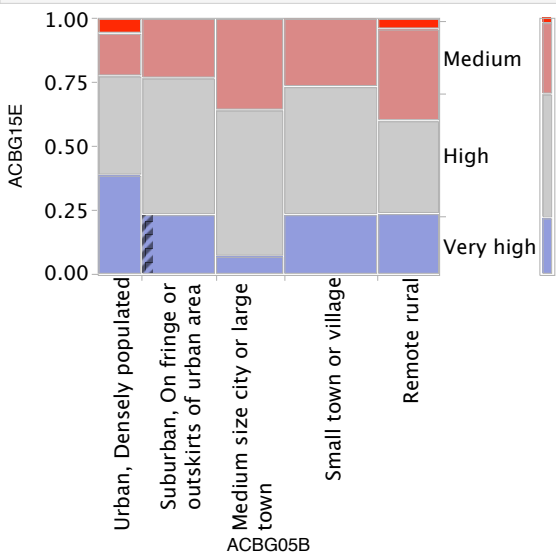
GEN\SCH CHARACTER\PARENTAL INVOLVEMENT
ACBG15G

GEN\SCH CHARACTER\PARENTAL COMMITMENT

Fit Group

Contingency Analysis of ACBG15E By ACBG05B

Mosaic Plot



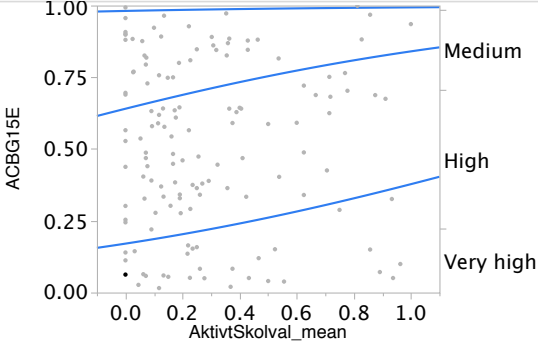
Tests

	N	DF	-LogLike	RSquare (U)
	139	12	7.3562776	0.0479
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	14.713		0.2575	
Pearson	13.835		0.3114	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15F By ACBG05B

Logistic Fit of ACBG15E By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	1.52427	1	3.048537	0.0808
Full	151.93440			
Reduced	153.45867			

RSquare (U)	0.0099
AICc	312.167
BIC	323.607
Observations (or Sum Wgts)	139

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-1.5831269	0.2824528	31.42	<.0001*
Intercept[High]	0.57688797	0.2465568	5.47	0.0193*
Intercept[Medium]	3.95237122	0.7282373	29.46	<.0001*
AktivtSkolval_mean	1.08308193	0.6042562	3.21	0.0731

Logistic Fit of ACBG15F By AktivtSkolval_mean



ACBG15A

GEN\SCH CHARACTER\TCH UNDERSTANDING
ACBG15B

GEN\SCH CHARACTER\TCH SUCCESS
ACBG15C

GEN\SCH CHARACTER\TCH EXPECTATIONS
ACBG15D

GEN\SCH CHARACTER\TCH WORKING TOGETHER
ACBG15E

GEN\SCH CHARACTER\TCH ABILITY TO INSPIRE
ACBG15F

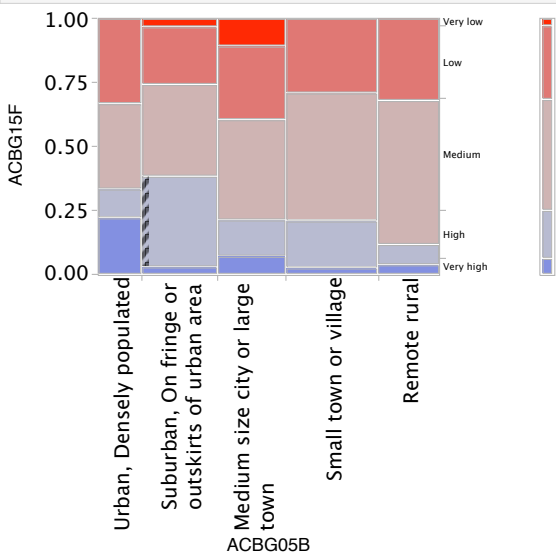
GEN\SCH CHARACTER\TCH PARENTAL INVOLVEMENT
ACBG15G

GEN\SCH CHARACTER\TCH PARENTAL COMMITMENT

Fit Group

Contingency Analysis of ACBG15F By ACBG05B

Mosaic Plot



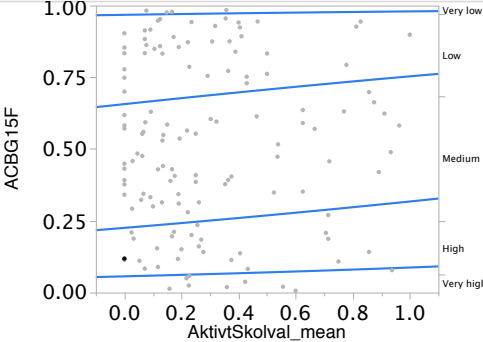
Tests

	N	DF	-LogLike	RSquare (U)
	140	16	11.957086	0.0652
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	23.914		0.0914	
Pearson	26.958		0.0420*	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15G By ACBG05B

Logistic Fit of ACBG15F By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.33862	1	0.677238	0.4105
Full	183.14213			
Reduced	183.48075			

RSquare (U)	0.0018
AICc	376.732
BIC	390.992
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-2.8182606	0.3896492	52.31	<.0001*
Intercept[High]	-1.2352249	0.2635471	21.97	<.0001*
Intercept[Medium]	0.64756002	0.2455744	6.95	0.0084*
Intercept[Low]	3.39645079	0.5310791	40.90	<.0001*
AktivtSkolval_mean	0.46838831	0.584521	0.64	0.4229

Logistic Fit of ACBG15G By AktivtSkolval_mean



ACBG15A

GEN\SCH CHARACTER\TCH UNDERSTANDING
ACBG15B

GEN\SCH CHARACTER\TCH SUCCESS
ACBG15C

GEN\SCH CHARACTER\TCH EXPECTATIONS
ACBG15D

GEN\SCH CHARACTER\TCH WORKING TOGETHER
ACBG15E

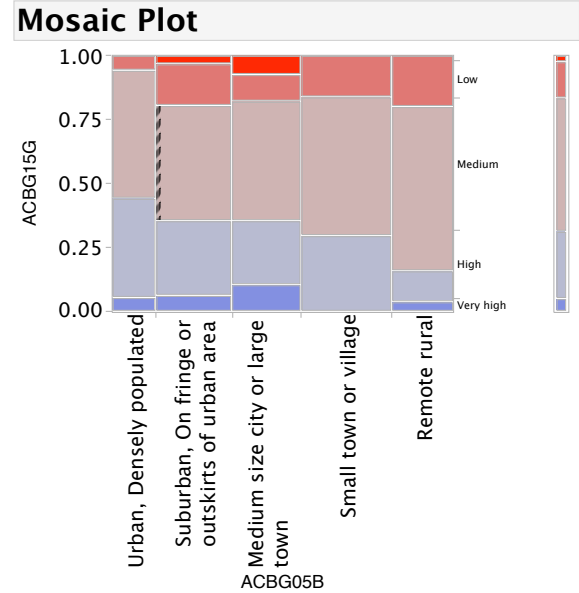
GEN\SCH CHARACTER\TCH ABILITY TO INSPIRE
ACBG15F

GEN\SCH CHARACTER\TCH PARENTAL INVOLVEMENT
ACBG15G

GEN\SCH CHARACTER\TCH PARENTAL COMMITMENT

Fit Group

Contingency Analysis of ACBG15G By ACBG05B



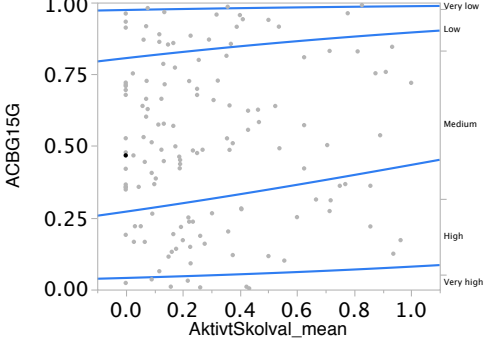
Tests

	N	DF	-LogLike	RSquare (U)
	139	16	8.9200974	0.0532
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	17.840		0.3333	
Pearson	15.334		0.5003	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15H By ACBG05B

Logistic Fit of ACBG15G By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.75505	1	1.510106	0.2181
Full	166.78105			
Reduced	167.53610			

RSquare (U)	0.0045
AICc	344.013
BIC	358.234
Observations (or Sum Wgts)	139

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-3.1708764	0.4365987	52.75	<.0001*
Intercept[High]	-0.9886228	0.2601866	14.44	0.0001*
Intercept[Medium]	1.42525058	0.2802748	25.86	<.0001*
Intercept[Low]	3.62223151	0.6052391	35.82	<.0001*
AktivtSkolval_mean	0.7238483	0.6033483	1.44	0.2302

Logistic Fit of ACBG15H By AktivtSkolval_mean



ACBG15A

GEN\SCH CHARACTER\TCH UNDERSTANDING
ACBG15B

GEN\SCH CHARACTER\TCH SUCCESS
ACBG15C

GEN\SCH CHARACTER\TCH EXPECTATIONS
ACBG15D

GEN\SCH CHARACTER\TCH WORKING TOGETHER
ACBG15E

GEN\SCH CHARACTER\TCH ABILITY TO INSPIRE
ACBG15F

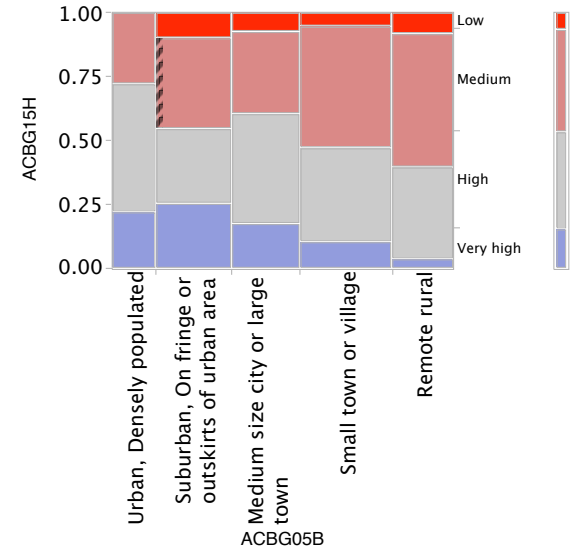
GEN\SCH CHARACTER\PARENTAL INVOLVEMENT
ACBG15G

GEN\SCH CHARACTER\PARENTAL COMMITMENT

Fit Group

Contingency Analysis of ACBG15H By ACBG05B

Mosaic Plot



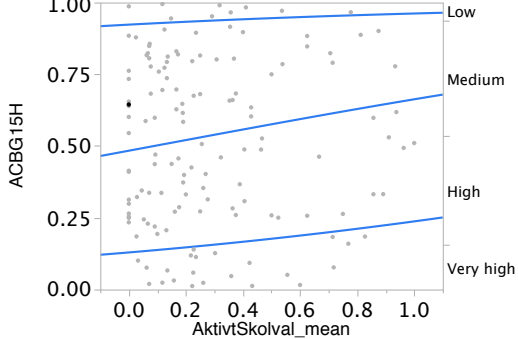
Tests

	N	DF	-LogLike	RSquare (U)
	140	12	6.6132617	0.0393
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	13.227		0.3528	
Pearson	11.510		0.4858	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15I By ACBG05B

Logistic Fit of ACBG15H By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.84169	1	1.683389	0.1945
Full	167.36512			
Reduced	168.20682			
RSquare (U)				
AICc				
BIC				
Observations (or Sum Wgts)				

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-1.908281	0.298658	40.83	<.0001*
Intercept[High]	-0.065411	0.2399506	0.07	0.7852
Intercept[Medium]	2.48314827	0.3780555	43.14	<.0001*
AktivtSkolval_mean	0.74132435	0.5894631	1.58	0.2085

