Supplementary Table 1

Vehicle and TAM

Behavioral Test	n (veh)	n (TAM)	Measurement	Statistical Test	Comparison	Statistic	p value	Figure
DG Total BrdU	5	5	Total DG BrdU	One-way ANOVA	vehicle v TAM	F(1,8)=12.844	**0.0071**	
			Dorsal DG Total BrdU	One-way ANOVA	vehicle v TAM	F(1,8)=16.595	**0.0036**	
			Ventral DG Total BrdU	One-way ANOVA	vehicle v TAM	F(1,8)=8.968	**0.0172**	1C
BrdU/NeuN Colabel	3	3	Total % BrdU+/NeuN	One-way ANOVA	vehicle v TAM	F(1,4)=0.515	0.5128	
			Dorsal % BrdU+/NeuN+	One-way ANOVA	vehicle v TAM	F(1,4)=0.083	0.7873	
			Ventral % BrdU+/NeuN+	One-way ANOVA	vehicle v TAM	F(1,4)=1.055	0.3623	
Hypothalamus BrdU	5	5	Hypothalamus BrdU	One-way ANOVA	vehicle v TAM	F(1,8)=1.694	0.2293	1D
Open Field	8	8	Total Distance	One-way ANOVA	vehicle v TAM	F(1,14)=3.400	0.0865	1E
			% Center Distance	One-way ANOVA	vehicle v TAM	F(1,14)=1.365	0.2622	1E
			Center Distance	One-way ANOVA	vehicle v TAM	F(1,14)=0.388	0.5434	
			Center Entries	One-way ANOVA	vehicle v TAM	F(1,14)=1.248	0.2827	S1A
			Time in Center	One-way ANOVA	vehicle v TAM	F(1,14)=1.557	0.2326	
Elevated Plus Maze	7	8	Time in Open Arms	One-way ANOVA	vehicle v TAM	F(1,14)=0.876	0.3663	1F
			Open Arm Entries	One-way ANOVA	vehicle v TAM	F(1,14)=0.403	0.5358	
Tail Suspension	8	8	Total Mobility	One-way ANOVA	vehicle v TAM	F(1,14)=0.663	0.4292	1G
Cort Levels	4	5	Restraint 0	One-way ANOVA	vehicle v TAM	F(1,7)=0.113	0.7463	
	8	7	Restraint 30	One-way ANOVA	vehicle v TAM	F(1,13)=0.110	0.7452	
	8	11	Restraint 60	One-way ANOVA	vehicle v TAM	F(1,15)-2.153	0.163	2
	8	7	Restraint 90	One-way ANOVA	vehicle v TAM	F(1,13)=1.539	0.2367	
	7	7	Novel Cage 15	One-way ANOVA	vehicle v TAM	F(1,12)=1.198	0.2952	

