

Lithium treatment in animal models of vanishing white matter

Diede Wilkamp¹, Ellen Oudejans¹, Leoni Hoogterp¹, Gino V. Hu-A-Ng¹, Kathryn A. Glatfelt², Tamara J. Stevenson³, Marleen Huijsmans¹, Truus E.M. Abbink^{1a}, Marjo S. van der Knaap^{1b}, Joshua L. Bonkowsky^{2b}

Figure 2		
Table Analyzed	WT - plac vs VWM - plac Distance moved	Basic test parameter: WT-VWM differences
Mann-Whitney test		
P value	<0.0001	
Exact or approximate P value?	Exact	
P value summary	****	
One- or two-tailed P value?	One-tailed	
Sum of ranks in column A,B	2870, 871	
Mann-Whitney U		130
Median WT	725.4, n=48	
Median VWM	193.9, n=38	
Difference: Actual		-531.4
Difference: Hodges-Lehmann		-498.9
Table Analyzed	WT treatment- Distance moved	Basic test parameter: Treatment effect in WT animals
Unpaired t test		
P value	ns	0.2568
P value summary		
One- or two-tailed P value?	One-tailed	
t, df	t=0.6572, df=58	
Mean placebo		716.4
Mean lithium		675.9
95% confidence interval	-163.7 to 82.76	
Table Analyzed	VWM treatment Distance moved	Treatment effects in VWM animals
Mann-Whitney test		
P value		0.0202
Exact or approximate P value?	Exact	
P value summary	*	
One- or two-tailed P value?	One-tailed	
Sum of ranks in column A,B	1085, 995	
Mann-Whitney U		344
Median placebo	193.9, n=38	
Median lithium	364.5, n=26	
Difference: Actual		170.6
Difference: Hodges-Lehmann		135.7
Table Analyzed	WT-plac vs VWM-plac Moving time	Basic test parameter: WT-VWM differences
Unpaired t test		
P value	<0.0001	
P value summary	****	
One- or two-tailed P value?	One-tailed	
t, df	t=13.01, df=84	
Mean placebo		176.1
Mean lithium		47.86
95% confidence interval	-147.8 to -108.6	
Table Analyzed	WT treatment- Moving time	Basic test parameter: Treatment effect in WT animals
Unpaired t test		
P value		0.1445
P value summary	ns	
One- or two-tailed P value?	One-tailed	
t, df	t=1.070, df=58	
Mean placebo		176.1
Mean lithium		160.4
95% confidence interval	-44.95 to 13.63	
Table Analyzed	VWM treatment - Moving time	Treatment effects in VWM animals
Unpaired t test		
P value		0.0079
P value summary	**	
One- or two-tailed P value?	One-tailed	
t, df	t=2.480, df=62	
Mean placebo		47.86
Mean lithium		81.13
95% confidence interval	6.453 to 60.10	
Table Analyzed	WT-plac VWM-plac Velocity	Basic test parameter: WT-VWM differences
Mann-Whitney test		
P value	<0.0001	
Exact or approximate P value?	Exact	
P value summary	****	
One- or two-tailed P value?	One-tailed	
Sum of ranks in column A,B	2870, 871	
Mann-Whitney U		130
Median placebo	2,420, n=48	
Median lithium	0.6468, n=38	
Difference: Actual		-1.773
Difference: Hodges-Lehmann		-1.664
Table Analyzed	WT treatment - Velocity	Basic test parameter: Treatment effect in WT animals
Unpaired t test		
P value		0.2565
P value summary	ns	
One- or two-tailed P value?	One-tailed	
t, df	t=0.6581, df=58	
Mean placebo		2.389
Mean lithium		2.254
95% confidence interval	-0.5460 to 0.2758	
Table Analyzed	VWM treatment - Velocity	Treatment effects in VWM animals
Unpaired t test		
P value	*	0.012
P value summary		
One- or two-tailed P value?	One-tailed	
t, df	t=2.315, df=62	
Mean placebo		0.8221
Mean lithium		1.317
95% confidence interval	0.06736 to 0.9195	

Figure 3

Table Analyzed		Water/weight			
Mixed-effects model (REML)	Matching by factor: Time				
Assume sphericity?	Yes				
Alpha		0.05			
Fixed effects (type III)	P value	P value summary	Statistically significant (P < 0.05)?	F (Dfn, Dfd)	
Time	<0.0001	****	Yes	F (6, 70) = 76.45	
Treatment	<0.0001	****	Yes	F (1, 12) = 78.38	
Genotype		0.0004 ***	Yes	F (1, 12) = 23.70	
Time x Treatment	<0.0001	****	Yes	F (6, 70) = 74.36	
Time x Genotype	<0.0001	****	Yes	F (6, 70) = 15.14	
Treatment x Genotype		0.0005 ***	Yes	F (1, 12) = 22.79	
Time x Treatment x Genotype	<0.0001	****	Yes	F (6, 70) = 12.68	
Random effects	SD	Variance			
Subject		0.07108	0.005052		
Residual		0.08038	0.006461		
Was the matching effective?					
Chi-square, df	25.46, 1				
P value	<0.0001				
P value summary	****				
Is there significant matching (P < 0.05)?	Yes				
Data summary					
Number of columns	2 x 2				
Number of rows (Time)		7			
Number of subjects (Subject)		16			
Number of missing values		2			
Compare each cell mean with every other cell mean					
Number of families		1			
Number of comparisons per family		378			
Alpha		0.05			
Tukey's multiple comparisons test	Predicted (LS) mean diff,	95.00% CI of diff,	Below threshold?	Summary	Adjusted P Value
1WT - placebo vs. 1.2b4 ^{fl} 2b5 ^{fl} - placebo		-0.03916 -0.3311 to 0.2528	No	ns	>0.9999
1WT - placebo vs. 1WT - lithium		-0.00706 -0.2990 to 0.2849	No	ns	>0.9999
1WT - placebo vs. 1.2b4 ^{fl} 2b5 ^{fl} - lithium		0.0317 -0.2754 to 0.3388	No	ns	>0.9999
1WT - placebo vs. 2WT - placebo		0.004728 -0.2153 to 0.2248	No	ns	>0.9999
1WT - placebo vs. 2.2b4 ^{fl} 2b5 ^{fl} - placebo		0.005151 -0.2868 to 0.2971	No	ns	>0.9999
1WT - placebo vs. 2.4WT - lithium		-0.06829 -0.3603 to 0.2237	No	ns	>0.9999
1WT - placebo vs. 2.2b4 ^{fl} 2b5 ^{fl} - lithium		0.03126 -0.2607 to 0.3232	No	ns	>0.9999
1WT - placebo vs. 3WT - placebo		0.03567 -0.1844 to 0.2557	No	ns	>0.9999
1WT - placebo vs. 3.2b4 ^{fl} 2b5 ^{fl} - placebo		0.04544 -0.2485 to 0.3354	No	ns	>0.9999
1WT - placebo vs. 3WT - lithium		-0.1327 -0.4247 to 0.1592	No	ns	>0.9999
1WT - placebo vs. 3.2b4 ^{fl} 2b5 ^{fl} - lithium		0.01255 -0.2784 to 0.3045	No	ns	>0.9999
1WT - placebo vs. 4WT - placebo		0.02595 -0.1941 to 0.2460	No	ns	>0.9999
1WT - placebo vs. 4.2b4 ^{fl} 2b5 ^{fl} - placebo		0.02113 -0.2708 to 0.3131	No	ns	>0.9999
1WT - placebo vs. 4WT - lithium		-0.3632 -0.6551 to -0.07120	Yes	**	0.0002
1WT - placebo vs. 4.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.07681 -0.3688 to 0.2152	No	ns	>0.9999
1WT - placebo vs. 5WT - placebo		-0.02547 -0.2455 to 0.1946	No	ns	>0.9999
1WT - placebo vs. 5.2b4 ^{fl} 2b5 ^{fl} - placebo		0.01536 -0.2746 to 0.3073	No	ns	>0.9999
1WT - placebo vs. 5WT - lithium		-0.7537 -1.046 to -0.4618	Yes	****	<0.0001
1WT - placebo vs. 5.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.2016 -0.4936 to 0.09035	No	ns	0.6282
1WT - placebo vs. 6WT - placebo		0.0010 -0.1998 to 0.2401	No	ns	>0.9999
1WT - placebo vs. 6.2b4 ^{fl} 2b5 ^{fl} - placebo		0.01022 -0.2818 to 0.3022	No	ns	>0.9999
1WT - placebo vs. 6WT - lithium		-1.059 -1.351 to -0.7669	Yes	****	<0.0001
1WT - placebo vs. 6.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.2948 -0.5888 to -0.00068	Yes	*	0.0448
1WT - placebo vs. 7WT - placebo		-0.01668 -0.2367 to 0.2034	No	ns	>0.9999
1WT - placebo vs. 7.2b4 ^{fl} 2b5 ^{fl} - placebo		0.0139 -0.2781 to 0.3059	No	ns	>0.9999
1WT - placebo vs. 7WT - lithium		-1.266 -1.558 to -0.9740	Yes	****	<0.0001
1WT - placebo vs. 7.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.5382 -0.8413 to -0.2310	Yes	****	<0.0001
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 1WT - lithium		0.0321 -0.2599 to 0.3241	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 1.2b4 ^{fl} 2b5 ^{fl} - lithium		0.07086 -0.2363 to 0.3780	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 2WT - placebo		0.04889 -0.2481 to 0.3359	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 2.2b4 ^{fl} 2b5 ^{fl} - placebo		0.04831 -0.1757 to 0.2643	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 2WT - lithium		-0.02913 -0.3211 to 0.2628	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 2.2b4 ^{fl} 2b5 ^{fl} - lithium		0.07042 -0.2215 to 0.3624	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 3WT - placebo		0.07483 -0.2171 to 0.3668	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 3.2b4 ^{fl} 2b5 ^{fl} - placebo		0.0826 -0.1374 to 0.3026	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 3WT - lithium		-0.09358 -0.3856 to 0.1984	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 3.2b4 ^{fl} 2b5 ^{fl} - lithium		0.05172 -0.2403 to 0.3437	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 4WT - placebo		0.06511 -0.2269 to 0.3571	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 4.2b4 ^{fl} 2b5 ^{fl} - placebo		0.0603 -0.1597 to 0.2803	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 4WT - lithium		-0.324 -0.6160 to -0.03204	Yes	*	0.0134
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 4.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.03764 -0.3286 to 0.2543	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 5WT - placebo		0.01160 -0.2783 to 0.3057	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 5.2b4 ^{fl} 2b5 ^{fl} - placebo		0.05452 -0.1655 to 0.2746	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 5WT - lithium		-0.7146 -1.007 to -0.4226	Yes	****	<0.0001
