

Table S2. Mean systolic carotid blood flow (mL/kg/min) of individual animals in multiple SI, single SI and no SI groups from onset of ventilation.

time (min)	multiple SI								single SI								no SI							
	1	2	3	4	5	6	mean	SEM	1	2	3	4	5	6	mean	SEM	1	2	3	4	5	6	mean	SEM
BV	35.40	11.44	21.46	5.74	44.31	13.50	22.08	7.50	39.07	27.16	47.55	18.02	16.08	16.73	27.43	5.39	15.40	6.73	16.87	55.75	35.58	15.88	24.37	7.37
0.00	35.26	9.92	18.17	5.08	43.18	12.78	21.24	7.55	44.06	28.30	44.11	16.01	18.96	19.96	28.56	5.18	14.08	6.43	15.91	53.92	32.34	19.07	23.63	6.98
0.30	37.19	9.86	18.57	3.08	39.87	17.45	21.49	7.33	64.31		67.17	24.54		27.70	45.93	11.47	12.75	5.91	15.04	52.83	25.00		22.31	8.22
1.00	35.43	18.42	28.46	5.36	41.84	18.05	23.82	6.57	62.36	39.81	62.73	23.45	27.36	42.25	42.99	6.84	36.67	9.30	28.69	52.23	21.26	23.24	28.56	6.00
1.30	37.03	18.19	29.43	24.67	42.92	18.95	28.35	4.96	61.50	39.72	74.62	24.28	28.44	47.33	45.98	7.92	29.56	25.21	33.74	52.82	15.44	24.28	30.17	5.17
2.00	39.92	18.86	30.25	29.07	46.14	19.47	30.69	5.44	65.35	35.80	83.20	26.57	30.14	43.84	47.48	9.10		28.96	32.24	54.65		23.44	34.82	6.13
2.30	41.38	18.57	30.45	27.69	37.38	22.14	29.43	4.36	57.93	36.93	81.02	31.00	30.88	45.05	47.14	7.95		35.14	33.43		40.77	22.98	33.08	3.71
3.00	43.28	18.28	30.26	34.53	38.29	24.31	31.74	4.58	59.82	33.04	75.11	35.64	29.43	49.07	47.02	7.28		37.26	36.72	57.64	42.05	22.72	39.28	5.61
3.30	43.05	18.49	30.56	34.02	38.92	26.33	32.16	4.41	63.02	31.30	75.45	36.78	28.78	52.03	47.89	7.68		41.86	41.07	57.54	41.01	22.67	40.83	5.52
4.00	42.79	18.11	30.33	35.34	38.63	29.51	32.88	4.28	64.29	29.76	70.88	36.43	27.78	51.92	46.84	7.47		43.27	41.31	58.05	40.31	22.84	41.15	5.60
4.30	42.34	17.75	29.86	36.92	38.37	31.91	33.46	4.27	64.27	28.31	71.19	36.54	26.92	51.30	46.42	7.66		42.70	41.05	57.77	39.11	23.16	40.76	5.50
5.00	42.77	17.39	29.62	37.67	38.60	33.90	34.07	4.40	63.38	27.57	69.28	36.09	26.70	52.43	45.91	7.52		42.23	40.37	56.25	37.78	22.26	39.78	5.42
6.00	42.76	16.84	28.80	38.15	38.98	37.38	34.82	4.59	59.28	25.60	64.89	34.59	24.68	50.53	43.26	7.09		41.51	39.29	53.33	34.58	21.05	37.95	5.23
7.00	41.79	16.37	28.27	36.32	39.32	36.29	34.02	4.53	54.42	24.26	63.81	32.82	23.81	49.11	41.37	6.85	38.33	40.62	49.58	49.64	38.22		43.28	2.62
8.00	41.39	15.88	27.57	31.86	40.64	37.63	33.48	4.71	50.82	22.42	61.86	30.61	23.18	43.99	38.81	6.54	36.26	37.68	37.16	54.58			41.42	3.93
9.00	39.81	15.11	26.34	28.29	40.35	37.81	32.28	4.81	50.38	20.94	60.39	29.18	22.41	32.57	35.98	6.51	30.71	36.17	35.57	55.96	27.61		37.20	4.95
10.00	37.99	14.71	26.00	25.41	41.01	36.28	31.08	4.87	46.18	23.62	50.63	25.20	21.01	24.65	31.88	5.29	26.23	34.25	34.65	56.82	28.27		36.04	5.45
11.00	39.32	10.10	22.61	23.21	49.83	35.22	31.53	6.85	41.78	32.84	42.43	22.63	20.01	21.61	30.22	4.19	29.27	31.46	33.37	59.42	37.23		38.15	5.48
12.00	46.85	8.41	17.68	20.47	55.38	35.24	33.27	8.54	37.12	45.10	34.93	21.33	18.75	19.66	29.48	4.51	27.94	28.98	30.79	58.76	43.67		38.03	5.91
13.00	52.36	19.14	33.46	18.52	54.75	34.02	35.76	7.79	35.80	50.73	36.75	19.85	18.55	20.17	30.31	5.29	29.53	26.43	28.47	57.71	48.83		38.19	6.33
14.00	54.73	18.76	31.71	18.52	54.26	33.46	35.95	8.04	34.49	46.90	36.09	20.12	18.42	19.55	29.26	4.76	27.21	24.85	26.28	56.15			33.62	7.53
15.00	55.15	18.41	30.96	18.22	52.90	32.54	35.44	8.03	34.75	44.84	32.79	20.08	18.70	20.38	28.59	4.31	26.59	25.73	23.94	53.81	51.42		36.30	6.69
20.00	52.98	17.57	27.98	23.00	47.61	26.47	33.53	7.04	26.95	35.36	24.89	18.12	15.81	23.80	24.15	2.83	24.99	32.09	19.87	52.79	45.66	21.93	32.89	5.51
25.00	51.85	17.89	28.34	21.33	44.88	18.84	30.96	7.21	25.69	37.97	25.07	18.14	10.25	20.76	22.98	3.77	22.37	27.76	17.73	55.52	48.03	20.41	31.97	6.48
30.00	51.29	17.87	28.68	19.51	45.16	16.05	29.98	7.53	22.05	44.13	22.94	21.33	7.88	21.05	23.23	4.77	20.90	25.73	17.83	57.32	46.05	16.56	30.73	6.91

BV, before ventilation; SEM, standard error of the mean; SI, sustained inflation