Logistic Fit of ACBG15I By AktivtSkolval_mean



ACBG15H

GEN\SCH CHARACTER\PARENTAL EXPECTATIONS
ACBG15I

GEN\SCH CHARACTER\PARENTAL SUPPORT
ACBG15J

GEN\SCH CHARACTER\PARENTAL PRESSURE
ACBG15K

GEN\SCH CHARACTER\STD DESIRE TO DO WELL
ACBG15L

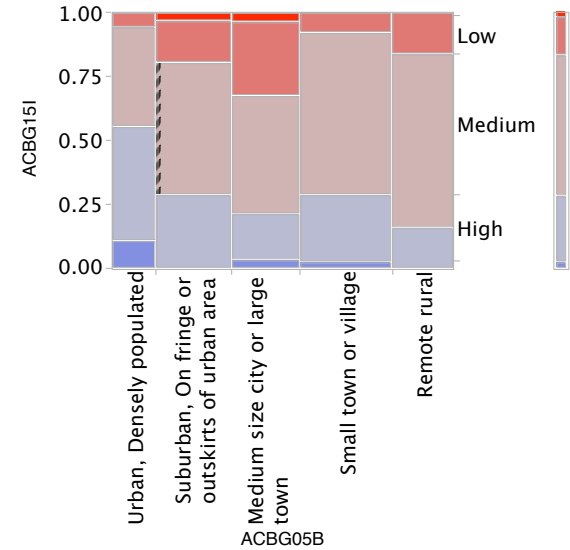
GEN\SCH CHARACTER\STD REACH GOALS
ACBG15M

GEN\SCH CHARACTER\STD RESPECT

Fit Group

Contingency Analysis of ACBG15I By ACBG05B

Mosaic Plot



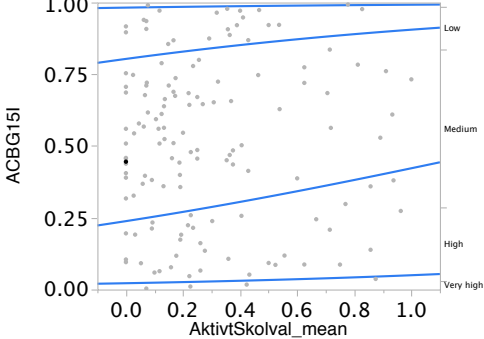
Tests

	N	DF	-LogLike	RSquare (U)
	140	16	10.705459	0.0680
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	21.411		0.1633	
Pearson	21.237		0.1696	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15J By ACBG05B

Logistic Fit of ACBG15I By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.96263	1	1.925258	0.1655
Full	156.52117			
Reduced	157.48380			

RSquare (U)	0.0061
AICc	323.49
BIC	337.751
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-3.7986949	0.5477409	48.10	<.0001*
Intercept[High]	-1.1622404	0.266827	18.97	<.0001*
Intercept[Medium]	1.40834716	0.2797548	25.34	<.0001*
Intercept[Low]	4.0115157	0.7292752	30.26	<.0001*
AktivtSkolval_mean	0.84959603	0.6118032	1.93	0.1649

Logistic Fit of ACBG15J By AktivtSkolval_mean



ACBG15H

GEN\SCH CHARACTER\PARENTAL EXPECTATIONS
ACBG15I

GEN\SCH CHARACTER\PARENTAL SUPPORT
ACBG15J

GEN\SCH CHARACTER\PARENTAL PRESSURE
ACBG15K

GEN\SCH CHARACTER\STD DESIRE TO DO WELL
ACBG15L

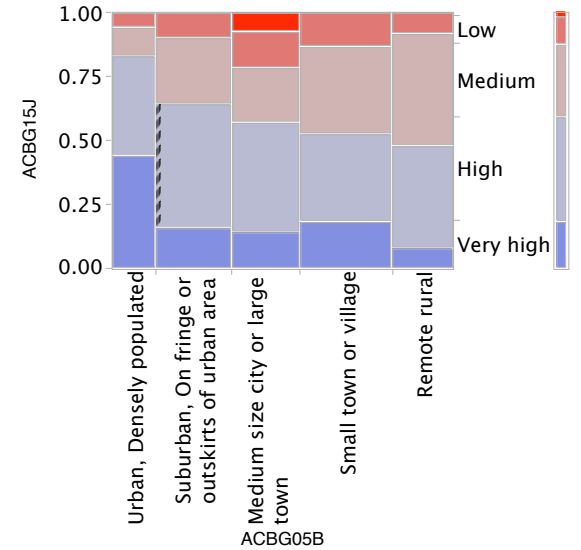
GEN\SCH CHARACTER\STD REACH GOALS
ACBG15M

GEN\SCH CHARACTER\STD RESPECT

Fit Group

Contingency Analysis of ACBG15J By ACBG05B

Mosaic Plot



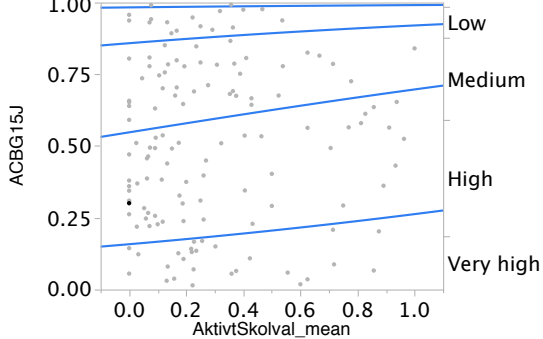
Tests

	N	DF	-LogLike	RSquare (U)
	140	16	10.442217	0.0558
Test				
Likelihood Ratio			20.884	0.1830
Pearson			23.467	0.1018

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15K By ACBG05B

Logistic Fit of ACBG15J By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.67115	1	1.342305	0.2468
Full	186.43213			
Reduced	187.10328			

RSquare (U)	0.0036
AICc	383.312
BIC	397.572
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-1.6744157	0.2835507	34.87	<.0001*
Intercept[High]	0.19122044	0.2388041	0.64	0.4233
Intercept[Medium]	1.80078716	0.3021148	35.53	<.0001*
Intercept[Low]	4.05995627	0.7281735	31.09	<.0001*
AktivtSkolval_mean	0.64245876	0.5832749	1.21	0.2707

Logistic Fit of ACBG15K By AktivtSkolval_mean



ACBG15H

GEN\SCH CHARACTER\PARENTAL EXPECTATIONS
ACBG15I

GEN\SCH CHARACTER\PARENTAL SUPPORT
ACBG15J

GEN\SCH CHARACTER\PARENTAL PRESSURE
ACBG15K

GEN\SCH CHARACTER\STD DESIRE TO DO WELL
ACBG15L

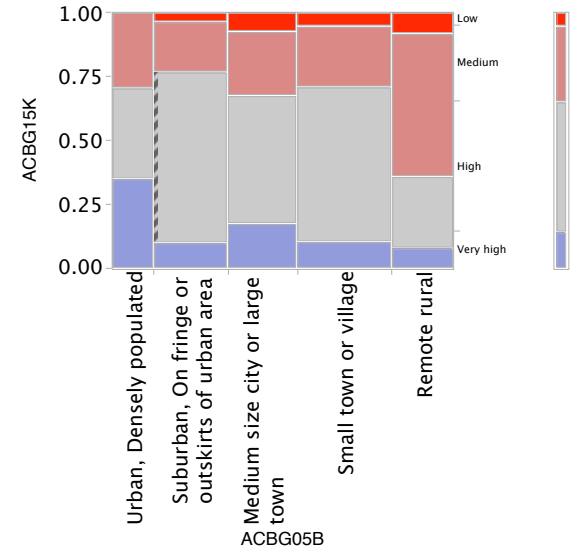
GEN\SCH CHARACTER\STD REACH GOALS
ACBG15M

GEN\SCH CHARACTER\STD RESPECT

Fit Group

Contingency Analysis of ACBG15K By ACBG05B

Mosaic Plot



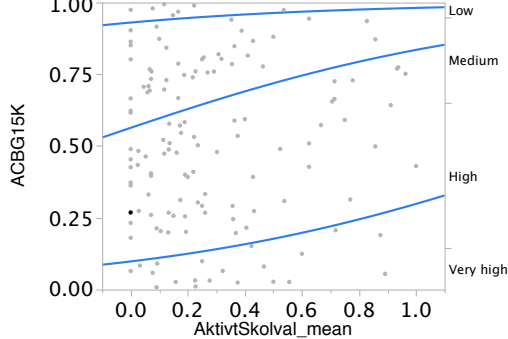
Tests

	N	DF	-LogLike	RSquare (U)
	138	12	10.246048	0.0654
Test	ChiSquare	Prob>ChiSq		
Likelihood Ratio	20.492	0.0583		
Pearson	21.565	0.0427*		

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15L By ACBG05B

Logistic Fit of ACBG15K By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	2.56790	1	5.135801	0.0294
Full	154.20597			
Reduced	156.77387			

RSquare (U)	0.0164
AICc	316.713
BIC	328.121
Observations (or Sum Wgts)	138

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-2.2212945	0.3248498	46.76	<.0001*
Intercept[High]	0.2547367	0.2435242	1.09	0.2955
Intercept[Medium]	2.59014236	0.4148069	38.99	<.0001*
AktivtSkolval_mean	1.36630792	0.6269808	4.75	0.0293*

Logistic Fit of ACBG15L By AktivtSkolval_mean



ACBG15H

GEN\SCH CHARACTER\PARENTAL EXPECTATIONS
ACBG15I

GEN\SCH CHARACTER\PARENTAL SUPPORT
ACBG15J

GEN\SCH CHARACTER\PARENTAL PRESSURE
ACBG15K

GEN\SCH CHARACTER\STD DESIRE TO DO WELL
ACBG15L

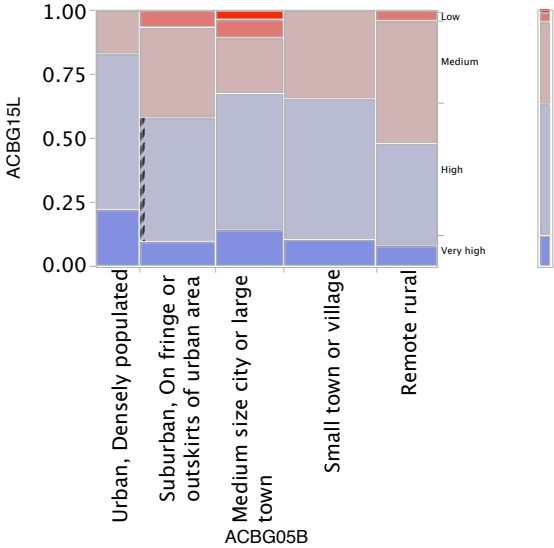
GEN\SCH CHARACTER\STD REACH GOALS
ACBG15M

GEN\SCH CHARACTER\STD RESPECT

Fit Group

Contingency Analysis of ACBG15L By ACBG05B

Mosaic Plot



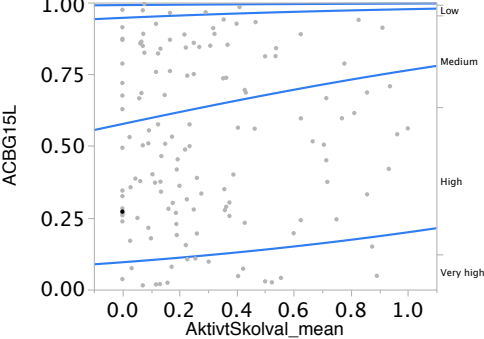
Tests

	N	DF	-LogLike	RSquare (U)
	140	16	8.1720508	0.0523
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	16.344		0.4292	
Pearson	15.543		0.4853	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG15M By ACBG05B

Logistic Fit of ACBG15L By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	1.05720	1	2.114402	0.1459
Full	155.34115			
Reduced	156.39835			

RSquare (U)	0.0068
AICc	321.13
BIC	335.391
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-2.2545222	0.3284942	47.10	<.0001*
Intercept[High]	0.30916722	0.2443597	1.60	0.2058
Intercept[Medium]	2.87419052	0.4449223	41.73	<.0001*
Intercept[Low]	4.70606695	1.0147439	21.51	<.0001*
AktivtSkolval_mean	0.86435839	0.6133404	1.99	0.1588

Logistic Fit of ACBG15M By AktivtSkolval_mean



ACBG15H

GEN\SCH CHARACTER\PARENTAL EXPECTATIONS
ACBG15I

GEN\SCH CHARACTER\PARENTAL SUPPORT
ACBG15J

GEN\SCH CHARACTER\PARENTAL PRESSURE
ACBG15K

GEN\SCH CHARACTER\STD DESIRE TO DO WELL
ACBG15L

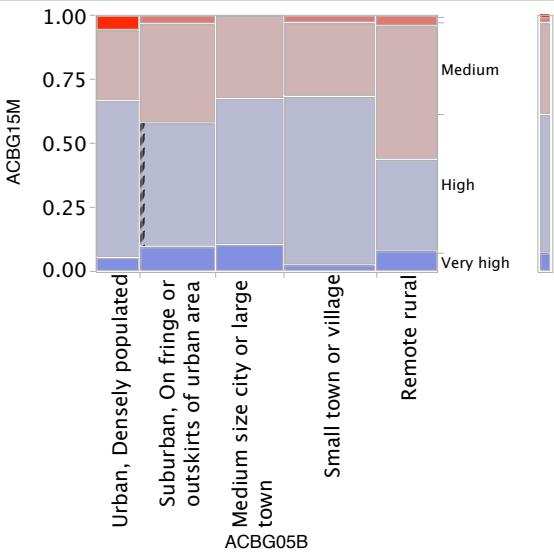
GEN\SCH CHARACTER\STD REACH GOALS
ACBG15M