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 5.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.1625 -0.4544 to 0.1295	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 6WT - placebo		0.05937 -0.2317 to 0.3512	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 6.2b4 ^{fl} 2b5 ^{fl} - placebo		0.04938 -0.1707 to 0.2694	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 6WT - lithium		-1.02 -1.312 to -0.7277	Yes	****	<0.0001
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 6.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.2557 -0.5471 to 0.03629	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 7WT - placebo		0.02448 -0.2695 to 0.3145	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 7.2b4 ^{fl} 2b5 ^{fl} - placebo		0.05306 -0.1670 to 0.2731	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 7WT - lithium		-1.227 -1.519 to -0.9348	Yes	****	<0.0001
1.2b4 ^{fl} 2b5 ^{fl} - placebo vs. 7.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.499 -0.8065 to -0.1919	Yes	****	<0.0001
1WT - lithium vs. 1.2b4 ^{fl} 2b5 ^{fl} - lithium		0.08676 -0.2648 to 0.3459	No	ns	>0.9999
1WT - lithium vs. 2WT - placebo		0.01179 -0.2802 to 0.3038	No	ns	>0.9999
1WT - lithium vs. 2.2b4 ^{fl} 2b5 ^{fl} - placebo		0.01221 -0.2798 to 0.3042	No	ns	>0.9999
1WT - lithium vs. 2WT - lithium		-0.06123 -0.2813 to 0.1588	No	ns	>0.9999
1WT - lithium vs. 2.2b4 ^{fl} 2b5 ^{fl} - lithium		0.03832 -0.2537 to 0.3303	No	ns	>0.9999
1WT - lithium vs. 3WT - placebo		0.04273 -0.2492 to 0.3347	No	ns	>0.9999
1WT - lithium vs. 3.2b4 ^{fl} 2b5 ^{fl} - placebo		0.05049 -0.2415 to 0.3425	No	ns	>0.9999
1WT - lithium vs. 3WT - lithium		-0.1257 -0.3457 to 0.09435	No	ns	0.8967
1WT - lithium vs. 3.2b4 ^{fl} 2b5 ^{fl} - lithium		0.01961 -0.2724 to 0.3116	No	ns	>0.9999
1WT - lithium vs. 4WT - placebo		0.03301 -0.2590 to 0.3250	No	ns	>0.9999
1WT - lithium vs. 4.2b4 ^{fl} 2b5 ^{fl} - placebo		0.03619 -0.2638 to 0.3302	No	ns	>0.9999
1WT - lithium vs. 4WT - lithium		-0.3561 -0.5761 to -0.1361	Yes	****	<0.0001
1WT - lithium vs. 4.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.06975 -0.3617 to 0.2222	No	ns	>0.9999
1WT - lithium vs. 5WT - placebo		-0.03141 -0.3104 to 0.2376	No	ns	>0.9999
1WT - lithium vs. 5.2b4 ^{fl} 2b5 ^{fl} - placebo		0.02242 -0.2696 to 0.3144	No	ns	>0.9999
1WT - lithium vs. 5WT - lithium		-0.7467 -0.9667 to -0.5266	Yes	****	<0.0001
1WT - lithium vs. 5.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.1946 -0.4865 to 0.09741	No	ns	0.696
1WT - lithium vs. 6WT - placebo		0.02716 -0.2648 to 0.3191	No	ns	>0.9999
1WT - lithium vs. 6.2b4 ^{fl} 2b5 ^{fl} - placebo		0.01728 -0.2747 to 0.3092	No	ns	>0.9999
1WT - lithium vs. 6.2b4 ^{fl} 2b5 ^{fl} - lithium		-1.052 -1.272 to -0.8318	Yes	****	<0.0001
1WT - lithium vs. 6.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.2878 -0.5798 to 0.004192	No	ns	0.0586
1WT - lithium vs. 7WT - placebo		-0.00962 -0.3016 to 0.2824	No	ns	>0.9999
1WT - lithium vs. 7.2b4 ^{fl} 2b5 ^{fl} - placebo		0.02096 -0.2710 to 0.3129	No	ns	>0.9999
1WT - lithium vs. 7WT - lithium		-1.259 -1.479 to -1.039	Yes	****	<0.0001
1WT - lithium vs. 7.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.5311 -0.8382 to -0.2240	Yes	****	<0.0001
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 2WT - placebo		-0.02697 -0.3341 to 0.2802	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 2.2b4 ^{fl} 2b5 ^{fl} - placebo		-0.02655 -0.3337 to 0.2806	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 2WT - lithium		-0.09999 -0.4071 to 0.2071	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 2.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.0004402 -0.2405 to 0.2396	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 3WT - placebo		0.003867 -0.3032 to 0.3111	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 3.2b4 ^{fl} 2b5 ^{fl} - placebo		0.01173 -0.2954 to 0.3189	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 3WT - lithium		-0.1644 -0.4715 to 0.1427	No	ns	0.9488
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 3.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.01915 -0.2592 to 0.2209	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 4WT - placebo		-0.005755 -0.3129 to 0.3014	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 4.2b4 ^{fl} 2b5 ^{fl} - placebo		-0.01057 -0.3177 to 0.2966	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 4WT - lithium		-0.3949 -0.7002 to -0.08774	Yes	**	0.0032
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 4.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.1085 -0.3485 to 0.1315	No	ns	0.9922
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 5WT - placebo		-0.05717 -0.3643 to 0.2500	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 5.2b4 ^{fl} 2b5 ^{fl} - placebo		-0.01634 -0.3235 to 0.2908	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 5WT - lithium		-0.7654 -1.093 to -0.4783	Yes	****	<0.0001
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 5.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.2333 -0.4733 to 0.006699	No	ns	0.0676
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 6WT - placebo		-0.0116 -0.3187 to 0.2955	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 6.2b4 ^{fl} 2b5 ^{fl} - placebo		-0.02148 -0.3286 to 0.2857	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 6WT - lithium		-1.091 -1.398 to -0.7834	Yes	****	<0.0001
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 6.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.3265 -0.5666 to -0.08652	Yes	***	0.0005
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 7WT - placebo		-0.04838 -0.3555 to 0.2588	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 7.2b4 ^{fl} 2b5 ^{fl} - placebo		-0.0178 -0.3249 to 0.2893	No	ns	>0.9999
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 7WT - lithium		-1.298 -1.605 to -0.9905	Yes	****	<0.0001
1.2b4 ^{fl} 2b5 ^{fl} - lithium vs. 7.2b4 ^{fl} 2b5 ^{fl} - lithium		-0.5699 -0.8300 to -0.3098	Yes	****	<0.0001

2.WT - placebo vs. 2.2b4 TM 2b5 TM - placebo	0.0004225 -0.2916 to 0.2924	No	ns	>0.9999	
2.WT - placebo vs. 2.WT - lithium	-0.07302 -0.3650 to 0.2190	No	ns	>0.9999	
2.WT - placebo vs. 2.2b4 TM 2b5 TM - lithium	0.02653 -0.2654 to 0.3185	No	ns	>0.9999	
2.WT - placebo vs. 3.WT - placebo	0.03894 -0.1891 to 0.2510	No	ns	>0.9999	
2.WT - placebo vs. 3.2b4 TM 2b5 TM - placebo	0.03871 -0.2513 to 0.3307	No	ns	>0.9999	
2.WT - placebo vs. 3.WT - lithium	-0.1375 -0.4284 to 0.1545	No	ns		0.9884
2.WT - placebo vs. 3.2b4 TM 2b5 TM - lithium	0.007826 -0.2841 to 0.2998	No	ns	>0.9999	
2.WT - placebo vs. 4.WT - placebo	0.02122 -0.1988 to 0.2412	No	ns	>0.9999	
2.WT - placebo vs. 4.2b4 TM 2b5 TM - placebo	0.01441 -0.2756 to 0.3084	No	ns	>0.9999	
2.WT - placebo vs. 4.WT - lithium	-0.3679 -0.6599 to -0.07993	Yes	**		0.0018
2.WT - placebo vs. 4.2b4 TM 2b5 TM - lithium	-0.08153 -0.3735 to 0.2104	No	ns	>0.9999	
2.WT - placebo vs. 5.WT - placebo	-0.0302 -0.2502 to 0.1898	No	ns	>0.9999	
2.WT - placebo vs. 5.2b4 TM 2b5 TM - placebo	0.01063 -0.2813 to 0.3026	No	ns	>0.9999	
2.WT - placebo vs. 5.WT - lithium	-0.7585 -1.050 to -0.4665	Yes	****	<0.0001	0.5816
2.WT - placebo vs. 5.2b4 TM 2b5 TM - lithium	-0.2064 -0.4983 to 0.08562	No	ns		
2.WT - placebo vs. 6.WT - placebo	0.01538 -0.2047 to 0.2354	No	ns	>0.9999	
2.WT - placebo vs. 6.2b4 TM 2b5 TM - placebo	0.005488 -0.285 to 0.2975	No	ns	>0.9999	
2.WT - placebo vs. 6.WT - lithium	-1.064 -1.356 to -0.7716	Yes	****	<0.0001	
2.WT - placebo vs. 6.2b4 TM 2b5 TM - lithium	-0.2986 -0.5915 to -0.007597	Yes	*		0.0372
2.WT - placebo vs. 7.WT - placebo	-0.02141 -0.2414 to 0.1986	No	ns	>0.9999	
2.WT - placebo vs. 7.2b4 TM 2b5 TM - placebo	0.009173 -0.2828 to 0.3011	No	ns	>0.9999	
2.WT - placebo vs. 7.WT - lithium	-1.271 -1.563 to -0.937	Yes	****	<0.0001	
2.WT - placebo vs. 7.2b4 TM 2b5 TM - lithium	-0.5429 -0.8507 to -0.2358	Yes	****	<0.0001	
2.2b4 TM 2b5 TM - placebo vs. 2.WT - lithium	-0.07344 -0.3654 to 0.2185	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 2.2b4 TM 2b5 TM - lithium	0.02611 -0.2659 to 0.3181	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 3.WT - placebo	0.03052 -0.2615 to 0.3225	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 3.2b4 TM 2b5 TM - placebo	0.03828 -0.1817 to 0.2583	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 3.WT - lithium	-0.1379 -0.4299 to 0.1541	No	ns		0.988
