Table format: **Grouped**		Group A									
		Vehicle									
		A:1	A:2	A:3	A:4	A:5	A:6	A:7	B:1	B:2	B:3
1	basal	6.730344575	7.237236794	6.588950242	5.903712965	6.061431	6.297532		4.601848434	7.013451701	7.266107144
2	10 min	7.422154656	6.837528057	5.491049755	5.057025920	5.383152	6.694866		5.059442191	5.622015481	6.207433262
3	20 min	10.387715490	11.206048810	11.686608500	11.251363820	9.456820	13.679440		8.054157161	9.129958227	11.161942410
4	30 min	10.132064940	10.793771000	10.880233310	12.239354480	8.153055	13.551590		8.454972192	10.967337670	13.218709670
5	40 min	11.641262800	10.404422320	11.217780390	10.317381230	8.874003	14.608340		8.445402612	10.566393090	13.757724690

	Group B			
	SNAP-94847			
	B:4	B:5	B:6	B:7
1	6.299310368	5.837252989	6.384298771	
2	4.617720748	5.966619234	5.020552944	
3	10.680559300	8.986171793	12.578081420	
4	10.032357550	10.155270900	11.973675260	
5	12.564506790	10.960485160	12.241340690	

Table format: **Grouped**		Group A									
		Vehicle									
		A:1	A:2	A:3	A:4	A:5	A:6	A:7	B:1	B:2	B:3
1	basal	105.051840	70.76019583	87.5315625	97.01307738	87.016700	75.52033		98.7486400	78.3018500	95.228890
2	10 min	118.742000	74.67470000	88.7251000	102.54000000	119.549300	80.16168		110.2743500	69.2480000	94.684700
3	20 min	166.609000	131.87662500	154.9921667	185.85450000	158.682000	148.75080		169.8550833	162.9522500	167.014500
4	30 min	145.268000	117.76200000	156.3209167	183.79200000	199.289000	149.07280		161.6435000	164.8213333	165.878000
5	40 min	132.223000	127.02066670	148.7503333	180.13150000	182.554500	156.09230		166.6660000	150.2542778	156.140500

	Group B			
	SNAP-94847			
	B:4	B:5	B:6	B:7
1	82.98251667	89.30070000	70.7905250	
2	92.04210000	68.24631667	75.1521000	
3	142.75225000	144.08463330	169.5687500	
4	143.85450000	149.23850000	166.5961333	
5	170.46300000	155.17512500	164.1030000	

Table format: **Grouped**		Group A									
		Vehicle									
		A:1	A:2	A:3	A:4	A:5	A:6	A:7	B:1	B:2	B:3
1	basal	694.6152237	511.4726241	561.0139736	574.3890748	527.148300	471.074500		453.9199568	548.3866275	687.4585768
2	10 min	881.0009862	510.5903564	487.1939386	518.5474379	642.622700	537.268800		557.9266990	389.3133280	587.7489562
3	20 min	1730.6868890	1476.5656350	1810.3656430	2093.8307100	1501.647000	2035.254000		1367.7798620	1490.9845520	1866.8672010
4	30 min	1471.8648090	1278.8148710	1700.9888440	2249.4427550	1624.814000	2020.259000		1364.4112360	1807.1628250	2192.6931230
5	40 min	1539.2426910	1321.5766590	1672.7580830	1869.7819540	1619.989000	2279.903000		1405.0807100	1587.5949030	2145.9909510

	Group B				Group C						
	SNAP-94847				Data Set-C						
	B:4	B:5	B:6	B:7	C:1	C:2	C:3	C:4	C:5	C:6	C:7
1	522.1989405	521.6025504	451.8050345								
2	425.0247149	407.8672551	377.3050969								
3	1524.6937880	1299.2964590	2134.1219820								
4	1443.1997790	1519.1005380	1998.6387980								
5	2140.6554210	1696.3643710	2010.5878840								

Table format: **Grouped**		Group A									
		Vehicle									
		A:1	A:2	A:3	A:4	A:5	A:6	A:7	B:1	B:2	B:3
1	basal	6.664807822	7.05330051	6.391275041	5.817334988	5.602212	7.425954		4.568628745	6.722366331	6.942280702
2	7%CO_2	11.373487880	12.32670721	10.713452150	10.591611470	9.257656	12.953090		8.119297625	10.785056920	13.626611820

	Group B			
	SNAP-94847			
	B:4	B:5	B:6	B:7
1	6.400785536	5.762818399	5.861524698	
2	11.136600680	10.058810840	10.943138060	

Table format: **Grouped**		Group A						Group B			
		Vehicle						SNAP-94847			
		A:1	A:2	A:3	A:4	A:5	A:6	B:1	B:2	B:3	B:4
1	basal	89.6164375	69.73891111	71.00303667	87.2561900	97.15008	61.25934	92.434322220	70.18395714	83.93145278	60.1012650
2	7%CO_2	147.9287500	130.08075000	141.49750000	163.2838333	165.62440	139.21770	164.144111100	146.06666670	156.31553330	138.8531667

	B:5	B:6
1	68.96890556	72.60880476
2	138.72216670	147.94000000

Table format: **Grouped**		Group A						Group B			
		Vehicle						SNAP-94847			
		A:1	A:2	A:3	A:4	A:5	A:6	B:1	B:2	B:3	B:4
1	basal	597.6864307	489.7734665	453.5111434	507.2053631	544.4837	455.5131	422.0036772	469.1131107	584.6522922	384.7590833
2	7%CO_2	1682.1922380	1603.8826280	1517.2282360	1730.3414290	1533.3250	1802.6440	1332.5664790	1573.5618090	2106.4161720	1548.0419760

