

Supplementary Table S1. Statistical summary of results

Experiments	Sex	Comparison	Measurement	Statistical test	ANOVA factors	Statistics	Degrees of freedom	P-value	Figures
Bodyweight	female	Vehicle1 vs CORT1	% of baseline weight	Repeated measure ANOVA	Time	F = 73.82	df1 = 7 ; df2 = 12	P<0.0001	1b
					Treatment	F = 9.20	df1 = 1 ; df2 = 12	0.0100	
					Interaction	F = 4.16	df1 = 7 ; df2 = 12	0.0010	
		Vehicle2 vs CORT2			Time	F = 48.50	df1 = 5.05 ; df2 = 13	P<0.0001	1c
					Treatment	F = 5.77	df1 = 1 ; df2 = 13	0.0320	
					Interaction	F = 2.11	df1 = 5.05 ; df2 = 13	0.0750	
	male	Vehicle1 vs CORT1			Time	F = 68.92	df1 = 3.61 ; df2 = 17	P<0.0001	1d
					Treatment	F = 7.76	df1 = 1 ; df2 = 17	0.0130	
					Interaction	F = 5.26	df1 = 3.61 ; df2 = 17	0.0010	
		Vehicle2 vs CORT2			Time	F = 74.34	df1 = 3.56 ; df2 = 17	P<0.0001	1e
					Treatment	F = 1.49	df1 = 1 ; df2 = 17	0.239	
					Interaction	F = 4.22	df1 = 3.56 ; df2 = 17	0.0060	
SPT	female	Vehicle1 vs CORT1	Relative sucrose preference	Unpaired t-test		t = 0.19	df1 = 8.20	0.8566	2a
		Vehicle2 vs CORT2		Welch t-test		t = 1.37	df1 = 14.00	0.1923	2b
	male	Vehicle1 vs CORT1		Unpaired t-test		t = 1.07	df1 = 12.98	0.3032	2c
		Vehicle2 vs CORT2		Welch t-test		t = 0.55	df1 = 22.00	0.5876	2d

NSF	female	Vehicle1 vs CORT1	Relative latency to first bite	Welch t-test		t = 0.79	df1 = 13.23	0.4421	3a
		Vehicle2 vs CORT2		Unpaired t-test		t = 3.88	df1 = 23.00	0.0008	3b
	male	Vehicle1 vs CORT1		Welch t-test		t = 2.13	df1 = 18.12	0.0476	3c
		Vehicle2 vs CORT2		Unpaired t-test		t = 2.43	df1 = 26.00	0.0220	3d
SI	female	Vehicle1 vs CORT1	Relative social interaction	Repeated measure ANOVA	Social preference	F = 4.41	df1 = 1 ; df2 = 24	0.0351	4b
					Treatment	F = 0.02	df1 = 1 ; df2 = 24	0.8820	
					Interaction	F = 1.26	df1 = 1 ; df2 = 24	0.2720	
		Vehicle2 vs CORT2			Social preference	F = 4.70	df1 = 1 ; df2 = 24	0.0400	4c
					Treatment	F = 0.03	df1 = 1 ; df2 = 24	0.8720	
					Interaction	F = 2.51	df1 = 1 ; df2 = 24	0.1260	
	male	Vehicle1 vs CORT1			Social preference	F = 2.71	df1 = 1 ; df2 = 26	0.1120	4d
					Treatment	F = 0.03	df1 = 1 ; df2 = 26	0.8740	
					Interaction	F = 0.46	df1 = 1 ; df2 = 26	0.5060	
		Vehicle2 vs CORT2			Social preference	F = 26.37	df1 = 1 ; df2 = 26	P<0.0001	4e
					Treatment	F = 0.21	df1 = 1 ; df2 = 26	0.6500	
					Interaction	F = 0.47	df1 = 1 ; df2 = 26	0.4999	
FST	female	Vehicle1 vs CORT1	Relative immobility	Unpaired t-test		t = 0.66	df1 = 26.00	0.5125	5a
		Vehicle2 vs CORT2		Unpaired t-test		t = 2.33	df1 = 21.00	0.0298	5b

	male	Vehicle1 vs CORT1		Unpaired t-test		t = 0.96	df1 = 22.00	0.3493	5c
		Vehicle2 vs CORT2		Welch t-test		t = 1.53	df1 = 18.39	0.8798	5d
Food consumption	female	Vehicle1 vs CORT1	Relative food consumption	Unpaired t-test		t = 0.24	df1 = 24.00	0.8115	Suppl. 1a
		Vehicle2 vs CORT2		Unpaired t-test		t = 1.15	df1 = 24.00	0.2622	Suppl. 1b
	male	Vehicle1 vs CORT1		Unpaired t-test		t = 1.09	df1 = 21.00	0.2877	Suppl. 1c
		Vehicle2 vs CORT2		Unpaired t-test		t = 0.46	df1 = 24.00	0.6510	Suppl. 1d
Body Weight loss	female	Vehicle1 vs CORT1	Relative body weight loss	Unpaired t-test		t = 1.16	df1 = 23.00	0.2565	Suppl. 1e
		Vehicle2 vs CORT2		Unpaired t-test		t = 0.74	df1 = 25.00	0.4637	Suppl. 1f
	male	Vehicle1 vs CORT1		Unpaired t-test		t = 1.05	df1 = 22.00	0.3032	Suppl. 1g
		Vehicle2 vs CORT2		Unpaired t-test		t = 1.61	df1 = 25.00	0.1209	Suppl. 1h
Drinking volume	female	Vehicle1 vs CORT1	Relative drinking volume	Unpaired t-test		t = 0.75	df1 = 26.00	0.4595	Suppl. 2a
		Vehicle2 vs CORT2		Unpaired t-test		t = 1.09	df1 = 28.00	0.2841	Suppl. 2b
	male	Vehicle1 vs CORT1		Welch t-test		t = 1.98	df1 = 16.35	0.0653	Suppl. 2c
		Vehicle2 vs CORT2		Welch t-test		t = 2.49	df1 = 17.46	0.0234	Suppl. 2d

Posthoc pairwise comparison for bodyweight and Social Interaction test

Experiment	Sex	Comparison		Statistical test	P-value	Figure
Bodyweight	female	Vehicle1 vs CORT1	Week 1	Posthoc pairwise comparison	0.001	1b
		Vehicle1 vs CORT1	Week 2		0.017	
		Vehicle1 vs CORT1	Week 3		0.002	
		Vehicle1 vs CORT1	Week 4		0.047	
		Vehicle1 vs CORT1	Week 5-8		P>0.05	
		Vehicle2 vs CORT2	Week1-8	No interaction		1c
	male	Vehicle1 vs CORT1	Week 3	Posthoc pairwise comparison	0.004	1d
		Vehicle1 vs CORT1	Week 4		0.006	
		Vehicle1 vs CORT1	Week 6		0.033	
		Vehicle1 vs CORT1	Week 7		0.048	
		Vehicle1 vs CORT1	Week 8		0.003	
		Vehicle1 vs CORT1	Week 1,2,5		P>0.05	
		Vehicle2 vs CORT2	Week 1		P<0.0001	1e
		Vehicle2 vs CORT2	Week 2-8		P>0.05	

SI	female	Vehicle1	Object vs Stranger	Posthoc pairwise comparison	0.0318	4b
		CORT1			P>0.05	
		Vehicle2			0.0139	4c
		CORT2			P>0.05	
	male	Vehicle1			P>0.05	4d
		CORT1			P>0.05	
		Vehicle2			P<0.0001	4e
		CORT2			0.0040	