

## Supplemental Material for

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

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**S17 Table. Three-way repeated measures ANOVAs on weekly body weight change for context fear conditioned mice across Experiments.**

S17A Table

<b>Females</b>	<b>Experiment 1 – Body Weight Change</b>		
Diet	F(1,30)=1.586	p=0.218	partial $\eta^2$ =0.050
Context	F(1,30)=0.731	p=0.399	partial $\eta^2$ =0.024
Time	F(1.73,51.83)=82.14	p<0.001	partial $\eta^2$ =0.732
Time × Diet	F(1.73,51.83)=5.233	<b>p=0.011</b>	partial $\eta^2$ = <b>0.149</b>
Time × Context	F(1.73,51.83)=3.272	p=0.053	partial $\eta^2$ =0.098
Diet × Context	F(1,30)=0.675	p=0.418	partial $\eta^2$ =0.022
Time × Diet × Context	F(1.73,51.83)=0.437	p=0.619	partial $\eta^2$ =0.014

S17B Table

<b>Males</b>	<b>Experiment 1 – Body Weight Change</b>		
Diet	F(1,29)=0.281	p=0.600	partial $\eta^2$ =0.010
Context	F(1,29)=0.998	p=0.326	partial $\eta^2$ =0.033
Time	F(1.86,53.91)=30.34	p<0.001	partial $\eta^2$ =0.511
Time × Diet	F(1.86,53.91)=0.330	p=0.705	partial $\eta^2$ =0.011
Time × Context	F(1.86,53.91)=0.308	p=0.720	partial $\eta^2$ =0.011
Diet × Context	F(1,29)=0.294	p=0.592	partial $\eta^2$ =0.010
Time × Diet × Context	F(1.86,53.91)=3.318	<b>p=0.047</b>	partial $\eta^2$ = <b>0.103</b>

S17C Table

<b>Females</b>	<b>Experiment 2 – Body Weight Change</b>		
Diet	F(1,30)=6.764	<b>p=0.014</b>	partial $\eta^2$ = <b>0.184</b>
Context	F(1,30)=1.677	p=0.205	partial $\eta^2$ =0.053
Time	F(4.06,121.8)=60.14	<b>p&lt;0.001</b>	partial $\eta^2$ = <b>0.667</b>
Time × Diet	F(4.06,121.8)=1.821	p=0.128	partial $\eta^2$ =0.057
Time × Context	F(4.06,121.8)=0.594	p=0.670	partial $\eta^2$ =0.019
Diet × Context	F(1,30)=0.216	p=0.646	partial $\eta^2$ =0.007
Time × Diet × Context	F(4.06,121.8)=0.017	p=0.999	partial $\eta^2$ =0.001

S17D Table

<b>Males</b>	<b>Experiment 2 – Body Weight Change</b>		
Diet	F(1,32)=2.211	p=0.147	partial $\eta^2$ =0.065
Context	F(1,32)=0.806	p=0.376	partial $\eta^2$ =0.025
Time	F(4.63,148.3)=7.269	<b>p&lt;0.001</b>	partial $\eta^2$ = <b>0.185</b>
Time × Diet	F(4.63,148.3)=2.292	p=0.053	partial $\eta^2$ =0.067
Time × Context	F(4.63,148.3)=0.580	p=0.702	partial $\eta^2$ =0.018

Diet × Context	F(1,32)=0.257	p=0.616	partial $\eta^2=0.008$
Time × Diet × Context	F(4.63,148.3)=1.694	p=0.145	partial $\eta^2=0.050$

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S17E Table

<b>Females</b>	<b>Experiment 3 – Body Weight Change</b>		
Diet	F(1,30)=1.695	p=0.203	partial $\eta^2=0.053$
Context	F(1,30)=0.127	p=0.724	partial $\eta^2=0.004$
Time	F(4.26,127.8)=74.03	p<0.001	partial $\eta^2=0.712$
Time × Diet	F(4.26,127.8)=3.422	<b>p=0.009</b>	partial $\eta^2=0.102$
Time × Context	F(4.26,127.8)=0.055	p=0.996	partial $\eta^2=0.002$
Diet × Context	F(1,30)=1.156	p=0.291	partial $\eta^2=0.037$
Time × Diet × Context	F(4.26,127.8)=2.173	p=0.072	partial $\eta^2=0.068$

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S17F Table

<b>Males</b>	<b>Experiment 3 – Body Weight Change</b>		
Diet	F(1,28)=1.021	p=0.321	partial $\eta^2=0.035$
Context	F(1,28)=0.231	p=0.634	partial $\eta^2=0.008$
Time	F(3.86,107.9)=6.806	<b>p&lt;0.001</b>	partial $\eta^2=0.196$
Time × Diet	F(3.86,107.9)=1.575	p=0.188	partial $\eta^2=0.053$
Time × Context	F(3.86,107.9)=1.271	p=0.287	partial $\eta^2=0.043$
Diet × Context	F(1,28)=0.002	p=0.962	partial $\eta^2=0.000$
Time × Diet × Context	F(3.86,107.9)=1.244	p=0.297	partial $\eta^2=0.043$

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