Supplemental Material for

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

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S24 Table. Three-way repeated measures ANOVAs on weekly average NaCl consumed as a percentage of body weight in context fear conditioned mice across Experiments.

S24A Table

Females	**Experiment 1 – NaCl as % BW**
Diet	F(1,30)=532.7 **p<0.001** partial η^2=**0.947**
Context	F(1,30)=0.408 p=0.528 partial η^2=0.013
Time	F(1.51,45.38)=2.849 p=0.082 partial η^2=0.087
Time × Diet	F(1.51,45.38)=2.372 p=0.117 partial η^2=0.073
Time × Context	F(1.51,45.38)=0.648 p=0.487 partial η^2=0.021
Diet × Context	F(1,30)=0.378 p=0.544 partial η^2=0.012
Time × Diet × Context	F(1.51,45.38)=0.578 p=0.519 partial η^2=0.019

S24B Table

Males	**Experiment 1 – NaCl as % BW**
Diet	F(1,29)=496.0 **p<0.001** partial η^2=**0.945**
Context	F(1,29)=0.002 p=0.968 partial η^2=0.000
Time	F(1.75,50.83)=0.847 p=0.421 partial η^2=0.028
Time × Diet	F(1.75,50.83)=0.841 p=0.424 partial η^2=0.028
Time × Context	F(1.75,50.83)=0.937 p=0.388 partial η^2=0.031
Diet × Context	F(1,29)=0.005 p=0.944 partial η^2=0.000
Time × Diet × Context	F(1.75,50.83)=1.047 p=0.351 partial η^2=0.035

S24C Table

Females	**Experiment 2 – NaCl as % BW**
Diet	F(1,30)=1804 **p<0.001** partial η^2=**0.984**
Context	F(1,30)=0.102 p=0.752 partial η^2=0.003
Time	F(3.02,90.73)=2.635 p=0.054 partial η^2=0.081
Time × Diet	F(3.02,90.73)=1.623 p=0.189 partial η^2=0.051
Time × Context	F(3.02,90.73)=1.068 p=0.367 partial η^2=0.034
Diet × Context	F(1,30)=0.162 p=0.690 partial η^2=0.005
Time × Diet × Context	F(3.02,90.73)=0.897 p=0.447 partial η^2=0.029

S24D Table

Males	**Experiment 2 – NaCl as % BW**
Diet	F(1,32)=819.4 p<0.001 partial η^2=0.962
Context	F(1,32)=1.631 p=0.211 partial η^2=0.048
Time	F(3.82,122.1)=4.817 p=0.001 partial η^2=0.131
Time × Diet	F(3.82,122.1)=3.901 **p=0.006** partial η^2=**0.109**
Time × Context	F(3.82,122.1)=0.665 p=0.610 partial η^2=0.020

Diet × Context	F(1,32)=1.895 p=0.178 partial η^2=0.056
Time × Diet × Context	F(3.82,122.1)=0.665 p=0.610 partial η^2=0.020

S24E Table

Females	**Experiment 3 – NaCl as % BW**
Diet	F(1,30)=873.8 **p<0.001** partial η^2=**0.967**
Context	F(1,30)=0.439 p=0.513 partial η^2=0.014
Time	F(1.92,57.61)=1.531 p=0.225 partial η^2=0.049
Time × Diet	F(1.92,57.61)=0.948 p=0.390 partial η^2=0.031
Time × Context	F(1.92,57.61)=0.237 p=0.781 partial η^2=0.008
Diet × Context	F(1,30)=0.621 p=0.437 partial η^2=0.020
Time × Diet × Context	F(1.92,57.61)=0.197 p=0.813 partial η^2=0.007

S24F Table

Males	**Experiment 3 – NaCl as % BW**
Diet	F(1,28)=772.2 **p<0.001** partial η^2=**0.965**
Context	F(1,28)=0.941 p=0.340 partial η^2=0.033
Time	F(2.75,76.95)=3.738 **p=0.017** partial η^2=**0.118**
Time × Diet	F(2.75,76.95)=2.772 p=0.052 partial η^2=0.090
Time × Context	F(2.75,76.95)=0.699 p=0.544 partial η^2=0.024
Diet × Context	F(1,28)=0.807 p=0.377 partial η^2=0.028
Time × Diet × Context	F(2.75,76.95)=0.627 p=0.586 partial η^2=0.022