

Supplementary Table 2: Effect Sizes of PEEP Settings on Systemic and Pulmonary Pressures

<i>n</i> =26	PEEP, cm H ₂ O	
	10	15
MAP, mmHg		
Healthy	-12 [-21,-4] †	-20 [-29,-12] ‡
LV-CS	-7 [-14,-0]	-9 [-15,-2] *
CVP, mmHg		
Healthy	1 [0, 1] *	2 [2, 3] ‡
LV-CS	0 [-1, 2]	1 [0, 2]
PCWP, mmHg		
Healthy	1 [-1, 2]	2 [0, 3] *
LV-CS	-1 [-2, 0]	-2 [-3,-0] *
mPAP, mL		
Healthy	0 [-2, 3]	1 [-2, 3]
LV-CS	0 [-2, 3]	-2 [-4, 1]
RVSWI, g m/m²/beat		
Healthy	-3 [-7, 2]	-6 [-11,-2] *
LV-CS	-2 [-4, 1]	-4 [-7,-1] *
PaPi, mmHg		
Healthy	0 [-1, 1]	-1 [-2, 0]
LV-CS	0 [-1, 1]	-1 [-1, 0]
SVR, WU		
Healthy	-2 [-6, 2]	-3 [-7, 1]
LV-CS	-4 [-8,-1] *	-4 [-8,-1] *
PVR, WU		
Healthy	0.2 [-0.7, 1.1]	0.2 [-0.7, 1.2]
LV-CS	0.1 [-1.2, 1.5]	-0.4 [-1.7, 1.0]

Data from the stepwise PEEP increase from the combined main analysis (*n*=26). Data are presented as mean effect size with 95% confidence interval (CI) and associated *P*-values are derived from a repeated measures mixed model with positive end-expiratory pressure (PEEP) as fixed effect and each pig at a given state as random effects.

* *P*<0.05 vs. PEEP at 5 cmH₂O

† *P*<0.01 vs. PEEP at 5 cmH₂O

‡ *P*<0.001 vs. PEEP at 5 cmH₂O

Abbreviations as in Table 3