2.2b4 TM 2b5 TM - placebo vs. 3.2b4 TM 2b5 TM - lithium	0.007403 -0.2846 to 0.2994	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 4.WT - placebo	0.0308 -0.2712 to 0.3318	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 4.2b4 TM 2b5 TM - placebo	0.01598 -0.2040 to 0.2360	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 4.WT - lithium	-0.3683 -0.6603 to -0.07635	Yes	**		0.0017
2.2b4 TM 2b5 TM - placebo vs. 4.2b4 TM 2b5 TM - lithium	-0.08196 -0.3739 to 0.2100	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 5.WT - placebo	-0.03062 -0.3216 to 0.2613	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 5.2b4 TM 2b5 TM - placebo	0.01021 -0.2088 to 0.2302	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 5.WT - lithium	-0.7589 -1.051 to -0.4669	Yes	****	<0.0001	
2.2b4 TM 2b5 TM - placebo vs. 5.2b4 TM 2b5 TM - lithium	-0.2068 -0.4983 to 0.08520	No	ns		0.5774
2.2b4 TM 2b5 TM - placebo vs. 6.WT - placebo	0.01495 -0.2770 to 0.3069	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 6.2b4 TM 2b5 TM - placebo	0.005065 -0.2150 to 0.2251	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 6.WT - lithium	-1.064 -1.356 to -0.7720	Yes	****	<0.0001	
2.2b4 TM 2b5 TM - placebo vs. 6.2b4 TM 2b5 TM - lithium	0.3 -0.5920 to -0.008019	Yes	*		0.0365
2.2b4 TM 2b5 TM - placebo vs. 7.WT - placebo	-0.02183 -0.3118 to 0.2701	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 7.2b4 TM 2b5 TM - placebo	0.00875 -0.2113 to 0.2288	No	ns	>0.9999	
2.2b4 TM 2b5 TM - placebo vs. 7.WT - lithium	-1.271 -1.563 to -0.9791	Yes	****	<0.0001	
2.2b4 TM 2b5 TM - placebo vs. 7.2b4 TM 2b5 TM - lithium	-0.5433 -0.8505 to -0.2362	Yes	****	<0.0001	
2.WT - lithium vs. 2.2b4 TM 2b5 TM - lithium	0.09555 -0.1814 to 0.3815	No	ns	>0.9999	
2.WT - lithium vs. 3.WT - placebo	0.104 -0.1880 to 0.3959	No	ns		0.9998
2.WT - lithium vs. 3.2b4 TM 2b5 TM - placebo	0.1117 -0.1802 to 0.4037	No	ns		0.9994
2.WT - lithium vs. 3.WT - lithium	-0.06445 -0.2845 to 0.1556	No	ns	>0.9999	
2.WT - lithium vs. 3.2b4 TM 2b5 TM - lithium	0.08085 -0.2111 to 0.3728	No	ns	>0.9999	
2.WT - lithium vs. 4.WT - placebo	0.09424 -0.1977 to 0.3862	No	ns	>0.9999	
2.WT - lithium vs. 4.2b4 TM 2b5 TM - placebo	0.08843 -0.2025 to 0.3814	No	ns	>0.9999	
2.WT - lithium vs. 4.WT - lithium	-0.2549 -0.5149 to -0.07485	Yes	***		0.0006
2.WT - lithium vs. 4.2b4 TM 2b5 TM - lithium	-0.008511 -0.3005 to 0.2835	No	ns	>0.9999	
2.WT - lithium vs. 5.WT - placebo	0.04282 -0.2492 to 0.3348	No	ns	>0.9999	
2.WT - lithium vs. 5.2b4 TM 2b5 TM - placebo	0.08365 -0.2083 to 0.3756	No	ns	>0.9999	
2.WT - lithium vs. 5.WT - lithium	-0.6854 -0.9055 to -0.4654	Yes	****	<0.0001	
2.WT - lithium vs. 5.2b4 TM 2b5 TM - lithium	-0.1333 -0.4253 to 0.1586	No	ns		0.9923
2.WT - lithium vs. 6.WT - placebo	0.03884 -0.2036 to 0.3004	No	ns	>0.9999	
2.WT - lithium vs. 6.2b4 TM 2b5 TM - placebo	0.07851 -0.2135 to 0.3705	No	ns	>0.9999	
2.WT - lithium vs. 6.WT - lithium	-0.9006 -1.211 to -0.7705	Yes	****	<0.0001	
2.WT - lithium vs. 6.2b4 TM 2b5 TM - lithium	-0.2265 -0.5185 to 0.06543	No	ns		0.3876
2.WT - lithium vs. 7.WT - placebo	0.03161 -0.2404 to 0.3436	No	ns	>0.9999	
2.WT - lithium vs. 7.2b4 TM 2b5 TM - placebo	0.08219 -0.2088 to 0.3742	No	ns	>0.9999	
2.WT - lithium vs. 7.WT - lithium	-1.198 -1.418 to -0.9776	Yes	****	<0.0001	
2.WT - lithium vs. 7.2b4 TM 2b5 TM - lithium	-0.4609 -0.7770 to -0.1477	Yes	****	<0.0001	
2.2b4 TM 2b5 TM - lithium vs. 3.WT - placebo	0.004607 -0.2876 to 0.2964	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 3.2b4 TM 2b5 TM - placebo	0.01217 -0.2788 to 0.3041	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 3.WT - lithium	-0.164 -0.4560 to 0.1280	No	ns		0.9178
2.2b4 TM 2b5 TM - lithium vs. 3.2b4 TM 2b5 TM - lithium	-0.01871 -0.2387 to 0.2013	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 4.WT - placebo	-0.005315 -0.2973 to 0.2867	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 4.2b4 TM 2b5 TM - placebo	-0.01013 -0.3021 to 0.2818	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 4.WT - lithium	-0.3944 -0.6884 to -0.1025	Yes	***		0.0005
2.2b4 TM 2b5 TM - lithium vs. 4.2b4 TM 2b5 TM - lithium	-0.1081 -0.3281 to 0.1120	No	ns		6.876
2.2b4 TM 2b5 TM - lithium vs. 5.WT - placebo	-0.05673 -0.3487 to 0.2352	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 5.2b4 TM 2b5 TM - placebo	-0.0159 -0.3079 to 0.2761	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 5.WT - lithium	-0.785 -1.077 to -0.4930	Yes	****	<0.0001	
2.2b4 TM 2b5 TM - lithium vs. 5.2b4 TM 2b5 TM - lithium	-0.2329 -0.4529 to -0.01285	Yes	*		0.0257
2.2b4 TM 2b5 TM - lithium vs. 6.WT - placebo	-0.01116 -0.3031 to 0.2808	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 6.2b4 TM 2b5 TM - placebo	-0.02104 -0.3130 to 0.2709	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 6.WT - lithium	-1.189 -1.382 to -0.7981	Yes	****	<0.0001	
2.2b4 TM 2b5 TM - lithium vs. 6.2b4 TM 2b5 TM - lithium	-0.3261 -0.5461 to -0.1061	Yes	****	<0.0001	
2.2b4 TM 2b5 TM - lithium vs. 7.WT - placebo	-0.04794 -0.3389 to 0.2440	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 7.2b4 TM 2b5 TM - placebo	-0.01736 -0.3093 to 0.2746	No	ns	>0.9999	
2.2b4 TM 2b5 TM - lithium vs. 7.WT - lithium	-1.297 -1.589 to -1.005	Yes	****	<0.0001	
2.2b4 TM 2b5 TM - lithium vs. 7.2b4 TM 2b5 TM - lithium	-0.5694 -0.8094 to -0.3294	Yes	****	<0.0001	

3WT - placebo vs. 3.2b4 TM 2b5 TM - placebo	0,007767 -0,2842 to 0,2997	No	ns	>-9999	
3WT - placebo vs. 3WT - lithium	-0,1484 -0,4603 to 0,1236	No	ns		0,8954
3WT - placebo vs. 3.2b4 TM 2b5 TM - lithium	-0,02311 -0,3151 to 0,2689	No	ns	>-9999	
3WT - placebo vs. 4WT - placebo	-0,009722 -0,2288 to 0,2103	No	ns	>-9999	
3WT - placebo vs. 4.2b4 TM 2b5 TM - placebo	-0,01453 -0,3065 to 0,2774	No	ns	>-9999	
3WT - placebo vs. 4WT - lithium	-0,3988 -0,6988 to -0,1989	Yes	***		0,0004
3WT - placebo vs. 4.2b4 TM 2b5 TM - lithium	-0,1125 -0,4044 to 0,1795	No	ns		0,9994
3WT - placebo vs. 5WT - placebo	-0,06114 -0,2812 to 0,1589	No	ns	>-9999	
3WT - placebo vs. 5.2b4 TM 2b5 TM - placebo	-0,02031 -0,3123 to 0,2717	No	ns	>-9999	
3WT - placebo vs. 5WT - lithium	-0,7894 -1,081 to -0,4974	Yes	****	<-0,0001	
3WT - placebo vs. 5.2b4 TM 2b5 TM - lithium	-0,2373 -0,5293 to 0,05488	No	ns		0,2877
3WT - placebo vs. 6WT - placebo	-0,01556 -0,2356 to 0,2045	No	ns	>-9999	
3WT - placebo vs. 6.2b4 TM 2b5 TM - placebo	-0,02545 -0,3174 to 0,2665	No	ns	>-9999	
3WT - placebo vs. 6WT - lithium	-1,095 -1,386 to -0,8025	Yes	****	<-0,0001	
3WT - placebo vs. 6.2b4 TM 2b5 TM - lithium	-0,3305 -0,6225 to -0,03854	Yes	ns		0,0101
3WT - placebo vs. 7WT - placebo	-0,05235 -0,2724 to 0,1677	No	ns	>-9999	
3WT - placebo vs. 7.2b4 TM 2b5 TM - placebo	-0,02177 -0,3137 to 0,2702	No	ns	>-9999	
3WT - placebo vs. 7WT - lithium	-1,302 -1,594 to -1,010	Yes	****	<-0,0001	
3.2b4 TM 2b5 TM - placebo vs. 3.2b4 TM 2b5 TM - lithium	-0,5738 -0,8810 to -0,2667	No	ns		0,8474
3.2b4 TM 2b5 TM - placebo vs. 3WT - lithium	-0,1762 -0,4682 to 0,1158	No	ns		
3.2b4 TM 2b5 TM - placebo vs. 3.2b4 TM 2b5 TM - lithium	-0,03088 -0,3229 to 0,2611	No	ns	>-9999	
3.2b4 TM 2b5 TM - placebo vs. 4WT - placebo	-0,01749 -0,3095 to 0,2745	No	ns	>-9999	
3.2b4 TM 2b5 TM - placebo vs. 4.2b4 TM 2b5 TM - placebo	-0,0213 -0,3123 to 0,1977	No	ns	>-9999	
3.2b4 TM 2b5 TM - placebo vs. 4WT - lithium	-0,4066 -0,6986 to -0,1146	Yes	***		0,0002
3.2b4 TM 2b5 TM - placebo vs. 4.2b4 TM 2b5 TM - lithium	-0,1202 -0,4122 to 0,1717	No	ns		0,9982
3.2b4 TM 2b5 TM - placebo vs. 5WT - placebo	-0,08891 -0,3699 to 0,2121	No	ns	>-9999	
3.2b4 TM 2b5 TM - placebo vs. 5.2b4 TM 2b5 TM - placebo	-0,03008 -0,3481 to 0,1220	No	ns	>-9999	
3.2b4 TM 2b5 TM - placebo vs. 5WT - lithium	-0,7972 -1,089 to -0,5052	Yes	****	<-0,0001	
3.2b4 TM 2b5 TM - placebo vs. 5.2b4 TM 2b5 TM - lithium	-0,2451 -0,5370 to 0,04692	No	ns		0,2412
3.2b4 TM 2b5 TM - placebo vs. 6WT - placebo	-0,02333 -0,3153 to 0,2686	No	ns	>-9999	
3.2b4 TM 2b5 TM - placebo vs. 6.2b4 TM 2b5 TM - placebo	-0,03122 -0,3212 to 0,1868	No	ns	>-9999	
3.2b4 TM 2b5 TM - placebo vs. 6WT - lithium	-1,102 -1,394 to -0,8103	Yes	****	<-0,0001	
3.2b4 TM 2b5 TM - placebo vs. 6.2b4 TM 2b5 TM - lithium	-0,3383 -0,6303 to -0,04630	Yes	**		0,0071
3.2b4 TM 2b5 TM - placebo vs. 7WT - placebo	-0,06011 -0,3521 to 0,2319	No	ns	>-9999	
