$\label{thm:continuous} Table\ S1.\ Acute\ APP\ Suppression\ Pilot\ Study\ (Figure\ S1)$

	Test	Measure	Effect	df	F value	p value
	1031	Modelle	Treatment	1, 10	132.3	< 0.0001
APP immunoblot	Two-way ANOVA	Signal intensity,	Age	1, 10	0.0104	0.9207
7 H T Himmunoolot	relative to GAPDH		Interaction	1, 10	0.0104	0.9207
CS Silver, cortex	Students t-test	% Surface area	Treatment	5	t = 1.193	0.2864
CS Silver, hippocampus	Students t-test	% Surface area	Treatment	5	t=1.139	0.3064
			Treatment	1, 36	5.112	0.0299
MWM	Two-way ANOVA	Days to criteria	Genotype	1, 36	28.61	< 0.0001
	-		Interaction	1, 36	0.30	0.5886
			Treatment	1, 34	1.047	0.3134
RAWM	Two-way ANOVA	Average errors	Genotype	1, 34	21.39	< 0.0001
			Interaction	1, 34	0.013	0.9094
			Trial	6, 204	2.93	0.0092
	Two-way ANOVA		Condition			
RAWM	with Repeated Measures	Errors per trial	(genotype +	3, 34	7.23	0.0007
	Measures		Interaction	18, 204	0.60	0.9008
			Interaction	10, 204	0.00	0.9008
	Amvloid 1	Histology (Figure 2	2 and Figure S	2)		
	Test	Measure	Effect	df	F value	p value
CS Silver, Cortex	One-way ANOVA	% Surface area	Treatment	4, 46	85.48	< 0.0001
NAB61, Cortex	One-way ANOVA	% Surface area	Treatment	4, 46	16.22	< 0.0001
Thio-S, Cortex	One-way ANOVA	% Surface area	Treatment	4, 46	19.62	< 0.0001
CS Silver, Hippocampus	One-way ANOVA	% Surface area	Treatment	4, 46	75.50	< 0.0001
NAB61, Hippocampus	One-way ANOVA	% Surface area	Treatment	4, 46	13.00	< 0.0001
Thio-S, Hippocampus	One-way ANOVA	% Surface area	Treatment	4, 46	20.34	< 0.0001
		Aβ ELISA (Figur	e S3)			
	Test	Measure	Effect	df	F value	p value
Total Aβ, TBS	One-way ANOVA	Concentration	Treatment	4, 70	54.25	< 0.0001
Total Aβ, TBS-X	One-way ANOVA	Concentration	Treatment	4, 70	4.60	0.0024
Total Aβ, Guanidine	One-way ANOVA	Concentration	Treatment	4, 70	23.33	< 0.0001
Aβ40, TBS	One-way ANOVA	Concentration	Treatment	4, 70	47.11	< 0.0001
Aβ40, TBS-X	One-way ANOVA	Concentration	Treatment	4, 70	3.981	0.0057
Aβ40, Guanidine	One-way ANOVA	Concentration	Treatment	4, 70	21.93	< 0.0001
Aβ42, TBS	One-way ANOVA	Concentration	Treatment	4, 70	49.38	< 0.0001
Aβ42, TBS-X	One-way ANOVA	Concentration	Treatment	4, 70	4.517	0.0026
Aβ42, Guanidine	One-way ANOVA	Concentration	Treatment	4, 70	13.59	< 0.0001
	Synaptophysin, Ubi	quitin, LAMP1 In	nmunostain (Figures 3, 4)		
	Test	Measure	Effect	df	F value	p value
	Two-way ANOVA		Distance	2, 92	256.3	0.0008
Synaptophysin	with Repeated	% surface area	Treatment	4, 46	7.541	< 0.0001
	Measures		Interaction	8, 92	3.76	< 0.0001
Ubiquitin	One-way ANOVA	% surface area	Treatment	4, 46	15.93	< 0.0001
LAMP1	One-way ANOVA	% surface area	Treatment	4, 46	4.38	0.0044
	TFEB. m	TOR Immunoblo	ts (Figures 4.5	5)		
	Test	Measure	Effect	df	F value	p value
(DEED		Signal intensity,				-
TFEB	One-way ANOVA	relative to GAPDH	Treatment	4, 35	5.43	0.0016