	B:5	B:6
1	396.8446971	426.0196092
2	1398.6791050	1633.9307060

	2way ANOVA ANOVA results					
1	Table Analyzed	Vt awake				
2						
3	**Two-way ANOVA**	Ordinary				
4	Alpha	0.05				
5						
6	**Source of Variation**	**% of total variation**	**P value**	**P value summary**	**Significant?**	
7	Interaction	0.7994	0.7757	ns	No	
8	Time	76.17	<0.0001	****	Yes	
9	Treatment	0.5566	0.2711	ns	No	
10						
11	**ANOVA table**	**SS (Type III)**	**DF**	**MS**	**F (DFn, DFd)**	**P value**
12	Interaction	3.658	4	0.9144	F (4, 50) = 0.4447	P=0.7757
13	Time	348.5	4	87.13	F (4, 50) = 42.37	P<0.0001
14	Treatment	2.547	1	2.547	F (1, 50) = 1.239	P=0.2711
15	Residual	102.8	50	2.056		
16						
17	**Difference between column means**					
18	Predicted (LS) mean of Vehicle	9.206				
19	Predicted (LS) mean of SNAP-94847	8.794				
20	Difference between predicted means	0.4120				
21	SE of difference	0.3702				
22	95% CI of difference	-0.3316 to 1.156				

	2way ANOVA Multiple comparisons			
1	Compare each cell mean with the other cell mean in that row			
2				
3	Number of families	1		
4	Number of comparisons per family	5		
5	Alpha	0.05		
6				
7	**Bonferroni's multiple comparisons test**	**Predicted (LS) mean diff.**	**95.00% CI of diff.**	**Significant?**
8				
9	SNAP-94847 - Vehicle			
10	basal	-0.2362	-2.453 to 1.981	No
11	10 min	-0.7320	-2.949 to 1.485	No
12	20 min	-1.180	-3.396 to 1.037	No
13	30 min	-0.1580	-2.375 to 2.059	No
14	40 min	0.2454	-1.971 to 2.462	No
15				
16				
17	**Test details**	**Predicted (LS) mean 1**	**Predicted (LS) mean 2**	**Predicted (LS) mean diff.**
18				
19	SNAP-94847 - Vehicle			
20	basal	6.234	6.470	-0.2362
21	10 min	5.416	6.148	-0.7320
22	20 min	10.10	11.28	-1.180
23	30 min	10.80	10.96	-0.1580
24	40 min	11.42	11.18	0.2454

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7	**Summary**				
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10	ns				
11	ns				
12	ns				
13	ns				
14	ns				
15					
16					
17	**SE of diff.**	**N1**	**N2**	**t**	**DF**
18					
19					
20	0.8279	6	6	0.2853	50.00
21	0.8279	6	6	0.8842	50.00
22	0.8279	6	6	1.425	50.00
23	0.8279	6	6	0.1908	50.00
24	0.8279	6	6	0.2965	50.00

Data analyzed: Vt awake

Source of Variation	Degrees of Freedom	Sum of Squares	Mean square
Treatment	1	2.547	2.547
Time	4	348.5	87.13
Interaction	4	3.658	0.9144
Residual (error)	50	102.8	2.056
Total	59	457.5	

Does Treatment have the same effect at all values of Time?

Interaction accounts for 0.7994 of the total variance.
F = 0.44. DFn = 4, DFd = 50
The P value = 0.7757
If there is no interaction overall, there is a 78% chance of randomly observing so much interaction in an experiment of this size. The interaction is considered not significant.

Does Treatment affect the result?

Treatment accounts for 0.5566 of the total variance.
F = 1.24. DFn = 1, DFd = 50
The P value = 0.2711
If Treatment has no effect overall, there is a 27% chance of randomly observing an effect this big (or bigger) in an experiment of this size. The effect is considered not significant.

Does Time affect the result?

Time accounts for 76.17 of the total variance.
F = 42.37. DFn = 4, DFd = 50
The P value is < 0.0001
If Time has no effect overall, there is a less than 0.01% chance of randomly observing an effect this big (or bigger) in an experiment of this size. The effect is considered extremely significant.

	2way ANOVA ANOVA results				
1	Table Analyzed	FR awake			
2					
3	**Two-way RM ANOVA**	Matching: Stacked			
4	Assume sphericity?	No			
5	Alpha	0.05			
6					
7	**Source of Variation**	**% of total variation**	**P value**	**P value summary**	**Significant?**
8	Interaction	0.6648	0.4411	ns	No
9	Time	81.86	<0.0001	****	Yes
10	Treatment	0.02584	0.8785	ns	No
11	Subject	10.51	<0.0001	****	Yes
12					
13	**ANOVA table**	**SS**	**DF**	**MS**	**F (DFn, DFd)**
14	Interaction	564.1	4	141.0	F (4, 40) = 0.9578
15	Time	69455	4	17364	F (2.501, 25.01) = 117.9
16	Treatment	21.92	1	21.92	F (1, 10) = 0.02458
17	Subject	8918	10	891.8	F (10, 40) = 6.057
18	Residual	5889	40	147.2	
19					
20	**Difference between column means**				
21	Mean of Vehicle	131.1			
22	Mean of SNAP-94847	129.9			
23	Difference between means	1.209			
24	SE of difference	7.710			
25	95% CI of difference	-15.97 to 18.39			
26					
27	**Data summary**				
28	Number of columns (Treatment)	2			
29	Number of rows (Time)	5			
30	Number of subjects (Subject)	12			

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7	**Geisser-Greenhouse's epsilon**
8	
9	0.6253
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13	**P value**
14	P=0.4411
15	P<0.0001
16	P=0.8785
17	P<0.0001
18	
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30	

	2way ANOVA Multiple comparisons						
1	Compare each cell mean with the other cell mean in that row						
2							
3	Number of families	1					
4	Number of comparisons per family	5					
5	Alpha	0.05					
6							
7	**Bonferroni's multiple comparisons test**	**Mean Diff.**	**95.00% CI of diff.**	**Significant?**	**Summary**	**Adjusted P Value**	
8							
9	Vehicle - SNAP-94847						
10	basal	1.257	-20.42 to 22.93	No	ns	>0.9999	
11	10 min	12.46	-20.77 to 45.69	No	ns	>0.9999	
12	20 min	-1.577	-30.82 to 27.67	No	ns	>0.9999	
13	30 min	-0.08787	-46.20 to 46.02	No	ns	>0.9999	
14	40 min	-6.005	-43.05 to 31.04	No	ns	>0.9999	
15							
16							
17	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**N1**	**N2**
18							
19	Vehicle - SNAP-94847						
20	basal	87.15	85.89	1.257	6.782	6	6
21	10 min	97.40	84.94	12.46	10.44	6	6
22	20 min	157.8	159.4	-1.577	8.986	6	6
23	30 min	158.6	158.7	-0.08787	12.52	6	6
24	40 min	154.5	160.5	-6.005	10.06	6	6