3.2b4 TM 2b5 TM - placebo vs. 7.2b4 TM 2b5 TM - placebo	-0,02953 -0,2496 to 0,1905	No	ns	>-9999	
3.2b4 TM 2b5 TM - placebo vs. 7WT - lithium	-1,309 -1,601 to -1,017	Yes	****	<-0,0001	
3.2b4 TM 2b5 TM - placebo vs. 7.2b4 TM 2b5 TM - lithium	-0,5816 -0,8887 to -0,2745	Yes	****	<-0,0001	
3WT - lithium vs. 3.2b4 TM 2b5 TM - lithium	0,1453 -0,1487 to 0,4573	No	ns		0,9772
3WT - lithium vs. 4WT - placebo	0,1587 -0,1333 to 0,4507	No	ns		0,9403
3WT - lithium vs. 4.2b4 TM 2b5 TM - placebo	0,1539 -0,1381 to 0,4459	No	ns		0,9566
3WT - lithium vs. 4WT - lithium	0,2304 -0,4526 to -0,01040	Yes	ns		0,0293
3WT - lithium vs. 4.2b4 TM 2b5 TM - lithium	0,05594 -0,2362 to 0,3479	No	ns	>-9999	
3WT - lithium vs. 5WT - placebo	0,1073 -0,1847 to 0,3992	No	ns		0,9997
3WT - lithium vs. 5.2b4 TM 2b5 TM - placebo	0,1481 -0,1439 to 0,4401	No	ns		0,9715
3WT - lithium vs. 5WT - lithium	-0,121 -0,4410 to 0,4010	Yes	****	<-0,0001	
3WT - lithium vs. 5.2b4 TM 2b5 TM - lithium	-0,06888 -0,3609 to 0,2231	No	ns	>-9999	
3WT - lithium vs. 6WT - placebo	0,1528 -0,1391 to 0,4448	No	ns		0,9596
3WT - lithium vs. 6.2b4 TM 2b5 TM - placebo	0,143 -0,1490 to 0,4549	No	ns		0,9812
3WT - lithium vs. 6WT - lithium	-0,2951 -1,146 to 0,7061	Yes	****	<-0,0001	
3WT - lithium vs. 6.2b4 TM 2b5 TM - lithium	-0,1621 -0,4541 to 0,1299	No	ns		0,9265
3WT - lithium vs. 7WT - placebo	0,1161 -0,1728 to 0,4080	No	ns		0,999
3WT - lithium vs. 7.2b4 TM 2b5 TM - placebo	0,1466 -0,1452 to 0,4486	No	ns		0,9746
3WT - lithium vs. 7WT - lithium	-1,133 -1,353 to -0,9132	Yes	****	<-0,0001	
3WT - lithium vs. 7.2b4 TM 2b5 TM - lithium	-0,4054 -0,7126 to -0,09828	Yes	***		0,0007
3.2b4 TM 2b5 TM - lithium vs. 4WT - placebo	0,01349 -0,1786 to 0,3054	No	ns	>-9999	
3.2b4 TM 2b5 TM - lithium vs. 4.2b4 TM 2b5 TM - placebo	0,008581 -0,2814 to 0,3006	No	ns	>-9999	
3.2b4 TM 2b5 TM - lithium vs. 4WT - lithium	-0,3757 -0,6677 to -0,08376	Yes	**		0,0012
3.2b4 TM 2b5 TM - lithium vs. 4.2b4 TM 2b5 TM - lithium	-0,08936 -0,3094 to 0,1307	No	ns		0,9983
3.2b4 TM 2b5 TM - lithium vs. 5WT - placebo	-0,03603 -0,3303 to 0,2539	No	ns	>-9999	
3.2b4 TM 2b5 TM - lithium vs. 5.2b4 TM 2b5 TM - placebo	0,002803 -0,2892 to 0,2948	No	ns	>-9999	
3.2b4 TM 2b5 TM - lithium vs. 5WT - lithium	-0,7663 -1,058 to -0,4743	Yes	****	<-0,0001	
3.2b4 TM 2b5 TM - lithium vs. 5.2b4 TM 2b5 TM - lithium	0,2142 -0,4342 to 0,005855	No	ns		0,0666
3.2b4 TM 2b5 TM - lithium vs. 6WT - placebo	0,00755 -0,2844 to 0,2995	No	ns	>-9999	
3.2b4 TM 2b5 TM - lithium vs. 6.2b4 TM 2b5 TM - placebo	-0,002338 -0,2943 to 0,2896	No	ns	>-9999	
3.2b4 TM 2b5 TM - lithium vs. 6WT - lithium	-1,071 -1,363 to -0,7794	Yes	****	<-0,0001	
3.2b4 TM 2b5 TM - lithium vs. 6.2b4 TM 2b5 TM - lithium	0,3074 -0,5274 to -0,08736	Yes	***		0,0003
3.2b4 TM 2b5 TM - lithium vs. 7WT - placebo	-0,02923 -0,3212 to 0,2627	No	ns	>-9999	
3.2b4 TM 2b5 TM - lithium vs. 7.2b4 TM 2b5 TM - placebo	0,001347 -0,2906 to 0,2933	No	ns	>-9999	
3.2b4 TM 2b5 TM - lithium vs. 7WT - lithium	-1,279 -1,570 to -0,9865	Yes	****	<-0,0001	
3.2b4 TM 2b5 TM - lithium vs. 7.2b4 TM 2b5 TM - lithium	0,5507 -0,7929 to -0,3107	Yes	****	<-0,0001	
4WT - placebo vs. 4.2b4 TM 2b5 TM - placebo	-0,04011 -0,2968 to 0,2072	No	ns	>-9999	
4WT - placebo vs. 4WT - lithium	-0,3891 -0,6811 to -0,09715	Yes	*		0,0006
4WT - placebo vs. 4.2b4 TM 2b5 TM - lithium	-0,1028 -0,3947 to 0,1892	No	ns		0,9999
4WT - placebo vs. 5WT - placebo	-0,05142 -0,2714 to 0,1686	No	ns	>-9999	
4WT - placebo vs. 5.2b4 TM 2b5 TM - placebo	-0,01059 -0,3035 to 0,2814	No	ns	>-9999	
4WT - placebo vs. 5WT - lithium	-0,7797 -1,072 to -0,4877	Yes	****	<-0,0001	
4WT - placebo vs. 5.2b4 TM 2b5 TM - lithium	-0,2276 -0,5195 to 0,06441	No	ns		0,3786
4WT - placebo vs. 6WT - placebo	-0,05542 -0,2259 to 0,1142	No	ns	>-9999	
4WT - placebo vs. 6.2b4 TM 2b5 TM - placebo	-0,01573 -0,3077 to 0,2762	No	ns	>-9999	
4WT - placebo vs. 6WT - lithium	-1,085 -1,377 to -0,7928	Yes	****	<-0,0001	
4WT - placebo vs. 6.2b4 TM 2b5 TM - lithium	-0,3208 -0,6128 to -0,03881	Yes	*		0,0154
4WT - placebo vs. 7WT - placebo	-0,04263 -0,2627 to 0,1774	No	ns	>-9999	
4WT - placebo vs. 7.2b4 TM 2b5 TM - placebo	-0,01205 -0,3040 to 0,2799	No	ns	>-9999	
4WT - placebo vs. 7WT - lithium	-1,292 -1,584 to -0,999	Yes	****	<-0,0001	
4WT - placebo vs. 7.2b4 TM 2b5 TM - lithium	0,5641 -0,8713 to -0,2570	Yes	****	<-0,0001	
4.2b4 TM 2b5 TM - placebo vs. 4WT - lithium	-0,3843 -0,6763 to -0,09234	Yes	***		0,0008
4.2b4 TM 2b5 TM - placebo vs. 4.2b4 TM 2b5 TM - lithium	-0,09794 -0,3899 to 0,1940	No	ns	>-9999	
4.2b4 TM 2b5 TM - placebo vs. 5WT - placebo	-0,04661 -0,3386 to 0,2454	No	ns	>-9999	
4.2b4 TM 2b5 TM - placebo vs. 5.2b4 TM 2b5 TM - placebo	-0,005777 -0,2258 to 0,2143	No	ns	>-9999	
4.2b4 TM 2b5 TM - placebo vs. 5WT - lithium	-0,7749 -1,067 to -0,4829	Yes	****	<-0,0001	
4.2b4 TM 2b5 TM - placebo vs. 5.2b4 TM 2b5 TM - lithium	0,2228 -0,5151 to 0,06022	No	ns		0,4222
4.2b4 TM 2b5 TM - placebo vs. 6WT - placebo	-0,01031 -0,2930 to 0,2699	No	ns	>-9999	
4.2b4 TM 2b5 TM - placebo vs. 6.2b4 TM 2b5 TM - placebo	-0,01092 -0,2309 to 0,2091	No	ns	>-9999	
4.2b4 TM 2b5 TM - placebo vs. 6WT - lithium	-1,08 -1,372 to -0,7880	Yes	****	<-0,0001	
4.2b4 TM 2b5 TM - placebo vs. 6.2b4 TM 2b5 TM - lithium	-0,316 -0,6079 to -0,02400	Yes	*		0,0189
4.2b4 TM 2b5 TM - placebo vs. 7WT - placebo	-0,03781 -0,3288 to 0,2543	No	ns	>-9999	
4.2b4 TM 2b5 TM - placebo vs. 7.2b4 TM 2b5 TM - placebo	-0,007234 -0,2273 to 0,2128	No	ns	>-9999	
4.2b4 TM 2b5 TM - placebo vs. 7WT - lithium	-1,287 -1,579 to -0,9951	Yes	****	<-0,0001	
4.2b4 TM 2b5 TM - placebo vs. 7.2b4 TM 2b5 TM - lithium	0,5593 -0,8684 to 0,1763	Yes	****	<-0,0001	
4WT - lithium vs. 4.2b4 TM 2b5 TM - lithium	0,3864 -0,09502 to 0,5783	No	ns		0,3618
4WT - lithium vs. 5WT - placebo	0,3377 -0,04573 to 0,6297	Yes	**		0,0073
4WT - lithium vs. 5.2b4 TM 2b5 TM - placebo	0,3785 -0,08656 to 0,705	Yes	**		0,001
4WT - lithium vs. 5WT - lithium	-0,3906 -0,6106 to -0,1705	Yes	****	<-0,0001	
4WT - lithium vs. 5.2b4 TM 2b5 TM - lithium	0,1816 -0,1304 to 0,4535	No	ns		0,9288
4WT - lithium vs. 6WT - placebo	0,3833 -0,09131 to 0,6753	Yes	ns		0,0008
4WT - lithium vs. 6.2b4 TM 2b5 TM - placebo	0,3734 -0,0812 to 0,6654	Yes	ns		0,0013
4WT - lithium vs. 6WT - lithium	0,6857 -0,9112 to 0,4756	Yes	****	<-0,0001	
4WT - lithium vs. 6.2b4 TM 2b5 TM - lithium	0,06833 -0,2236 to 0,3603	No	ns	>-9999	
4WT - lithium vs. 7WT - placebo	0,3465 -0,05420 to 0,6385	Yes	**		0,0049
4WT - lithium vs. 7.2b4 TM 2b5 TM - placebo	0,3771 -0,06310 to 0,6691	Yes	**		0,0011
4WT - lithium vs. 7WT - lithium	-0,9028 -1,123 to -0,6828	Yes	****	<-0,0001	
4WT - lithium vs. 7.2b4 TM 2b5 TM - lithium	-0,175 -0,4821 to 0,1322	No	ns		0,9064
4.2b4 TM 2b5 TM - lithium vs. 5WT - placebo	0,05133 -0,2485 to 0,3433	No	ns	>-9999	
4.2b4 TM 2b5 TM - lithium vs. 5.2b4 TM 2b5 TM - placebo	0,09216 -0,1988 to 0,3841	No	ns	>-9999	
4.2b4 TM 2b5 TM - lithium vs. 5WT - lithium	-0,6769 -0,9689 to -0,3850	Yes	****	<-0,0001	
4.2b4 TM 2b5 TM - lithium vs. 5.2b4 TM 2b5 TM - lithium	-0,1248 -0,3448 to 0,09521	No	ns		0,9028
4.2b4 TM 2b5 TM - lithium vs. 6WT - placebo	-0,09691 -0,1951 to 0,3889	No	ns	>-9999	
4.2b4 TM 2b5 TM - lithium vs. 6.2b4 TM 2b5 TM - placebo	0,08702 -0,2050 to 0,3790	No	ns	>-9999	
4.2b4 TM 2b5 TM - lithium vs. 6WT - lithium	-0,982 -1,274 to -0,6901	Yes	****	<-0,0001	
4.2b4 TM 2b5 TM - lithium vs. 6.2b4 TM 2b5 TM - lithium	-0,218 -0,4385 to 0,001994	No	ns		0,0552
4.2b4 TM 2b5 TM - lithium vs. 7WT - placebo	0,06013 -0,2318 to 0,3521	No	ns	>-9999	
4.2b4 TM 2b5 TM - lithium vs. 7.2b4 TM 2b5 TM - placebo	0,09071 -0,2013 to 0,3827	No	ns	>-9999	
4.2b4 TM 2b5 TM - lithium vs. 7WT - lithium	-1,189 -1,481 to -0,8972	Yes	****	<-0,0001	
4.2b4 TM 2b5 TM - lithium vs. 7.2b4 TM 2b5 TM - lithium	0,4614 -0,7014 to -0,2213	Yes	****	<-0,0001	
5WT - placebo vs. 5.2b4 TM 2b5 TM - placebo	0,04083 -0,2511 to 0,3328	No	ns	>-9999	
5WT - placebo vs. 5WT - lithium	-0,7283 -1,020 to -0,4363	Yes	****	<-0,0001	
5WT - placebo vs. 5.2b4 TM 2b5 TM - lithium	-0,1761 -0,4681 to 0,1158	No	ns		0,8476
5WT - placebo vs. 6WT - placebo	0,04558 -0,1745 to 0,2656	No	ns	>-9999	
5WT - placebo vs. 6.2b4 TM 2b5 TM - placebo	0,03569 -0,2543 to 0,3277	No	ns	>-9999	
5WT - placebo vs. 6WT - lithium	-1,033 -1,325 to -0,7414	Yes	****	<-0,0001	
5WT - placebo vs. 6.2b4 TM 2b5 TM - lithium	0,2094 -0,5613 to 0,02260	No	ns		0,1133
5WT - placebo vs. 7WT - placebo	0,08793 -0,2112 to 0,2288	No	ns	>-9999	
5WT - placebo vs. 7.					

