

## Supplemental Material for

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

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**S15 Table. Three-way repeated measures ANOVAs on weekly average water consumption per day for context fear conditioned mice across Experiments.**

S15A Table

<b>Females</b>	<b>Experiment 1 – Water/day</b>		
Diet	F(1,30)=50.89	<b>p&lt;0.001</b>	partial $\eta^2=0.629$
Context	F(1,30)=0.361	p=0.553	partial $\eta^2=0.012$
Time	F(1.64,49.08)=0.680	p=0.483	partial $\eta^2=0.022$
Time × Diet	F(1.64,49.08)=0.225	p=0.755	partial $\eta^2=0.007$
Time × Context	F(1.64,49.08)=0.011	p=0.977	partial $\eta^2=0.000$
Diet × Context	F(1,30)=0.000	p=0.985	partial $\eta^2=0.000$
Time × Diet × Context	F(1.64,49.08)=0.613	p=0.514	partial $\eta^2=0.020$

S15B Table

<b>Males</b>	<b>Experiment 1 – Water/day</b>		
Diet	F(1,29)=13.40	<b>p&lt;0.001</b>	partial $\eta^2=0.316$
Context	F(1,29)=1.042	p=0.316	partial $\eta^2=0.035$
Time	F(1.27,36.92)=9.485	<b>p=0.002</b>	partial $\eta^2=0.246$
Time × Diet	F(1.27,36.92)=2.030	p=0.159	partial $\eta^2=0.065$
Time × Context	F(1.27,36.92)=0.411	p=0.574	partial $\eta^2=0.014$
Diet × Context	F(1,29)=1.036	p=0.317	partial $\eta^2=0.035$
Time × Diet × Context	F(1.27,36.92)=0.595	p=0.484	partial $\eta^2=0.020$

S15C Table

<b>Females</b>	<b>Experiment 2 – Water/day</b>		
Diet	F(1,30)=312.2	p<0.001	partial $\eta^2=0.912$
Context	F(1,30)=0.026	p=0.874	partial $\eta^2=0.001$
Time	F(4.11,123.3)=4.981	p<0.001	partial $\eta^2=0.142$
Time × Diet	F(4.11,123.3)=5.091	<b>p&lt;0.001</b>	partial $\eta^2=0.145$
Time × Context	F(4.11,123.3)=1.342	p=0.258	partial $\eta^2=0.043$
Diet × Context	F(1,30)=3.278	p=0.080	partial $\eta^2=0.099$
Time × Diet × Context	F(4.11,123.3)=0.991	p=0.417	partial $\eta^2=0.032$

S15D Table

<b>Males</b>	<b>Experiment 2 – Water/day</b>		
Diet	F(1,32)=41.90	p<0.001	partial $\eta^2=0.567$
Context	F(1,32)=0.533	p=0.471	partial $\eta^2=0.016$
Time	F(3.25,103.9)=17.41	p<0.001	partial $\eta^2=0.352$

Time × Diet	F(3.25,103.9)=3.360	<b>p=0.019</b>	partial $\eta^2=0.095$
Time × Context	F(3.25,103.9)=0.454	p=0.730	partial $\eta^2=0.014$
Diet × Context	F(1,32)=0.765	p=0.388	partial $\eta^2=0.023$
Time × Diet × Context	F(3.25,103.9)=0.938	p=0.431	partial $\eta^2=0.028$

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S15E Table

<b>Females</b>	<b>Experiment 3 – Water/day</b>		
Diet	F(1,30)=91.88	<b>p&lt;0.001</b>	partial $\eta^2=0.754$
Context	F(1,30)=0.009	p=0.927	partial $\eta^2=0.000$
Time	F(3.16,94.64)=13.26	<b>p&lt;0.001</b>	partial $\eta^2=0.306$
Time × Diet	F(3.16,94.64)=1.647	p=0.182	partial $\eta^2=0.052$
Time × Context	F(3.16,94.64)=0.249	p=0.871	partial $\eta^2=0.008$
Diet × Context	F(1,30)=0.039	p=0.845	partial $\eta^2=0.001$
Time × Diet × Context	F(3.16,94.64)=0.163	p=0.928	partial $\eta^2=0.005$

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S15F Table

<b>Males</b>	<b>Experiment 3 – Water/day</b>		
Diet	F(1,27)=45.38	<b>p&lt;0.001</b>	partial $\eta^2=0.627$
Context	F(1,27)=0.201	p=0.657	partial $\eta^2=0.007$
Time	F(3.73,100.8)=17.83	<b>p&lt;0.001</b>	partial $\eta^2=0.398$
Time × Diet	F(3.73,100.8)=2.515	p=0.050	partial $\eta^2=0.085$
Time × Context	F(3.73,100.8)=0.952	p=0.433	partial $\eta^2=0.034$
Diet × Context	F(1,27)=0.035	p=0.853	partial $\eta^2=0.001$
Time × Diet × Context	F(3.73,100.8)=0.445	p=0.763	partial $\eta^2=0.016$

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