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17	**t**	**DF**
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19		
20	0.1853	9.648
21	1.193	9.811
22	0.1755	8.944
23	0.007019	6.097
24	0.5972	6.095

	2way ANOVA ANOVA results					
1	Table Analyzed	VE awake				
2						
3	**Two-way RM ANOVA**	Matching: Stacked				
4	Assume sphericity?	Yes				
5	Alpha	0.05				
6						
7	**Source of Variation**	**% of total variation**	**P value**	**P value summary**	**Significant?**	
8	Interaction	0.6167	0.5008	ns	No	
9	Time	85.61	<0.0001	****	Yes	
10	Drug	0.1150	0.6811	ns	No	
11	Subject	6.423	0.0020	**	Yes	
12						
13	**ANOVA table**	**SS**	**DF**	**MS**	**F (DFn, DFd)**	**P value**
14	Interaction	148438	4	37110	F (4, 40) = 0.8522	P=0.5008
15	Time	20606235	4	5151559	F (4, 40) = 118.3	P<0.0001
16	Drug	27689	1	27689	F (1, 10) = 0.1791	P=0.6811
17	Subject	1545990	10	154599	F (10, 40) = 3.550	P=0.0020
18	Residual	1741774	40	43544		
19						
20	**Difference between column means**					
21	Mean of Vehicle	1274				
22	Mean of SNAP-94847	1231				
23	Difference between means	42.96				
24	SE of difference	101.5				
25	95% CI of difference	-183.2 to 269.2				
26						
27	**Data summary**					
28	Number of columns (Drug)	2				
29	Number of rows (Time)	5				
30	Number of subjects (Subject)	12				

	2way ANOVA Multiple comparisons			
1	Compare each cell mean with the other cell mean in that row			
2				
3	Number of families	1		
4	Number of comparisons per family	5		
5	Alpha	0.05		
6				
7	**Bonferroni's multiple comparisons test**	**Predicted (LS) mean diff.**	**95.00% CI of diff.**	**Significant?**
8				
9	SNAP-94847 - Vehicle			
10	basal	-25.72	-422.2 to 370.7	No
11	10 min	-138.7	-535.1 to 257.8	No
12	20 min	-160.8	-557.2 to 235.7	No
13	30 min	-3.496	-399.9 to 392.9	No
14	40 min	113.8	-282.6 to 510.3	No
15				
16				
17	**Test details**	**Predicted (LS) mean 1**	**Predicted (LS) mean 2**	**Predicted (LS) mean diff.**
18				
19	SNAP-94847 - Vehicle			
20	basal	530.9	556.6	-25.72
21	10 min	457.5	596.2	-138.7
22	20 min	1614	1775	-160.8
23	30 min	1721	1724	-3.496
24	40 min	1831	1717	113.8

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7	**Summary**				
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10	ns				
11	ns				
12	ns				
13	ns				
14	ns				
15					
16					
17	**SE of diff.**	**N1**	**N2**	**t**	**DF**
18					
19					
20	148.0	6	6	0.1738	50.00
21	148.0	6	6	0.9367	50.00
22	148.0	6	6	1.086	50.00
23	148.0	6	6	0.02362	50.00
24	148.0	6	6	0.7689	50.00

Source of Variation	DF	Sum of Squares	Mean square
Interaction	4	148438	37110
Time	4	20606235	5151559
Drug	1	27689	27689
Subject	10	1545990	154599
Residual (Error)	40	1741774	43544
Total	59	24070126	

Does Time have the same effect at all values of Drug?

Interaction accounts for 0.6167 of the total variance.
F = 0.85. DFn = 4, DFd = 40
The P value = 0.5008
If there is no interaction overall, there is a 50% chance of randomly observing so much interaction in an experiment of this size. The interaction is considered not significant.

Does Drug affect the result? (Are the curves different?)

Drug accounts for 0.115 of the total variance (after adjusting for matching).
F = 0.18. DFn = 1, DFd = 10
The P value = 0.6811
If Drug has no effect overall, there is a 68% chance of randomly observing an effect this big (or bigger) in an experiment of this size. The effect is considered not significant.

Does Time affect the result? (Are the curves horizontal?)

Time accounts for 85.61 of the total variance (after adjusting for matching).
F = 118.31. DFn = 4, DFd = 40
The P value is < 0.0001
If Time has no effect overall, there is a less than 0.01% chance of randomly observing an effect this big (or bigger) in an experiment of this size. The effect is considered extremely significant.

Was the matching effective?

F = 3.55. DFn = 10, DFd = 40
The P value = 0.0020
If matching were not effective overall, there is a 0.2% chance of randomly observing an effect this big (or bigger) in an experiment of this size. The effect is considered very significant.

	2way ANOVA ANOVA results					
1	Table Analyzed	Vt sleep				
2						
3	**Two-way RM ANOVA**	Matching: Stacked				
4	Assume sphericity?	Yes				
5	Alpha	0.05				
6						
7	**Source of Variation**	**% of total variation**	**P value**	**P value summary**	**Significant?**	
8	Interaction	0.0005656	0.9628	ns	No	
9	Time	80.74	<0.0001	****	Yes	
10	Trwatment	0.6911	0.5269	ns	No	
11	Subject	16.08	0.0034	**	Yes	
12						
13	**ANOVA table**	**SS**	**DF**	**MS**	**F (DFn, DFd)**	**P value**
14	Interaction	0.0009374	1	0.0009374	F (1, 10) = 0.002281	P=0.9628
15	Time	133.8	1	133.8	F (1, 10) = 325.6	P<0.0001
16	Trwatment	1.145	1	1.145	F (1, 10) = 0.4297	P=0.5269
17	Subject	26.66	10	2.666	F (10, 10) = 6.487	P=0.0034
18	Residual	4.110	10	0.4110		
19						
20	**Difference between row means**					
21	Mean of basal	6.268				
22	Mean of 7%CO_2	10.99				
23	Difference between means	-4.723				
24	SE of difference	0.2617				
25	95% CI of difference	-5.306 to -4.140				
26						
27	**Difference between column means**					
28	Mean of Vehicle	8.848				
29	Mean of SNAP-94847	8.411				
30	Difference between means	0.4369				
31	SE of difference	0.6665				

