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Negative social acts and pain: evidence of a workplace bullying and 5-HTT genotype interaction ¹

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¹ *Supplementary tables and figures*

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Table A. Hierarchical regression with genotype LL as reference (Bootstrapping with 5000 resamples). The analyses were adjusted for the covariates age, sex, tobacco use and education.

	Pain	B	Std. Err	p-value	95 % conf. interval
Step 1	R ² = 0.0813				
	Age	0.009	0.007	0.205	-0.005 – 0.022
	Sex	0.558	0.140	0.000	0.283 – 0.832
	Tobacco	0.454	0.179	0.011	0.104 – 0.804
	Education				
	High school	-0.227	0.294	0.441	-0.804 – 0.350
	University <4y	-0.826	0.282	0.003	-1.379 – -0.272
	University >4y	-1.193	0.288	0.000	-1.757 – -0.629
	SLC6A4				
	SS	0.047	0.195	0.808	-0.334 – 0.429
	SL	0.265	0.154	0.086	-0.038 – 0.568
	NAQ9	0.964	0.265	0.000	0.445 – 1.483
Step 2	R ² = 0.0875				
	Age	0.010	0.007	0.165	-0.004 – 0.023
	Sex	0.563	0.140	0.000	0.288 – 0.837
	Tobacco	0.463	0.177	0.009	0.115 – 0.811
	Education				
	High school	-0.209	0.295	0.479	-0.787 – 0.369
	University <4y	-0.807	0.284	0.004	-1.363 – -0.251
	University >4y	-1.172	0.289	0.000	-1.739 – -0.605
	SLC6A4				
	SS	0.182	0.830	0.826	-1.444 – 1.809
	SL	1.569	0.611	0.010	0.372 – 2.767
	NAQ9	1.533	0.355	0.000	0.837 – 2.229
	SLC6A4 x NAQ				
	SS	-0.098	0.709	0.890	-1.488 – 1.293
	SL	-1.091	0.514	0.034	-2.098 – -0.084

Table B. Hierarchical regression with genotype A/A as reference (Bootstrapping with 5000 resamples). The analyses were adjusted for the covariates age, sex, tobacco use and education.

	Pain	B	Std. Err	p-value	95 % conf. interval
Step 1	R² = 0.082				
	Age	0.009	0.007	0.204	-0.005 – 0.022
	Sex	0.563	0.140	0.000	0.288 – 0.837
	Tobacco	0.464	0.179	0.009	0.114 – 0.814
	Education				
	High school	-0.216	0.293	0.464	-0.792 – 0.359
	University <4y	-0.821	0.282	0.004	-1.373 – -0.269
	University >4y	-1.187	0.287	0.000	-1.750 – -0.624
	<i>Rs23351</i>				
	G/G	0.275	0.189	0.145	-0.095 – 0.645
	A/G	0.343	0.161	0.033	0.027 – 0.658
	NAQ9	0.969	0.266	0.000	0.448 – 1.490
Step 2	R² = 0.0823				
	Age	0.009	0.007	0.177	-0.004 – 0.023
	Sex	0.575	0.140	0.000	0.301 – 0.849
	Tobacco	0.485	0.177	0.006	0.138 – 0.832
	Education				
	High school	-0.195	0.294	0.507	-0.772 – 0.382
	University <4y	-0.802	0.283	0.005	-1.358 – -0.247
	University >4y	-1.160	0.289	0.000	-1.726 – -0.594
	<i>Rs23351</i>				
	G/G	1.530	0.904	0.091	-0.243 – 3.303
	A/G	1.719	0.658	0.009	0.429 – 3.008
	NAQ9	1.768	0.440	0.000	0.906 – 2.630
	<i>Rs23351</i> x NAQ				
	G/G	-1.058	0.780	0.175	-2.587 – 0.470
	A/G	-1.155	0.557	0.038	-2.25 – -0.063

Figure A. The relationship between negative acts (NAQ) and pain intensity (NRS), after correction for age, sex, tobacco use and education. Subjects were divided into groups based on 5-HTTLPR genotype: SS, SL and LL (used as reference for the regression analysis). *P<0.05.

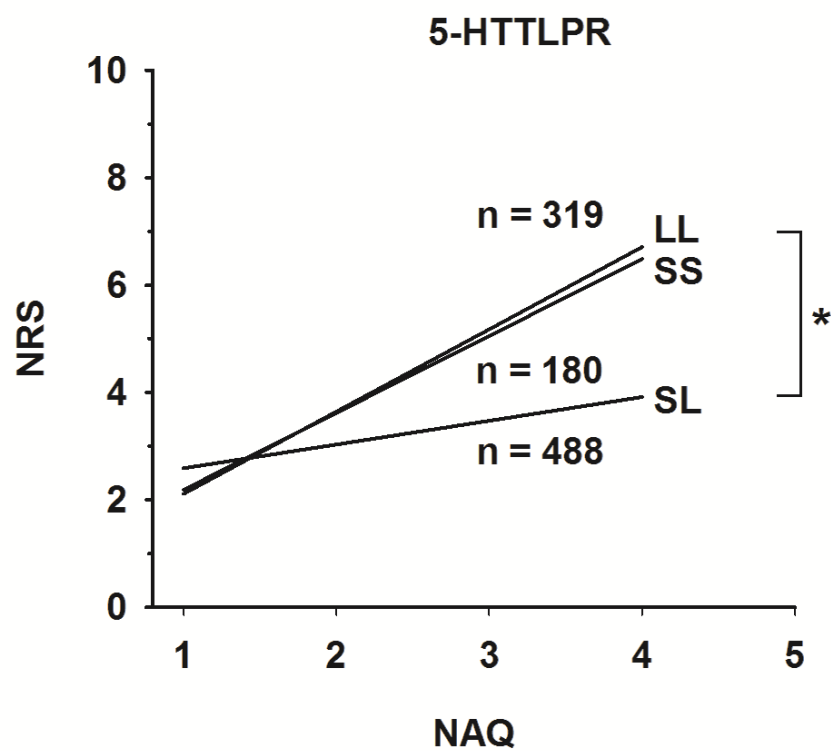


Figure B. The relationship between negative acts (NAQ) and pain intensity (NRS), after correction for age, sex, tobacco uses and education. Subjects were divided into groups based on rs23351 genotype: GG, AG and AA (used as reference for the regression analysis). *P<0.05.

