

Table 1 Differences between males and females in eating disorder behavior frequency and to reward and punishment

	Females	Males	t(df)
	M (SD)	M (SD)	
Objective Binge Eating Frequency (EDOS) (N = 248)	1.43 (2.21)	1.51 (2.32)	0.44 (247)
Compensatory Behavior Frequency (EDOS) (N = 255)	4.10 (6.35)	3.15 (7.42)	2.32 (254)**
Punishment Sensitivity (SPSRQ) N = 1020	12.74 (5.73)	10.84 (5.75)	-4.84 (1018)**
Reward Sensitivity (SPSRQ) N = 1020	11.48 (4.75)	13.02 (5.20)	4.40 (1018)**

**p < .01

EDOS Eating Disorders Diagnostic Scale

SPSRQ Sensitivity to Punishment/Sensitivity to Reward Questionnaire

Table 2 Contribution of reward and punishment sensitivity to objective binge eating frequency and compensatory behavior frequency in males and females $N = 1020$

	Adjusted R^2	Δ Adjusted R^2	b	SE	β	p
Binge eating ^b						
Regression 1:						
Step 1:	0.01					.02
BMI			0.04	0.02	0.08	.02
Step 2:	0.02	0.02				.00
BMI			0.04	0.02	0.08	.03
Gender ^a			0.02	0.16	0.00	.91
Punishment sensitivity ^c			0.07	0.02	0.18	.01
Gender x Punishment Sensitivity ^c			-0.02	0.03	-0.05	.40
Regression 2:						
Step 1:	0.01					.04
BMI			0.04	0.02	0.07	.04
Step 2:	0.03	0.02				.00
BMI			0.04	0.02	0.08	.03
Gender ^a			0.20	0.16	0.04	.23
Reward sensitivity ^c			0.05	0.03	0.11	.04
Gender x Reward Sensitivity ^c			0.02	0.03	0.04	.50
Compensatory behaviors ^b						
Regression 3:						
Gender ^a	0.01		0.23	0.46	0.02	.62
Punishment sensitivity ^c			0.04	0.06	0.03	.57
Gender x Punishment Sensitivity ^c			0.05	0.08	0.03	.56
Regression 4:						
Gender ^a	0.01		0.52	0.47	0.04	.26
Reward sensitivity ^c			0.03	0.07	0.02	.69
Gender x Reward Sensitivity ^c			0.22	0.09	0.12	.02

^aDemographic Survey; Males coded as 0, Females coded as 1

^bEating Disorders Diagnostic Scale (EDDS)

^cSensitivity to Punishment/Sensitivity to Reward Questionnaire (SPSRQ)