

**Supplementary Table 1. Effect size calculations and comparisons for CTA.**

**A. CTA Magnitude of the conditioned effect (i.e. compared to vehicle conditioning)**

Experiment	Dose	Exp .History (Dose)	<i>T-test</i>		<i>95% CI</i>		<i>Weighted Mean</i>	<i>X2</i>	
			<i>p value</i>	<i>Cohen's d</i>	<i>lower</i>	<i>upper</i>		<i>Statistic</i>	<i>p value</i>
1	0	vs. VEH (2 g/kg)	0.000	2.080	0.914	3.246			
2	0	vs. VEH (1 g/kg)	0.197	0.636	-0.370	1.642	0.858	1.657	>0.05
3	0	vs. VEH (2 g/kg + 3 mg/kg)	0.004	1.187	0.263	2.112			
1	0	vs. EtOH (2 g/kg)	0.158	0.678	-0.301	1.656			
2	0	vs. EtOH (1 g/kg)	0.971	0.017	-0.966	1.001	0.156	1.687	>0.05
3	0	vs. EtOH (2 g/kg + 3 mg/kg)	0.799	0.125	-0.830	1.079			
1	0	vs. CAFF (2 g/kg)	0.000	1.992	0.874	3.109			
2	0	vs. CAFF (1 g/kg)	0.081	0.872	-0.153	1.897	1.072	0.711	>0.05
3	0	vs. CAFF (2 g/kg + 3 mg/kg)	0.002	1.186	0.282	2.089			
1	0	vs. BOTH (2 g/kg)	0.012	1.312	0.269	2.356			
2	0	vs. BOTH (1 g/kg)	0.087	0.852	-0.172	1.875	0.763	0.359	>0.05
3	0	vs. BOTH (2 g/kg + 3 mg/kg)	0.195	0.613	-0.333	1.560			

**B. CTA Effect sizes: Differences according to exposure history**

than 5.991 with 2 df			<i>T-test</i>		<i>95% CI</i>		<i>Weighted Mean</i>	<i>X2</i>	
Experiment	Exp. History	Exp .History (Dose)	<i>p value</i>	<i>Cohen's d</i>	<i>lower</i>	<i>upper</i>		<i>Statistic</i>	<i>p value</i>
1	VEH	vs. EtOH	0.005	1.390	0.304	0.924			
2	VEH	vs. EtOH	0.224	0.624	-0.451	1.575	0.838	0.437	>0.05
3	VEH	vs. EtOH	0.010	1.154	0.099	1.068			
1	VEH	vs. CAFF	0.728	0.162	-0.793	1.731			
2	VEH	vs. CAFF	0.574	0.288	-0.770	1.827	0.121	0.241	>0.05
3	VEH	vs. CAFF	0.906	0.050	-0.808	1.636			
1	VEH	vs. BOTH	0.149	0.659	-0.348	1.403			
2	VEH	vs. BOTH	0.633	0.243	-0.813	1.863	0.434	0.295	>0.05
3	VEH	vs. BOTH	0.109	0.243	-0.813	1.863			
1	EtOH	vs. CAFF	0.006	1.296	0.255	0.910			
2	EtOH	vs. CAFF	0.097	0.863	-0.233	1.411	1.011	0.097	>0.05
3	EtOH	vs. CAFF	0.005	1.154	0.130	1.000			
1	EtOH	vs. BOTH	0.192	0.647	-0.360	1.412			
2	EtOH	vs. BOTH	0.102	0.842	-0.251	1.425	0.606	0.084	>0.05
3	EtOH	vs. BOTH	0.330	0.517	-0.592	1.738			
1	CAFF	vs. BOTH	0.203	0.561	-0.409	1.413			
2	CAFF	vs. BOTH	0.903	0.062	-0.991	2.011	0.322	0.697	>0.05
3	CAFF	vs. BOTH	0.082	0.682	-0.269	1.266			

**Supplementary Table 2. Effect size calculations and comparisons for footslip measurements.**

**A. Footslip: Magnitude of the acute ataxic effects (i.e. the response compared to acute vehicle challenge)**

Experiment	Dose	Exp .History (Dose)	T-test		95% CI		Weighted Mean	X2 Statistic	p value
			p value	Cohen's d	lower	upper			
1	0	vs. VEH (2 g/kg)	0.001	2.102	0.911	3.534			
2	0	vs. VEH (3 g/kg)	0.002	1.560	0.596	2.655	2.114	0.581	>0.05
3	0	vs. VEH (2 g/kg + 3 mg/kg)	0.000	3.074	2.080	4.233			
1	0	vs. EtOH (2 g/kg)	0.000	3.650	2.187	5.505			
2	0	vs. EtOH (3 g/kg)	0.000	2.659	1.532	4.007	2.692	0.348	>0.05
3	0	vs. EtOH (2 g/kg + 3 mg/kg)	0.000	2.563	1.662	3.596			
1	0	vs. CAFF (2 g/kg)	0.005	1.658	0.495	3.029			
2	0	vs. CAFF (3 g/kg)	0.005	1.344	0.402	2.399	2.436	1.283	>0.05
3	0	vs. CAFF (2 g/kg + 3 mg/kg)	0.000	3.700	2.647	4.931			
1	0	vs. BOTH (2 g/kg)	0.003	1.709	0.578	3.038			
2	0	vs. BOTH (3 g/kg)	0.005	1.360	0.416	2.417	1.595	0.054	>0.05
3	0	vs. BOTH (2 g/kg + 3 mg/kg)	0.000	1.729	0.958	2.584			

**B. Footslip Effect Size Comparisons: Differences between exposure histories**

Experiment	Exp. History	Exp .History	T-test		95% CI		Weighted Mean	X2 Statistic	p value
			p value	Cohen's d	lower	upper			
1	VEH	vs. EtOH	0.007	1.452	0.388	2.673			
2	VEH	vs. EtOH	0.377	0.408	-0.565	1.422	0.700	1.431	>0.05
3	VEH	vs. EtOH	0.004	1.292	0.398	2.283			
1	VEH	vs. CAFF	0.533	0.312	-0.769	1.431			
2	VEH	vs. CAFF	0.522	0.294	-0.680	1.297	0.378	0.068	>0.05
3	VEH	vs. CAFF	0.214	0.498	-0.316	1.346			
1	VEH	vs. BOTH	0.022	1.215	0.140	2.431			
2	VEH	vs. BOTH	0.038	1.014	0.019	2.109	1.082	0.021	>0.05
3	VEH	vs. BOTH	0.011	1.072	0.233	1.984			
1	EtOH	vs. CAFF	0.055	0.997	-0.062	2.170			
2	EtOH	vs. CAFF	0.203	0.596	-0.379	1.631	0.872	1.300	>0.05
3	EtOH	vs. CAFF	0.000	1.893	0.990	2.919			
1	EtOH	vs. BOTH	0.6868	0.190	-0.819	1.218			
2	EtOH	vs. BOTH	0.008	1.364	0.340	2.524	0.151	9.759	<0.01
3	EtOH	vs. BOTH	0.837	0.079	-0.720	0.884			
1	CAFF	vs. BOTH	0.124	0.801	-0.285	1.987			
2	CAFF	vs. BOTH	0.045	0.974	-0.017	2.063	1.068	0.370	>0.05
3	CAFF	vs. BOTH	0.000	1.630	0.790	2.567			