Test details	Predicted (L5) mean 1	Predicted (L5) mean 2	Predicted (L5) mean diff,	SE of diff,	N1	N2	q	Df
1WT - placebo vs. 1.2b4 TM 2b5 TM - placebo	0.1753	0.2145	-0.03916	0.07587	4	4	0.73	82
1WT - placebo vs. 1WT - lithium	0.1753	0.1824	-0.00706	0.07587	4	4	0.1316	82
1WT - placebo vs. 1.2b4 TM 2b5 TM - lithium	0.1753	0.1436	0.0317	0.07981	4	3	0.5617	82
1WT - placebo vs. 2WT - placebo	0.1753	0.1706	0.004728	0.05684	4	4	0.1177	70
1WT - placebo vs. 2.2b4 TM 2b5 TM - placebo	0.1753	0.1702	0.005151	0.07587	4	4	0.0961	82
1WT - placebo vs. 2WT - lithium	0.1753	0.2436	-0.06829	0.07587	4	4	1.273	82
1WT - placebo vs. 2.2b4 TM 2b5 TM - lithium	0.1753	0.144	0.03126	0.07587	4	4	0.5837	82
1WT - placebo vs. 3WT - placebo	0.1753	0.1396	0.03567	0.06684	4	4	0.8876	70
1WT - placebo vs. 3.2b4 TM 2b5 TM - placebo	0.1753	0.1319	0.04344	0.07587	4	4	0.8096	82
1WT - placebo vs. 3WT - lithium	0.1753	0.308	-0.1327	0.07587	4	4	2.474	82
1WT - placebo vs. 3.2b4 TM 2b5 TM - lithium	0.1753	0.1628	0.01255	0.07587	4	4	0.234	82
1WT - placebo vs. 4WT - placebo	0.1753	0.1494	0.02595	0.05684	4	4	0.6456	70
1WT - placebo vs. 4.2b4 TM 2b5 TM - placebo	0.1753	0.1542	0.02113	0.07587	4	4	0.3939	82
1WT - placebo vs. 4WT - lithium	0.1753	0.5385	-0.3632	0.07587	4	4	6.77	82
1WT - placebo vs. 4.2b4 TM 2b5 TM - lithium	0.1753	0.2521	0.07981	0.07587	4	4	1.452	82
1WT - placebo vs. 5WT - placebo	0.1753	0.2008	-0.02547	0.05684	4	4	0.6338	70
1WT - placebo vs. 5.2b4 TM 2b5 TM - placebo	0.1753	0.1599	0.01536	0.07587	4	4	0.2863	82
1WT - placebo vs. 5WT - lithium	0.1753	0.929	-0.7537	0.07587	4	4	14.05	82
1WT - placebo vs. 5.2b4 TM 2b5 TM - lithium	0.1753	0.3769	-0.2016	0.07587	4	4	3.758	82
1WT - placebo vs. 6WT - placebo	0.1753	0.1552	0.0201	0.05684	4	4	0.5002	70
1WT - placebo vs. 6.2b4 TM 2b5 TM - placebo	0.1753	0.1651	0.01022	0.07587	4	4	0.1904	82
1WT - placebo vs. 6WT - lithium	0.1753	1.234	-1.059	0.07587	4	4	19.74	82
1WT - placebo vs. 6.2b4 TM 2b5 TM - lithium	0.1753	0.4701	-0.2948	0.07587	4	4	5.496	82
1WT - placebo vs. 7WT - placebo	0.1753	0.192	-0.01668	0.05684	4	4	0.415	70
1WT - placebo vs. 7.2b4 TM 2b5 TM - placebo	0.1753	0.1614	0.0139	0.07587	4	4	0.2501	82
1WT - placebo vs. 7WT - lithium	0.1753	1.441	-1.266	0.07587	4	4	23.6	82
1WT - placebo vs. 7.2b4 TM 2b5 TM - lithium	0.1753	0.7135	-0.5382	0.07981	4	3	9.536	82
1.2b4 TM 2b5 TM - placebo vs. 1WT - lithium	0.2145	0.1824	0.0321	0.07587	4	4	0.5984	82
1.2b4 TM 2b5 TM - placebo vs. 1.2b4 TM 2b5 TM - lithium	0.2145	0.1436	0.07086	0.07981	4	3	1.256	82
1.2b4 TM 2b5 TM - placebo vs. 2WT - placebo	0.2145	0.1706	0.04389	0.07587	4	4	0.8181	82
1.2b4 TM 2b5 TM - placebo vs. 2.2b4 TM 2b5 TM - placebo	0.2145	0.1702	0.04431	0.05684	4	4	1.103	70
1.2b4 TM 2b5 TM - placebo vs. 2WT - lithium	0.2145	0.1436	0.07093	0.07587	4	4	0.543	82
1.2b4 TM 2b5 TM - placebo vs. 2.2b4 TM 2b5 TM - lithium	0.2145	0.144	0.07042	0.07587	4	4	1.313	82
1.2b4 TM 2b5 TM - placebo vs. 3WT - placebo	0.2145	0.1396	0.07483	0.05684	4	4	1.395	82
1.2b4 TM 2b5 TM - placebo vs. 3.2b4 TM 2b5 TM - placebo	0.2145	0.1319	0.0826	0.05684	4	4	2.055	70
1.2b4 TM 2b5 TM - placebo vs. 3WT - lithium	0.2145	0.308	-0.09358	0.07587	4	4	1.744	82
1.2b4 TM 2b5 TM - placebo vs. 3.2b4 TM 2b5 TM - lithium	0.2145	0.1628	0.05172	0.07587	4	4	0.964	82
1.2b4 TM 2b5 TM - placebo vs. 4WT - placebo	0.2145	0.1494	0.06511	0.07587	4	4	1.214	82
1.2b4 TM 2b5 TM - placebo vs. 4.2b4 TM 2b5 TM - placebo	0.2145	0.1542	0.0603	0.05684	4	4	1.5	70
1.2b4 TM 2b5 TM - placebo vs. 4WT - lithium	0.2145	0.5385	-0.324	0.07587	4	4	6.94	82
1.2b4 TM 2b5 TM - placebo vs. 4.2b4 TM 2b5 TM - lithium	0.2145	0.2521	-0.03764	0.07587	4	4	0.7016	82
1.2b4 TM 2b5 TM - placebo vs. 5WT - placebo	0.2145	0.2008	0.01369	0.07587	4	4	0.2552	82
1.2b4 TM 2b5 TM - placebo vs. 5.2b4 TM 2b5 TM - placebo	0.2145	0.1599	0.05452	0.05684	4	4	1.357	70
1.2b4 TM 2b5 TM - placebo vs. 5WT - lithium	0.2145	0.929	-0.746	0.07587	4	4	13.12	82
1.2b4 TM 2b5 TM - placebo vs. 5.2b4 TM 2b5 TM - lithium	0.2145	0.3769	-0.1625	0.07587	4	4	3.028	82
1.2b4 TM 2b5 TM - placebo vs. 6WT - placebo	0.2145	0.1552	0.05927	0.07587	4	4	1.105	82
1.2b4 TM 2b5 TM - placebo vs. 6.2b4 TM 2b5 TM - placebo	0.2145	0.1651	0.04838	0.05684	4	4	1.229	70
1.2b4 TM 2b5 TM - placebo vs. 6WT - lithium	0.2145	1.234	-1.02	0.07587	4	4	18.01	82
1.2b4 TM 2b5 TM - placebo vs. 6.2b4 TM 2b5 TM - lithium	0.2145	0.4701	-0.2557	0.07587	4	4	4.766	82
1.2b4 TM 2b5 TM - placebo vs. 7WT - placebo	0.2145	0.192	0.02248	0.07587	4	4	0.4191	82
1.2b4 TM 2b5 TM - placebo vs. 7.2b4 TM 2b5 TM - placebo	0.2145	0.1614	0.05306	0.05684	4	4	1.32	70
1.2b4 TM 2b5 TM - placebo vs. 7WT - lithium	0.2145	1.441	-1.227	0.07587	4	4	22.87	82
1.2b4 TM 2b5 TM - placebo vs. 7.2b4 TM 2b5 TM - lithium	0.2145	0.7135	-0.499	0.07981	4	3	8.842	82
1WT - lithium vs. 1.2b4 TM 2b5 TM - lithium	0.1824	0.1436	0.03876	0.07981	4	3	0.6888	82
1WT - lithium vs. 2WT - placebo	0.1824	0.1706	0.01179	0.07587	4	4	0.2317	82
1WT - lithium vs. 2.2b4 TM 2b5 TM - placebo	0.1824	0.1702	0.01221	0.07587	4	4	0.2276	82
1WT - lithium vs. 2WT - lithium	0.1824	0.436	-0.06123	0.05684	4	4	1.524	70
1WT - lithium vs. 2.2b4 TM 2b5 TM - lithium	0.1824	0.144	0.03832	0.07587	4	4	0.7143	82
1WT - lithium vs. 3WT - placebo	0.1824	0.1396	0.04273	0.07587	4	4	0.794	82
1WT - lithium vs. 3.2b4 TM 2b5 TM - placebo	0.1824	0.1319	0.05049	0.07587	4	4	0.9412	82
1WT - lithium vs. 3WT - lithium	0.1824	0.308	-0.1257	0.05684	4	4	3.127	70
1WT - lithium vs. 3.2b4 TM 2b5 TM - lithium	0.1824	0.1628	0.02961	0.07587	4	4	0.365	82
1WT - lithium vs. 4WT - placebo	0.1824	0.1494	0.03301	0.07587	4	4	0.6152	82
1WT - lithium vs. 4.2b4 TM 2b5 TM - placebo	0.1824	0.1542	0.02819	0.07587	4	4	0.5255	82
1WT - lithium vs. 4WT - lithium	0.1824	0.5385	-0.3561	0.05684	4	4	8.61	70
1WT - lithium vs. 4.2b4 TM 2b5 TM - lithium	0.1824	0.2521	-0.06975	0.07587	4	4	1.3	82
1WT - lithium vs. 5WT - placebo	0.1824	0.2008	0.01841	0.07587	4	4	0.3432	82
1WT - lithium vs. 5.2b4 TM 2b5 TM - placebo	0.1824	0.1599	0.02242	0.07587	4	4	0.4179	82
1WT - lithium vs. 5WT - lithium	0.1824	0.929	-0.7467	0.05684	4	4	18.58	70
1WT - lithium vs. 5.2b4 TM 2b5 TM - lithium	0.1824	0.3769	-0.1946	0.07587	4	4	3.627	82
1WT - lithium vs. 6WT - placebo	0.1824	0.1552	0.02716	0.07587	4	4	0.5063	82
1WT - lithium vs. 6.2b4 TM 2b5 TM - placebo	0.1824	0.1651	0.02128	0.07587	4	4	0.312	82
1WT - lithium vs. 6WT - lithium	0.1824	1.234	-1.052	0.05684	4	4	26.17	70
1WT - lithium vs. 6.2b4 TM 2b5 TM - lithium	0.1824	0.4701	-0.2878	0.07587	4	4	5.384	82
1WT - lithium vs. 7WT - placebo	0.1824	0.192	-0.00962	0.07587	4	4	0.1793	82
1WT - lithium vs. 7.2b4 TM 2b5 TM - placebo	0.1824	0.1614	0.02096	0.07587	4	4	0.3907	82
1WT - lithium vs. 7WT - lithium	0.1824	1.441	-1.259	0.05684	4	4	31.32	70
1WT - lithium vs. 7.2b4 TM 2b5 TM - lithium	0.1824	0.7135	-0.5311	0.07981	4	3	9.411	82
1.2b4 TM 2b5 TM - lithium vs. 2WT - placebo	0.1436	0.1706	-0.02697	0.07981	3	4	0.4779	82
1.2b4 TM 2b5 TM - lithium vs. 2.2b4 TM 2b5 TM - placebo	0.1436	0.1702	-0.02655	0.07981	3	4	0.4704	82
1.2b4 TM 2b5 TM - lithium vs. 2WT - lithium	0.1436	0.2436	-0.09999	0.07981	3	4	1.772	82
1.2b4 TM 2b5 TM - lithium vs. 2.2b4 TM 2b5 TM - lithium	0.1436	0.144	-0.004042	0.062	3	4	0.01004	70