	1						1	•	_
pS6	One-way ANOV	/A	Signal in relative to	GAPDH	Treati	nent	4, 35	7.03	0.0003
pAKT	One-way ANOV	VA Signal intensity, relative to GAPDH		Treati	nent	4, 35	9.26	< 0.0001	
p-cofilin	One-way ANOV	/A	Signal in relative to		Treati	nent	4, 35	7.83	< 0.0001
			O E: 1	11 (E'	0.4)				
			Open Fiel				10		1
D'	Test		Meas		Effe		df	F value	p value
Distance Traveled	One-way ANOV		Distance t		Treati		4, 126	0.26	0.9048
% Path in Center	One-way ANOV	/A	% pa	ıth	Treati	nent	4, 126	2.67	0.0357
		St	raight Sv	v im (Fig	ure S4)				
	Test		Meas	ure	Effe	ect	df	F value	p value
Mean speed	One-way ANOV	/A	Swim s	peed	Treati	nent	4, 126	2.87	0.0258
		NAXX	TNA (E:	1 T		4)			
		IVI VV	M (Figure				10		1
	Test	7.4	Meas	ure	Effe		df	F or H value	p value
Training	Two-way ANO\ with Repeated		Path lengtl	n, days 1	Da Treati		1,126 4, 126	44.56 4.45	< 0.0001 0.0021
ranning	Measures	•	and	2	Intera		4, 126	2.83	0.0021
	Two-way ANOV	VA	STM P	robe	Da		1,126	19.09	< 0.0001
Training	with Repeated		proximity	, days 1	Treati	nent	4, 126	6.62	< 0.0001
	Measures		and		Intera	ction	4, 126	3.82	0.0058
Days to Criteria	Kruskal-Wallis	S	Number of	of Days	Treati	nent	-	43.66	< 0.0001
LTM Probe	One-way ANOV	/A	% Path in	n target	Treati	nent	4, 96	1.01	0.4078
LTM Probe	One-way ANOV	/A	Proxir	nity	Treati	nent	4, 96	1.26	0.2894
		17:0	rible Dlett	Power (Ei		`			
	Test	VIS	sible Platf Meas	,	gure 54 Effe		df	F value	n voluo
			Average						p value
Distance traveled	One-way ANOV	/A	leng	_	Treati	nent	4, 126	2.39	0.0545
			RAWN	I (Figure	: 6)				
	Test		Meas	` _	Effe	ect	df	F value	p value
Total re-entry errors	One-way ANOV	/A	Erro	rs	Treati	nent	4, 125	9.44	< 0.0001
100010 011015	Two-way ANOV				Tri	al	6, 750	4.073	0.0005
Re-entry errors by trial	with Repeated		Errors		Treati		4, 125	9.42	< 0.0001
	Measures				Intera	ction	24, 750	0.83	0.6901
			CEC	Figure 6	5)				
	Test		Meas)) Effe	act	df	F value	p value
% Time immobile	One-way ANOV	7 A	% Time in		Treati		4, 126	3.27	0.0138
	Two-way ANOV		% Time iii	iiiioone	Min		4, 120	16.81	< 0.0001
% Time immobile by	with Repeated		% Time in	nmohile	Treati		4, 126	2.80	0.0288
minute	Measures	•	70 111110 11	annoone	Intera		16, 504	1.92	0.0166
	T		Aggrega				T		
	Test		Meas		Effe	ect	df	F value	p value
Cognitive function	MANOVA		Behav: Perforn		Treati	nent	3, 49	3.78	0.02
	Behavioral			•		ions (l			
	Test	M	Ieasure	Eff	ect		df	F value	p value
MWM Total Ave Distance	ANOVA	Total	l Aβ, TBS	line	ear		1, 73	23.85	< 0.0001
MWM Total Ave Distance	ANOVA	Total	l Aβ, TBS	poly, deg	gree = 2	-	2, 72	21.95	<<0.0001
MWM Total Ave Distance	ANOVA	Total	l Aβ, TBS	poly, deg	gree = 2	2	2, 72	21.95	<<

MWM, D2 Probe Proximity	ANOVA	Total Aβ, TBS	poly, degree =	2	2, 72	16.16	<<0.0001		
RAWM Ave Errors	ANOVA	Total Aβ, TBS	poly, degree =	2	2, 72	31.39	<<0.0001		
	ISF Aβ (Figure 7)								
	Test	Meas	sure	Effect	df	t value	p value		
Αβ40	Students t-tes	t Aβ conce	entration Tr	eatment	11	2.78	0.0179		
Αβ42	Students t-tes	t Aβ conce	entration Tr	eatment	7	4.97	0.0016		

Pearson Correlations

			Aβ concentration			
	Αβ40, ΤΒ	S Aβ40, TBS-X		Aβ42, TBS	Aβ42, TBS-X	Aβ42, Guanidine
Aβ40, TBS	1.000	0.570	0.511	0.935	0.512	0.432
Aβ40, TBS-X	0.570	1.000	0.222	0.590	0.802	0.196
Aβ40, Guanidine	0.511	0.222	1.000	0.517	0.166	0.246
Aβ42, TBS	0.935	0.590	0.517	1.000	0.546	0.381
Aβ42, TBS-X	0.512	0.802	0.166	0.546	1.000	0.233
Aβ42, Guanidine	0.432	0.196	0.246	0.381	0.233	1.000
		Rel	navioral performanc	••		
		MWM Total Ave Distance	MWM D2 Probe Proximity	RAWM A	ve Errors	FC Ave % Time Immobile
MWM Total Ave Dist	tance	1.000	0.679	0.5	51	-0.069
MWM D2 Probe Prox	imity	0.679	1.000	0.3	78	-0.171
RAWM Ave Error	rs	0.551	0.378	1.0	000	-0.109
FC Ave % Time Imm	obile	-0.069	-0.171	-0.1	109	1.000
		Aβ concentra	ntion x Behavioral pe	erformance		
		M Total Ave Distance	MWM D2 Probe Proximity	RAWM A	ve Errors	FC Ave % Time Immobile
Aβ40, TBS		0.513	0.404	0.62	26	-0.103
Aβ40, TBS-X		0.022	0.263	0.34	40	-0.072
Aβ40, Guanidine		0.356	0.303	0.52	28	-0.167
Aβ42, TBS		0.475	0.409	0.63	36	-0.067
Aβ42, TBS-X		0.060	0.244	0.29	95	0.034
Aβ42, Guanidine		0.239	0.328	0.20	08	-0.090

Additional Posthoc Analyses *, P < 0.05; **, P < 0.01; ***, P < 0.001; ****, P < 0.0001					
·	Amyloid Histology (F	Figure 2 and Figure S2)			
CS Silver Cortex (Tukey post l	noc)				
Comparison	Significant?	Summary	p value		
Pretreatment vs No Treatment	Yes	****	< 0.0001		
Pretreatment vs Ab9 Only	Yes	****	< 0.0001		
Pretreatment vs Dox Only	No	ns	0.9924		
Pretreatment vs Dox + Ab9	Yes	****	< 0.0001		
Dox Only vs Dox + Ab9	Yes	****	< 0.0001		
No Treatment vs Ab9 Only	Yes	**	0.0039		
No Treatment vs Dox Only	Yes	****	< 0.0001		
No Treatment vs Dox + Ab9	Yes	****	< 0.0001		
Ab9 Only vs Dox Only	Yes	****	< 0.0001		
Ab9 Only vs Dox + Ab9	Yes	****	< 0.0001		

Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	Yes	****	< 0.0001
Pretreatment vs Ab9 Only	Yes	****	< 0.0001
Pretreatment vs Dox Only	No	ns	0.9739
Pretreatment vs Dox + Ab9	Yes	***	0.0006
Dox Only vs Dox + Ab9	Yes	**	0.0030
No Treatment vs Ab9 Only	No	ns	0.0734
No Treatment vs Dox Only	Yes	****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	Yes	****	< 0.0001
Ab9 Only vs Dox + Ab9	Yes	****	< 0.0001
NAB61 Cortex (Tukey pos			1
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	Yes	**	0.0018
Pretreatment vs Ab9 Only	No	ns	0.2721
Pretreatment vs Dox Only	No	ns	0.2092
Pretreatment vs Dox + Ab9	No	ns	0.0859
Dox Only vs Dox + Ab9	No	ns	0.9873
No Treatment vs Ab9 Only	No	ns ****	0.3527
No Treatment vs Dox Only	Yes		< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Abo Only vs Dox Only	Yes	***	0.0012
Ab9 Only vs Dox + Ab9	Yes	ጥጥጥ	0.0004
NAB61 Hippocampus (Tu	kay nost hos)		
Comparison	Significant?	Cummony	n volue
Pretreatment vs No Treatment	Yes	Summary ***	p value 0.0004
Pretreatment vs Ab9 Only	No		0.4994
Pretreatment vs Dox Only	No	ns ns	0.4994
Pretreatment vs Dox + Ab9	No	ns	0.3908
Dox Only vs Dox + Ab9	No	ns	0.9090
No Treatment vs Ab9 Only	No	ns	0.0566
No Treatment vs Dox Only	Yes	****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	No	ns	0.0892
Ab9 Only vs Dox + Ab9	Yes	*	0.0133
		·	·
Thioflavin-S Cortex (Tuke	y post hoc)		
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	Yes	****	< 0.0001
Pretreatment vs Ab9 Only	Yes	**	0.0051
Pretreatment vs Dox Only	No	ns	0.9994
Pretreatment vs Dox + Ab9	No	ns	0.9453
Dox Only vs Dox + Ab9	No	ns	0.8594
No Treatment vs Ab9 Only	No	ns	0.0868
No Treatment vs Dox Only	Yes	****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	Yes	**	0.0076
Ab9 Only vs Dox + Ab9	Yes	***	0.0006
(E) • (C) •	(T) 1		
Thioflavin-S Hippocampu			
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	Yes	****	< 0.0001
Pretreatment vs Ab9 Only	Yes	***	0.0009
Pretreatment vs Dox Only	No	ns	0.8641
Pretreatment vs Dox + Ab9	No	ns	0.8431
Dox Only vs Dox + Ab9	No No	ns	> 0.9999
No Treatment vs Ab9 Only	No V	ns ****	0.7626
No Treatment vs Dox Only	Yes	****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	Yes	****	< 0.0001
Ab9 Only vs Dox + Ab9	Yes	se de de de	< 0.0001
	A O THE TO	A (E: 92)	
	Aß ELIS.	A (Figure S3)	

TBS Aβ40 ELISA (Tukey	post hoc)		
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	Yes	****	< 0.0001
Pretreatment vs Ab9 Only	Yes	****	< 0.0001
Pretreatment vs Dox Only	Yes	***	0.0007
Pretreatment vs Dox + Ab9	Yes	****	< 0.0001
Dox Only vs Dox + Ab9	No	ns	0.9136
No Treatment vs Ab9 Only	No	ns	0.9951
No Treatment vs Dox Only	Yes	****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	Yes	****	< 0.0001
Ab9 Only vs Dox + Ab9	Yes	****	< 0.0001
TBS Aβ42 ELISA (Tukey			T
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	Yes	***	0.0002
Pretreatment vs Ab9 Only	Yes	***	0.0008
Pretreatment vs Dox Only	Yes	****	< 0.0001
Pretreatment vs Dox + Ab9	Yes	****	< 0.0001
Dox Only vs Dox + Ab9	No	ns	0.9281
No Treatment vs Ab9 Only	No	ns	0.9926
No Treatment vs Dox Only	Yes	****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	Yes	****	< 0.0001
Ab9 Only vs Dox + Ab9	Yes	****	< 0.0001
TDC Total AO ELICA (Tul			
TBS Total Aβ ELISA (Tul			1
Comparison	Significant?	Summary ****	p value
Pretreatment vs No Treatment	Yes	****	< 0.0001
Pretreatment vs Ab9 Only	Yes	****	< 0.0001
Pretreatment vs Dox Only	Yes Yes	****	< 0.0001
Pretreatment vs Dox + Ab9			< 0.0001 0.9071
Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only	No No	ns	> 0.9971
No Treatment vs Dox Only	Yes	ns ****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	Yes	****	< 0.0001
Ab9 Only vs Dox + Ab9	Yes	****	< 0.0001
Ties only vs Box + Ties	105		0.0001
TBS-X Aβ40 ELISA (Tuke	ev post hoc)		
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.3633
Pretreatment vs Ab9 Only	No	ns	0.1306
Pretreatment vs Dox Only	No	ns	0.9656
Pretreatment vs Dox + Ab9	No	ns	0.9821
Dox Only vs Dox + Ab9	No	ns	> 0.9999
No Treatment vs Ab9 Only	No	ns	0.9809
No Treatment vs Dox Only	No	ns	0.1057
No Treatment vs Dox + Ab9	No	ns	0.1332
Ab9 Only vs Dox Only	Yes	*	0.0266
Ab9 Only vs Dox + Ab9	Yes	*	0.0353
EDDG VI A Q 40 TO VICE TO 1	. 1		
TBS-X Aβ42 ELISA (Tuke			-
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9962
Pretreatment vs Ab9 Only	No	ns	0.2458
Pretreatment vs Dox Only	No	ns	0.8401
Pretreatment vs Dox + Ab9	No	ns	0.3261
Dox Only vs Dox + Ab9	No	ns	0.9067
No Treatment vs Ab9 Only	No	ns	0.4377
No Treatment vs Dox Only	No	ns	0.6337
			0.1600
No Treatment vs Dox + Ab9	No	ns *	0.1689
		ns * **	0.1689 0.0227 0.0016