	2way ANOVA ANOVA results					
32	95% CI of difference	-1.048 to 1.922				
33						
34	**Interaction CI**					
35	Mean diff, A1 - B1	0.4494				
36	Mean diff, A2 - B2	0.4244				
37	(A1 -B1) - (A2 - B2)	0.02500				
38	95% CI of difference	-1.141 to 1.191				
39	(B1 - A1) - (B2 - A2)	-0.02500				
40	95% CI of difference	-1.191 to 1.141				
41						
42	**Data summary**					
43	Number of columns (Trwatment)	2				
44	Number of rows (Time)	2				
45	Number of subjects (Subject)	12				

	2way ANOVA Multiple comparisons			
1	Compare each cell mean with the other cell mean in that row			
2				
3	Number of families	1		
4	Number of comparisons per family	2		
5	Alpha	0.05		
6				
7	**Bonferroni's multiple comparisons test**	**Predicted (LS) mean diff.**	**95.00% CI of diff.**	**Significant?**
8				
9	Vehicle - SNAP-94847			
10	basal	0.4494	-1.286 to 2.185	No
11	7%CO_2	0.4244	-1.311 to 2.160	No
12				
13				
14	**Test details**	**Predicted (LS) mean 1**	**Predicted (LS) mean 2**	**Predicted (LS) mean diff.**
15				
16	Vehicle - SNAP-94847			
17	basal	6.492	6.043	0.4494
18	7%CO_2	11.20	10.78	0.4244

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7	**Summary**	**Adjusted P Value**			
8					
9					
10	ns	>0.9999			
11	ns	>0.9999			
12					
13					
14	**SE of diff.**	**N1**	**N2**	**t**	**DF**
15					
16					
17	0.7161	6	6	0.6276	20.00
18	0.7161	6	6	0.5927	20.00

	2way ANOVA ANOVA results					
1	Table Analyzed	fR sleep				
2						
3	**Two-way RM ANOVA**	Matching: Stacked				
4	Assume sphericity?	Yes				
5	Alpha	0.05				
6						
7	**Source of Variation**	**% of total variation**	**P value**	**P value summary**	**Significant?**	
8	Interaction	0.1283	0.1595	ns	No	
9	Time	90.51	<0.0001	****	Yes	
10	Treatment	0.06765	0.7865	ns	No	
11	Subject	8.736	<0.0001	****	Yes	
12						
13	**ANOVA table**	**SS**	**DF**	**MS**	**F (DFn, DFd)**	**P value**
14	Interaction	43.21	1	43.21	F (1, 10) = 2.310	P=0.1595
15	Time	30489	1	30489	F (1, 10) = 1630	P<0.0001
16	Treatment	22.79	1	22.79	F (1, 10) = 0.07744	P=0.7865
17	Subject	2943	10	294.3	F (10, 10) = 15.73	P<0.0001
18	Residual	187.1	10	18.71		
19						
20	**Difference between row means**					
21	Mean of basal	77.02				
22	Mean of 7%CO_2	148.3				
23	Difference between means	-71.29				
24	SE of difference	1.766				
25	95% CI of difference	-75.22 to -67.35				
26						
27	**Difference between column means**					
28	Mean of Vehicle	113.6				
29	Mean of SNAP-94847	111.7				
30	Difference between means	1.949				
31	SE of difference	7.003				

	2way ANOVA ANOVA results					
32	95% CI of difference	-13.66 to 17.55				
33						
34	**Interaction CI**					
35	Mean diff, A1 - B1	4.633				
36	Mean diff, A2 - B2	-0.7348				
37	(A1 -B1) - (A2 - B2)	5.367				
38	95% CI of difference	-2.502 to 13.24				
39	(B1 - A1) - (B2 - A2)	-5.367				
40	95% CI of difference	-13.24 to 2.502				
41						
42	**Data summary**					
43	Number of columns (Treatment)	2				
44	Number of rows (Time)	2				
45	Number of subjects (Subject)	12				

	2way ANOVA Multiple comparisons						
1	Compare each cell mean with the other cell mean in that row						
2							
3	Number of families	1					
4	Number of comparisons per family	2					
5	Alpha	0.05					
6							
7	**Bonferroni's multiple comparisons test**	**Mean Diff.**	**95.00% CI of diff.**	**Significant?**	**Summary**	**Adjusted P Value**	
8							
9	Vehicle - SNAP-94847						
10	basal	4.633	-12.87 to 22.13	No	ns	>0.9999	
11	7%CO_2	-0.7348	-18.24 to 16.77	No	ns	>0.9999	
12							
13							
14	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**N1**	**N2**
15							
16	Vehicle - SNAP-94847						
17	basal	79.34	74.70	4.633	7.222	6	6
18	7%CO_2	147.9	148.7	-0.7348	7.222	6	6

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17	0.6414	20.00
18	0.1017	20.00

	2way ANOVA ANOVA results					
1	Table Analyzed	VE sleep				
2						
3	**Two-way RM ANOVA**	Matching: Stacked				
4	Assume sphericity?	Yes				
5	Alpha	0.05				
6						
7	**Source of Variation**	**% of total variation**	**P value**	**P value summary**	**Significant?**	
8	Interaction	0.003895	0.8868	ns	No	
9	Time	94.05	<0.0001	****	Yes	
10	Treatment	0.2051	0.4856	ns	No	
11	Subject	3.912	0.1229	ns	No	
12						
13	**ANOVA table**	**SS**	**DF**	**MS**	**F (DFn, DFd)**	**P value**
14	Interaction	325.3	1	325.3	F (1, 10) = 0.02132	P=0.8868
15	Time	7856128	1	7856128	F (1, 10) = 514.7	P<0.0001
16	Treatment	17131	1	17131	F (1, 10) = 0.5243	P=0.4856
17	Subject	326751	10	32675	F (10, 10) = 2.141	P=0.1229
18	Residual	152628	10	15263		
19						
20	**Difference between row means**					
21	Mean of basal	477.6				
22	Mean of 7%CO_2	1622				
23	Difference between means	-1144				
24	SE of difference	50.44				
25	95% CI of difference	-1257 to -1032				
26						
27	**Difference between column means**					
28	Mean of Vehicle	1076				
29	Mean of SNAP-94847	1023				
30	Difference between means	53.43				
31	SE of difference	73.80				