1.2b4 TM 2b5 TM - lithium vs. 3WT - placebo	0.1436	0.1396	0.003967	0.07981	3	4	0.0208	82
1.2b4 TM 2b5 TM - lithium vs. 3.2b4 TM 2b5 TM - placebo	0.1436	0.1319	0.01173	0.07981	3	4	0.2079	82
1.2b4 TM 2b5 TM - lithium vs. 3WT - lithium	0.1436	0.308	-0.1644	0.07981	3	4	2.914	82
1.2b4 TM 2b5 TM - lithium vs. 3.2b4 TM 2b5 TM - lithium	0.1436	0.1628	-0.01915	0.062	3	4	0.4367	70
1.2b4 TM 2b5 TM - lithium vs. 4WT - placebo	0.1436	0.1494	-0.002755	0.07981	3	4	0.102	82
1.2b4 TM 2b5 TM - lithium vs. 4.2b4 TM 2b5 TM - placebo	0.1436	0.1542	-0.01057	0.07981	3	4	0.1872	82
1.2b4 TM 2b5 TM - lithium vs. 4WT - lithium	0.1436	0.5385	-0.3949	0.07981	3	4	6.997	82
1.2b4 TM 2b5 TM - lithium vs. 4.2b4 TM 2b5 TM - lithium	0.1436	0.2521	-0.1085	0.062	3	4	2.475	70
1.2b4 TM 2b5 TM - lithium vs. 5WT - placebo	0.1436	0.2008	-0.05717	0.07981	3	4	0.413	82
1.2b4 TM 2b5 TM - lithium vs. 5.2b4 TM 2b5 TM - placebo	0.1436	0.1599	-0.01634	0.07981	3	4	0.2896	82
1.2b4 TM 2b5 TM - lithium vs. 5WT - lithium	0.1436	0.929	-0.7854	0.07981	3	4	13.92	82
1.2b4 TM 2b5 TM - lithium vs. 5.2b4 TM 2b5 TM - lithium	0.1436	0.436	-0.2333	0.062	3	4	5.322	70
1.2b4 TM 2b5 TM - lithium vs. 6WT - placebo	0.1436	0.1552	-0.0116	0.07981	3	4	0.2058	82
1.2b4 TM 2b5 TM - lithium vs. 6.2b4 TM 2b5 TM - placebo	0.1436	0.1651	-0.02148	0.07981	3	4	0.3807	82
1.2b4 TM 2b5 TM - lithium vs. 6WT - lithium	0.1436	1.234	-1.091	0.07981	3	4	19.32	82
1.2b4 TM 2b5 TM - lithium vs. 6.2b4 TM 2b5 TM - lithium	0.1436	0.4701	-0.3355	0.062	3	4	7.448	70
1.2b4 TM 2b5 TM - lithium vs. 7WT - placebo	0.1436	0.192	-0.04838	0.07981	3	4	0.8573	82
1.2b4 TM 2b5 TM - lithium vs. 7.2b4 TM 2b5 TM - placebo	0.1436	0.1614	-0.0178	0.07981	3	4	0.3154	82
1.2b4 TM 2b5 TM - lithium vs. 7WT - lithium	0.1436	1.441	-1.298	0.07981	3	4	22.99	82
1.2b4 TM 2b5 TM - lithium vs. 7.2b4 TM 2b5 TM - lithium	0.1436	0.7135	-0.4699	0.06719	3	3	12	70
2WT - placebo vs. 2.2b4 TM 2b5 TM - placebo	0.1706	0.1702	0.0004225	0.07587	4	4	0.007875	82
2WT - placebo vs. 2WT - lithium	0.1706	0.2436	-0.07302	0.07587	4	4	1.361	82
2WT - placebo vs. 2.2b4 TM 2b5 TM - lithium	0.1706	0.144	0.02653	0.07587	4	4	0.4946	82
2WT - placebo vs. 3WT - placebo	0.1706	0.1396	0.03094	0.05684	4	4	0.7658	70
2WT - placebo vs. 3.2b4 TM 2b5 TM - placebo	0.1706	0.1319	0.0					

3WT - placebo vs. 3.2b4 [™] 2b5 [™] - placebo	0.1396	0.1319	0.007767	0.07587	4	4	0.1448 82
3WT - placebo vs. 3WT - lithium	0.1396	0.308	-0.1684	0.07587	4	4	3.139 82
3WT - placebo vs. 3.2b4 [™] 2b5 [™] - lithium	0.1396	0.1628	-0.02311	0.07587	4	4	4.0308 82
3WT - placebo vs. 4WT - placebo	0.1396	0.1494	-0.009722	0.05684	4	4	0.2419 70
3WT - placebo vs. 4.2b4 [™] 2b5 [™] - placebo	0.1396	0.1542	-0.01453	0.07587	4	4	0.2709 82
3WT - placebo vs. 4WT - lithium	0.1396	0.5385	-0.3988	0.07587	4	4	7.434 82
3WT - placebo vs. 4.2b4 [™] 2b5 [™] - lithium	0.1396	0.2521	-0.1125	0.07587	4	4	2.096 82
3WT - placebo vs. 5WT - placebo	0.1396	0.0008	-0.06114	0.05684	4	4	1.521 70
3WT - placebo vs. 5.2b4 [™] 2b5 [™] - placebo	0.1396	0.1594	-0.02021	0.07587	4	4	0.3786 82
3WT - placebo vs. 5WT - lithium	0.1396	0.929	-0.7894	0.07587	4	4	14.71 82
3WT - placebo vs. 5.2b4 [™] 2b5 [™] - lithium	0.1396	0.3769	-0.2373	0.07587	4	4	4.423 82
3WT - placebo vs. 6WT - placebo	0.1396	0.252	-0.01556	0.05684	4	4	0.3873 70
3WT - placebo vs. 6.2b4 [™] 2b5 [™] - placebo	0.1396	0.1651	-0.02545	0.07587	4	4	0.4744 82
3WT - placebo vs. 6WT - lithium	0.1396	1.234	-1.095	0.07587	4	4	20.4 82
3WT - placebo vs. 6.2b4 [™] 2b5 [™] - lithium	0.1396	0.4701	-0.3305	0.07587	4	4	6.161 82
3WT - placebo vs. 7WT - placebo	0.1396	0.1192	-0.05325	0.05684	4	4	1.803 70
3WT - placebo vs. 7.2b4 [™] 2b5 [™] - placebo	0.1396	0.1614	-0.02177	0.07587	4	4	0.4057 82
3WT - placebo vs. 7WT - lithium	0.1396	1.441	-1.302	0.07587	4	4	24.26 82
3WT - placebo vs. 7.2b4 [™] 2b5 [™] - lithium	0.1396	0.7135	-0.5738	0.07981	4	3	10.57 82
3.2b4 [™] 2b5 [™] - placebo vs. 3WT - lithium	0.1319	0.308	-0.1762	0.07587	4	4	3.284 82
3.2b4 [™] 2b5 [™] - placebo vs. 3.2b4 [™] 2b5 [™] - lithium	0.1319	0.1628	-0.03088	0.07587	4	4	0.5756 82
3.2b4 [™] 2b5 [™] - placebo vs. 4WT - placebo	0.1319	0.1494	-0.01749	0.07587	4	4	0.336 82
3.2b4 [™] 2b5 [™] - placebo vs. 4.2b4 [™] 2b5 [™] - placebo	0.1319	0.1542	-0.0233	0.05684	4	4	0.5549 70
3.2b4 [™] 2b5 [™] - placebo vs. 4WT - lithium	0.1319	0.5385	-0.4066	0.07587	4	4	7.579 82
3.2b4 [™] 2b5 [™] - placebo vs. 4.2b4 [™] 2b5 [™] - lithium	0.1319	0.2521	-0.1202	0.07587	4	4	2.241 82
3.2b4 [™] 2b5 [™] - placebo vs. 5WT - placebo	0.1319	0.0008	-0.06891	0.07587	4	4	1.284 82
3.2b4 [™] 2b5 [™] - placebo vs. 5.2b4 [™] 2b5 [™] - placebo	0.1319	0.1599	-0.09808	0.05684	4	4	0.6986 70
3.2b4 [™] 2b5 [™] - placebo vs. 5WT - lithium	0.1319	0.929	-0.7972	0.07587	4	4	14.86 82
3.2b4 [™] 2b5 [™] - placebo vs. 5.2b4 [™] 2b5 [™] - lithium	0.1319	0.3769	-0.2451	0.07587	4	4	4.568 82
3.2b4 [™] 2b5 [™] - placebo vs. 6WT - placebo	0.1319	0.1552	-0.02333	0.07587	4	4	0.4349 82
3.2b4 [™] 2b5 [™] - placebo vs. 6.2b4 [™] 2b5 [™] - placebo	0.1319	0.1651	-0.03322	0.05684	4	4	0.8366 70
3.2b4 [™] 2b5 [™] - placebo vs. 6WT - lithium	0.1319	1.234	-1.102	0.07587	4	4	20.55 82
3.2b4 [™] 2b5 [™] - placebo vs. 6.2b4 [™] 2b5 [™] - lithium	0.1319	0.4701	-0.3383	0.07587	4	4	6.305 82
3.2b4 [™] 2b5 [™] - placebo vs. 7WT - placebo	0.1319	0.1192	-0.06011	0.07587	4	4	1.121 82
3.2b4 [™] 2b5 [™] - placebo vs. 7.2b4 [™] 2b5 [™] - placebo	0.1319	0.1614	-0.02953	0.05684	4	4	0.7349 70
3.2b4 [™] 2b5 [™] - placebo vs. 7WT - lithium	0.1319	1.441	-1.309	0.07587	4	4	24.41 82
3.2b4 [™] 2b5 [™] - placebo vs. 7.2b4 [™] 2b5 [™] - lithium	0.1319	0.7135	-0.5816	0.07981	4	3	10.31 82
3WT - lithium vs. 3.2b4 [™] 2b5 [™] - lithium	0.308	0.1628	0.1453	0.07587	4	4	2.708 82
3WT - lithium vs. 4WT - placebo	0.308	0.1494	0.1587	0.07587	4	4	2.958 82
3WT - lithium vs. 4.2b4 [™] 2b5 [™] - placebo	0.308	0.1542	0.1539	0.07587	4	4	2.868 82
3WT - lithium vs. 4WT - lithium	0.308	0.5385	-0.3304	0.05684	4	4	5.734 70
3WT - lithium vs. 4.2b4 [™] 2b5 [™] - lithium	0.308	0.2521	-0.05594	0.07587	4	4	1.043 82
3WT - lithium vs. 5WT - placebo	0.308	0.0008	0.1073	0.07587	4	4	1.999 82
3WT - lithium vs. 5.2b4 [™] 2b5 [™] - placebo	0.308	0.1599	0.1481	0.07587	4	4	2.761 82
3WT - lithium vs. 5WT - lithium	0.308	0.929	-0.621	0.05684	4	4	15.45 70
3WT - lithium vs. 5.2b4 [™] 2b5 [™] - lithium	0.308	0.3769	-0.06888	0.07587	4	4	1.284 82
3WT - lithium vs. 6WT - placebo	0.308	0.1552	0.1528	0.07587	4	4	2.849 82
3WT - lithium vs. 6.2b4 [™] 2b5 [™] - placebo	0.308	0.1651	0.145	0.07587	4	4	2.665 82
3WT - lithium vs. 6WT - lithium	0.308	1.234	-0.9261	0.05684	4	4	23.04 70
3WT - lithium vs. 6.2b4 [™] 2b5 [™] - lithium	0.308	0.4701	-0.1621	0.07587	4	4	3.021 82
3WT - lithium vs. 7WT - placebo	0.308	0.1192	0.1161	0.07587	4	4	2.163 82
3WT - lithium vs. 7.2b4 [™] 2b5 [™] - placebo	0.308	0.1614	0.1466	0.07587	4	4	2.732 82
3WT - lithium vs. 7WT - lithium	0.308	1.441	-1.133	0.05684	4	4	28.2 70
3WT - lithium vs. 7.2b4 [™] 2b5 [™] - lithium	0.308	0.7135	-0.4054	0.07981	4	3	7.184 82
3.2b4 [™] 2b5 [™] - lithium vs. 4WT - placebo	0.1628	0.1494	0.1339	0.07587	4	4	0.2496 82