TBS-X Total Aβ ELISA (7			
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9569
Pretreatment vs Ab9 Only	No	ns	0.1857
Pretreatment vs Dox Only	No	ns	0.8595
Pretreatment vs Dox + Ab9	No	ns	0.4519
Dox Only vs Dox + Ab9	No	ns	0.9574
No Treatment vs Ab9 Only	No	ns	0.5521
No Treatment vs Dox Only	No	ns	0.4505
No Treatment vs Dox + Ab9	No	ns	0.1340
Ab9 Only vs Dox Only	Yes	*	0.0168
Ab9 Only vs Dox + Ab9	Yes	**	0.0020
Guanidine Aβ40 ELISA (7	Tukev post hoc)		
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	Yes	****	< 0.0001
Pretreatment vs Ab9 Only	No	ns	0.4579
Pretreatment vs Dox Only	No	ns	0.6246
Pretreatment vs Dox + Ab9	No	ns	0.4894
Dox Only vs Dox + Ab9	No	ns	0.9995
No Treatment vs Ab9 Only	Yes	****	< 0.0001
No Treatment vs Dox Only	Yes	****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	Yes	*	0.0239
Ab9 Only vs Dox + Ab9	Yes	*	0.0131
Guanidine Aβ42 ELISA (7			
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.0812
Pretreatment vs Ab9 Only	Yes	****	< 0.0001
Pretreatment vs Dox Only	No	ns	0.0830
Pretreatment vs Dox + Ab9	No	ns	0.9342
Dox Only vs Dox + Ab9	Yes	*	0.0103
No Treatment vs Ab9 Only	Yes	*	0.0153
No Treatment vs Dox Only	No	ns	> 0.9999
No Treatment vs Dox + Ab9	Yes	**	0.0100
Ab9 Only vs Dox Only	Yes	*	0.0149
Ab9 Only vs Dox + Ab9	Yes	****	< 0.0001
Guanidine Total Aß ELIS	A (Tukey post hoc)		
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	Yes	****	< 0.0001
Pretreatment vs Ab9 Only	No	ns	0.0634
Pretreatment vs Dox Only	No	ns	0.9062
Pretreatment vs Dox + Ab9	No	ns	0.4351
Dox Only vs Dox + Ab9	No	ns	0.9181
No Treatment vs Ab9 Only	Yes	**	0.0014
No Treatment vs Dox Only	Yes	****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	Yes	**	0.0056
Ab9 Only vs Dox + Ab9	Yes	***	0.0003
10 um (Tulsay nost has)	Synaptophysin I	Histology (Figure 3)	
10 μm (Tukey post hoc)	C::£:0	G	1
Comparison Protrectment vs No Treatment	Significant?	Summary	p value
Pretreatment vs Ab Only	No Vos	ns *	0.8117
Pretreatment vs Ab9 Only	Yes		0.0105
Pretreatment vs Dox Only	No V	ns **	0.1637
Pretreatment vs Dox + Ab9	Yes		0.0012
Dox Only vs Dox + Ab9	No	ns	0.3987
No Treatment vs Ab9 Only	No No	ns	0.1453
No Treatment vs Dox Only	No V	ns *	0.7504
No Treatment vs Dox + Ab9	Yes	*	0.0313

Ab9 Only vs Dox Only	No	ns	0.7637
Ab9 Only vs Dox + Ab9	No	ns	0.9847
· ·		· · · · · · ·	
20 μm (Tukey post hoc)			
Comparison	Significant?	Summary	n volue
•	<u> </u>		p value 0.9959
Pretreatment vs No Treatment	No	ns	
Pretreatment vs Ab9 Only	No	ns	0.0979
Pretreatment vs Dox Only	Yes	***	0.0001
Pretreatment vs Dox + Ab9	Yes	****	< 0.0001
Dox Only vs Dox + Ab9	No	ns	0.8676
No Treatment vs Ab9 Only	No	ns	0.1904
No Treatment vs Dox Only	Yes	***	0.0004
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	No	ns	0.3713
Ab9 Only vs Dox + Ab9	No		0.0597
Aby Only Vs Dox + Aby	110	ns	0.0391
20 (7.1			
30 μm (Tukey post hoc)			
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.8085
Pretreatment vs Ab9 Only	No	ns	0.4338
Pretreatment vs Dox Only	No	ns	0.0817
Pretreatment vs Dox + Ab9	Yes	*	0.0153
Dox Only vs Dox + Ab9	No		0.9592
		ns	
No Treatment vs Ab9 Only	No	ns	0.9608
No Treatment vs Dox Only	No	ns	0.5573
No Treatment vs Dox + Ab9	No	ns	0.2012
Ab9 Only vs Dox Only	No	ns	0.9429
Ab9 Only vs Dox + Ab9	No	ns	0.6348
	Ubiquitin, LAMP1 Ir	nmunostains (Figure 4)	
TIL:	Colquium, Ermin 1 m	initialiostatins (1 igure 1)	
Ubiquitin (Tukey post hoc)			
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.8433
Pretreatment vs Ab9 Only	No	ns	0.9891
Pretreatment vs Dox Only	Yes	**	0.0016
Pretreatment vs Dox + Ab9	Yes	****	< 0.0001
Dox Only vs Dox + Ab9	No	ns	0.8274
No Treatment vs Ab9 Only	No	ns	0.9862
No Treatment vs Dox Only	Yes	****	< 0.0001
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only		***	0.0005
	Yes	****	
Ab9 Only vs Dox + Ab9	Yes	***	< 0.0001
LAMP1 (Tukey post hoc)			
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9997
Pretreatment vs Ab9 Only	No	ns	> 0.9999
Pretreatment vs Dox Only	No	ns	0.1169
Pretreatment vs Dox + Ab9	No		0.0538
		ns	
Dox Only vs Dox + Ab9	No No	ns	0.9938
No Treatment vs Ab9 Only	No	ns	0.9989
No Treatment vs Dox Only	No	ns	0.0657
No Treatment vs Dox + Ab9			
Ab9 Only vs Dox Only	Yes	*	0.0282
		ns	0.1571
Ab9 Only vs Dox + Ab9	Yes		
Ab9 Only vs Dox + Ab9	Yes No	ns	0.1571
Ab9 Only vs Dox + Ab9	Yes No No	ns ns	0.1571
	Yes No No	ns	0.1571
TFEB (Tukey post hoc)	Yes No No TFEB, mTOR Immur	ns ns noblots (Figures 4 and 5)	0.1571 0.0761
TFEB (Tukey post hoc) Comparison	Yes No No	ns ns	0.1571 0.0761 p value
TFEB (Tukey post hoc)	Yes No No TFEB, mTOR Immur	ns ns noblots (Figures 4 and 5)	0.1571 0.0761
TFEB (Tukey post hoc) Comparison Pretreatment vs No Treatment	Yes No No TFEB, mTOR Immur Significant?	ns ns noblots (Figures 4 and 5)	0.1571 0.0761 p value
TFEB (Tukey post hoc) Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only	Yes No No TFEB, mTOR Immur Significant? No No	ns ns ns noblots (Figures 4 and 5) Summary ns ns	0.1571 0.0761 p value 0.9557 0.7303
TFEB (Tukey post hoc) Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only	Yes No No TFEB, mTOR Immur Significant? No No No	ns ns ns noblots (Figures 4 and 5) Summary ns	0.1571 0.0761 p value 0.9557 0.7303 0.8475
TFEB (Tukey post hoc) Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only	Yes No No TFEB, mTOR Immur Significant? No No	ns ns ns noblots (Figures 4 and 5) Summary ns ns ns	0.1571 0.0761 p value 0.9557 0.7303

