

## Supplemental Material for

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

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**S23 Table. Three-way repeated measures ANOVAs on weekly average NaCl consumed per day by context fear conditioned mice across Experiments.**

S23A Table

<b>Females</b>	<b>Experiment 1 – NaCl/day</b>		
Diet	F(1,30)=635.7	<b>p&lt;0.001</b>	partial $\eta^2$ = <b>0.955</b>
Context	F(1,30)=0.004	p=0.951	partial $\eta^2$ =0.000
Time	F(1.61,48.36)=0.846	p=0.413	partial $\eta^2$ =0.027
Time × Diet	F(1.61,48.36)=0.834	p=0.418	partial $\eta^2$ =0.027
Time × Context	F(1.61,48.36)=0.698	p=0.473	partial $\eta^2$ =0.023
Diet × Context	F(1,30)=0.029	p=0.866	partial $\eta^2$ =0.001
Time × Diet × Context	F(1.61,48.36)=0.627	p=0.505	partial $\eta^2$ =0.020

S23B Table

<b>Males</b>	<b>Experiment 1 – NaCl/day</b>		
Diet	F(1,29)=784.5	<b>p&lt;0.001</b>	partial $\eta^2$ = <b>0.964</b>
Context	F(1,29)=0.017	p=0.899	partial $\eta^2$ =0.001
Time	F(1.64,47.50)=0.759	p=0.449	partial $\eta^2$ =0.025
Time × Diet	F(1.64,47.50)=0.377	p=0.646	partial $\eta^2$ =0.013
Time × Context	F(1.64,47.50)=0.312	p=0.690	partial $\eta^2$ =0.011
Diet × Context	F(1,29)=0.014	p=0.906	partial $\eta^2$ =0.000
Time × Diet × Context	F(1.64,47.50)=0.497	p=0.574	partial $\eta^2$ =0.017

S23C Table

<b>Females</b>	<b>Experiment 2 – NaCl/day</b>		
Diet	F(1,30)=1412	p<0.001	partial $\eta^2$ =0.979
Context	F(1,30)=0.000	p=0.988	partial $\eta^2$ =0.000
Time	F(3.22,96.53)=6.807	p<0.001	partial $\eta^2$ =0.185
Time × Diet	F(3.22,96.53)=4.373	<b>p=0.005</b>	partial $\eta^2$ = <b>0.127</b>
Time × Context	F(3.22,96.53)=0.929	p=0.435	partial $\eta^2$ =0.030
Diet × Context	F(1,30)=0.002	p=0.962	partial $\eta^2$ =0.000
Time × Diet × Context	F(3.22,96.53)=0.760	p=0.528	partial $\eta^2$ =0.025

S23D Table

<b>Males</b>	<b>Experiment 2 – NaCl/day</b>		
Diet	F(1,32)=2164	p<0.001	partial $\eta^2$ =0.985
Context	F(1,32)=0.904	p=0.349	partial $\eta^2$ =0.027
Time	F(4.11,131.4)=6.013	p<0.001	partial $\eta^2$ =0.158
Time × Diet	F(4.11,131.4)=4.350	<b>p=0.002</b>	partial $\eta^2$ = <b>0.120</b>
Time × Context	F(4.11,131.4)=0.943	p=0.443	partial $\eta^2$ =0.029

Diet × Context	F(1,32)=1.057	p=0.312	partial $\eta^2=0.032$
Time × Diet × Context	F(4.11,131.4)=1.003	p=0.410	partial $\eta^2=0.030$

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S23E Table

<b>Females</b>	<b>Experiment 3 – NaCl/day</b>		
Diet	F(1,30)=621.9	<b>p&lt;0.001</b>	partial $\eta^2=0.954$
Context	F(1,30)=0.301	p=0.587	partial $\eta^2=0.010$
Time	F(2.27,68.08)=1.194	p=0.313	partial $\eta^2=0.038$
Time × Diet	F(2.27,68.08)=0.710	p=0.512	partial $\eta^2=0.023$
Time × Context	F(2.27,68.08)=0.192	p=0.852	partial $\eta^2=0.006$
Diet × Context	F(1,30)=0.177	p=0.677	partial $\eta^2=0.006$
Time × Diet × Context	F(2.27,68.08)=0.190	p=0.853	partial $\eta^2=0.006$

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S23F Table

<b>Males</b>	<b>Experiment 3 – NaCl/day</b>		
Diet	F(1,28)=398.8	<b>p&lt;0.001</b>	partial $\eta^2=0.934$
Context	F(1,28)=0.186	p=0.670	partial $\eta^2=0.007$
Time	F(2.94,82.41)=2.553	p=0.062	partial $\eta^2=0.084$
Time × Diet	F(2.94,82.41)=1.989	p=0.123	partial $\eta^2=0.066$
Time × Context	F(2.94,82.41)=0.723	p=0.538	partial $\eta^2=0.025$
Diet × Context	F(1,28)=0.244	p=0.625	partial $\eta^2=0.009$
Time × Diet × Context	F(2.94,82.41)=0.626	p=0.597	partial $\eta^2=0.022$

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