3.2b4 [™] 2b5 [™] - lithium vs. 4.2b4 [™] 2b5 [™] - placebo	0.1628	0.1542	0.1559	0.07587	4	4	0.1559 82
3.2b4 [™] 2b5 [™] - lithium vs. 4WT - lithium	0.1628	0.5385	-0.3757	0.07587	4	4	7.004 82
3.2b4 [™] 2b5 [™] - lithium vs. 4.2b4 [™] 2b5 [™] - lithium	0.1628	0.2521	-0.08936	0.05684	4	4	2.223 70
3.2b4 [™] 2b5 [™] - lithium vs. 5WT - placebo	0.1628	0.0008	-0.08803	0.07587	4	4	0.7088 82
3.2b4 [™] 2b5 [™] - lithium vs. 5.2b4 [™] 2b5 [™] - placebo	0.1628	0.1599	0.002803	0.07587	4	4	0.05236 82
3.2b4 [™] 2b5 [™] - lithium vs. 5WT - lithium	0.1628	0.929	-0.7663	0.07587	4	4	14.28 82
3.2b4 [™] 2b5 [™] - lithium vs. 5.2b4 [™] 2b5 [™] - lithium	0.1628	0.3769	-0.1242	0.05684	4	4	5.329 70
3.2b4 [™] 2b5 [™] - lithium vs. 6WT - placebo	0.1628	0.1552	0.140795	0.07587	4	4	0.4507 82
3.2b4 [™] 2b5 [™] - lithium vs. 6.2b4 [™] 2b5 [™] - placebo	0.1628	0.1651	-0.002338	0.07587	4	4	0.04358 82
3.2b4 [™] 2b5 [™] - lithium vs. 6WT - lithium	0.1628	1.234	-1.071	0.07587	4	4	19.97 82
3.2b4 [™] 2b5 [™] - lithium vs. 6.2b4 [™] 2b5 [™] - lithium	0.1628	0.4701	-0.3074	0.05684	4	4	7.649 70
3.2b4 [™] 2b5 [™] - lithium vs. 7WT - placebo	0.1628	0.1192	-0.03923	0.07587	4	4	0.5449 82
3.2b4 [™] 2b5 [™] - lithium vs. 7.2b4 [™] 2b5 [™] - placebo	0.1628	0.1614	0.001347	0.07587	4	4	0.02511 82
3.2b4 [™] 2b5 [™] - lithium vs. 7WT - lithium	0.1628	1.441	-1.279	0.07587	4	4	23.83 82
3.2b4 [™] 2b5 [™] - lithium vs. 7.2b4 [™] 2b5 [™] - lithium	0.1628	0.7135	-0.5007	0.062	4	3	12.56 70
4WT - placebo vs. 4.2b4 [™] 2b5 [™] - placebo	0.1494	0.1542	-0.008611	0.07587	4	4	0.08969 82
4WT - placebo vs. 4WT - lithium	0.1494	0.5385	-0.3891	0.07587	4	4	7.253 82
4WT - placebo vs. 4.2b4 [™] 2b5 [™] - lithium	0.1494	0.2521	-0.1028	0.07587	4	4	1.915 82
4WT - placebo vs. 5WT - placebo	0.1494	0.0008	-0.05142	0.05684	4	4	1.279 70
4WT - placebo vs. 5.2b4 [™] 2b5 [™] - placebo	0.1494	0.1599	-0.051059	0.07587	4	4	0.1574 82
4WT - placebo vs. 5WT - lithium	0.1494	0.929	-0.7797	0.07587	4	4	14.53 82
4WT - placebo vs. 5.2b4 [™] 2b5 [™] - lithium	0.1494	0.3769	-0.2276	0.07587	4	4	4.242 82
4WT - placebo vs. 6WT - placebo	0.1494	0.1552	-0.005849	0.05684	4	4	0.1454 70
4WT - placebo vs. 6.2b4 [™] 2b5 [™] - placebo	0.1494	0.1651	-0.01573	0.07587	4	4	0.2932 82
4WT - placebo vs. 6WT - lithium	0.1494	1.234	-1.085	0.07587	4	4	20.22 82
4WT - placebo vs. 6.2b4 [™] 2b5 [™] - lithium	0.1494	0.4701	-0.308	0.07587	4	4	5.979 82
4WT - placebo vs. 7WT - placebo	0.1494	0.1192	-0.04263	0.05684	4	4	1.061 70
4WT - placebo vs. 7.2b4 [™] 2b5 [™] - placebo	0.1494	0.1614	0.01205	0.07587	4	4	0.02245 82
4WT - placebo vs. 7WT - lithium	0.1494	1.441	-1.292	0.07587	4	4	24.08 82
4WT - placebo vs. 7.2b4 [™] 2b5 [™] - lithium	0.1494	0.7135	-0.5641	0.07981	4	3	9.986 82
4.2b4 [™] 2b5 [™] - placebo vs. 4WT - lithium	0.1542	0.5385	-0.3843	0.07587	4	4	7.163 82
4.2b4 [™] 2b5 [™] - placebo vs. 4.2b4 [™] 2b5 [™] - lithium	0.1542	0.2521	-0.09794	0.07587	4	4	1.836 82
4.2b4 [™] 2b5 [™] - placebo vs. 5WT - placebo	0.1542	0.0008	-0.08661	0.07587	4	4	0.3658 82
4.2b4 [™] 2b5 [™] - placebo vs. 5.2b4 [™] 2b5 [™] - placebo	0.1542	0.1599	-0.005777	0.05684	4	4	0.1438 70
4.2b4 [™] 2b5 [™] - placebo vs. 5WT - lithium	0.1542	0.929	-0.7749	0.07587	4	4	14.44 82
4.2b4 [™] 2b5 [™] - placebo vs. 5.2b4 [™] 2b5 [™] - lithium	0.1542	0.3769	-0.2228	0.07587	4	4	4.152 82
4.2b4 [™] 2b5 [™] - placebo vs. 6WT - placebo	0.1542	0.1552	-0.01031	0.07587	4	4	0.01032 82
4.2b4 [™] 2b5 [™] - placebo vs. 6.2b4 [™] 2b5 [™] - placebo	0.1542	0.1651	-0.01092	0.05684	4	4	0.2717 70
4.2b4 [™] 2b5 [™] - placebo vs. 6WT - lithium	0.1542	1.234	-1.08	0.07587	4	4	20.13 82
4.2b4 [™] 2b5 [™] - placebo vs. 6.2b4 [™] 2b5 [™] - lithium	0.1542	0.4701	-0.316	0.07587	4	4	5.89 82
4.2b4 [™] 2b5 [™] - placebo vs. 7WT - placebo	0.1542	0.1192	-0.03781	0.07587	4	4	0.7048 82
4.2b4 [™] 2b5 [™] - placebo vs. 7.2b4 [™] 2b5 [™] - placebo	0.1542	0.1614	-0.007234	0.05684	4	4	0.18 70
4.2b4 [™] 2b5 [™] - placebo vs. 7WT - lithium	0.1542	1.441	-1.287	0.07587	4	4	23.99 82
4.2b4 [™] 2b5 [™] - placebo vs. 7.2b4 [™] 2b5 [™] - lithium	0.1542	0.7135	-0.5093	0.07981	4	3	9.91 82
4WT - lithium vs. 4.2b4 [™] 2b5 [™] - lithium	0.5385	0.2521	0.2864	0.07587	4	4	5.338 82
4WT - lithium vs. 5WT - placebo	0.5385	0.0008	0.3377	0.07587	4	4	6.295 82
4WT - lithium vs. 5.2b4 [™] 2b5 [™] - placebo	0.5385	0.1599	0.1785	0.07587	4	4	7.056 82
4WT - lithium vs. 5WT - lithium	0.5385	0.929	-0.906	0.05684	4	4	9.738 70
4WT - lithium vs. 5.2b4 [™] 2b5 [™] - lithium	0.5385	0.3769	0.1616	0.07587	4	4	3.051 82
4WT - lithium vs. 6WT - placebo	0.5385	0.1552	0.3833	0.07587	4	4	7.144 82
4WT - lithium vs. 6.2b4 [™] 2b5 [™] - placebo	0.5385	0.1651	0.3734	0.07587	4	4	6.96 82
4WT - lithium vs. 6WT - lithium	0.5385	1.234	-1.0957	0.05684	4	4	17.31 70
4WT - lithium vs. 6.2b4 [™] 2b5 [™] - lithium	0.5385	0.4701	0.06833	0.07587	4	4	1.274 82
4WT - lithium vs. 7WT - placebo	0.5385	0.1192	0.3465	0.07587	4	4	6.459 82
4WT - lithium vs. 7.2b4 [™] 2b5 [™] - placebo	0.5385	0.1614	0.3771	0.07587	4	4	7.039 82
4WT - lithium vs. 7WT - lithium	0.5385	1.441	-0.9028	0.05684	4	4	22.46 70
4WT - lithium vs. 7.2b4 [™] 2b5 [™] - lithium	0.5385	0.7135	-0.175	0.07981	4	3	3.101 82
4.2b4 [™] 2b5 [™] -							

Figure 4					
Table Analyzed	Active b-catenin WT plac vs VWM plac	Basic test parameter: WT-VWM differences			
Unpaired t test		0,3659			
P value	ns				
P value summary					
One- or two-tailed P value?	One-tailed				
t, df	t=0,3626, df=5				
Mean WT		1,196			
Mean VWM		1,138			
95% confidence interval	-0,4623 to 0,3480				
Table Analyzed	Active b-catenin all groups	Treatment effects in WT and VWM animals			
Two-way ANOVA	Ordinary	0,05			
Alpha					
Source of Variation	% of total variation	P value	P value summary	Significant?	
Interaction		9,981	0,298 ns	No	
Genotype		3,09	0,5549 ns	No	
Treatment		3,09	0,5549 ns	No	
Table Analyzed	Ephb WT plac vs VWM plac	Basic test parameter: WT-VWM differences			
Mann Whitney test		0,3497			
P value	Exact				
Exact or approximate P value?	ns				
P value summary					
One- or two-tailed P value?	Two-tailed				
Sum of ranks in column A,B	46 , 59				
Mann-Whitney U		23			
Difference between medians					
Median WT	0,03719, n=6				
Median VWM	0,03094, n=8				
Difference: Actual		-0,006254			
Difference: Hodges-Lehmann		-0,002647			
Table Analyzed	Ephb all groups	Treatment effects in WT and VWM animals			
Two-way ANOVA	Ordinary	0,05			
Alpha					
Source of Variation	% of total variation	P value	P value summary	Significant?	
Interaction		0,001155	0,9867 ns	No	
Genotype		0,00857	0,9833 ns	No	
Treatment		1,661	0,5303 ns	No	
Table Analyzed	Sox9 WT plac vs VWM plac	Basic test parameter: WT-VWM differences			
Mann Whitney test		0,2345			
P value	Exact				
Exact or approximate P value?	ns				
P value summary					
One- or two-tailed P value?	Two-tailed				
Sum of ranks in column A,B	56 , 80				
Mann-Whitney U		20			
Difference between medians					
Median WT	0,4122, n=8				
Median VWM	0,7566, n=8				
Difference: Actual		0,3444			
Difference: Hodges-Lehmann		0,3887			
Table Analyzed	Sox9 all groups	Treatment effects in WT and VWM animals			
Two-way ANOVA	Ordinary	0,05			
Alpha					
Source of Variation	% of total variation	P value	P value summary	Significant?	