GEN\SCH CHARACTER\STD RESPECT

Fit Group

Contingency Analysis of ACBG15M By ACBG05B

Mosaic Plot



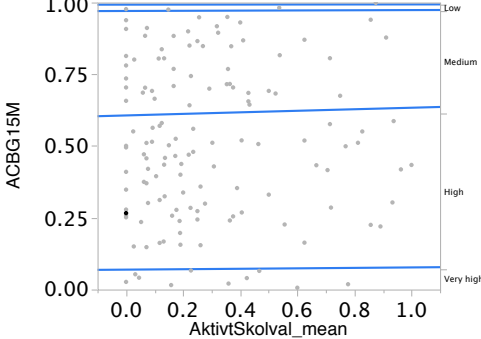
Tests

	N	DF	-LogLike	RSquare (U)
	140	16	7.2353620	0.0514
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	14.471		0.5637	
Pearson	16.029		0.4509	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG16A By ACBG05B

Logistic Fit of ACBG15M By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.01699	1	0.033973	0.8558
Full	140.75438			
Reduced	140.77137			

RSquare (U)	0.0001
AICc	291.957
BIC	306.217
Observations (or Sum Wgts)	140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Very high]	-2.598414	0.3756574	47.84	<.0001*
Intercept[High]	0.43279065	0.2490701	3.02	0.0823
Intercept[Medium]	3.49438174	0.5371724	42.32	<.0001*
Intercept[Low]	4.90224307	1.0191294	23.14	<.0001*
AktivtSkolval_mean	0.11406025	0.618138	0.03	0.8536

Logistic Fit of ACBG16A By AktivtSkolval_mean



ACBG15H

GEN\SCH CHARACTER\PARENTAL EXPECTATIONS
ACBG15I

GEN\SCH CHARACTER\PARENTAL SUPPORT
ACBG15J

GEN\SCH CHARACTER\PARENTAL PRESSURE
ACBG15K

GEN\SCH CHARACTER\STD DESIRE TO DO WELL
ACBG15L

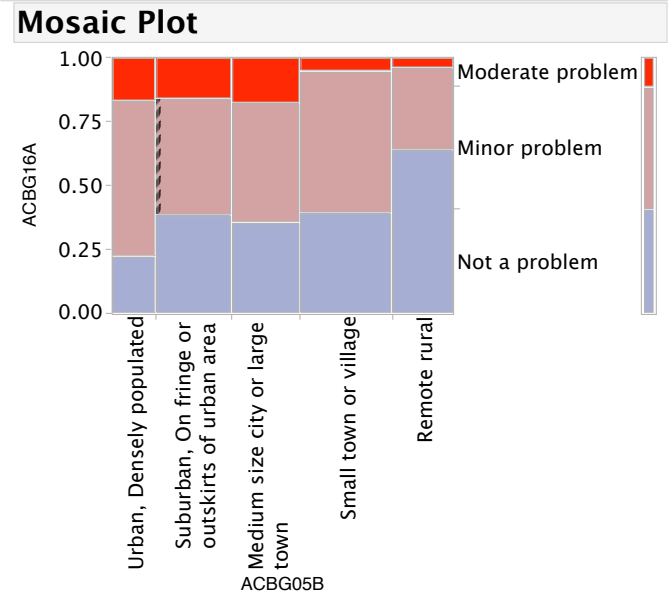
GEN\SCH CHARACTER\STD REACH GOALS
ACBG15M

GEN\SCH CHARACTER\STD RESPECT

To what degree is each of the following a problem among <fourth grade> students in your school?

Fit Group

Contingency Analysis of ACBG16A By ACBG05B



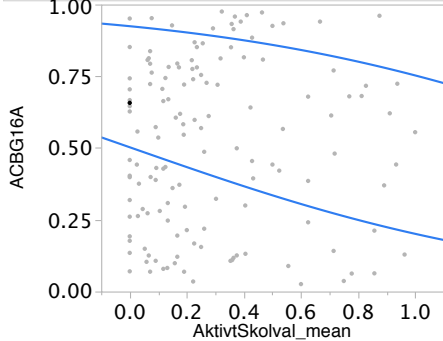
Tests

	N	DF	-LogLike	RSquare (U)
	140	8	6.2050878	0.0459
Test	ChiSquare	Prob>ChiSq		
Likelihood Ratio	12.410	0.1338		
Pearson	12.042	0.1493		

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG16B By ACBG05B

Logistic Fit of ACBG16A By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	2.63520	1	5.270408	0.0217*
Full	132.66499			
Reduced	135.30019			
RSquare (U)	0.0195			
AICc	271.506			
BIC	280.155			
Observations (or Sum Wgts)	140			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	0.01050008	0.2433832	0.00	0.9656
Intercept[Minor problem]	2.5047412	0.3462246	52.34	<.0001
AktivtSkolval_mean	-1.3903898	0.6221662	4.99	0.0254*

Logistic Fit of ACBG16B By AktivtSkolval_mean

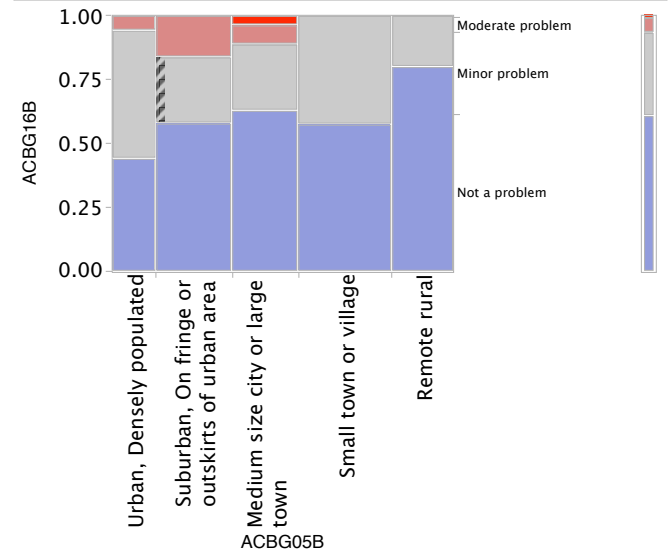


- ACBG16A
- GEN\DEGREE PROBS\ARRIVING LATE AT SCHOOL
- ACBG16B
- GEN\DEGREE PROBS\ABSENTEEISM
- ACBG16C
- GEN\DEGREE PROBS\CLASSROOM DISTURBANCE
- ACBG16D
- GEN\DEGREE PROBS\CHEATING
- ACBG16E
- GEN\DEGREE PROBS\PROFANITY
- ACBG16F
- GEN\DEGREE PROBS\VANDALISM
- ACBG16G
- GEN\DEGREE PROBS\THEFT
- ACBG16H
- GEN\DEGREE PROBS\INTIMIDATION AMONG STUD
- ACBG16I
- GEN\DEGREE PROBS\PHYSICAL FIGHT
- ACBG16J
- GEN\DEGREE PROBS\INTIMIDATION OF TEACHER

Fit Group

Contingency Analysis of ACBG16B By ACBG05B

Mosaic Plot



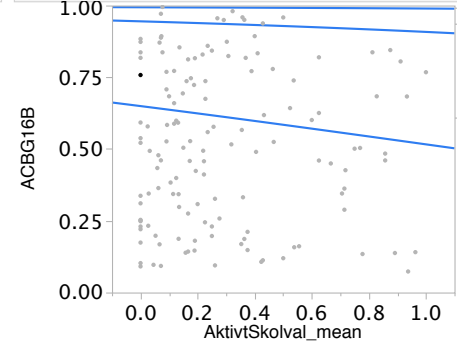
Tests

	N	DF	-LogLike	RSquare (U)
	139	12	10.781563	0.0896
Test	ChiSquare	Prob>ChiSq		
Likelihood Ratio		21.563		0.0427*
Pearson		20.883		0.0521

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG16C By ACBG05B

Logistic Fit of ACBG16B By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.39619	1	0.792389	0.3734
Full	119.93498			
Reduced	120.33118			
RSquare (U)	0.0033			
AICc	248.168			
BIC	259.608			
Observations (or Sum Wgts)	139			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	0.61727242	0.2568233	5.78	0.0163*
Intercept[Minor problem]	2.84213484	0.3992239	50.68	<.0001*
Intercept[Moderate problem]	5.09881601	1.0241253	24.79	<.0001*
AktivtSkolval_mean	-0.5522852	0.6319579	0.76	0.3822

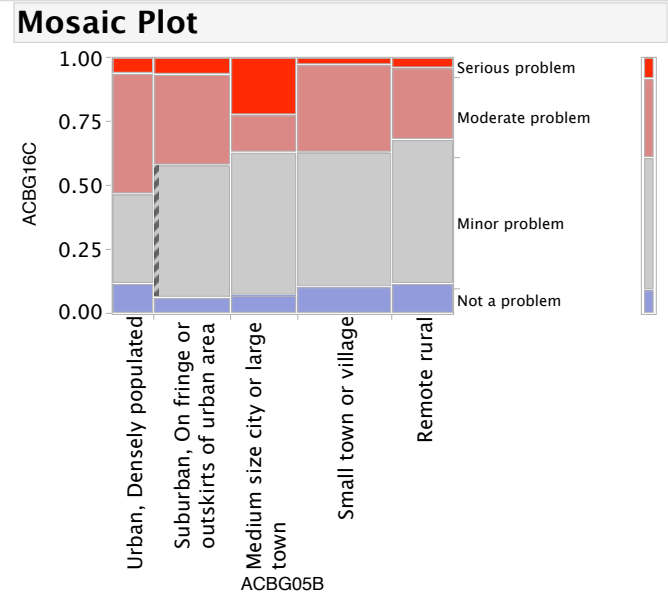
Logistic Fit of ACBG16C By AktivtSkolval_mean



- ACBG16A
- GEN\DEGREE PROBS\ARRIVING LATE AT SCHOOL ACBG16B
- GEN\DEGREE PROBS\ABSENTEEISM ACBG16C
- GEN\DEGREE PROBS\CLASSROOM DISTURBANCE ACBG16D
- GEN\DEGREE PROBS\CHEATING ACBG16E
- GEN\DEGREE PROBS\PROFANITY ACBG16F
- GEN\DEGREE PROBS\VANDALISM ACBG16G
- GEN\DEGREE PROBS\THEFT ACBG16H
- GEN\DEGREE PROBS\INTIMIDATION AMONG STUD ACBG16I
- GEN\DEGREE PROBS\PHYSICAL FIGHT ACBG16J
- GEN\DEGREE PROBS\INTIMIDATION OF TEACHER

Fit Group

Contingency Analysis of ACBG16C By ACBG05B



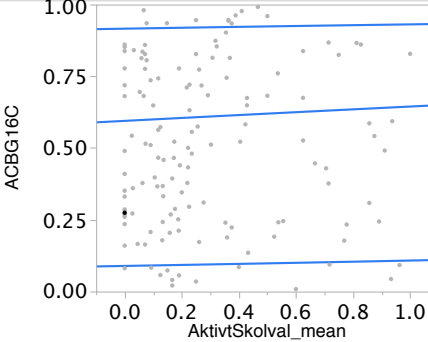
Tests

	N	DF	-LogLike	RSquare (U)
	138	12	6.8061439	0.0437
Test	ChiSquare Prob>ChiSq			
Likelihood Ratio			13.612	0.3261
Pearson			14.783	0.2535

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG16D By ACBG05B

Logistic Fit of ACBG16C By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.06220	1	0.124398	0.7243
Full	155.79574			
Reduced	155.85794			
RSquare (U)	0.0004			
AICc	319.892			
BIC	331.301			
Observations (or Sum Wgts)	138			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	-2.3245417	0.3426695	46.02	<.0001*
Intercept[Minor problem]	0.38284158	0.2457145	2.43	0.1192
Intercept[Moderate problem]	2.38704826	0.3570609	44.69	<.0001*
AktivtSkolval_mean	0.21204727	0.6061545	0.12	0.7265

