Supplemental Material for

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

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S26 Table. Three-way repeated measures ANOVAs on weekly average kcal consumed per day by context fear conditioned mice across Experiments.

S26A Table

Females	**Experiment 1 – kcal/day**
Diet	F(1,30)=3.622 p=**0.067** partial η^2=**0.108**
Context	F(1,30)=0.105 p=0.749 partial η^2=0.003
Time	F(1.67,50.22)=0.640 p=0.505 partial η^2=0.021
Time × Diet	F(1.67,50.22)=0.568 p=0.540 partial η^2=0.019
Time × Context	F(1.67,50.22)=1.251 p=0.290 partial η^2=0.040
Diet × Context	F(1,30)=0.244 p=0.625 partial η^2=0.008
Time × Diet × Context	F(1.67,50.22)=0.823 p=0.426 partial η^2=0.027

S26B Table

Males	**Experiment 1 – kcal/day**
Diet	F(1,29)=0.204 p=0.655 partial η^2=0.007
Context	F(1,29)=0.013 p=0.911 partial η^2=0.000
Time	F(1.85,53.70)=1.833 p=0.172 partial η^2=0.059
Time × Diet	F(1.85,53.70)=0.354 p=0.687 partial η^2=0.012
Time × Context	F(1.85,53.70)=0.148 p=0.847 partial η^2=0.005
Diet × Context	F(1,29)=0.003 p=0.959 partial η^2=0.000
Time × Diet × Context	F(1.85,53.70)=0.866 p=0.419 partial η^2=0.029

S26C Table

Females	**Experiment 2 – kcal/day**
Diet	F(1,30)=27.67 **p<0.001** partial η^2=**0.480**
Context	F(1,30)=0.016 p=0.901 partial η^2=0.001
Time	F(3.72,111.7)=13.06 **p<0.001** partial η^2=**0.303**
Time × Diet	F(3.72,111.7)=0.221 p=0.916 partial η^2=0.007
Time × Context	F(3.72,111.7)=1.325 p=0.267 partial η^2=0.042
Diet × Context	F(1,30)=0.034 p=0.856 partial η^2=0.001
Time × Diet × Context	F(3.72,111.7)=0.434 p=0.771 partial η^2=0.014

S26D Table

Males	**Experiment 2 – kcal/day**
Diet	F(1,32)=0.756 p=0.391 partial η^2=0.023
Context	F(1,32)=0.117 p=0.735 partial η^2=0.004
Time	F(4.32,138.1)=10.33 **p<0.001** partial η^2=**0.244**
Time × Diet	F(4.32,138.1)=1.334 p=0.258 partial η^2=0.040
Time × Context	F(4.32,138.1)=0.436 p=0.797 partial η^2=0.013

Diet × Context	F(1,32)=0.654 p=0.425 partial η^2=0.020
Time × Diet × Context	F(4.32,138.1)=0.759 p=0.563 partial η^2=0.023

S26E Table

Females	**Experiment 3 – kcal/day**
Diet	F(1,30)=10.63 **p=0.003** partial η^2=**0.262**
Context	F(1,30)=1.166 p=0.289 partial η^2=0.037
Time	F(2.81,84.25)=5.167 **p=0.003** partial η^2=**0.147**
Time × Diet	F(2.81,84.25)=1.684 p=0.180 partial η^2=0.053
Time × Context	F(2.81,84.25)=0.462 p=0.697 partial η^2=0.015
Diet × Context	F(1,30)=0.029 p=0.866 partial η^2=0.001
Time × Diet × Context	F(2.81,84.25)=0.453 p=0.703 partial η^2=0.015

S26F Table

Males	**Experiment 3 – kcal/day**
Diet	F(1,28)=4.534 **p=0.042** partial η^2=**0.139**
Context	F(1,28)=0.014 p=0.906 partial η^2=0.001
Time	F(3.42,95.83)=5.161 **p=0.002** partial η^2=**0.156**
Time × Diet	F(3.42,95.83)=0.990 p=0.408 partial η^2=0.034
Time × Context	F(3.42,95.83)=1.274 p=0.287 partial η^2=0.044
Diet × Context	F(1,28)=0.489 p=0.490 partial η^2=0.017
Time × Diet × Context	F(3.42,95.83)=0.552 p=0.671 partial η^2=0.019