No Treatment vs Ab9 Only	No	ns	0.9826
No Treatment vs Dox Only	No	ns	0.4407
No Treatment vs Dox + Ab9	Yes	**	0.0074
Ab9 Only vs Dox Only	No	ns	0.1857
Ab9 Only vs Dox + Ab9	Yes	**	0.0017
,			
p-s6 (Tukey post hoc)			
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9986
Pretreatment vs Ab9 Only	No	ns	0.9285
Pretreatment vs Dox Only	No	ns	0.1085
Pretreatment vs Dox + Ab9	Yes	**	0.0070
Dox Only vs Dox + Ab9	No	ns	0.7871
No Treatment vs Ab9 Only	No	ns	0.8151
No Treatment vs Dox Only	No	ns	0.1880
No Treatment vs Dox + Ab9	Yes	*	0.0145
Ab9 Only vs Dox Only	Yes	*	0.0167
Ab9 Only vs Dox + Ab9	Yes	***	0.0007
n AKT (Tukov nost hos)			
p-AKT (Tukey post hoc) Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	> 0.9999
Pretreatment vs Ab9 Only	No	ns	0.9066
Pretreatment vs Dox Only	No	ns	0.2471
Pretreatment vs Dox + Ab9	Yes	***	0.0008
Dox Only vs Dox + Ab9	No	ns	0.1625
No Treatment vs Ab9 Only	No	ns	0.9435
No Treatment vs Dox Only	No	ns	0.1998
No Treatment vs Dox + Ab9	Yes	***	0.0006
Ab9 Only vs Dox Only	Yes	*	0.0412
Ab9 Only vs Dox + Ab9	Yes	****	< 0.0001
p-cofilin (Tukey post hoc)			
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9997
Pretreatment vs Ab9 Only	No	ns	> 0.9999
Pretreatment vs Dox Only	Yes	*	0.0295
Pretreatment vs Dox + Ab9	Yes	**	0.0023
Dox Only vs Dox + Ab9	No	ns	0.8729
No Treatment vs Ab9 Only	No	ns	0.9978
No Treatment vs Dox Only	Yes	*	0.0463
No Treatment vs Dox + Ab9	Yes	**	0.0040
Ab9 Only vs Dox Only	Yes	*	0.0217
Ab9 Only vs Dox + Ab9	Yes	**	0.0017
	D.1 .	(F: 6)	
MINIM Daniel Association (De		r (Figure 6)	
MWM Days to criteria (Du Comparison	Significant?	Cummam	e value
Pretreatment vs No Treatment	Significant? No	Summary	p value 0.2018
Pretreatment vs No Treatment Pretreatment vs Ab9 Only	No No	ns ns	> 0.2018
Pretreatment vs Dox Only	No	ns	0.8903
Pretreatment vs Dox + Ab9	Yes	**	0.0031
Dox Only vs Dox + Ab9	No	ns	0.4815
No Treatment vs Ab9 Only	No	ns	0.8852
No Treatment vs Dox Only	Yes	***	0.0003
	Yes	****	< 0.0001
No Treatment vs Dox + Ab9			0.1641
Ab9 Only vs Dox Only	No	ns	0.1641
		ns ***	0.1641 0.0001
Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9	No Yes		
Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 MWM STM Probe (Tukey	No Yes post hoc)	***	0.0001
Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 MWM STM Probe (Tukey Day 1 Comparison	No Yes post hoc) Significant?	*** Summary	0.0001 p value
Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 MWM STM Probe (Tukey Day 1 Comparison Pretreatment vs No Treatment	No Yes post hoc) Significant? No	*** Summary ns	0.0001 p value > 0.9999
Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 MWM STM Probe (Tukey Day 1 Comparison	No Yes post hoc) Significant?	*** Summary	0.0001 p value