Vehicle, CORT and TAM+CORT

Behavioral Test	n (veh)	n (CORT)	n (TAM+CORT)	Measurement	Statistical Test	Comparison	Statistic	p value	Figure
BrdU	4	4	7	Total BrdU	One-way ANOVA	vehicle v CORT	$F_{(1,6)}=1.086$	0.3376	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,9)}=5.330$	0.0463	
				Dorsal BrdU	One-way ANOVA	vehicle v CORT	$F_{(1,6)}=1.212$	0.3132	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,9)}=4.461$	0.0638	
				Ventral BrdU	One-way ANOVA	vehicle v CORT	$F_{(1,6)}=0.652$	0.4501	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,9)}=6.970$	**0.0269**	
BrdU/NeuN/MBP Colabel	4	4	6	Total % BrdU+ / NeuN+	One-way ANOVA	vehicle v CORT	$F_{(1,6)}=1.423$	0.278	3E
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,8)}=3.058$	0.1185	
				Dorsal % BrdU+ / NeuN+	One-way ANOVA	vehicle v CORT	$F_{(1,6)}=0.157$	0.7059	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,8)}=0.004$	0.9524	
				Ventral % BrdU+/NeuN+	One-way ANOVA	vehicle v CORT	$F_{(1,6)}=2.670$	0.1534	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,8)}=7.987$	**0.0223**	
DCX	4	5	7	Total DCX	One-way ANOVA	vehicle v CORT	$F_{(1,7)}=15.994$	**0.0052**	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,10)}=16.789$	**0.0022**	
				3' DCX	One-way ANOVA	vehicle v CORT	$F_{(1,7)}=4.754$	0.0656	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,10)}=18.025$	**0.0017**	
				Dorsal DCX	One-way ANOVA	vehicle v CORT	$F_{(1,7)}=4.387$	0.0745	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,10)}=6.627$	**0.0277**	3D
				Dorsal 3' DCX	One-way ANOVA	vehicle v CORT	$F_{(1,7)}=3.188$	0.1174	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,10)}=9.085$	**0.013**	
				Ventral DCX	One-way ANOVA	vehicle v CORT	$F_{(1,7)}=6.393$	**0.0393**	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,10)}=18.783$	**0.0015**	
				Ventral 3' DCX	One-way ANOVA	vehicle v CORT	$F_{(1,7)}=2.937$	0.1303	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,10)}=19.518$	**0.0013**	
Open Field	9	10	8	Total Distance	One-way ANOVA	vehicle v CORT	$F_{(1,17)}=1.162$	0.2962	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,16)}=0.032$	0.8606	4B
				% Center Distance	One-way ANOVA	vehicle v CORT	$F_{(1,17)}=1.754$	0.2029	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,16)}=1.554$	0.2305	
				Center Distance	One-way ANOVA	vehicle v CORT	$F_{(1,17)}=0.339$	0.5699	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,16)}=0.032$	0.8606	S1A
				Center Entries	One-way ANOVA	vehicle v CORT	$F_{(1,17)}=0.079$	0.783	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,16)}=0.056$	0.816	
				Time in Center	One-way ANOVA	vehicle v CORT	$F_{(1,17)}=0.037$	0.8495	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,16)}=0.011$	0.9191	
Elevated Plus Maze	12	15	15	Time in Open Arms	One-way ANOVA	vehicle v CORT	$F_{(1,25)}=6.860$	**0.0148**	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,28)}=6.273$	**0.0184**	4C
				Open Arm Entries	One-way ANOVA	vehicle v CORT	$F_{(1,25)}=6.537$	**0.017**	
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,28)}=4.252$	**0.0486**	
Tail Suspension Test	14	15	14	Total Mobility	One-way ANOVA	vehicle v CORT	$F_{(1,26)}=5.130$	**0.0321**	4D
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,26)}=9.597$	**0.0046**	
Cort Levels	5	5	6	Plasma CORT	One-way ANOVA	vehicle v CORT	$F_{(1,8)}=5.155$	0.0528	4E
					One-way ANOVA	CORT v TAM+CORT	$F_{(1,9)}=0.016$	0.9029	

