

Supplemental Material for

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

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S6 Table. Three-way repeated measures ANOVAs on full 10 min time course of context fear testing for control no shock mice across Experiments.

Experiment 1	No Shock – Context Fear Testing		
Sex	F(1,30)=5.414	p=0.027	partial $\eta^2=0.153$
Diet	F(1,30)=1.972	p=0.170	partial $\eta^2=0.062$
Time	F(8.43,252.8)=1.005	p=0.453	partial $\eta^2=0.032$
Time × Sex	F(8.43,252.8)=0.602	p=0.784	partial $\eta^2=0.020$
Time × Diet	F(8.43,252.8)=0.706	p=0.693	partial $\eta^2=0.023$
Sex × Diet	F(1,30)=0.138	p=0.713	partial $\eta^2=0.005$
Time × Sex × Diet	F(8.43,252.8)=1.022	p=0.421	partial $\eta^2=0.033$

Experiment 2	No Shock – Context Fear Testing		
Sex	F(1,30)=5.647	p=0.024	partial $\eta^2=0.158$
Diet	F(1,30)=0.000	p=0.992	partial $\eta^2=0.000$
Time	F(7.15,214.5)=3.614	p<0.001	partial $\eta^2=0.108$
Time × Sex	F(7.15,214.5)=1.753	p=0.097	partial $\eta^2=0.055$
Time × Diet	F(7.15,214.5)=1.166	p=0.323	partial $\eta^2=0.037$
Sex × Diet	F(1,30)=0.317	p=0.578	partial $\eta^2=0.010$
Time × Sex × Diet	F(7.15,214.5)=0.863	p=0.538	partial $\eta^2=0.028$

Experiment 3	No Shock – Context Fear Testing		
Sex	F(1,27)=3.799	p=0.062	partial $\eta^2=0.123$
Diet	F(1,27)=0.002	p=0.966	partial $\eta^2=0.000$
Time	F(7.48,202.0)=1.440	p=0.186	partial $\eta^2=0.051$
Time × Sex	F(7.48,202.0)=1.459	p=0.179	partial $\eta^2=0.051$
Time × Diet	F(7.48,202.0)=0.549	p=0.807	partial $\eta^2=0.020$
Sex × Diet	F(1,27)=0.890	p=0.354	partial $\eta^2=0.032$
Time × Sex × Diet	F(7.48,202.0)=0.459	p=0.874	partial $\eta^2=0.017$