	2way ANOVA ANOVA results					
32	95% CI of difference	-111.0 to 217.9				
33						
34	**Interaction CI**					
35	Mean diff, A1 - B1	60.80				
36	Mean diff, A2 - B2	46.07				
37	(A1 -B1) - (A2 - B2)	14.73				
38	95% CI of difference	-210.0 to 239.5				
39	(B1 - A1) - (B2 - A2)	-14.73				
40	95% CI of difference	-239.5 to 210.0				
41						
42	**Data summary**					
43	Number of columns (Treatment)	2				
44	Number of rows (Time)	2				
45	Number of subjects (Subject)	12				

	2way ANOVA Multiple comparisons						
1	Compare each cell mean with the other cell mean in that row						
2							
3	Number of families	1					
4	Number of comparisons per family	2					
5	Alpha	0.05					
6							
7	**Bonferroni's multiple comparisons test**	**Mean Diff.**	**95.00% CI of diff.**	**Significant?**	**Summary**	**Adjusted P Value**	
8							
9	Vehicle - SNAP-94847						
10	basal	60.80	-155.8 to 277.4	No	ns	>0.9999	
11	7%CO_2	46.07	-170.5 to 262.7	No	ns	>0.9999	
12							
13							
14	**Test details**	**Mean 1**	**Mean 2**	**Mean Diff.**	**SE of diff.**	**N1**	**N2**
15							
16	Vehicle - SNAP-94847						
17	basal	508.0	447.2	60.80	89.38	6	6
18	7%CO_2	1645	1599	46.07	89.38	6	6

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14	**t**	**DF**
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16		
17	0.6802	20.00
18	0.5154	20.00

Row stats		A			B		
		Vehicle			SNAP-94847		
		Mean	SD	N	Mean	SD	N
1	basal	6.470	0.487	6	6.234	0.951	6
2	10 min	6.148	0.960	6	5.416	0.615	6
3	20 min	11.278	1.418	6	10.098	1.672	6
4	30 min	10.958	1.841	6	10.800	1.659	6
5	40 min	11.177	1.930	6	11.423	1.857	6

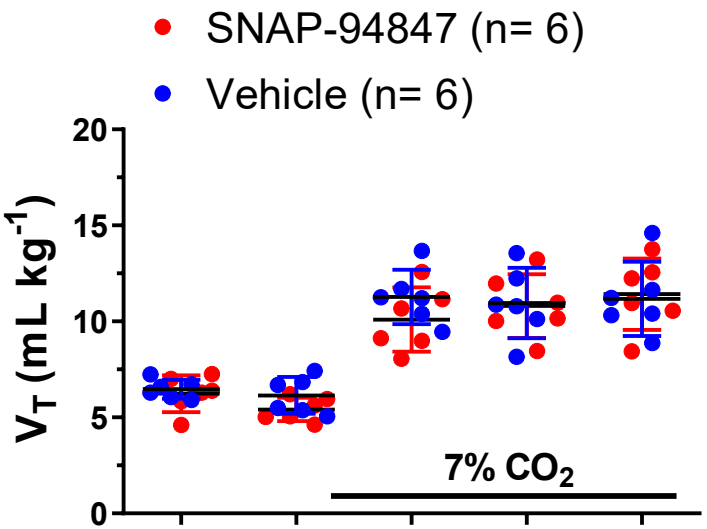
Row stats		A			B		
		Vehicle			SNAP-94847		
		Mean	SD	N	Mean	SD	N
1	basal	87.149	12.820	6	85.892	10.566	6
2	10 min	97.399	19.294	6	84.941	16.781	6
3	20 min	157.794	18.040	6	159.371	12.610	6
4	30 min	158.584	29.092	6	158.672	9.694	6
5	40 min	154.462	23.371	6	160.467	7.779	6

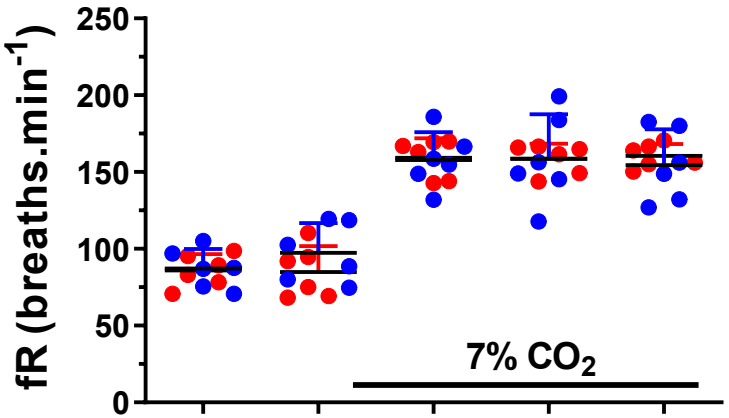
Row stats		A			B		
		Vehicle			SNAP-94847		
		Mean	SD	N	Mean	SD	N
1	basal	556.619	76.945	6	530.895	86.210	6
2	10 min	596.204	149.653	6	457.531	91.268	6
3	20 min	1774.725	259.378	6	1613.957	321.633	6
4	30 min	1724.364	356.648	6	1720.868	332.293	6
5	40 min	1717.209	328.490	6	1831.046	311.813	6