Logistic Fit of ACBG16D By AktivtSkolval_mean

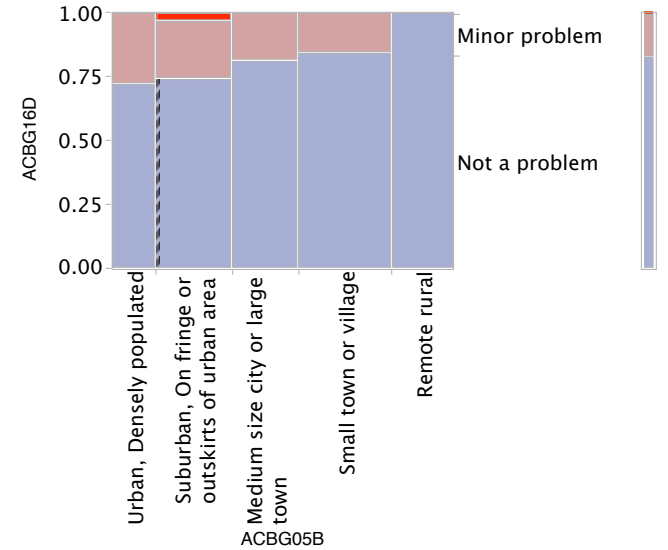


- ACBG16A
- GEN\DEGREE PROBS\ARRIVING LATE AT SCHOOL
- ACBG16B
- GEN\DEGREE PROBS\ABSENTEEISM
- ACBG16C
- GEN\DEGREE PROBS\CLASSROOM DISTURBANCE
- ACBG16D
- GEN\DEGREE PROBS\CHEATING
- ACBG16E
- GEN\DEGREE PROBS\PROFANITY
- ACBG16F
- GEN\DEGREE PROBS\VANDALISM
- ACBG16G
- GEN\DEGREE PROBS\THEFT
- ACBG16H
- GEN\DEGREE PROBS\INTIMIDATION AMONG STUD
- ACBG16I
- GEN\DEGREE PROBS\PHYSICAL FIGHT
- ACBG16J
- GEN\DEGREE PROBS\INTIMIDATION OF TEACHER

Fit Group

Contingency Analysis of ACBG16D By ACBG05B

Mosaic Plot



Tests

N	DF	-LogLike	RSquare (U)
139	8	7.2456490	0.1064

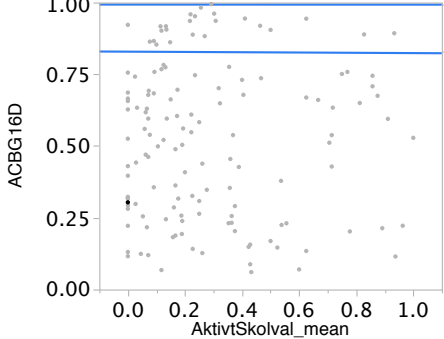
Test ChiSquare Prob>ChiSq

Likelihood Ratio	14.491	0.0698
Pearson	11.181	0.1916

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG16E By ACBG05B

Logistic Fit of ACBG16D By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.000870	1	0.00174	0.9667
Full	68.107445			
Reduced	68.108315			

RSquare (U)	0.0000
AICc	142.393
BIC	151.018
Observations (or Sum Wgts)	139

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	1.57701151	0.3314812	22.63	<.0001*
Intercept[Minor problem]	4.93739942	1.0329378	22.85	<.0001*
AktivtSkolval_mean	-0.0348818	0.8374539	0.00	0.9668

Logistic Fit of ACBG16E By AktivtSkolval_mean

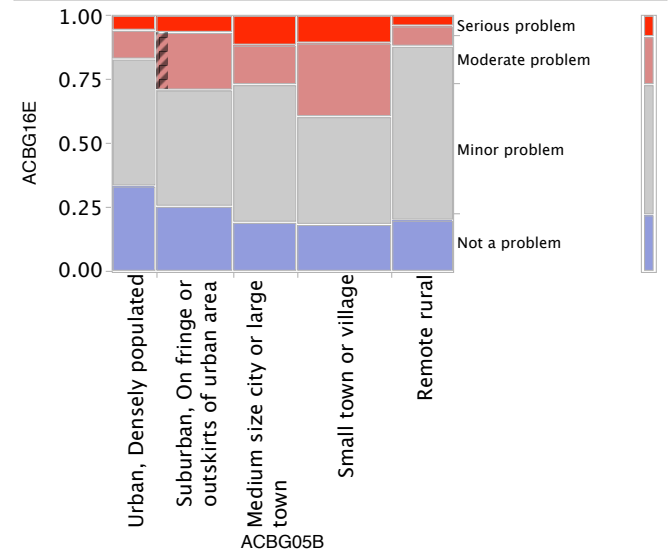


- ACBG16A
- GENDEGREE PROBS\ARRIVING LATE AT SCHOOL
- ACBG16B
- GENDEGREE PROBS\ABSENTEEISM
- ACBG16C
- GENDEGREE PROBS\CLASSROOM DISTURBANCE
- ACBG16D
- GENDEGREE PROBS\CHEATING
- ACBG16E
- GENDEGREE PROBS\PROFANITY
- ACBG16F
- GENDEGREE PROBS\VANDALISM
- ACBG16G
- GENDEGREE PROBS\THEFT
- ACBG16H
- GENDEGREE PROBS\INTIMIDATION AMONG STUD
- ACBG16I
- GENDEGREE PROBS\PHYSICAL FIGHT
- ACBG16J
- GENDEGREE PROBS\INTIMIDATION OF TEACHER

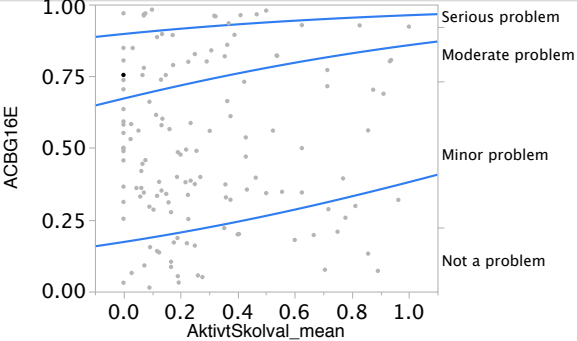
Fit Group

Contingency Analysis of ACBG16E By ACBG05B

Mosaic Plot



Logistic Fit of ACBG16E By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	1.63213	1	3.264251	0.0708
Full	163.39325			
Reduced	165.02538			

RSquare (U) 0.0099
AICc 335.087
BIC 346.496
Observations (or Sum Wgts) 138

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	-1.5683146	0.2831768	30.67	<.0001*
Intercept[Minor problem]	0.71793362	0.2505275	8.21	0.0042
Intercept[Moderate problem]	2.16723803	0.3490571	38.55	<.0001*
AktivtSkolval_mean	1.08356554	0.6070905	3.19	0.0743

Tests

N	DF	-LogLike	RSquare (U)
138	12	4.9742116	0.0301

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	9.948	0.6205
Pearson	9.862	0.6280

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG16F By ACBG05B

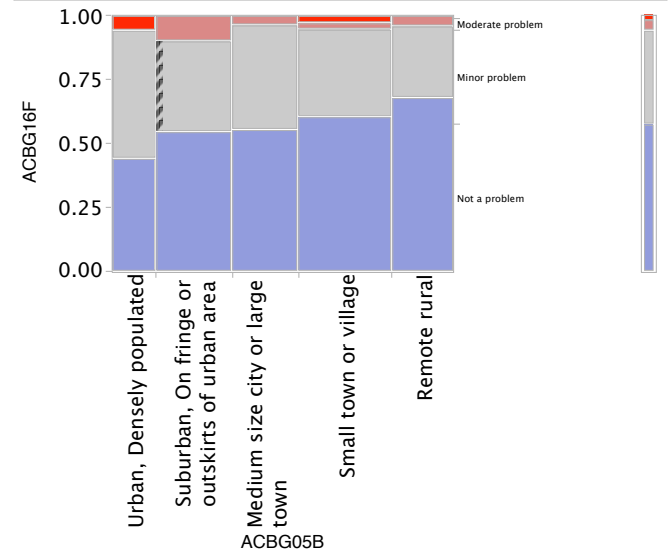
Logistic Fit of ACBG16F By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG16F By ACBG05B

Mosaic Plot



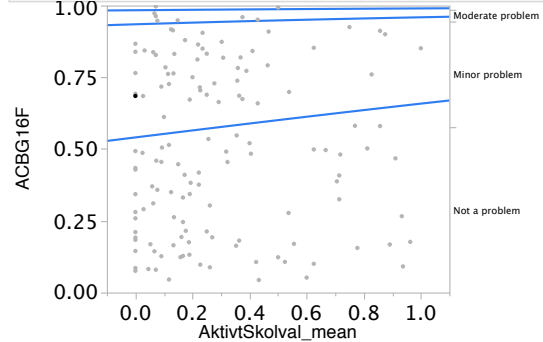
Tests

	N	DF	-LogLike	RSquare (U)
	139	12	4.9939002	0.0407
Test				
	ChiSquare	Prob>ChiSq		
Likelihood Ratio	9.988	0.6170		
Pearson	9.519	0.6581		

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG16G By ACBG05B

Logistic Fit of ACBG16F By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq	
Difference	0.30010	1	0.600204	0.4385	ACBG16F
Full	122.36969				GEN\DEGREE PROBS\VANDALISM
Reduced	122.66979				ACBG16G
RSquare (U)	0.0024				GEN\DEGREE PROBS\THEFT
AICc	253.038				ACBG16H
BIC	264.477				
Observations (or Sum Wgts)	139				

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq	
Intercept[Not a problem]	0.1620074	0.2504366	0.42	0.5177	ACBG16I
Intercept[Minor problem]	2.65928516	0.4026948	43.61	<.0001*	ACBG16J
Intercept[Moderate problem]	4.09182497	0.73243	30.85	<.0001*	ACBG16K
AktivtSkolval_mean	0.49285347	0.6440077	0.59	0.4441	ACBG16L

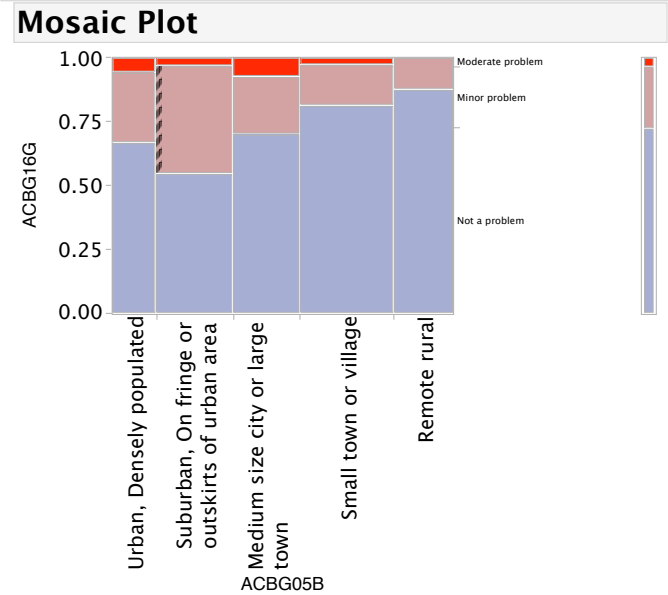
GEN\DEGREE PROBS\INTIMIDATION OF TEACHER

Logistic Fit of ACBG16G By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG16G By ACBG05B



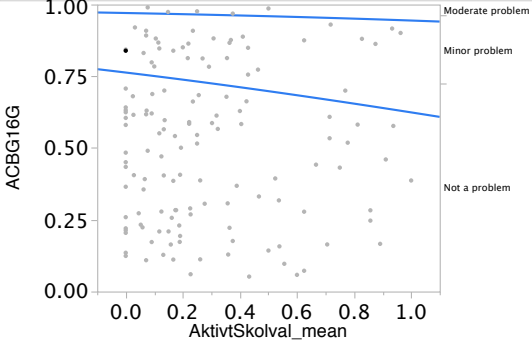
Tests

	N	DF	-LogLike	RSquare (U)
	138	8	5.9337923	0.0618
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	11.868		0.1572	
Pearson	11.564		0.1718	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG16H By ACBG05B

Logistic Fit of ACBG16G By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.468196	1	0.936391	0.3332
Full	95.543855			
Reduced	96.012051			
RSquare (U)				
AICc				
BIC				
Observations (or Sum Wgts)				

