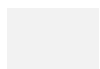
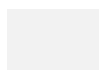
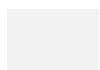
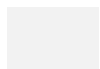


	A001	A002	A003	A004	A005	A006	A007	A008	A009	A010	A011	A012	A013	A014	A015	A016	Mean	SD
Vt_sup_0	0.4288	0.3487	0.5147	0.5876	0.5856	0.4891	0.495398257	0.5070	0.4234	0.4550	0.5216	0.5299	0.5494	0.2834	0.5349	0.5420	0.4873	0.0826
Pes_rel_sup	6.3108	5.7690	7.2988	5.4661	8.0957	5.0837	5.8486	12.4300	5.8486	11.9525	6.5180	9.5140	8.3825	12.2070		7.7769	7.9001	2.5354
Ers_sup_0	29.3641	36.9385	24.0518	19.7990	29.1595	26.5854	18.2969685	39.9624	18.9092	26.4550	15.1190	18.2981	16.7947	12.2317	19.1552	19.8533	23.1859	7.7385
Ecw_sup_0	7.0020	7.7565	6.7612	1.8131	12.9089	5.8283	3.561901041	8.3212	3.6162	4.4554	10.0204	1.8368	3.3095	4.7774		4.6803	5.7766	3.0774
EL_sup_0	22.5700	29.3136	17.3498	17.8649	16.3381	20.7077	14.75161604	31.5031	15.4469	22.7029	5.0922	16.5188	13.7800	6.3994		15.3970	17.7157	7.1098
Vt_sup_7	0.4177	0.3494	0.5108	0.5758	0.5721	0.4884	0.48647522	0.5102	0.4115	0.4515	0.5184	0.5125	0.5436	0.5540	0.5357	0.5410	0.4987	0.0629
Ers_sup_7	31.9604	34.6756	26.4925	18.4876	27.7164	22.7753	18.01875465	29.9608	18.2265	25.7265	15.0517	9.5140	8.3825	12.2070		7.7769	20.4648	8.8054
Ecw_sup_7	5.3923	7.8237	3.3540	3.3980	10.8168	5.4062	3.953596954	9.3317	6.0413	6.6215	6.9866	2.8717	4.5619	3.7245		5.1510	5.6957	2.2996
EL_sup_7	26.7359	27.0055	23.0855	15.3754	17.0278	17.4019	14.11776939	20.8888	11.8890	19.2047	7.9955	17.2706	11.0624	12.8835		13.4329	17.0251	5.5755
ERV_sup	0.0582	0.1937	0.1834	0.5901	0.2547	0.2112	0.1583	0.0337	0.2954	0.2733	0.6686	0.1601	0.6097	0.1351	0.0695	0.5279	0.2764	0.2072
Vt_pro_0	0.4423	0.3468	0.5194	0.5742	0.5584	0.4808	0.481289943	0.4905	0.4124	0.4479	0.5335	0.5552	0.5247	0.5401	0.5125	0.5289	0.4968	0.0603
Pes_rel_pro	6.8367	1.6096	7.5219	-0.6215	4.5100	1.9123	-2.61355	8.8446	1.3068	11.4425	1.9283	-6.2152	0.3028	2.0399	1.8327	1.6733	2.6444	4.3883
Ers_pro_0	32.1831	47.9834	48.6785	30.2431	30.2424	33.7249	19.54228279	38.3891	21.4534	37.9827	24.3198	24.5304	21.3276	23.9316	38.9568	29.5800	31.4418	9.0514
Ecw_pro_0	12.2819	26.4050	16.9946	12.7195	15.8796	16.2680	11.23360212	11.1750	11.3865	5.9192	15.7203	4.3514	6.6769	13.3982	26.7459	16.0234	13.9487	6.2206
EL_pro_0	19.9723	21.6840	32.0445	17.3379	14.4312	17.5914	8.217599808	27.1945	10.1519	32.0817	8.6715	20.2468	15.3993	10.7537	12.4181	13.8191	17.6260	7.5979
Vt_pro_7	0.4394	0.3443	0.5009	0.5559	0.5614	0.4669	0.484708507	0.4866	0.4089	0.4406	0.5278	0.5453	0.5194	0.5238	0.5025	0.5139	0.4889	0.0578