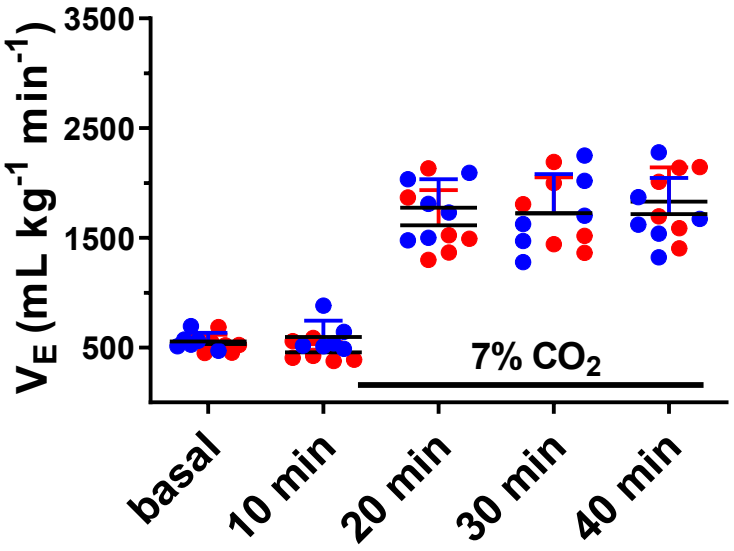
Row stats		A			B		
		Vehicle			SNAP-94847		
		Mean	SD	N	Mean	SD	N
1	basal	6.492	0.703	6	6.043	0.858	6
2	7%CO_2	11.203	1.323	6	10.778	1.781	6

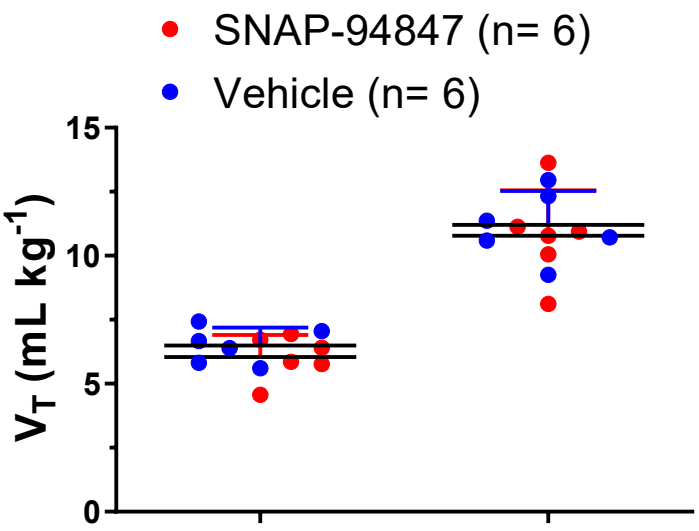
Row stats		A			B		
		Vehicle			SNAP-94847		
		Mean	SD	N	Mean	SD	N
1	basal	79.337	13.958	6	74.705	11.580	6
2	7%CO_2	147.939	14.034	6	148.674	10.005	6

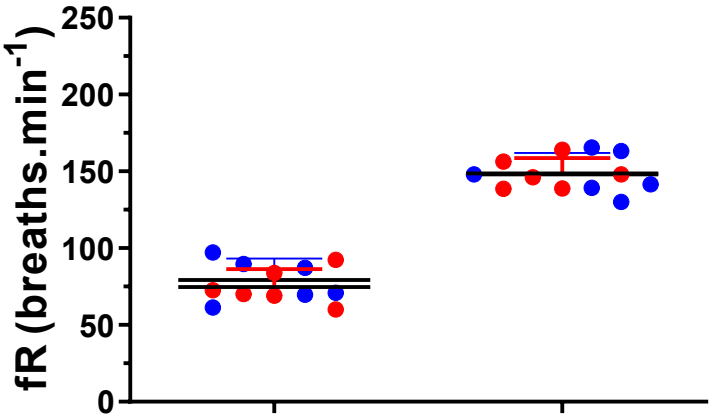
Row stats		A			B		
		Vehicle			SNAP-94847		
		Mean	SD	N	Mean	SD	N
1	basal	508.029	55.554	6	447.232	73.337	6
2	7%CO_2	1644.936	113.142	6	1598.866	273.148	6

