

Supplementary Table S1 Information and diagnostic criteria for *k*-class solution of the unconditional LCA models

Information criteria						
Model (<i>k</i> -class)	LL	npar	AIC	BIC	SABIC	CAIC
1	-42052.15	7	84118.30	84170.19	84147.94	84177.19
2	-41310.56	15	82651.12	82762.31	82714.64	82464.92
3	-40970.92	23	81987.85	82158.34	82085.25	81702.35
4	-40780.38	31	81622.77	81852.57	81754.05	81237.97
5	-40684.18	39	81446.36	81735.46	81611.53	80962.26
Diagnostic criteria						
Model (<i>k</i> -class)	Smallest class count (n)	Smallest class size (%)	Entropy	ALCPP		
1	12245	100	-	1.00		
2	3553	29.01	0.51	0.79		
3	1546	12.63	0.70	0.73		
4	726	5.93	0.77	0.65		
5	797	6.51	0.64	0.69		

Bold text indicates that the model met fit criteria.

LL= log-likelihood; npar = number of free parameters; AIC = Akaike information criterion; BIC = Bayesian information criterion; SABIC = sample-adjusted Bayesian information criterion; CAIC = consistent Akaike information criterion; ALCPP = average latent class posterior probability.

Supplementary Table S2 Logistic regression results comparing subgroups of students by covariates, "ordinary" (class 4) as reference

	OR (95%CI)		
	Binge drinkers (Class 2) (51.9%)	Psychologically distressed (Class 1) (26.3%)	Dissatisfied (Class 3) (5.9%)
Sex (female)	0.22 (0.08-0.61)	0.37 (0.14-1.03)	0.31 (0.13-0.73)
Age (18-24)	0.64 (0.17-2.49)	0.88 (0.25-3.04)	0.69 (0.08-6.02)
Age (25-34)	1.44 (0.28-7.33)	1.89 (0.53-6.73)	1.49 (0.14-15.50)
Age (35 and older)	3.06 (0.46-20.42)	2.11 (0.31-14.13)	0.31 (0.01-16.51)
HEI funding (private)	1.72 (0.82-3.57)	1.46 (0.81-2.61)	0.61 (0.23-1.60)
Economic stratum B	1.95 (0.88-4.33)	2.06 (0.87-4.87)	1.67 (0.93-3.01)
Economic strata C/D/E	0.69 (0.39-1.22)	1.20 (0.72-2.00)	0.56 (0.32-1.01)
Paid activity (yes)	0.54 (0.20-1.41)	0.52 (0.24-1.15)	1.34 (0.64-2.83)
Children (yes)	1.06 (0.31-3.59)	0.93 (0.24-3.54)	1.19 (0.51-2.77)
Religion (yes)	1.94 (0.50-7.54)	1.70 (0.52-5.59)	1.30 (0.52-3.26)
Social activities (one)	1.96 (0.30-12.69)	1.34 (0.32-5.65)	0.95 (0.20-4.43)
Social activities (two or more)	4.86 (0.83-28.46)	2.79 (0.65-11.95)	1.43 (0.36-5.66)

Economic strata defined as per the Brazilian Association of Research Companies 2011 Brazilian Economic Classification Criterion.

HEI = higher education institution.