Ers_pro_7	36.1410	42.5329	43.4228	29.1272	30.2651	37.2053	19.79763135	35.7688	21.6247	35.4638	23.8639	24.2816	22.5187	23.8402	35.3423	30.4958	30.7307	7.5259
Ecw_pro_7	15.4613	23.0330	12.0576	9.2982	15.2621	10.12199652	12.1796	9.2173	10.6041	14.2386	3.5296	8.5921	13.2736	21.0954	18.4220	13.0924	5.0777	
EL_pro_7	21.0526	20.0439	17.7038	20.8795	22.2591	9.888980773	23.9322	12.5676	25.1518	9.8486	20.8400	13.7321	10.6427	14.4752	12.2582	17.0184	5.3415	
ERV_pro	0.2544	0.3257	0.5730	0.4951	0.3602	0.3795	0.9855	0.0894	0.6920	0.3809	0.9237	0.2740	0.9583	0.3509	0.3129	0.6222	0.4986	0.2706
dERV_pos	0.1962	0.1320	0.3896	-0.0950	0.1055	0.1683	0.8272	0.0557	0.3965	0.1076	0.2551	0.1139	0.3486	0.2158	0.2434	0.0943	0.2222	0.2061
dPes_pos	0.5259	-4.1594	0.2231	-6.0876	-3.5857	-3.1713	-8.46215	-3.5854	-4.5419	-0.5100	-4.5897	-15.7291	-8.0796	-10.1672		-6.1036	-5.2016	4.2383
Pao_ee_0_sup	1.55	1.97	2.01	1.39	1.66	1.60	1.70254	1.58	1.57	1.11	2.12	1.37	1.25	0.35	0.59	1.60	1.4648	0.4700
Pes_ee_0_sup	6.789	6.394	7.847	7.879	11.786	6.132	8.42708	11.302	5.552	13.278	8.351	10.135	8.414	13.132		8.765	8.9455	2.4670
PL_ee_0_sup	-5.35	-4.43	-5.87	-6.66	-9.93	-4.50	-6.67514	-9.64	-4.08	-12.17	-6.23	-8.70	-7.22	-12.77		-6.21	-7.3626	2.7165
Pao_ee_7_sup	7.38	7.60	7.49	7.59	7.41	7.64	7.32278	7.27	7.27	7.32	7.17	7.17	7.63	7.03	7.08	7.28	7.3545	0.1941
Pes_ee_7_sup	8.49	7.37	11.15	7.31	12.19	7.60	9.1984	11.03	6.67	14.46	12.62	10.63	8.82	15.18		9.75	10.1642	2.6214
PL_ee_7_sup	-1.31	0.25	-3.59	0.22	-4.62	0.11	-1.86624	-3.66	0.55	-7.05	-5.38	-3.39	-1.17	-8.03		-1.48	-2.6938	2.7073
Pao_ee_0_pro	1.43	1.84	1.20	1.42	1.68	1.59	1.40508	0.40	1.34	1.43	1.65	1.93	1.44	1.08	0.97	1.66	1.4039	0.3704
Pes_ee_0_pro	6.00	4.05	8.24	0.00	4.98	2.75	-2.35858	7.66	2.08	10.95	3.35	-4.49	2.02	2.93	2.03	1.47	3.2287	3.8711
PL_ee_0_pro	-4.76	-2.11	-7.17	1.46	-3.18	-1.09	3.8344	-7.14	-0.88	-9.40	-1.73	6.48	-0.90	-1.89	-1.09	1.17	-1.7743	4.0688
Pao_ee_7_pro	7.29	7.70	7.18	6.93	7.67	7.08	7.48732	7.13	7.35	7.09	7.29	7.20	7.47	7.16	6.98	6.91	7.2439	0.2405
Pes_ee_7_pro	7.60	6.57	8.00	2.11	8.30	4.60	0.694814	8.01	5.23	10.73	6.46	-3.80	2.22	6.58	6.65	4.95	5.1288	3.5955
PL_ee_7_pro	-0.47	1.25		4.60	-0.44	2.55	6.82164	-0.78	2.01	-3.57	0.78	11.07	5.22	0.62	0.34	2.99	2.1998	3.5938
Pao_ei_0_sup	14.01	14.85	14.49	13.04	18.73	14.42	10.7342	21.81	9.54	13.03	10.03	11.16	10.53	11.94	10.84	12.41	13.2219	3.2652
Pes_ei_0_sup	9.77	9.07	11.40	9.01	19.72	9.17	10.161	15.55	6.97	15.20	13.86	10.73	9.97	16.16		11.44	11.8783	3.4690