Behavioral Test	Measurement	Statistical Test	Comparison	Statistic	p value	Figure
Open Field	% Center Distance	2-way ANOVA	Factor 1- CORT	F(1,39)=0.857	0.3602	
			Factor 2- TAM	F(1,39)=2.147	0.1509	
			CORT x TAM interaction	F(1,39)=0.007	0.9319	
	Total Distance	2-way ANOVA	Factor 1- CORT	F(1,39)=4.773	**0.035**	
			Factor 2- TAM	F(1,39)=0.891	0.3509	
			CORT x TAM interaction	F(1,39)=1.311	0.2592	
		PLSD Post-hoc test	vehicle v CORT		0.4093	
			vehicle v TAM		0.1274	
			CORT v TAM+CORT		0.893	
	Center Distance	2-way ANOVA	Factor 1- CORT	F(1,39)=4.854	**0.0336**	
			Factor 2- TAM	F(1,39)=1.356	0.2512	
			CORT x TAM interaction	F(1,39)=0.523	0.4737	
		PLSD Post-hoc test	vehicle v CORT		0.2424	
			vehicle v TAM		0.1671	S4A
			CORT v TAM+CORT		0.7678	
	Center Entries	2-way ANOVA	Factor 1- CORT	F(1,39)=7.537	**0.0091**	
			Factor 2- TAM	F(1,39)=0.155	0.6957	
			CORT x TAM interaction	F(1,39)=0.375	0.5436	
		PLSD Post-hoc test	vehicle v CORT		0.0951	
			vehicle v TAM		0.4573	
			CORT v TAM+CORT		0.8836	
	Time in Center	2-way ANOVA	Factor 1- CORT	F(1,39)=9.261	**0.0042**	
			Factor 2- TAM	F(1,39)=0.984	0.3273	
			CORT x TAM interaction	F(1,39)=0.789	0.3798	
		PLSD Post-hoc test	vehicle v CORT		0.0918	
			vehicle v TAM		0.1688	
			CORT v TAM+CORT		0.9446	
Elevated Plus Maze	Time in Open Arms	2-way ANOVA	Factor 1- CORT	F(1,54)=0.648	0.4245	
			Factor 2- TAM	F(1,54)=0.595	0.444	
			CORT x TAM interaction	F(1,54)=7.402	**0.0087**	
		PLSD Post-hoc test	vehicle v CORT		**0.0059**	
			vehicle v TAM		0.2012	S4B
			CORT v TAM+CORT		**0.0104**	
	Open Arm Entries	2-way ANOVA	Factor 1- CORT	F(1,54)=0.300	0.586	
			Factor 2- TAM	F(1,54)2.158	0.1477	
			CORT x TAM interaction	F(1,54)6.335	**0.0148**	
		PLSD Post-hoc test	vehicle v CORT		**0.0148**	
			vehicle v TAM		0.5035	
			CORT v TAM+CORT		**0.0294**	
Tail Suspension Test	Total Mobility	2-way ANOVA	Factor 1- CORT	F(1,53)=0.119	0.7316	
			Factor 2- TAM	F(1,53)=4.319	**0.0425**	S4C
			CORT x TAM interaction	F(1,53)=8.896	**0.0043**	
		PLSD Post-hoc test	vehicle v CORT		**0.0082**	
			vehicle v TAM		0.539	
			CORT v TAM+CORT		**0.0005**	
Forced Swim Test	Total Mobility	2-way ANOVA	Factor 1- CORT	F(1,35)=1.847	0.1828	
			Factor 2- TAM	F(1,35)=0.153	0.6979	S4D
			CORT x TAM interaction	F(1,35)=0.01	0.9212	
Novelty Suppressed Feeding	Latency to Feed	2-way ANOVA	Factor 1- CORT	F(1,52)=0.0001	0.994	
			Factor 2- TAM	F(1,52)=0.008	0.9309	S4E
			CORT x TAM interaction	F(1,52)=0.623	0.4334	

Normalized data (continued)

Behavioral Test	Measurement	Statistical Test	Comparison	Statistic	p value	Figure
BrdU	Total BrdU	2-way ANOVA	Factor 1- CORT	F(1,21)=8.889	**0.0071**	S4G
			Factor 2- TAM	F(1,21)=12.972	**0.0017**	
			CORT x TAM interaction	F(1,21)=2.283	0.1457	
		PLSD Post-hoc test	vehicle v CORT		0.3163	
			vehicle v TAM		0.1308	
			CORT v TAM+CORT		**0.0026**	
BrdU/NeuN/MBP Colabel	Dorsal % BrdU+ / NeuN+	2-way ANOVA	Factor 1- CORT	F(1,16)=0.390	0.5413	S4H
			Factor 2- TAM	F(1,16)=0.016	0.902	
			CORT x TAM interaction	F(1,16)=0.043	0.8381	
	Ventral % BrdU+ / NeuN+	2-way ANOVA	Factor 1- CORT	F(1,16)=4.856	**0.0425**	
			Factor 2- TAM	F(1,16)=10.254	**0.0056**	
			CORT x TAM interaction	F(1,16)=3.235	0.091	
		PLSD Post-hoc test	vehicle v CORT		**0.0082**	
			vehicle v TAM		0.3509	
			CORT v TAM+CORT		**0.0021**	