Parameter Estimates

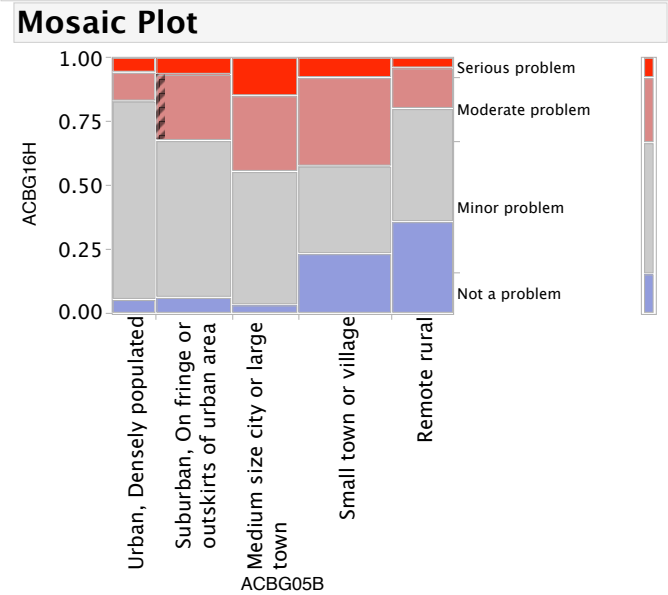
Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	1.16918684	0.287386	16.55	<.0001*
Intercept[Minor problem]	3.49068514	0.5091034	47.01	<.0001*
AktivtSkolval_mean	-0.6620563	0.6873312	0.93	0.3354

Logistic Fit of ACBG16H By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG16H By ACBG05B



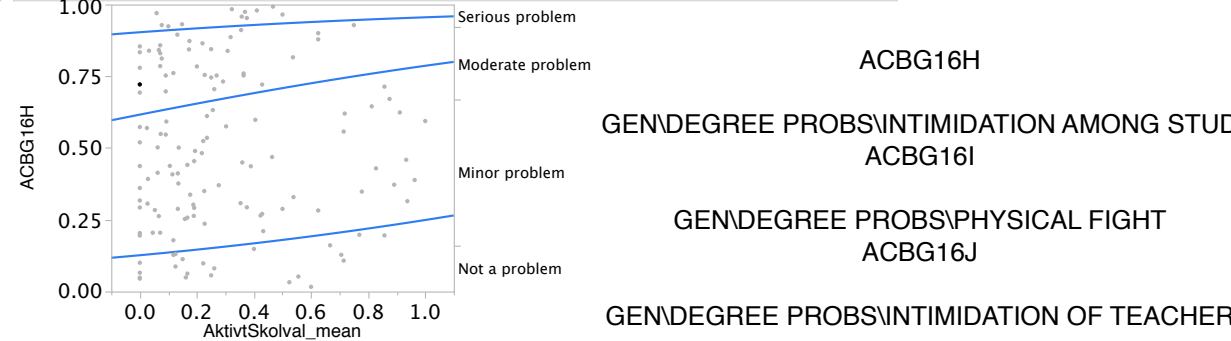
Tests

	N	DF	-LogLike	RSquare (U)
	139	12	12.526240	0.0762
Test	ChiSquare	Prob>ChiSq		
Likelihood Ratio	25.052	0.0146*		
Pearson	24.867	0.0155*		

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG16I By ACBG05B

Logistic Fit of ACBG16H By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	1.01388	1	2.02775	0.1544
Full	163.41077			
Reduced	164.42464			
RSquare (U)	0.0062			
AICc	335.12			
BIC	346.559			
Observations (or Sum Wgts)	139			

Parameter Estimates

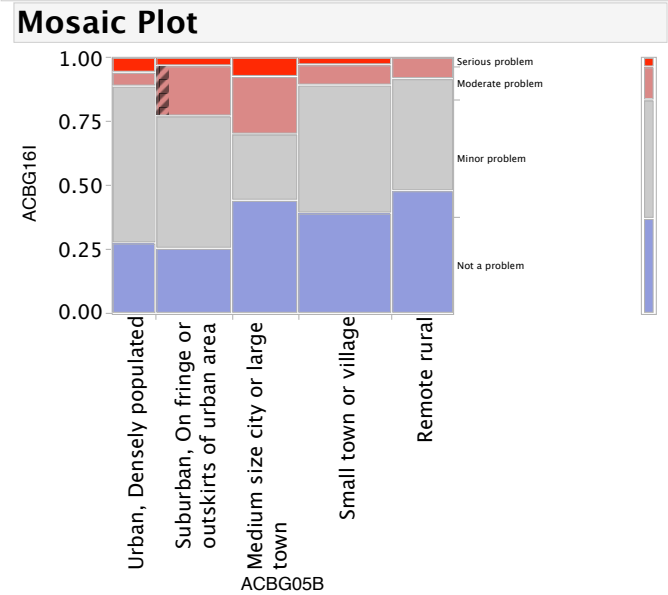
Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	-1.9329328	0.3041607	40.39	<.0001*
Intercept[Minor problem]	0.47410942	0.2452531	3.74	0.0532
Intercept[Moderate problem]	2.23571726	0.3511434	40.54	<.0001*
AktivtSkolval_mean	0.82997037	0.6067396	1.87	0.1713

Logistic Fit of ACBG16I By AktivtSkolval_mean

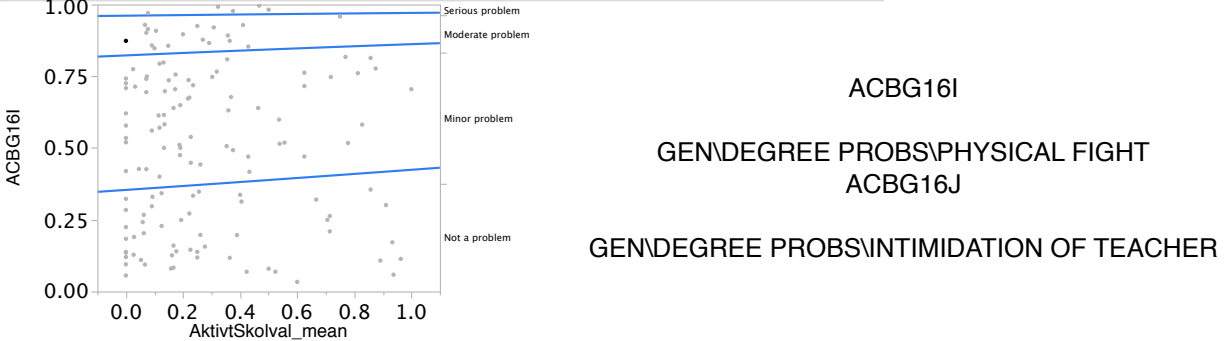


Fit Group

Contingency Analysis of ACBG16I By ACBG05B



Logistic Fit of ACBG16I By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.12535	1	0.250693	0.6166
Full	154.05946			
Reduced	154.18480			

RSquare (U)	0.0008
AICc	316.417
BIC	327.857
Observations (or Sum Wgts)	139

Tests

	N	DF	-LogLike	RSquare (U)
	139	12	7.2083457	0.0468

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	14.417	0.2749
Pearson	13.382	0.3419

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	-0.6013705	0.2482643	5.87	0.0154*
Intercept[Minor problem]	1.53498465	0.2831446	29.39	<.0001*
Intercept[Moderate problem]	3.2062301	0.484742	43.75	<.0001*
AktivtSkolval_mean	0.29534555	0.5993725	0.24	0.6222

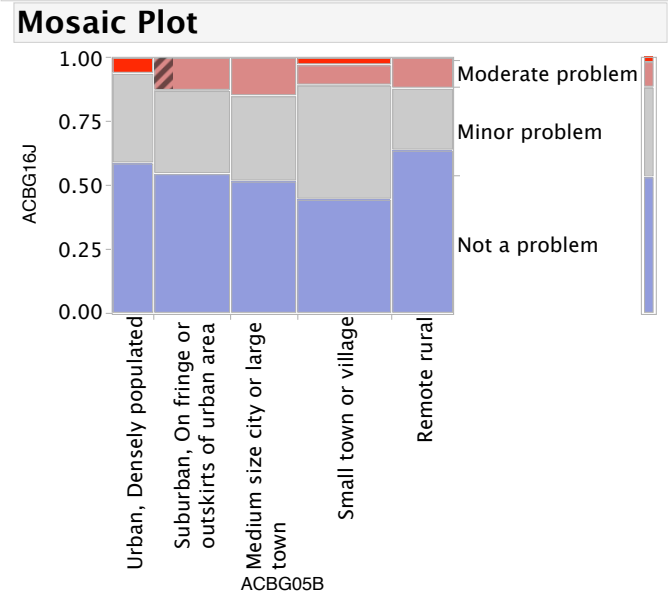
Contingency Analysis of ACBG16J By ACBG05B

Logistic Fit of ACBG16J By AktivtSkolval_mean

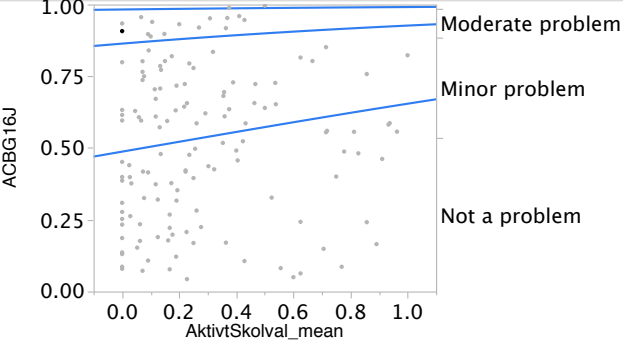


Fit Group

Contingency Analysis of ACBG16J By ACBG05B



Logistic Fit of ACBG16J By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq	ACBG16J
Difference	0.59281	1	1.185627	0.2762	
Full	136.71663				
Reduced	137.30945				

GENDEGREE PROBS\INTIMIDATION OF TEACHER

RSquare (U)	0.0043
AICc	281.734
BIC	293.142
Observations (or Sum Wgts)	138

Tests

N	DF	-LogLike	RSquare (U)
138	12	5.8154189	0.0424

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	11.631	0.4758
Pearson	9.851	0.6290

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	-0.0504999	0.2478029	0.04	0.8385
Intercept[Minor problem]	1.84708205	0.3139458	34.61	<.0001*
Intercept[Moderate problem]	4.03822545	0.7309405	30.52	<.0001*
AktivtSkolval_mean	0.68865571	0.6430951	1.15	0.2842

Contingency Analysis of ACBG17A By ACBG05B

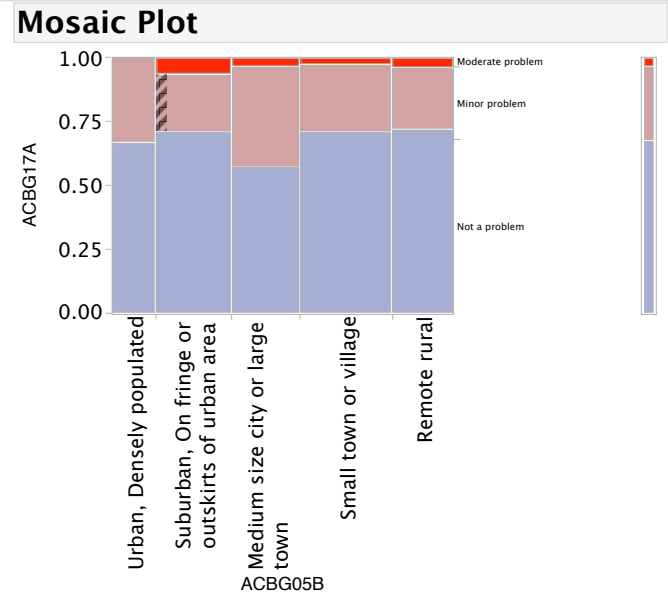
Logistic Fit of ACBG17A By AktivtSkolval_mean



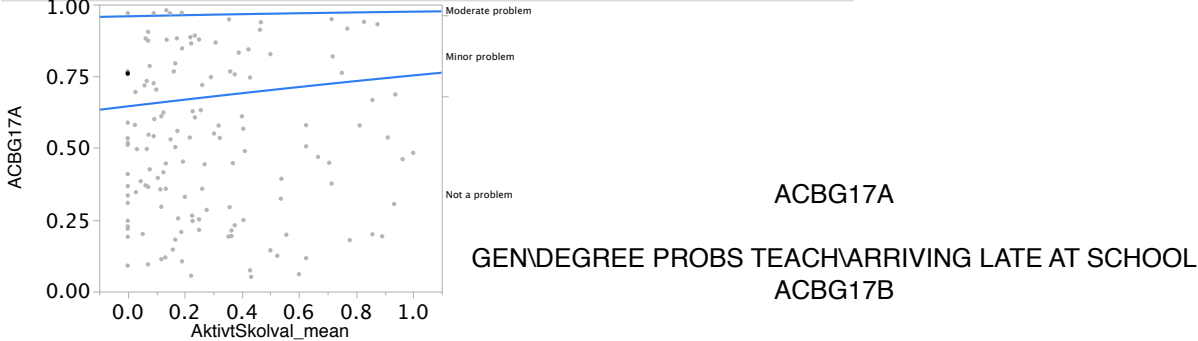
To what degree is each of the following a problem among teachers in your school?