B 110	3.7	T	0.7610
Pretreatment vs Dox + Ab9	No	ns	0.5610
Dox Only vs Dox + Ab9	No	ns	> 0.9999
No Treatment vs Ab9 Only	No	ns	0.9817
No Treatment vs Dox Only	No	ns	0.5596
No Treatment vs Dox + Ab9	No	ns	0.4890
Ab9 Only vs Dox Only	No	ns	0.2572
Ab9 Only vs Dox + Ab9	No	ns	0.2116
Day 2 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.0928
Pretreatment vs Ab9 Only	No	ns	0.4380
Pretreatment vs Dox Only	No	ns	0.6816
Pretreatment vs Dox + Ab9	Yes	*	0.0440
Dox Only vs Dox + Ab9	No	ns	0.5401
No Treatment vs Ab9 Only	No	ns	0.9318
No Treatment vs Dox Only	Yes	***	0.0009
No Treatment vs Dox + Ab9	Yes	****	< 0.0001
Ab9 Only vs Dox Only	Yes	*	0.0187
Ab9 Only vs Dox + Ab9	Yes	****	< 0.0001
DANIM T-A-1 E (T-1			
RAWM Total Error (Tukey			1
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.1323
Pretreatment vs Ab9 Only	No	ns	0.9815
Pretreatment vs Dox Only	No V	ns *	0.2754
Pretreatment vs Dox + Ab9	Yes		0.0380
Dox Only vs Dox + Ab9	No	ns	0.8836
No Treatment vs Ab9 Only	No	ns ***	0.3434
No Treatment vs Dox Only	Yes	****	0.0001
No Treatment vs Dox + Ab9	Yes		< 0.0001
41001 B 01			
Ab9 Only vs Dox Only	No	ns	0.0704
Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9	Yes	ns **	0.0704
Ab9 Only vs Dox + Ab9	Yes		
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul	Yes key post hoc)	**	0.0051
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul Trial 1 Comparison	Yes key post hoc) Significant?	** Summary	0.0051 p value
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul	Yes key post hoc) Significant? No	** Summary ns	0.0051 p value 0.9852
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only	Yes key post hoc) Significant?	Summary ns ns	0.0051 p value 0.9852 0.8319
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only	Yes key post hoc) Significant? No No No	Summary ns ns	p value 0.9852 0.8319 0.9989
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9	Yes key post hoc) Significant? No No	Summary ns ns ns	0.0051 p value 0.9852 0.8319 0.9989 0.6624
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only	Yes key post hoc) Significant? No No No No No No	Summary ns ns ns ns ns	0.0051 p value 0.9852 0.8319 0.9989 0.6624 0.7911
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only	Yes key post hoc) Significant? No No No No No	Summary ns ns ns ns ns ns	0.0051 p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only	Yes key post hoc) Significant? No	** Summary ns ns ns ns ns ns ns ns ns n	0.0051 p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox + Ab9	Yes key post hoc) Significant? No	summary ns	0.0051 p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only	Yes key post hoc) Significant? No	** Summary ns ns ns ns ns ns ns ns ns n	0.0051 p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox + Ab9 Ab9 Only vs Dox + Ab9 Ab9 Only vs Dox Only Ab9 Only vs Dox Only	Yes key post hoc) Significant? No	summary ns	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981
Ab9 Only vs Dox + Ab9 RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9	Yes key post hoc) Significant? No No No No No No No No No N	summary ns ss ns n	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Trial 2 Comparison Pretreatment vs No Treatment	Yes key post hoc) Significant? No No No No No No No No No N	summary ns ss ns ss s	0.0051 p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs Ab9 Only	Yes key post hoc) Significant? No	summary ns ss ns ss s	0.0051 p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Trial 2 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Ab9 Only Pretreatment vs No Treatment	Yes key post hoc) Significant? No No No No No No No No No N	Summary ns ns ns ns ns ns ns ns ns n	0.0051 p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Trial 2 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Ab9 Only Pretreatment vs Dox Only	Yes key post hoc) Significant? No	summary ns	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Trial 2 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Ab9 Only Pretreatment vs No Treatment Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9	Yes key post hoc) Significant? No	summary ns	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Trial 2 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Ab9 Only Pretreatment vs Dox Ab9 No Treatment vs Ab9 Only	Yes key post hoc) Significant? No	** Summary ns ns ns ns ns ns ns ns ns n	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only No Treatment vs Ab9 Only No Treatment vs Ab9 Only No Treatment vs Ab9 Only	Yes key post hoc) Significant? No	** Summary ns ns ns ns ns ns ns ns ns n	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only No Treatment vs Ab9 Only No Treatment vs Dox Only	Yes key post hoc) Significant? No	** Summary ns ns ns ns ns ns ns ns ns n	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236 0.0099
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only No Treatment vs Ab9 Only No Treatment vs Dox Only	Yes key post hoc) Significant? No No No No No No No No No N	** Summary ns ns ns ns ns ns ns ns ns n	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236 0.0099 0.6726
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only No Treatment vs Ab9 Only No Treatment vs Dox Only	Yes key post hoc) Significant? No	** Summary ns ns ns ns ns ns ns ns ns n	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236 0.0099
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Dox Only Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only	Yes key post hoc) Significant? No No No No No No No No No N	** Summary ns ns ns ns ns ns ns ns ns n	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236 0.0099 0.6726 0.4880
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only No Treatment vs Ab9 No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Trial 3 Comparison	Yes key post hoc) Significant? No	** Summary ns ns ns ns ns ns ns ns ns n	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236 0.0099 0.6726 0.4880 p value
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Trial 3 Comparison Pretreatment vs No Treatment Prival 3 Comparison Pretreatment vs No Treatment	Yes key post hoc) Significant? No No No No No No No No No N	** Summary ns ns ns ns ns ns ns ns ns n	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236 0.0099 0.6726 0.4880 p value 0.6335
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only No Treatment vs Ab9 No Treatment vs Ab9 No Treatment vs Dox Only No Treatment vs Dox Only Trial 3 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only	Yes key post hoc) Significant? No	** Summary	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236 0.0099 0.6726 0.4880 p value 0.6335 0.9835
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Trial 3 Comparison Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs No Treatment	Yes key post hoc) Significant? No	** Summary	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236 0.0099 0.6726 0.4880 p value 0.6335 0.9835 0.9835 0.6367
RAWM Error by Trial (Tul Trial 1 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only No Treatment vs Ab9 No Treatment vs Ab9 No Treatment vs Dox Only No Treatment vs Dox Only Trial 3 Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only	Yes key post hoc) Significant? No	** Summary	p value 0.9852 0.8319 0.9989 0.6624 0.7911 0.9800 0.9989 0.9056 0.9243 0.9981 p value 0.8622 0.9786 0.3352 0.2039 0.9982 0.4833 0.0236 0.0099 0.6726 0.4880 p value 0.6335 0.9835

