Supplemental Material for

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

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S25 Table. Three-way repeated measures ANOVAs on weekly ratio of water to NaCl consumed in context fear conditioned mice across Experiments.

S25A Table

Females	**Experiment 1 – Water:NaCl Ratio**
Diet	F(1,30)=158.3 **p<0.001** partial η^2=**0.841**
Context	F(1,30)=0.020 p=0.890 partial η^2=0.001
Time	F(1.86,55.66)=1.501 p=0.232 partial η^2=0.048
Time × Diet	F(1.86,55.66)=1.044 p=0.354 partial η^2=0.034
Time × Context	F(1.86,55.66)=0.511 p=0.589 partial η^2=0.017
Diet × Context	F(1,30)=0.000 p=0.996 partial η^2=0.000
Time × Diet × Context	F(1.86,55.66)=0.264 p=0.752 partial η^2=0.009

S25B Table

Males	**Experiment 1 – Water:NaCl Ratio**
Diet	F(1,26)=88.66 p<0.001 partial η^2=0.773
Context	F(1,26)=0.351 p=0.559 partial η^2=0.013
Time	F(1.91,49.53)=13.16 p<0.001 partial η^2=0.336
Time × Diet	F(1.91,49.53)=11.52 **p<0.001** partial η^2=**0.307**
Time × Context	F(1.91,49.53)=0.923 p=0.400 partial η^2=0.034
Diet × Context	F(1,26)=0.896 p=0.353 partial η^2=0.033
Time × Diet × Context	F(1.91,49.53)=1.376 p=0.262 partial η^2=0.050

S25C Table

Females	**Experiment 2 – Water:NaCl Ratio**
Diet	F(1,29)=417.8 p<0.001 partial η^2=0.935
Context	F(1,29)=0.839 p=0.367 partial η^2=0.028
Time	F(3.96,114.7)=4.894 p=0.001 partial η^2=0.144
Time × Diet	F(3.96,114.7)=4.698 **p=0.002** partial η^2=**0.139**
Time × Context	F(3.96,114.7)=0.952 p=0.436 partial η^2=0.032
Diet × Context	F(1,29)=1.627 p=0.212 partial η^2=0.053
Time × Diet × Context	F(3.96,114.7)=0.792 p=0.532 partial η^2=0.027

S25D Table

Males	**Experiment 2 – Water:NaCl Ratio**
Diet	F(1,31)=154.6 p<0.001 partial η^2=0.833
Context	F(1,31)=1.027 p=0.319 partial η^2=0.032
Time	F(3.70,114.6)=8.018 p<0.001 partial η^2=0.205
Time × Diet	F(1.17,37.97)=4.476 **p=0.003** partial η^2=**0.126**
Time × Context	F(1.17,37.97)=0.161 p=0.949 partial η^2=0.005

Diet × Context	F(1,31)=0.615 p=0.439 partial η^2=0.019
Time × Diet × Context	F(1.17,37.97)=0.170 p=0.945 partial η^2=0.005

S25E Table

Females	**Experiment 3 – Water:NaCl Ratio**
Diet	F(1,28)=225.1 p<0.001 partial η^2=0.889
Context	F(1,28)=0.184 p=0.671 partial η^2=0.007
Time	F(2.64,73.98)=4.532 p=0.008 partial η^2=0.139
Time × Diet	F(2.64,73.98)=3.094 **p=0.038** partial η^2=**0.100**
Time × Context	F(2.64,73.98)=0.358 p=0.758 partial η^2=0.013
Diet × Context	F(1,28)=0.165 p=0.687 partial η^2=0.006
Time × Diet × Context	F(2.64,73.98)=0.394 p=0.732 partial η^2=0.014

S25F Table

Males	**Experiment 3 – Water:NaCl Ratio**
Diet	F(1,27)=212.8 p<0.001 partial η^2=0.887
Context	F(1,27)=0.999 p=0.326 partial η^2=0.036
Time	F(2.82,76.01)=8.667 p<0.001 partial η^2=0.243
Time × Diet	F(2.82,76.01)=4.683 **p=0.006** partial η^2=**0.148**
Time × Context	F(2.82,76.01)=1.027 p=0.382 partial η^2=0.037
Diet × Context	F(1,27)=1.140 p=0.295 partial η^2=0.041
Time × Diet × Context	F(2.82,76.01)=0.879 p=0.450 partial η^2=0.032