Fit Group

Contingency Analysis of ACBG17A By ACBG05B



Logistic Fit of ACBG17A By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.28385	1	0.567704	0.4512
Full	103.32541			
Reduced	103.60927			

RSquare (U) 0.0027
AICc 212.827
BIC 221.476
Observations (or Sum Wgts) 140

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	0.59795951	0.2645334	5.11	0.0238*
Intercept[Minor problem]	3.15136733	0.4909381	41.20	<.0001*
AktivtSkolval_mean	0.51634541	0.6969024	0.55	0.4587

Tests

N	DF	-LogLike	RSquare (U)
140	8	2.2360741	0.0216

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	4.472	0.8122
Pearson	4.020	0.8554

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

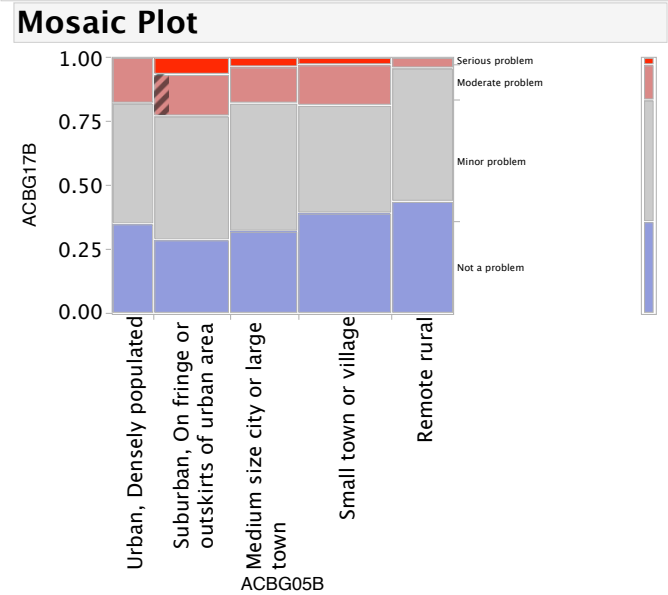
Contingency Analysis of ACBG17B By ACBG05B

Logistic Fit of ACBG17B By AktivtSkolval_mean

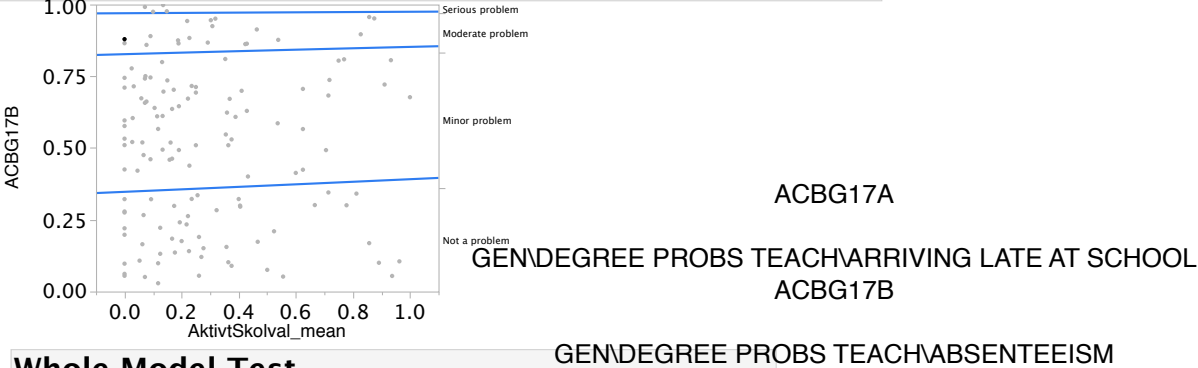


Fit Group

Contingency Analysis of ACBG17B By ACBG05B



Logistic Fit of ACBG17B By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.04993	1	0.09985	0.7520
Full	152.23407			
Reduced	152.28400			

RSquare (U)	0.0003
AICc	312.767
BIC	324.206
Observations (or Sum Wgts)	139

Tests

N	DF	-LogLike	RSquare (U)
139	12	3.8959737	0.0256

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	7.792	0.8012
Pearson	6.307	0.8998

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Not a problem]	-0.6307824	0.2488525	6.43	0.0113*
Intercept[Minor problem]	1.56419825	0.2843773	30.25	<.0001*
Intercept[Moderate problem]	3.46463367	0.5343214	42.04	<.0001*
AktivtSkolval_mean	0.18897713	0.600683	0.10	0.7531

Contingency Analysis of ACBG18A By ACBG05B

Logistic Fit of ACBG18A By AktivtSkolval_mean

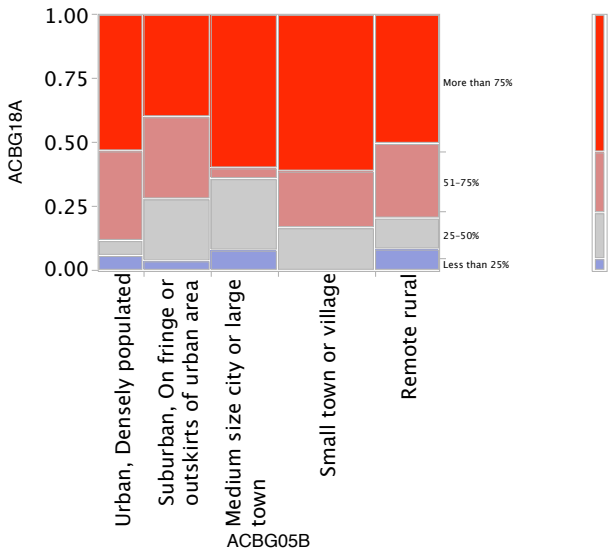


About how many of the students in your school can do the following when they begin the <first grade> of primary/elementary school?

Fit Group

Contingency Analysis of ACBG18A By ACBG05B

Mosaic Plot



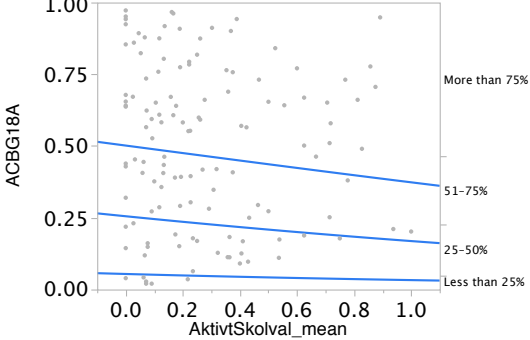
Tests

	N	DF	-LogLike	RSquare (U)
	127	12	9.0713407	0.0633
Test	ChiSquare	Prob>ChiSq		
Likelihood Ratio	18.143	0.1114		
Pearson	14.331	0.2801		

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18B By ACBG05B

Logistic Fit of ACBG18A By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.30583	1	0.611653	0.4342
Full	143.07656			
Reduced	143.38239			
RSquare (U)	0.0021			
AICc	294.481			
BIC	305.53			
Observations (or Sum Wgts)	127			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-2.8606921	0.4537006	39.76	<.0001*
Intercept[25-50%]	-1.0706231	0.2790894	14.72	0.0001*
Intercept[51-75%]	0.00636112	0.2594439	0.00	0.9804
AktivtSkolval_mean	-0.5235546	0.6865059	0.58	0.4457

Logistic Fit of ACBG18B By AktivtSkolval_mean

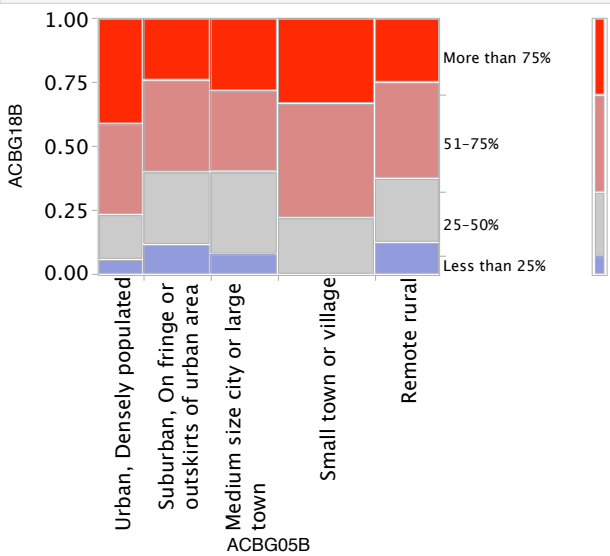


- ACBG18A
- GEN\PRIMARY SCHOOL\RECOGNIZE LETTERS
- ACBG18B
- GEN\PRIMARY SCHOOL\READ WORDS
- ACBG18C
- GEN\PRIMARY SCHOOL\READ SENTENCES
- ACBG18D
- GEN\PRIMARY SCHOOL\WRITE LETTERS
- ACBG18E
- GEN\PRIMARY SCHOOL\WRITE SOME WORDS
- ACBG18F
- GEN\PRIMARY SCHOOL\COUNT UP TO 100

Fit Group

Contingency Analysis of ACBG18B By ACBG05B

Mosaic Plot



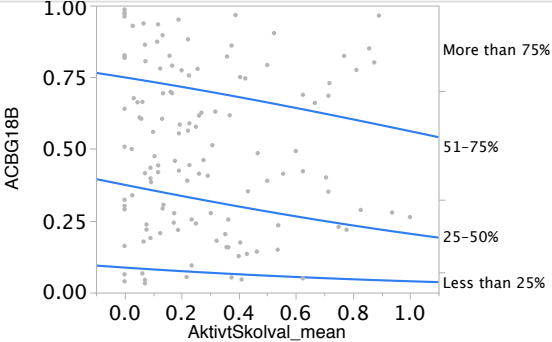
Tests

	N	DF	-LogLike	RSquare (U)
	127	12	4.8759596	0.0304
Test	ChiSquare	Prob>ChiSq		
Likelihood Ratio	9.752	0.6377		
Pearson	7.579	0.8171		

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18C By ACBG05B

Logistic Fit of ACBG18B By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.84385	1	1.687694	0.1939
Full	159.64342			
Reduced	160.48727			
RSquare (U)	0.0053			
AICc	327.615			
BIC	338.664			
Observations (or Sum Wgts)	127			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-2.3513986	0.3820856	37.87	<.0001*
Intercept[25-50%]	-0.5094912	0.2572648	3.92	0.0477*
Intercept[51-75%]	1.0974406	0.27288	16.17	<.0001*
AktivtSkolval_mean	-0.8472335	0.6524384	1.69	0.1941

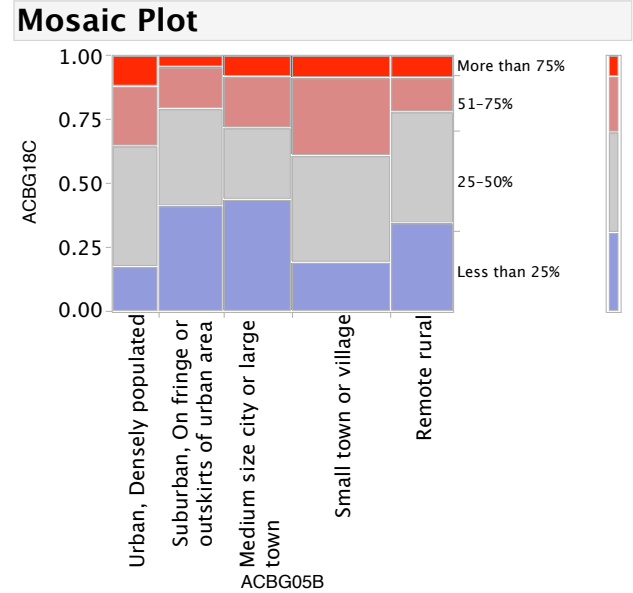
Logistic Fit of ACBG18C By AktivtSkolval_mean



- ACBG18A
- GEN\PRIMARY SCHOOL\RECOGNIZE LETTERS ACBG18B
- GEN\PRIMARY SCHOOL\READ WORDS ACBG18C
- GEN\PRIMARY SCHOOL\READ SENTENCES ACBG18D
- GEN\PRIMARY SCHOOL\WRITE LETTERS ACBG18E
- GEN\PRIMARY SCHOOL\WRITE SOME WORDS ACBG18F
- GEN\PRIMARY SCHOOL\COUNT UP TO 100