Interaction		1,14	0,5542 ns	No	
Genotype		8,114	0,1215 ns	No	
Treatment		1,661	0,476 ns	No	
Table Analyzed	Axin2 WT plac vs VWM plac	Basic test parameter: WT-VWM differences			
Mann Whitney test		0,7984			
P value	Exact				
Exact or approximate P value?	ns				
P value summary					
One- or two-tailed P value?	Two-tailed				
Sum of ranks in column A,B	65 , 71				
Mann-Whitney U		29			
Difference between medians					
Median WT	0,05794, n=8				
Median VWM	0,06222, n=8				
Difference: Actual		0,004273			
Difference: Hodges-Lehmann		0,01266			
Table Analyzed	Axin2 all groups	Treatment effects in WT and VWM animals			
Two-way ANOVA	Ordinary	0,05			
Alpha					
Source of Variation	% of total variation	P value	P value summary	Significant?	
Interaction		0,9327	0,6075 ns	No	
Genotype		0,1109	0,8591 ns	No	
Treatment		2,176	0,4342 ns	No	
Figure 5					
Table Analyzed	rel. p-eIF2a WT-plac vs VWM-plac	Basic test parameter: WT-VWM differences			
Mann Whitney test					
P value	<0,0001				
Exact or approximate P value?	Exact				
P value summary	****				
One- or two-tailed P value?	One-tailed				
Sum of ranks in column A,B	100 , 36				
Mann-Whitney U		0			
Median WT	0,03143, n=8				
Median VWM	0,01099, n=8				
Difference: Actual		-0,02044			
Difference: Hodges-Lehmann		-0,02051			
Table Analyzed	WT treatment rel. p-eIF2a	Basic test parameter: Treatment effect in WT animals			
Unpaired t test		0,3193			
P value	ns				
P value summary					
One- or two-tailed P value?	One-tailed				
t, df	t=0,4801, df=14				
Mean of placebo		0,03308			
Mean of lithium		0,03383			
95% confidence interval	-0,009529 to 0,01503				
Table Analyzed	VWM treatment rel. p-eIF2a	Treatment effects in VWM animals			
Unpaired t test		0,1087			
P value	ns				
P value summary					
One- or two-tailed P value?	One-tailed				
t, df	t=1,297, df=13				
Mean of placebo		0,01041			
Mean of lithium		0,0126			
95% confidence interval	-0,001459 to 0,005840				
Table Analyzed	Chop WT-plac vs VWM-plac	Basic test parameter: WT-VWM differences			
Mann Whitney test		0,0074			
P value	Exact				
Exact or approximate P value?	**				
P value summary					
One- or two-tailed P value?	One-tailed				
Sum of ranks in column A,B	45 , 91				
Mann-Whitney U		9			
Median WT	1,973, n=8				
Median VWM	4,167, n=8				
Difference: Actual		2,194			
Difference: Hodges-Lehmann		2,341			
Table Analyzed	WT treatment Chop	Basic test parameter: Treatment effect in WT animals			
Unpaired t test		0,0071			
P value	**				
P value summary					
One- or two-tailed P value?	One-tailed				
t, df	t=2,801, df=14				
Mean placebo		1,514			
Mean lithium		3,838			
95% confidence interval	0,4510 to 3,397				
Table Analyzed	VWM treatment Chop	Treatment effects in VWM animals			
Mann Whitney test		0,1393			
P value	Exact				
Exact or approximate P value?	ns				
P value summary					
One- or two-tailed P value?	One-tailed				
Sum of ranks in column A,B	57 , 79				
Mann-Whitney U		21			
Median placebo					
Median lithium	4,167, n=8				
Difference: Actual	8,070, n=8				
Difference: Hodges-Lehmann		3,903			
		2,372			
Table Analyzed	EIf4ebp1 WT-plac vs VWM-plac	Basic test parameter: WT-VWM differences			
Mann Whitney test					
P value	<0,0001				
Exact or approximate P value?	Exact				
P value summary	****				
One- or two-tailed P value?	One-tailed				
Sum of ranks in column A,B	36 , 100				
Mann-Whitney U		0			
Median WT	0,07875, n=8				
Median VWM	0,7327, n=8				
Difference: Actual		0,6539			
Difference: Hodges-Lehmann		0,6385			
Table Analyzed	WT treatment EIf4ebp1	Basic test parameter: Treatment effect in WT animals			
Unpaired t test		0,0749			
P value	ns				
P value summary					
One- or two-tailed P value?	One-tailed				
t, df	t=1,524, df=14				
Mean placebo		0,0879			
Mean lithium		0,1499			
95% confidence interval	-0,02525 to 0,1493				
Table Analyzed	VWM treatment_EIf4ebp1	Treatment effects in VWM animals			
Unpaired t test		0,0802			
P value	ns				
P value summary					
One- or two-tailed P value?	One-tailed				
t, df	t=1,482, df=14				
Mean placebo		1,532			
Mean lithium		3,226			
95% confidence interval	-0,7568 to 4,145				
Table Analyzed	GADD34 WT-plac vs VWM plac	Basic test parameter: WT-VWM differences			
Mann Whitney test		0,0141			
P value	Exact				
Exact or approximate P value?	*				
P value summary					
One- or two-tailed P value?	One-tailed				
Sum of ranks in column A,B	47 , 89				
Mann-Whitney U		11			
Median WT	0,4045, n=8				
Median VWM	0,7020, n=8				
Difference: Actual		0,2975			
Difference: Hodges-Lehmann		0,2449			
Table Analyzed	WT treatment GADD34	Basic test parameter: Treatment effect in WT animals			
Unpaired t test		0,061			
P value	ns				
P value summary					
One- or two-tailed P value?	One-tailed				
t, df	t=1,646, df=14				
Mean placebo		0,5026			
Mean lithium		0,8763			
95% confidence interval	-0,1133 to 0,8608				

Table Analyzed	VWM treatment GADD34	Treatment effects in VWM animals
Mann-Whitney test		0,0035
P value		
Exact or approximate P value?	Exact	
P value summary	**	
One- or two-tailed P value?	One-tailed	
Sum of ranks in column A,B	43 , 93	
Mann-Whitney U		7
Difference between medians		
Mean placebo	0,7020, n=8	
Mean lithium	1,270, n=8	
Difference: Actual		0,5681
Difference: Hodges-Lehmann		0,5333
Table Analyzed	Nupr WT-plac vs VWM-plac	Basic test parameter: WT-VWM differences
Mann-Whitney test		
P value	<0,0001	
Exact or approximate P value?	Exact	
P value summary	****	
One- or two-tailed P value?	One-tailed	
Sum of ranks in column A,B	36 , 100	
Mann-Whitney U		0
Median WT		
Median VWM	13,36, n=8	1,468, n=8
Difference: Actual		11,9
Difference: Hodges-Lehmann		11,84
Table Analyzed	WT treatment Nupr	Basic test parameter: Treatment effect in WT animals
Unpaired t test		
P value		0,0949
P value summary	ns	
One- or two-tailed P value?	One-tailed	
t, df	t=1,378, df=14	
Mean of placebo		1,642
Mean of lithium		2,493
95% confidence interval	-0,4729 to 2,174	
Table Analyzed	VWM treatment Nupr	Treatment effects in VWM animals
Mann-Whitney test		
P value	Exact	0,0524
Exact or approximate P value?	ns	
P value summary	One-tailed	
One- or two-tailed P value?	52 , 84	
Sum of ranks in column A,B		16
Mann-Whitney U		
Median placebo	13,36, n=8	
Median lithium	24,52, n=8	
Difference: Actual		11,16
Difference: Hodges-Lehmann		8,917
Table Analyzed	SLC7a3 WT-plac vs VWM-plac	Basic test parameter: WT-VWM differences
Unpaired t test		
P value	<0,0001	
P value summary	****	
One- or two-tailed P value?	One-tailed	
t, df	t=6,594, df=14	
Mean WT		0,3955
Mean VWM		1,37
95% confidence interval	0,6576 to 1,292	
Table Analyzed	WT treatment SLC7a3	Basic test parameter: Treatment effect in WT animals
Unpaired t test		
P value	*	0,0403
P value summary	One-tailed	
One- or two-tailed P value?	t=1,883, df=14	
t, df		
Mean placebo		0,3955
Mean lithium		0,4639
95% confidence interval	-0,009502 to 0,1464	
Table Analyzed	VWM treatment SLC7a3	Treatment effects in VWM animals
Unpaired t test		
P value	**	0,0041
P value summary	One-tailed	
One- or two-tailed P value?	t=3,073, df=14	
t, df		
Mean placebo		1,37
Mean lithium		2,414
95% confidence interval	0,3154 to 1,772	
Supplementary Figure 1		
Table Analyzed	Trib3 WT-plac vs VWM-plac	Basic test parameter: WT-VWM differences
Mann-Whitney test		
P value		0,0023
Exact or approximate P value?	Exact	
P value summary	**	
One- or two-tailed P value?	One-tailed	
Sum of ranks in column A,B	42 , 94	
Mann-Whitney U		6
Median WT	0,05583, n=8	
Median VWM	1,390, n=8	
Difference: Actual		1,334
Difference: Hodges-Lehmann		1,327
Table Analyzed	WT treatment Trib3	Basic test parameter: Treatment effect in WT animals
Unpaired t test		
P value	ns	0,1484
P value summary	One-tailed	
One- or two-tailed P value?	t=1,084, df=14	
t, df		
Mean placebo		1,471
Mean lithium		2,216
95% confidence interval	-0,7293 to 2,219	
Table Analyzed	VWM treatment Trib3	Treatment effects in VWM animals
Unpaired t test		
P value	ns	0,1433
P value summary	One-tailed	
One- or two-tailed P value?	t=1,108, df=14	
t, df		
Mean placebo		0,05908
Mean lithium		0,09198
95% confidence interval	-0,03078 to 0,09657	
Table Analyzed	SLC3a2 WT-plac vs VWM-plac	Basic test parameter: WT-VWM differences
Mann-Whitney test		
P value		0,0052
Exact or approximate P value?	Exact	
P value summary	**	
One- or two-tailed P value?	One-tailed	
Sum of ranks in column A,B	44 , 92	
Mann-Whitney U		8
Median WT	3,059, n=8	
Median VWM	10,21, n=8	
Difference: Actual		7,151
Difference: Hodges-Lehmann		6,919
Table Analyzed	WT treatment SLC3a2	Basic test parameter: Treatment effect in WT animals
Unpaired t test		
P value	ns	0,3628
P value summary	One-tailed	
One- or two-tailed P value?	t=0,3982, df=14	
t, df		
Mean placebo		3,069
Mean lithium		3,327
95% confidence interval	-1,288 to 1,804	
Table Analyzed	VWM treatment SLC3a2	Treatment effects in VWM animals
Unpaired t test		
P value	ns	0,2467
P value summary	One-tailed	
One- or two-tailed P value?	t=0,7034, df=14	
t, df		
Mean placebo		9,715
Mean lithium		11,23
95% confidence interval	-3,107 to 6,140	
Table Analyzed	Psat1 WT-plac vs VWM-plac	Basic test parameter: WT-VWM differences
Unpaired t test		
P value	**	0,009
P value summary	One-tailed	
One- or two-tailed P value?	t=2,678, df=14	
t, df		
Mean WT		3,931
Mean VWM		8,508
95% confidence interval	0,9114 to 8,242	
Table Analyzed	WT treatment Psat1	Basic test parameter: Treatment effect in WT animals
Unpaired t test		
P value	ns	0,0937
P value summary	One-tailed	
One- or two-tailed P value?	t=1,386, df=14	
t, df		
Mean placebo		3,931
Mean lithium		5,399
95% confidence interval	-0,8036 to 3,739	
Table Analyzed	VWM treatment Psat1	Treatment effects in VWM animals
Mann-Whitney test		
P value	Exact	0,3227
Exact or approximate P value?	ns	
P value summary	One-tailed	
One- or two-tailed P value?	63 , 73	
Sum of ranks in column A,B		27
Mann-Whitney U		
Median placebo	8,333, n=8	
Median lithium	9,522, n=8	
Difference: Actual		1,189
Difference: Hodges-Lehmann		1,342