

Supplemental Material for

Generalization of contextual fear is sex-specifically affected by high salt intake

Jasmin N. Beaver^{1,2}, Brady L. Weber^{1,2}, Matthew T. Ford¹, Anna E. Anello^{1,2}, Kaden M. Ruffin¹,
Sarah K. Kassis^{1,2}, T. Lee Gilman^{1,2,3*}

¹Department of Psychological Sciences, Kent State University, Kent, Ohio, United States of America

²Brain Health Research Institute, Kent State University, Kent, Ohio, United States of America

³Healthy Communities Research Institute, Kent State University, Kent, Ohio, United States of America

*Corresponding Author

Email: lgilman1@kent.edu (TLG)

S5 Table. Three-way repeated measures ANOVAs on context fear training for context fear conditioned mice of both sexes in Experiment 3.

S5A Table

Females	Experiment 3 – Context Fear Training		
Diet	F(1,30)=0.777	p=0.385	partial η^2 =0.025
Context	F(1,30)=0.514	p=0.479	partial η^2 =0.017
Time	F(3.82,114.7)=100.9	p<0.001	partial η^2 = 0.771
Time × Diet	F(3.82,114.7)=2.287	p=0.067	partial η^2 =0.071
Time × Context	F(3.82,114.7)=1.008	p=0.404	partial η^2 =0.033
Diet × Context	F(1,30)=0.250	p=0.621	partial η^2 =0.008
Time × Diet × Context	F(3.82,114.7)=0.185	p=0.940	partial η^2 =0.006

S5B Table

Males	Experiment 3 – Context Fear Training		
Diet	F(1,27)=1.070	p=0.310	partial η^2 =0.038
Context	F(1,27)=0.241	p=0.628	partial η^2 =0.009
Time	F(2.84,76.71)=79.15	p<0.001	partial η^2 = 0.746
Time × Diet	F(2.84,76.71)=0.332	p=0.792	partial η^2 =0.012
Time × Context	F(2.84,76.71)=0.146	p=0.924	partial η^2 =0.005
Diet × Context	F(1,27)=0.533	p=0.472	partial η^2 =0.019
Time × Diet × Context	F(2.84,76.71)=0.413	p=0.733	partial η^2 =0.015