

## Supplemental Material for

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

Jasmin N. Beaver<sup>1,2</sup>, Brady L. Weber<sup>1,2</sup>, Matthew T. Ford<sup>1</sup>, Anna E. Anello<sup>1,2</sup>, Kaden M. Ruffin<sup>1</sup>,  
Sarah K. Kassis<sup>1,2</sup>, T. Lee Gilman<sup>1,2,3\*</sup>

<sup>1</sup>Department of Psychological Sciences, Kent State University, Kent, Ohio, United States of America

<sup>2</sup>Brain Health Research Institute, Kent State University, Kent, Ohio, United States of America

<sup>3</sup>Healthy Communities Research Institute, Kent State University, Kent, Ohio, United States of America

\*Corresponding Author

Email: [lgilman1@kent.edu](mailto:lgilman1@kent.edu) (TLG)

**S29 Table. Three-way repeated measures ANOVAs on weekly NaCl consumed as a percentage of body weight by control no shock mice across Experiments.**

S29A Table

<b>Experiment 1</b>	<b>NaCl as % BW</b>		
Sex	F(1,31)=0.304	p=0.585	partial $\eta^2$ =0.010
Diet	F(1,31)=323.9	p<0.001	partial $\eta^2$ =0.913
Time	F(1.52,47.12)=0.936	p=0.376	partial $\eta^2$ =0.029
Time × Sex	F(1.52,47.12)=3.195	p=0.063	partial $\eta^2$ =0.093
Time × Diet	F(1.52,47.12)=0.743	p=0.447	partial $\eta^2$ =0.023
Sex × Diet	F(1,31)=0.329	p=0.570	partial $\eta^2$ =0.011
Time × Sex × Diet	F(1.52,47.12)=2.829	<b>p=0.083</b>	<b>partial <math>\eta^2</math>=0.084</b>

S29B Table

<b>Experiment 2</b>	<b>NaCl as % BW</b>		
Sex	F(1,29)=4.453	p=0.044	partial $\eta^2$ =0.133
Diet	F(1,29)=2475	p<0.001	partial $\eta^2$ =0.988
Time	F(1.92,55.69)=2.794	p=0.072	partial $\eta^2$ =0.088
Time × Sex	F(1.92,55.69)=0.109	p=0.889	partial $\eta^2$ =0.004
Time × Diet	F(1.92,55.69)=3.222	<b>p=0.049</b>	<b>partial <math>\eta^2</math>=0.100</b>
Sex × Diet	F(1,29)=3.125	<b>p=0.088</b>	<b>partial <math>\eta^2</math>=0.097</b>
Time × Sex × Diet	F(1.92,55.69)=0.074	p=0.923	partial $\eta^2$ =0.003

S29C Table

<b>Experiment 3</b>	<b>NaCl as % BW</b>		
Sex	F(1,28)=0.211	p=0.649	partial $\eta^2$ =0.007
Diet	F(1,28)=438.4	<b>p&lt;0.001</b>	<b>partial <math>\eta^2</math>=0.940</b>
Time	F(2.91,81.55)=1.500	p=0.222	partial $\eta^2$ =0.051
Time × Sex	F(2.91,81.55)=1.040	p=0.378	partial $\eta^2$ =0.036
Time × Diet	F(2.91,81.55)=1.330	p=0.271	partial $\eta^2$ =0.045
Sex × Diet	F(1,28)=0.521	p=0.476	partial $\eta^2$ =0.018
Time × Sex × Diet	F(2.91,81.55)=0.940	p=0.423	partial $\eta^2$ =0.032