Fit Group

Contingency Analysis of ACBG18C By ACBG05B



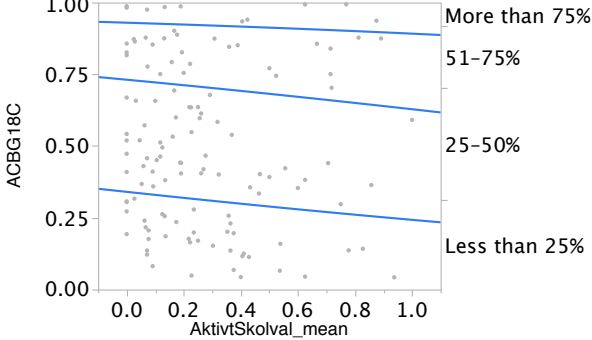
Tests

	N	DF	-LogLike	RSquare (U)
	125	12	4.8137259	0.0305
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	9.627		0.6486	
Pearson	9.301		0.6770	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18D By ACBG05B

Logistic Fit of ACBG18C By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.25685	1	0.513705	0.4755
Full	157.69082			
Reduced	157.94767			
RSquare (U)	0.0016			
AICc	323.715			
BIC	334.695			
Observations (or Sum Wgts)	125			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-0.6618254	0.2635498	6.31	0.0120*
Intercept[25-50%]	1.00000944	0.2729275	13.42	0.0002*
Intercept[51-75%]	2.58190263	0.38363	45.30	<.0001*
AktivtSkolval_mean	-0.4756327	0.6502882	0.53	0.4645

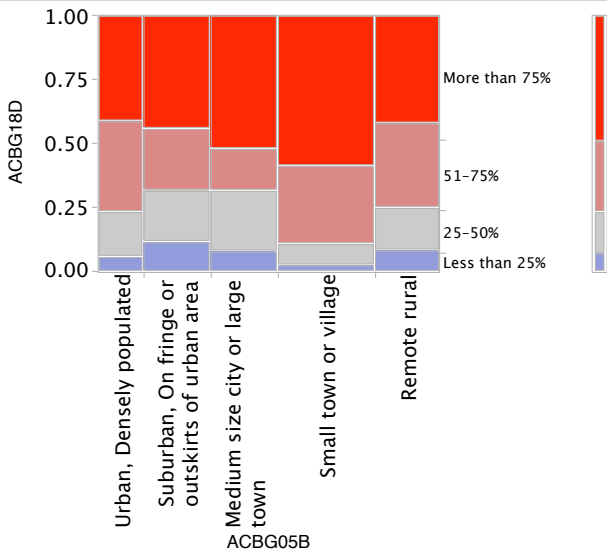
Logistic Fit of ACBG18D By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG18D By ACBG05B

Mosaic Plot



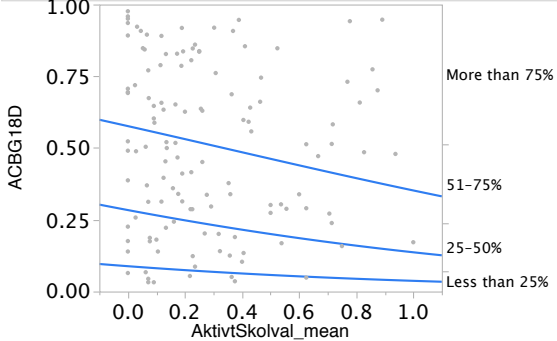
Tests

	N	DF	-LogLike	RSquare (U)
	127	12	4.1589391	0.0275
Test				
			ChiSquare	Prob>ChiSq
Likelihood Ratio			8.318	0.7598
Pearson			7.810	0.7998

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18E By ACBG05B

Logistic Fit of ACBG18D By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.93036	1	1.86072	0.1725
Full	150.25189			
Reduced	151.18225			
RSquare (U)	0.0062			
AICc	308.832			
BIC	319.881			
Observations (or Sum Wgts)	127			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-2.3354977	0.3845697	36.88	<.0001*
Intercept[25-50%]	-0.9257122	0.2729916	11.50	0.0007*
Intercept[51-75%]	0.30781067	0.2591889	1.41	0.2350
AktivtSkolval_mean	-0.9173696	0.6840114	1.80	0.1799

Logistic Fit of ACBG18E By AktivtSkolval_mean

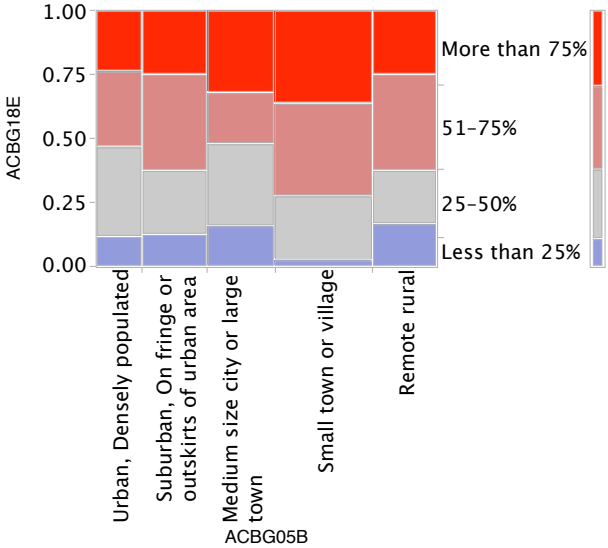


- ACBG18A
- GEN\PRIMARY SCHOOL\RECOGNIZE LETTERS ACBG18B
- GEN\PRIMARY SCHOOL\READ WORDS ACBG18C
- GEN\PRIMARY SCHOOL\READ SENTENCES ACBG18D
- GEN\PRIMARY SCHOOL\WRITE LETTERS ACBG18E
- GEN\PRIMARY SCHOOL\WRITE SOME WORDS ACBG18F
- GEN\PRIMARY SCHOOL\COUNT UP TO 100

Fit Group

Contingency Analysis of ACBG18E By ACBG05B

Mosaic Plot



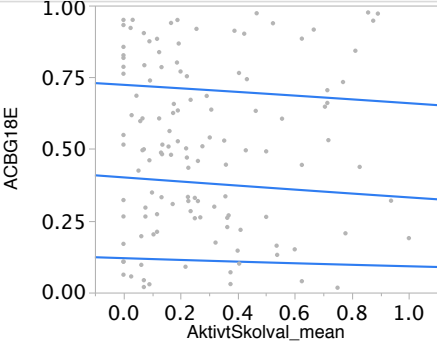
Tests

	N	DF	-LogLike	RSquare (U)
	126	12	4.2245253	0.0253
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	8.449		0.7491	
Pearson	7.484		0.8241	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18F By ACBG05B

Logistic Fit of ACBG18E By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.10282	1	0.205649	0.6302
Full	166.56522			
Reduced	166.66804			

RSquare (U)	0.0006
AICc	341.461
BIC	352.476
Observations (or Sum Wgts)	126

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-1.9951553	0.3322993	36.05	<.0001*
Intercept[25-50%]	-0.4006156	0.2556293	2.46	0.1171
Intercept[51-75%]	0.96292169	0.2681988	12.89	0.0003*
AktivtSkolval_mean	-0.3012235	0.6412872	0.22	0.6386

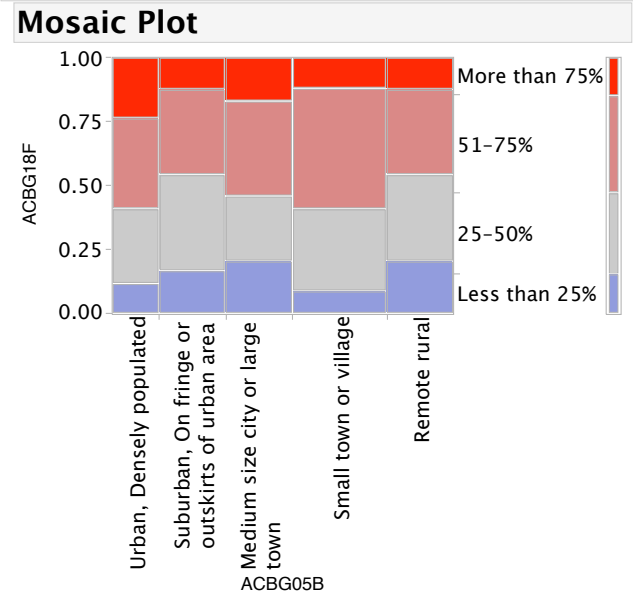
Logistic Fit of ACBG18F By AktivtSkolval_mean



- ACBG18A
- GEN\PRIMARY SCHOOL\RECOGNIZE LETTERS ACBG18B
- GEN\PRIMARY SCHOOL\READ WORDS ACBG18C
- GEN\PRIMARY SCHOOL\READ SENTENCES ACBG18D
- GEN\PRIMARY SCHOOL\WRITE LETTERS ACBG18E
- GEN\PRIMARY SCHOOL\WRITE SOME WORDS ACBG18F
- GEN\PRIMARY SCHOOL\COUNT UP TO 100

Fit Group

Contingency Analysis of ACBG18F By ACBG05B



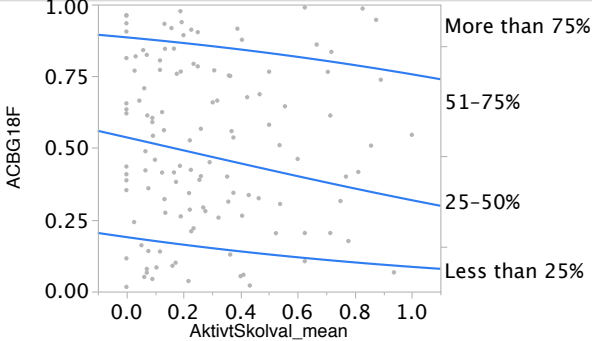
Tests

	N	DF	-LogLike	RSquare (U)
	123	12	2.5031455	0.0156
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	5.006		0.9578	
Pearson	5.051		0.9563	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18G By ACBG05B

Logistic Fit of ACBG18F By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.94318	1	1.88635	0.1696
Full	159.14863			
Reduced	160.09180			
RSquare (U)	0.0059			
AICc	326.636			
BIC	337.546			
Observations (or Sum Wgts)	123			

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-1.4523605	0.303083	22.96	<.0001*
Intercept[25-50%]	0.14955795	0.2602632	0.33	0.5655
Intercept[51-75%]	2.0472242	0.3308187	38.30	<.0001*
AktivtSkolval_mean	-0.9114451	0.6597242	1.91	0.1671

Logistic Fit of ACBG18G By AktivtSkolval_mean

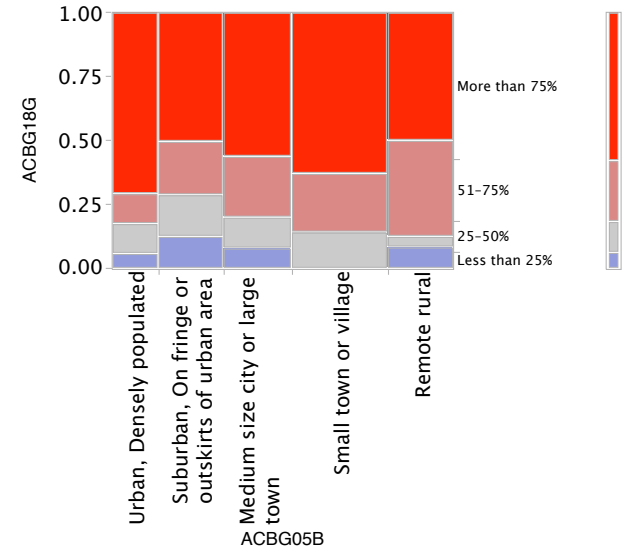


- ACBG18A
- GEN\PRIMARY SCHOOL\RECOGNIZE LETTERS
- ACBG18B
- GEN\PRIMARY SCHOOL\READ WORDS
- ACBG18C
- GEN\PRIMARY SCHOOL\READ SENTENCES
- ACBG18D
- GEN\PRIMARY SCHOOL\WRITE LETTERS
- ACBG18E
- GEN\PRIMARY SCHOOL\WRITE SOME WORDS
- ACBG18F
- GEN\PRIMARY SCHOOL\COUNT UP TO 100

Fit Group

Contingency Analysis of ACBG18G By ACBG05B

Mosaic Plot



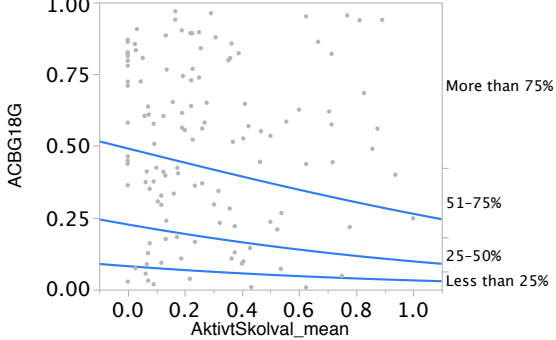
Tests

	N	DF	-LogLike	RSquare (U)
	125	12	6.0506554	0.0444
Test				
	ChiSquare	Prob>ChiSq		
Likelihood Ratio	12.101	0.4376		
Pearson	9.859	0.6283		