No Treatment vs Dox Only	Yes	*	0.0303
No Treatment vs Dox + Ab9	Yes	**	0.0053
Ab9 Only vs Dox Only	No	ns	0.2712
Ab9 Only vs Dox + Ab9	No	ns	0.0845
T:14C :	g. :c. 49	G.	,
Trial 4 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9725
Pretreatment vs Ab9 Only	No No	ns	0.9779 0.9507
Pretreatment vs Dox Only	No	ns	
Pretreatment vs Dox + Ab9	No N-	ns	0.1850
Dox Only vs Dox + Ab9	No No	ns	0.5427 0.7232
No Treatment vs Ab9 Only	No No	ns	0.6238
No Treatment vs Dox Only No Treatment vs Dox + Ab9	Yes	ns *	0.0280
Ab9 Only vs Dox Only	No		> 0.9999
Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9	No	ns	0.4603
Aby Only vs Dox + Aby	NO	ns	0.4003
Trial 5 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.4680
Pretreatment vs Ab9 Only	No	ns	0.7072
Pretreatment vs Dox Only	No	ns	0.2638
Pretreatment vs Dox + Ab9	No	ns	0.2549
Dox Only vs Dox + Ab9	No	ns	> 0.9999
No Treatment vs Ab9 Only	No	ns	0.9963
No Treatment vs Dox Only	Yes	**	0.0013
No Treatment vs Dox + Ab9	Yes	**	0.0013
Ab9 Only vs Dox Only	Yes	**	0.0063
Ab9 Only vs Dox + Ab9	Yes	**	0.0062
Trial 6 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.6313
Pretreatment vs Ab9 Only	No	ns	0.9942
Pretreatment vs Dox Only	No	ns	0.6855
Pretreatment vs Dox + Ab9	No	ns	0.1421
Dox Only vs Dox + Ab9	No	ns	0.8290
No Treatment vs Ab9 Only	No	ns	0.3343
No Treatment vs Dox Only	Yes	*	0.0379
No Treatment vs Dox + Ab9	Yes	**	0.0011
Ab9 Only vs Dox Only	No	ns	0.8865
Ab9 Only vs Dox + Ab9	No	ns	0.2844
Trial 7 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.0780
Pretreatment vs Ab9 Only	No	ns	0.2273
Pretreatment vs Dox Only	No	ns	> 0.9999
Pretreatment vs Dox + Ab9	No	ns	0.9835
Dox Only vs Dox + Ab9	No	ns	0.9868
No Treatment vs Ab9 Only	No	ns	0.9910
No Treatment vs Dox Only	No	ns	0.0505
No Treatment vs Dox + Ab9	Yes	*	0.0118
Ab9 Only vs Dox Only	No	ns	0.1710
Ab9 Only vs Dox + Ab9	No	ns	0.0537
<u>, </u>			
Trial 8 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.1876
Pretreatment vs Ab9 Only	No	ns	> 0.9999
Pretreatment vs Dox Only	No	ns	0.3959
Pretreatment vs Dox + Ab9	No	ns	0.2846
Dox Only vs Dox + Ab9	No	ns	0.9994
No Treatment vs Ab9 Only	No	ns	0.2040
No Treatment vs Dox Only	Yes	***	0.0004
No Treatment vs Dox + Ab9	Yes	***	0.0002
	No	ns	0.3001
Ab9 Only vs Dox Only			
Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9	No	ns	0.2045

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Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9996
Pretreatment vs Ab9 Only	No	ns	0.2795
Pretreatment vs Dox Only	No	ns	0.9876
· · · · · · · · · · · · · · · · · · ·	Yes	*	0.0385
Pretreatment vs Dox + Ab9			
Dox Only vs Dox + Ab9	No	ns	0.1101
No Treatment vs Ab9 Only	No	ns	0.3461
No Treatment vs Dox Only	No	ns	0.9980
No Treatment vs Dox + Ab9	Yes	*	0.0494
Ab9 Only vs Dox Only	No	ne	0.5398
		ns	
Ab9 Only vs Dox + Ab9	No	ns	0.8968
FC % Freezing by minute	(Tukey post hoc)		
Minute 1 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No		0.8403
		ns	I .
Pretreatment vs Ab9 Only	No	ns	0.4717
Pretreatment vs Dox Only	No	ns	0.9526
Pretreatment vs Dox + Ab9	No	ns	0.7292
Dox Only vs Dox + Ab9	No	ns	0.2637
No Treatment vs Ab9 Only	No	ns	0.9664
No Treatment vs Dox Only	No	ns	0.3684
No Treatment vs Dox + Ab9	No	ns	0.9994
Ab9 Only vs Dox Only	No	ns	0.1106
Ab9 Only vs Dox + Ab9	No	ns	0.9940
•	•		
Minute 2 Comparison	Significant?	Summary	p value
*	No No		0.8746
Pretreatment vs No Treatment		ns	
Pretreatment vs Ab9 Only	No	ns	0.3217
Pretreatment vs Dox Only	No	ns	> 0.9999
Pretreatment vs Dox + Ab9	No	ns	0.1006
Dox Only vs Dox + Ab9	No	ns	0.0888
No Treatment vs Ab9 Only	No	ns	0.8590
No Treatment vs Dox Only	No	ns	0.8718
	· -		
No Treatment vs Dox + Ab9	No	ns	0.5087
Ab9 Only vs Dox Only	No	ns	0.3035
Ab9 Only vs Dox + Ab9	No	ns	0.9779
Minute 3 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9912
	No		0.5740
Pretreatment vs Ab9 Only		ns	
Pretreatment vs Dox Only	No	ns	0.9998
Pretreatment vs Dox + Ab9	Yes	*	0.0418
Dox Only vs Dox + Ab9	No	ns	0.0528
No Treatment vs Ab9 Only	No	ns	0.8186
No Treatment vs Dox Only	No	ns	0.9983
No Treatment vs Dox + Ab9	No	ns	0.1046
			II.
Ab9 Only vs Dox Only	No	ns	0.6549
Ab9 Only vs Dox + Ab9	No	ns	0.6631
Minute 4 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9896
Pretreatment vs Ab9 Only	No	ns	0.6424
Pretreatment vs Dox Only	No	ns	0.9649
	No		0.1266
Pretreatment vs Dox + Ab9		ns	
Dox Only vs Dox + Ab9	No	ns	0.3963
No Treatment vs Ab9 Only	No	ns	0.3092
No Treatment vs Dox Only	No	ns	0.7654
No Treatment vs Dox + Ab9	Yes	*	0.0278
Ab9 Only vs Dox Only	No	ns	0.9454
Ab9 Only vs Dox + Ab9	No		0.8521
AU7 OHLY VS DUX + AU9	INU	ns	0.0321
16	T 6:	~	T -
Minute 5 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9373
Pretreatment vs Ab9 Only			
I letteatilient vs Aby Only	No	ns	0.3476
Pretreatment vs Dox Only			
-	No No Yes	ns ns *	0.3476 0.3203 0.0208