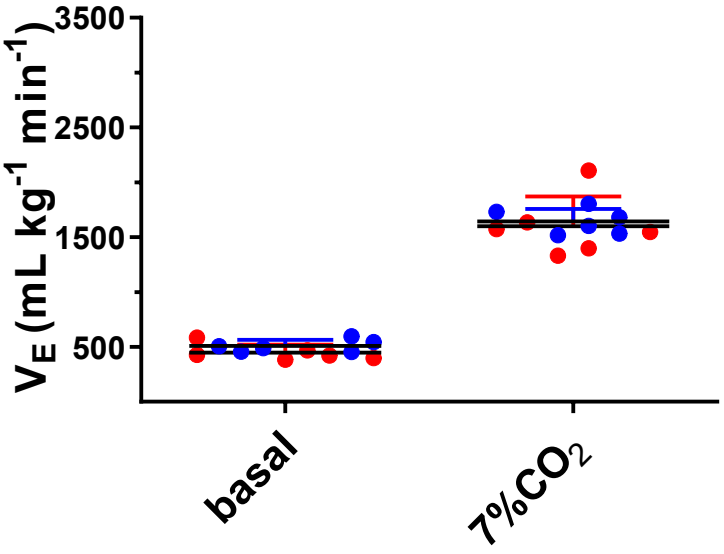

SNAP-94847 (n= 6)
Vehicle (n= 6)
V_T (mL kg^{-1})
20
15
10
5
0
7% CO_2

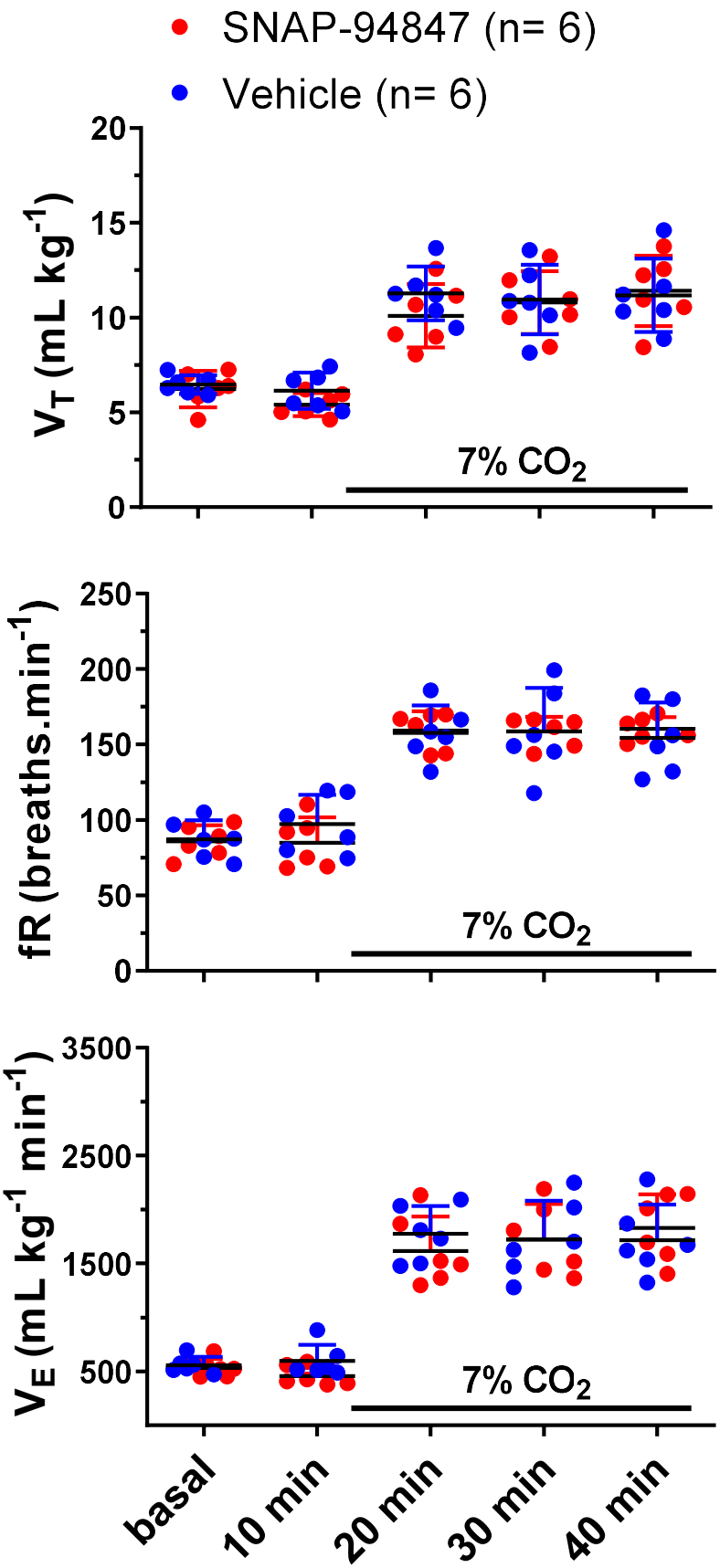

fR (breaths.min-1)
250
200
150
100
50
0
7% CO2

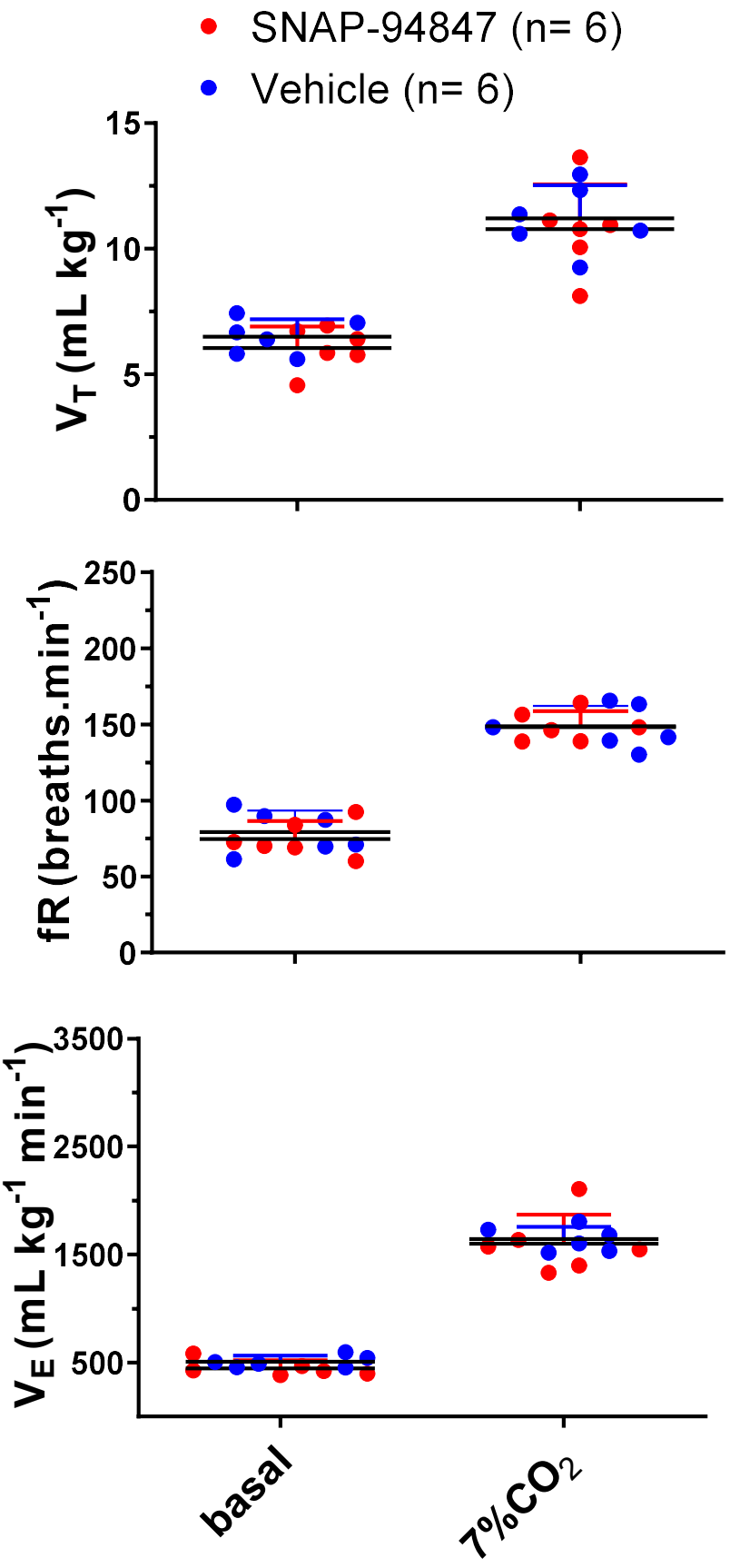

3500
2500
1500
500
V_E (mL kg^{-1} min^{-1})
7% CO_2
basal
10 min
20 min
30 min
40 min