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18H By ACBG05B

Logistic Fit of ACBG18G By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.96656	1	1.93311	0.1644
Full	135.36049			
Reduced	136.32705			

RSquare (U)	0.0071
AICc	279.054
BIC	290.034
Observations (or Sum Wgts)	125

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-2.4242486	0.4062448	35.61	<.0001*
Intercept[25-50%]	-1.2274953	0.2951948	17.29	<.0001*
Intercept[51-75%]	-0.0340961	0.2667019	0.02	0.8983
AktivtSkolval_mean	-0.991428	0.727662	1.86	0.1730

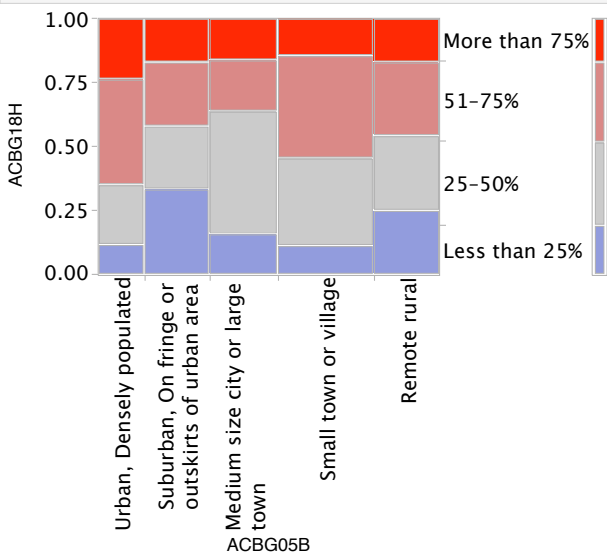
Logistic Fit of ACBG18H By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG18H By ACBG05B

Mosaic Plot



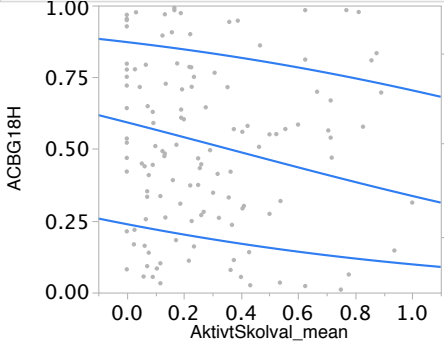
Tests

	N	DF	-LogLike	RSquare (U)
	125	12	5.2081003	0.0310
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	10.416		0.5795	
Pearson	10.757		0.5499	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18I By ACBG05B

Logistic Fit of ACBG18H By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	1.27721	1	2.554411	0.1100
Full	166.91839			
Reduced	168.19560			

RSquare (U)	0.0076
AICc	342.17
BIC	353.15
Observations (or Sum Wgts)	125

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-1.162675	0.2817089	17.03	<.0001*
Intercept[25-50%]	0.37671002	0.2568726	2.15	0.1425
Intercept[51-75%]	1.92416915	0.3153442	37.23	<.0001*
AktivtSkolval_mean	-1.0556791	0.6479852	2.65	0.1033

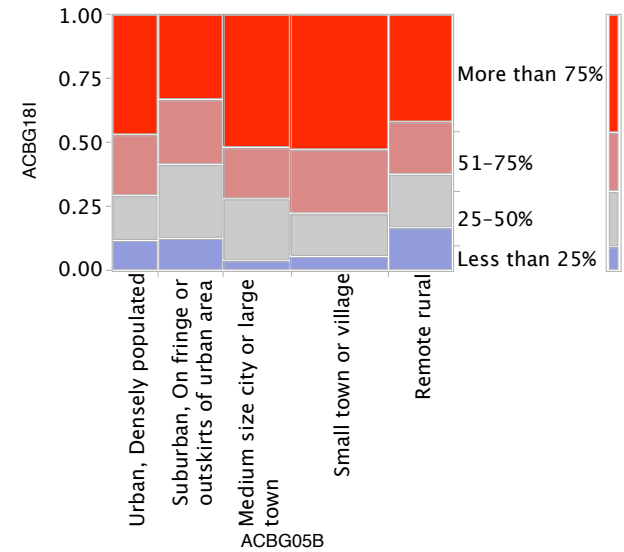
Logistic Fit of ACBG18I By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG18I By ACBG05B

Mosaic Plot



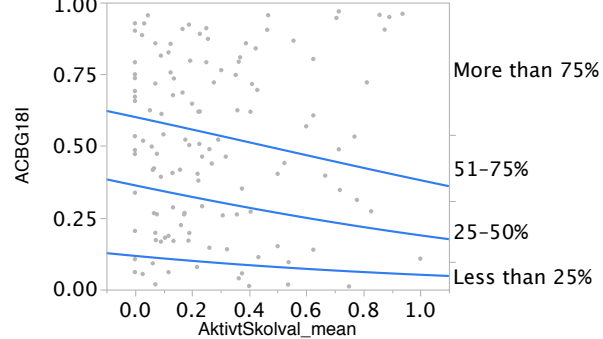
Tests

	N	DF	-LogLike	RSquare (U)
	126	12	3.0478299	0.0194
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	6.096		0.9112	
Pearson	5.987		0.9167	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18J By ACBG05B

Logistic Fit of ACBG18I By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.88924	1	1.778489	0.1823
Full	156.51853			
Reduced	157.40777			

RSquare (U)	0.0056
AICc	321.368
BIC	332.382
Observations (or Sum Wgts)	126

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-2.0191268	0.3474532	33.77	<.0001*
Intercept[25-50%]	-0.562163	0.2625287	4.59	0.0322*
Intercept[51-75%]	0.41036425	0.2598502	2.49	0.1143
AktivtSkolval_mean	-0.8959156	0.6739776	1.77	0.1838

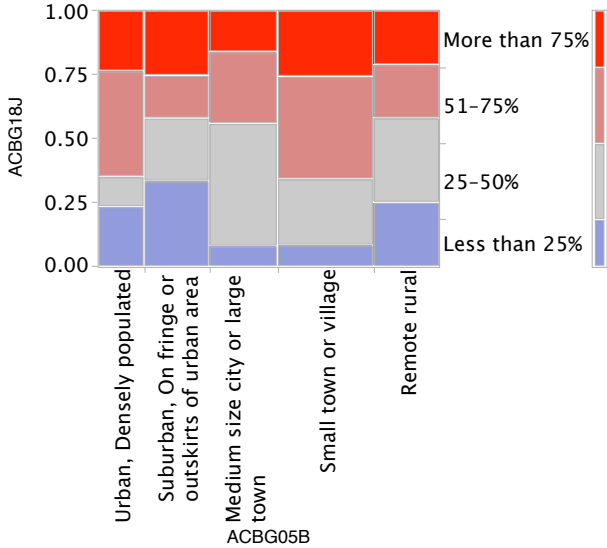
Logistic Fit of ACBG18J By AktivtSkolval_mean



Fit Group

Contingency Analysis of ACBG18J By ACBG05B

Mosaic Plot



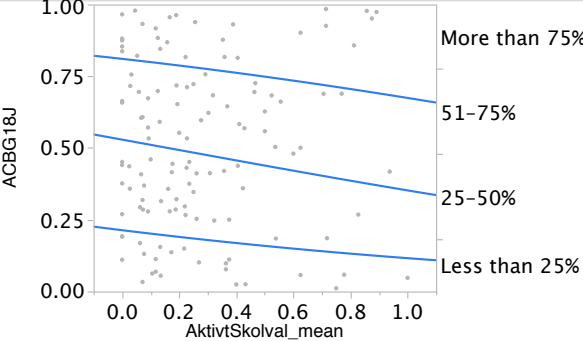
Tests

	N	DF	-LogLike	RSquare (U)
	125	12	8.7176264	0.0510
Test				
	ChiSquare		Prob>ChiSq	
Likelihood Ratio	17.435		0.1339	
Pearson	16.963		0.1510	

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Contingency Analysis of ACBG18K By ACBG05B

Logistic Fit of ACBG18J By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	0.56943	1	1.138854	0.2859
Full	170.34377			
Reduced	170.91320			

RSquare (U)	0.0033
AICc	349.021
BIC	360.001
Observations (or Sum Wgts)	125

Parameter Estimates

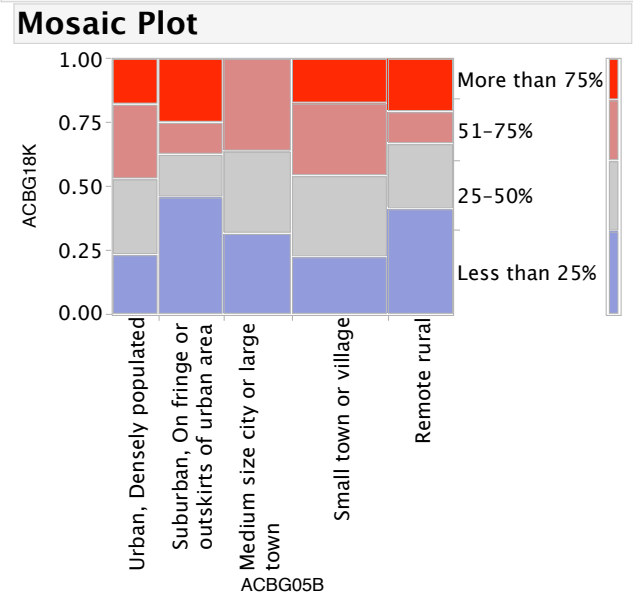
Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-1.3031553	0.2855736	20.82	<.0001*
Intercept[25-50%]	0.11706503	0.2528772	0.21	0.6434
Intercept[51-75%]	1.45445164	0.2874	25.61	<.0001*
AktivtSkolval_mean	-0.7257636	0.6461702	1.26	0.2614

Logistic Fit of ACBG18K By AktivtSkolval_mean

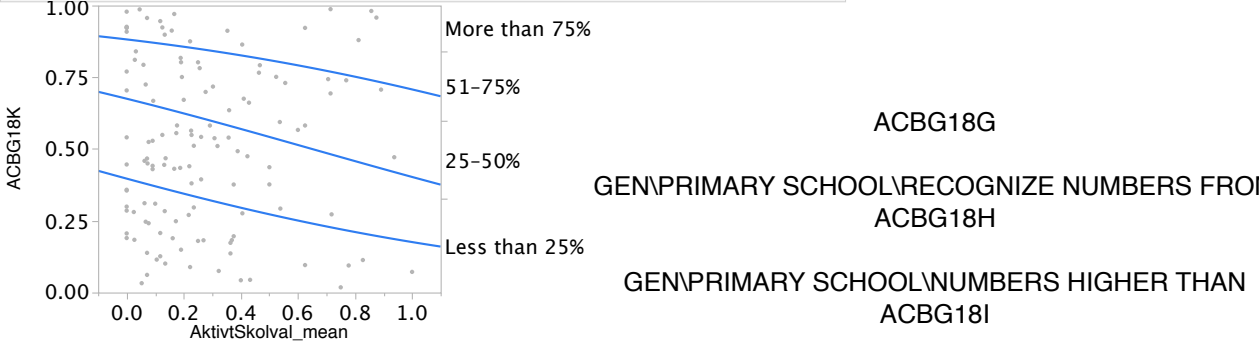


Fit Group

Contingency Analysis of ACBG18K By ACBG05B



Logistic Fit of ACBG18K By AktivtSkolval_mean



Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	1.37712	1	2.754239	0.0970
Full	168.05882			
Reduced	169.43594			

RSquare (U) 0.0081
AICc 344.451
BIC 355.431
Observations (or Sum Wgts) 125

Tests

	N	DF	-LogLike	RSquare (U)
	125	12	9.6737699	0.0571

Test	ChiSquare	Prob>ChiSq
Likelihood Ratio	19.348	0.0805
Pearson	15.098	0.2361

Warning: 20% of cells have expected count less than 5, ChiSquare suspect.

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[Less than 25%]	-0.4185366	0.2560186	2.67	0.1021
Intercept[25-50%]	0.7321353	0.2614676	7.84	0.0051*
Intercept[51-75%]	2.01050252	0.3189685	39.73	<.0001*
AktivtSkolval_mean	-1.1264585	0.6489105	3.01	0.0826