Doy Only va Doy + Ab0	No		0.7547
Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only	No No	ns ns	0.7927
No Treatment vs Dox Only	No	ns	0.7678
No Treatment vs Dox + Ab9	No	ns	0.1264
Ab9 Only vs Dox Only	No	ns	> 0.9999
Ab9 Only vs Dox + Ab9	No	ns	0.7419
•		•	
		tinued (Figure S4)	
Open Field Distance (Tuke	<u>· · · · · · · · · · · · · · · · · · · </u>		T
Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment Pretreatment vs Ab9 Only	No No	ns	> 0.9999 0.9998
Pretreatment vs Dox Only	No	ns ns	0.9998
Pretreatment vs Dox + Ab9	No	ns	> 0.9999
Dox Only vs Dox + Ab9	No	ns	0.9144
No Treatment vs Ab9 Only	No	ns	0.9985
No Treatment vs Dox Only	No	ns	0.9073
No Treatment vs Dox + Ab9	No	ns	> 0.9999
Ab9 Only vs Dox Only	No	ns	0.9792
Ab9 Only vs Dox + Ab9	No	ns	0.9987
Open Field % Path in Cen	iter (Tukey post hoc)		
Day 1 Comparison	Significant?	Summary	p value
Pretreatment vs No Treatment	No	ns	0.9830
Pretreatment vs Ab9 Only	No	ns	0.8844
Pretreatment vs Dox Only	No	ns	0.4098
Pretreatment vs Dox + Ab9	No	ns	0.8046
Dox Only vs Dox + Ab9	No	ns	0.9670
No Treatment vs Ab9 Only	No	ns	0.9937
No Treatment vs Dox Only	No	ns	0.1296
No Treatment vs Dox + Ab9 Ab9 Only vs Dox Only	No No	ns	0.4389 0.0535
Ab9 Only vs Dox + Ab9	No	ns ns	0.0333
7107 Only VS DOX 1 7107	110	115	0.2370
Straight Swim (Tukey post	hoc)		
Comparison	Significant?	Summary	p value
			F
Pretreatment vs No Treatment	No	ns	0.9983
Pretreatment vs Ab9 Only	No No	ns ns	0.9983 > 0.9999
Pretreatment vs Ab9 Only Pretreatment vs Dox Only	No No No	ns ns	0.9983 > 0.9999 0.3602
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9	No No No No	ns ns ns	0.9983 > 0.9999 0.3602 0.2128
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9	No No No No No	ns ns ns ns	0.9983 > 0.9999 0.3602 0.2128 0.9975
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only	No No No No No No No No	ns ns ns ns ns ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only	No	ns ns ns ns ns ns ns ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox + Ab9	No No No No No No No No	ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only	No	ns ns ns ns ns ns ns ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox + Ab9 Ab9 Only vs Dox Only Ab9 Only vs Dox Only	No	ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po	No	ns n	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po	No N	ns ss ns ss s	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox + Ab9 Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey por Comparison Pretreatment vs No Treatment	No N	ns ss ns ss ns n	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only	No N	ns n	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey por Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only	No Significant? No	ns n	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only	No N	ns n	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205 0.1809
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox Only	No N	ns n	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only Treatment vs Dox Only No Treatment vs Ab9 Only No Treatment vs Dox Only	No	ns n	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205 0.1809 > 0.9999
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey por Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Treatment vs Ab9 Only No Treatment vs Dox Only	No	ns ns ns ns ns ns ns ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205 0.1809 > 0.9999 > 0.9999 0.3839 0.3242
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey por Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only No Treatment vs Dox Only	No	ns ns ns ns ns ns ns ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205 0.1809 > 0.9999 > 0.9999 0.3839 0.3242 0.3311
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey por Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Treatment vs Ab9 Only No Treatment vs Dox Only	No	ns ns ns ns ns ns ns ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205 0.1809 > 0.9999 > 0.9999 0.3839 0.3242
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po Comparison Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox Only	No	ns ns ns ns ns ns ns ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205 0.1809 > 0.9999 > 0.9999 0.3839 0.3242 0.3311
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Ab9 Only No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Ab9 Only vs Dox + Ab9 Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9	No N	ns n	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205 0.1809 > 0.9999 > 0.9999 0.3839 0.3242 0.3311 0.2773
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po Comparison Pretreatment vs No Treatment Pretreatment vs No Treatment Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Ab9 Only vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9	No	ns ns ns ns ns ns ns ns	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205 0.1809 > 0.9999 > 0.9999 0.3839 0.3242 0.3311
Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox + Ab9 Dox Only vs Dox + Ab9 No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9 Visible Platform (Tukey po Comparison Pretreatment vs No Treatment Pretreatment vs Ab9 Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Dox Only Pretreatment vs Ab9 Only No Treatment vs Ab9 Only No Treatment vs Dox Only No Treatment vs Dox Only Ab9 Only vs Dox + Ab9 Ab9 Only vs Dox + Ab9 Ab9 Only vs Dox Only Ab9 Only vs Dox + Ab9	No N	ns n	0.9983 > 0.9999 0.3602 0.2128 0.9975 0.9997 0.1820 0.0925 0.2822 0.1566 p value 0.9947 0.9989 0.2205 0.1809 > 0.9999 > 0.9999 > 0.3839 0.3242 0.3311 0.2773

Pretreatment vs Dox + Ab9	No	ns	0.9259			
Dox Only vs Dox + Ab9	No	ns	0.7059			
No Treatment vs Ab9 Only	No	ns	0.6305			
No Treatment vs Dox Only	No	ns	0.9444			
No Treatment vs Dox + Ab9	No	ns	0.3702			
Ab9 Only vs Dox Only	No	ns	0.9208			
Ab9 Only vs Dox + Ab9	No	ns	0.9985			
Long Term Memory Proximity to Target (Tukey post hoc)						
Comparison	Significant?	Summary	p value			
Pretreatment vs No Treatment	No	ns	0.3223			
Pretreatment vs Ab9 Only	No	ns	0.9441			
Pretreatment vs Dox Only	No	ns	0.9357			
Pretreatment vs Dox + Ab9	No	ns	> 0.9999			
Dox Only vs Dox + Ab9	No	ns	0.9045			
No Treatment vs Ab9 Only	No	ns	0.7862			
No Treatment vs Dox Only	No	ns	0.6841			
No Treatment vs Dox + Ab9	No	ns	0.2521			
Ab9 Only vs Dox Only	No	ns	> 0.9999			
Ab9 Only vs Dox + Ab9	No	ns	0.9223			