

# Supplementary materials

**Table S1.** Images used in the Leeds Food Preference Questionnaire. There were four images grouped together to represent each of four food categories. HFSW: High-fat sweet, LFSW: Low-fat sweet, HFSA: High-fat savory, LFSA: Low-fat savory

Food category				
HFSW				
LFSW				
HFSA				
LFSA				

**Table S2.** Mean ( $\pm$ SD) GSR amplitude levels and peaks/min at baseline, during performance of the cognitive task and during performance of the Leeds Food Preference Questionnaire.

GSR measures	Condition		Result of linear mixed effects ANOVA	
	Relaxed	Stressed	F value	P value
Baseline, mean ( $\pm$ SD) amplitude	9.69 ( $\pm$ 3.91)	9.63 ( $\pm$ 3.83)	0.021	0.886
Cognitive task, mean ( $\pm$ SD) amplitude	13.13 ( $\pm$ 4.29)	13.63 ( $\pm$ 4.00)	0.169	0.686
Cognitive task, peaks/min ( $\pm$ SD)	4.51 ( $\pm$ 1.96)	3.65 ( $\pm$ 1.54)	4.112	0.053
LFPQ, mean ( $\pm$ SD) amplitude	13.36 ( $\pm$ 4.40)	13.53 ( $\pm$ 3.98)	0.039	0.844
LFPQ, peaks/min ( $\pm$ SD)	2.58 ( $\pm$ 1.38)	2.09 ( $\pm$ 1.04)	1.714	0.204

LFPQ: Leeds Food Preference Questionnaire