

Additional file 9: Output from the four regression models

Regression results¹ from outcome variable

Deleted deviating data points based on a gut feeling that they were inaccurate (0=no; 1=yes)

```
Mixed-effects logistic regression
Group variable: HighSchools

Number of obs      =      902
Number of groups   =       51

Obs per group:
    min =         2
    avg =       17,7
    max =         84

Integration method: mvaghermite
Integration pts.   =         7

Log likelihood = -538,07992
Wald chi2(3)      =      121,07
Prob > chi2       =      0,0000
```

Deleted deviating..	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
Self-rep Knowledge	-,4238069	,1512332	-2,80	0,005	-,7202184	-,1273953
Uncertainty (data)	,4175588	,0761608	5,48	0,000	,2682863	,5668312
Peer Perception	,9820384	,1053028	9,33	0,000	,7756486	1,188428
_cons	-,2651773	,1321579	-2,01	0,045	-,524202	-,0061525
HighSchools						
var(_cons)	,1926978	,1006623			,0692185	,5364524

LR test vs. logistic model: chibar2(01) = 10,85 Prob >= chibar2 = 0,0005

Regression results¹ from outcome variable

Copied shorter passages from other sources into your own text without marking them as quotes (0=no; 1=yes)

```
Mixed-effects logistic regression
Group variable: HighSchools

Number of obs      =      1.218
Number of groups   =       51

Obs per group:
    min =         2
    avg =       23,9
    max =       138

Integration method: mvaghermite
Integration pts.   =         7

Log likelihood = -718,48024
Wald chi2(8)      =      156,51
Prob > chi2       =      0,0000
```

Copied shorter	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
Uncertainty (cit/plag)	,1771721	,0689166	2,57	0,010	,0420981	,312246
Peer Perception	,8065037	,0849176	9,50	0,000	,6400683	,9729391
Courses not dedicated to integrity issues	-,3547631	,1577509	-2,25	0,025	-,6639492	-,045577
Country (ref. Denmark)						
Ireland	1,47928	,2300848	6,43	0,000	1,028322	1,930238
Lithuania	1,137876	,2434611	4,67	0,000	,6607012	1,615051
Portugal	1,097545	,2278889	4,82	0,000	,6508912	1,544199
Switz_French	-,0911659	,1796589	-0,51	0,612	-,4432909	,260959
Slovenia	,6722432	,2082317	3,23	0,001	,2641166	1,08037
_cons	-,1189564	,14175	-0,84	0,401	-,3967814	,1588685
HighSchools						
var(_cons)	1,29e-36	1,58e-19			.	.

LR test vs. logistic model: chi2(0) = 2,3e-13 Prob > chi2 = .

¹Final model shown after backward removal of statistically insignificant variables (p>0.05)

Regression results¹ from outcome variable

Added students as co-authors of group assignments even though they did not contribute (0=no; 1=yes)

Mixed-effects logistic regression		Number of obs = 1.139				
Group variable: HighSchools		Number of groups = 51				
		Obs per group:				
		min =	2			
		avg =	22,3			
		max =	109			
Integration method: mvaghermite		Integration pts. = 7				
		Wald chi2(8) =	82,11			
Log likelihood = -718,57923		Prob > chi2 =	0,0000			

Added students	Coefficient	Std. err.	z	P> z	[95% conf. interval]	

Peer Perception	,3914742	,0813442	4,81	0,000	,2320426	,5509058
Gender(ref: male)						
Female	,4260349	,1374064	3,10	0,002	,1567232	,6953466
None of above/no answer		,4017474	,2530971	1,59	0,112	-,0943137 ,8978085
Country (ref. Denmark)						
Ireland	-,7772229	,206034	-3,77	0,000	-1,181042	-,3734037
Lithuania	-,2201253	,2444895	-0,90	0,368	-,6993159	,2590652
Portugal	-,4161216	,2257395	-1,84	0,065	-,8585629	,0263197
Switz_French	-1,201492	,1900488	-6,32	0,000	-1,573981	-,8290032
Slovenia	-1,145692	,2217693	-5,17	0,000	-1,580352	-,7110323
_cons	,8121134	,1665653	4,88	0,000	,4856514	1,138575

HighSchools						
var(_cons)	1,50e-33	1,35e-17			.	.

LR test vs. logistic model: chi2(0) = 0,00		Prob > chi2 =		.		

Regression results¹ from outcome variable

Received help from other students or family members on assignments you were supposed to complete on your own (0=no; 1=yes)

Mixed-effects logistic regression		Number of obs = 1.168				
Group variable: HighSchools		Number of groups = 51				
		Obs per group:				
		min =	2			
		avg =	22,9			
		max =	121			
Integration method: mvaghermite		Integration pts. = 7				
		Wald chi2(3) =	22,20			
Log likelihood = -541,9215		Prob > chi2 =	0,0001			

Received help	Coefficient	Std. err.	z	P> z	[95% conf. interval]	

Uncertainty (coll/aut)	,1690328	,0829451	2,04	0,042	,0064635	,3316022
Peer Perception	,3382	,0986565	3,43	0,001	,1448369	,5315631
Discussions w. teachers						
outside regular classes	,5183049	,2282578	2,27	0,023	,0709279	,9656819
_cons	1,30814	,1123393	11,64	0,000	1,087959	1,528321

HighSchools						
var(_cons)	,056511	,0590071			,0073002	,4374544

LR test vs. logistic model: chibar2(01) = 1,63			Prob >= chibar2 = 0,1012			