PL_ei_0_sup	4.20	5.82	3.09	3.80	-0.73	5.31	0.63695	6.27	2.55	-1.83	-3.82	0.50	0.62	-3.08		2.06	1.6930	3.1598
Pao_ei_7_sup	20.72	19.79	21.06	18.26	23.24	18.82	16.1772	22.55	14.80	18.99	14.88	17.20	16.29	16.30	17.23	17.28	18.3492	2.5664
Pes_ei_7_sup	10.91	10.26	13.13	9.36	18.43	10.30	11.1744	15.76	9.15	17.38	16.01	12.35	11.19	17.52		12.46	13.0262	3.1673
PL_ei_7_sup	9.71	9.66	7.99	8.99	5.03	8.61	5.0446	7.01	5.47	1.74	-1.10	4.93	5.13	-1.13		5.95	5.5355	3.4652
Pao_ei_0_pro	15.63	18.41	26.49	18.85	18.53	17.92	10.8668	19.22	10.08	18.46	14.65	15.50	12.67	14.08	21.10	17.32	16.8603	4.0393
Pes_ei_0_pro	11.34	13.14	17.17	7.32	14.01	10.49	3.1554	13.35	6.74	13.67	11.59	-2.02	5.40	10.41	15.96	9.82	10.0960	4.9831
PL_ei_0_pro	4.17	5.40	9.43	11.43	4.67	7.54	7.72612	5.97	3.25	4.89	3.11	17.61	7.38	3.75	5.27	8.62	6.8885	3.7027
Pao_ei_7_pro	23.20	22.48	28.79	22.99	24.73	24.72	17.405	24.51	16.24	22.73	19.96	20.41	19.37	19.44	24.70	22.63	22.1429	3.1849
Pes_ei_7_pro	14.41	14.49		8.76	13.69	11.72	5.81354	14.22	9.03	15.48	14.09	-1.94	6.69	13.34	17.35	14.33	11.4324	4.9829
PL_ei_7_pro	8.82	8.26		14.32	11.18	13.19	11.707	10.50	7.17	7.45	5.95	22.48	12.57	6.19	7.47	9.45	10.4469	4.2198
DP_0_sup	12.46	12.88	12.49	11.66	17.06	12.82	9.03166	20.23	7.97	11.91	7.91	9.78	9.28	11.58	10.25	10.80	11.7571	3.1973
DP_7_sup	13.34	12.19	13.57	10.67	15.83	11.18	8.85442	15.28	7.53	11.66	7.71	10.03	8.65	9.27	10.15	9.99	10.9946	2.5077
DP_0_pro	14.20	16.57	25.29	17.42	16.85	16.33	9.46172	18.82	8.73	17.03	13.00	13.57	11.23	13.00	20.13	15.65	15.4565	4.1343
DP_7_pro	15.91	14.78	21.61	16.05	17.06	17.64	9.91768	17.39	8.89	15.63	12.67	13.21	11.90	12.28	17.72	15.72	14.8990	3.2607

Table 1 Variables are average values for each of the 16 subjects and for all subjects taken together. Variable names are defined in the text, including tidal volume, esophageal pressure, elastance of the inspiratory system, elastance of the chest wall, elastance of the lung, expiratory reserve volume, airway opening pressure, transpulmonary pressure. Subscripts refer to the conditions of measurement: Rel, at relaxation volume; sup, while supine; pro, while prone; 0, with PEEP 0 cmH2O; 7, with PEEP 7 cmH2O, ee, end-expiratory; ei, end-inspiratory, DP, driving pressure. Special variables in this table include dERV_POS defined as change in ERV with respect to position (prone - supine), dPes_pos, change in Pes with respect to position (prone - supine). All pressures are in cmH2O and all volumes are in liters.

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