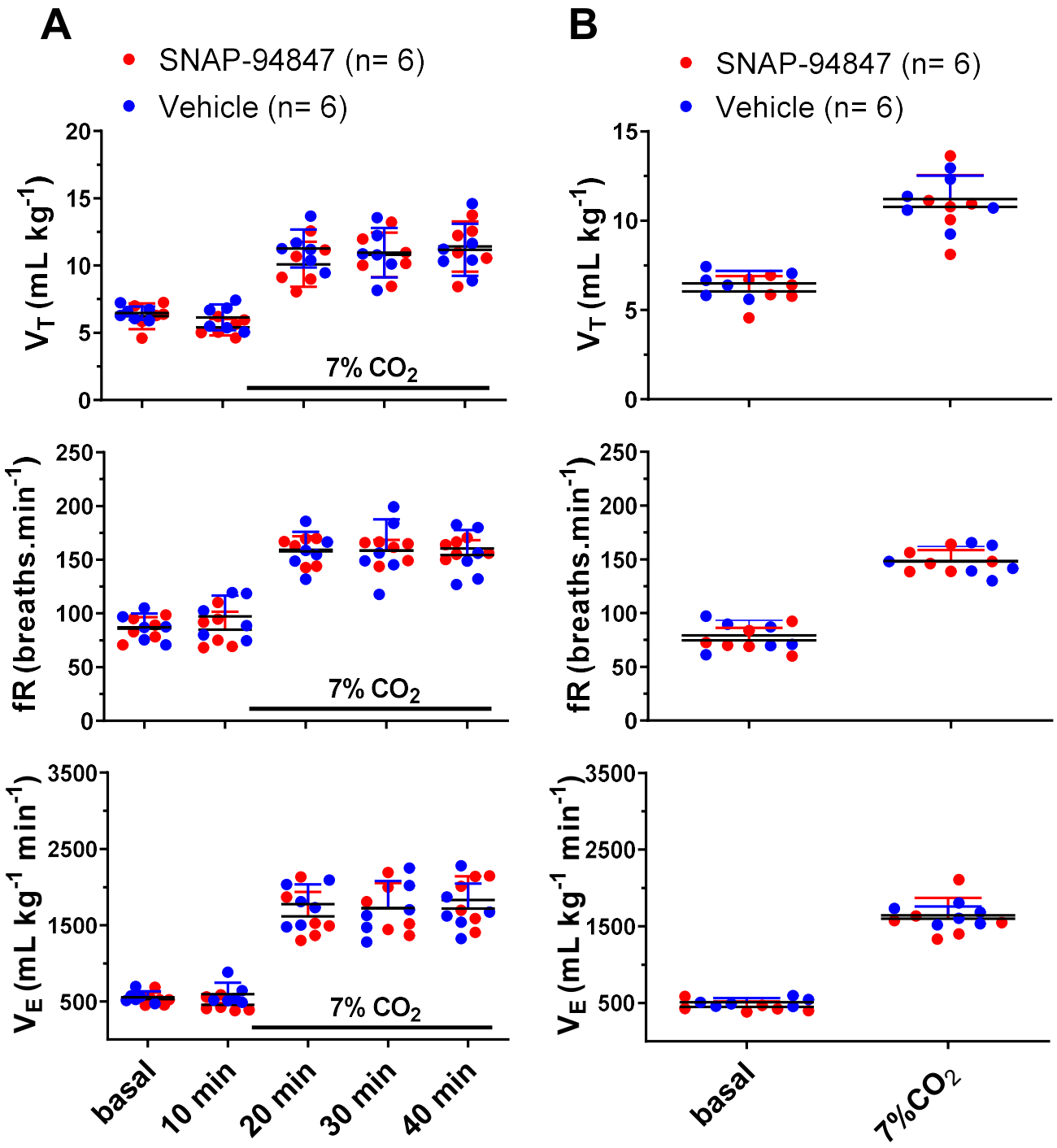

SNAP-94847 (n= 6)
Vehicle (n= 6)
15
10
5
0
V_T (mL kg^{-1})


fR (breaths.min-1)
250
200
150
100
50
0


V_E (mL kg^{-1} min^{-1})
3500
2500
1500
500
basal
7%CO_2


SNAP-94847 (n= 6)
Vehicle (n= 6)
V_T (mL kg^{-1})
20
15
10
5
0
7% CO_2
fR (breaths.min^{-1})
250
200
150
100
50
0
7% CO_2
V_E (mL kg^{-1} min^{-1})
3500
2500
1500
500
7% CO_2
basal
10 min
20 min
30 min
40 min


SNAP-94847 (n= 6)
Vehicle (n= 6)
V_T (mL kg^{-1})
15
10
5
0
fR (breaths.min^{-1})
250
200
150
100
50
0
V_E (mL kg^{-1} min^{-1})
3500
2500
1500
500
basal
7%CO_2


A
SNAP-94847 (n= 6)
Vehicle (n= 6)
V_T (mL kg^{-1})
fR (breaths.min^{-1})
V_E (mL kg^{-1} min^{-1})
7% CO_2
basal
10 min
20 min
30 min
40 min
B
SNAP-94847 (n= 6)
Vehicle (n= 6)
V_T (mL kg^{-1})
fR (breaths.min^{-1})
V_E (mL kg^{-1} min^{-1})
basal
7%CO_2

Constant	Value
Experiment Da	mar-25-2021
Experiment ID	
Notebook ID	
Project	
Experimenter	
Protocol	