

Supplemental Table

Effects of canagliflozin on systemic hemodynamics and blood gas parameters during 60 min LAD occlusion

Parameter	Treatment	Condition									Condition <i>P</i> -value	Treatment <i>P</i> -value	Interaction <i>P</i> -value	
		Baseline	Ischemia					Reperfusion						
		0 min	15 min	30 min	45 min	60 min	90 min	120 min	150 min	180 min				
Arterial pH	Control	7.53 ± 0.58	7.52 ± 0.06	7.53 ± 0.06	7.51 ± 0.04	7.49 ± 0.03	7.49 ± 0.03	7.50 ± 0.04	7.50 ± 0.05	7.49 ± 0.05	0.815	0.899	0.908	
	SGLT2i	7.51 ± 0.07	7.50 ± 0.06	7.51 ± 0.05	7.51 ± 0.04	7.51 ± 0.04	7.51 ± 0.05	7.51 ± 0.04	7.48 ± 0.04	7.51 ± 0.05				
Arterial PCO ₂ (mmHg)	Control	38 ± 5	38 ± 5	37 ± 5	40 ± 3	40 ± 3	40 ± 3	39 ± 4	39 ± 5	39 ± 5	0.995	0.004	0.800	
	SGLT2i	43 ± 7 *	43 ± 6 *	42 ± 6	42 ± 3	41 ± 3	40 ± 4	40 ± 3	41 ± 4	40 ± 3				
Arterial PO ₂ (mmHg)	Control	169 ± 24	168 ± 23	168 ± 29	164 ± 37	169 ± 23	171 ± 19	165 ± 26	165 ± 25	161 ± 26	0.988	0.468	0.998	
	SGLT2i	166 ± 32	168 ± 31	171 ± 29	166 ± 32	165 ± 32	156 ± 32	160 ± 31	153 ± 40	156 ± 37				
HCT (%)	Control	33 ± 4	33 ± 3	33 ± 4	34 ± 3	35 ± 3	34 ± 2	34 ± 2	33 ± 5	33 ± 3	0.993	0.592	0.942	
	SGLT2i	33 ± 3	34 ± 4	34 ± 4	34 ± 4	34 ± 3	33 ± 3	33 ± 3	35 ± 2	35 ± 4				
Mean Blood Pressure (mmHg)	Control	75 ± 11	75 ± 8	70 ± 12	73 ± 13	73 ± 14	70 ± 16	65 ± 19	63 ± 20	65 ± 14	0.272	0.470	0.999	
	SGLT2i	76 ± 17	75 ± 14	73 ± 16	68 ± 18	70 ± 16	64 ± 17	61 ± 14	60 ± 15	62 ± 14				
Heart Rate (beats/minute)	Control	83 ± 21	78 ± 18	85 ± 13	91 ± 10	88 ± 13	86 ± 14	85 ± 12	87 ± 10	82 ± 7	0.483	<0.001	0.262	
	SGLT2i	67 ± 20	66 ± 14	62 ± 16 *	61 ± 15 *	60 ± 13 *	82 ± 24	82 ± 30	76 ± 22	82 ± 7				

Values are mean ± SE for saline (n = 6) and canagliflozin (n = 6). **P* < 0.05 vs. time control

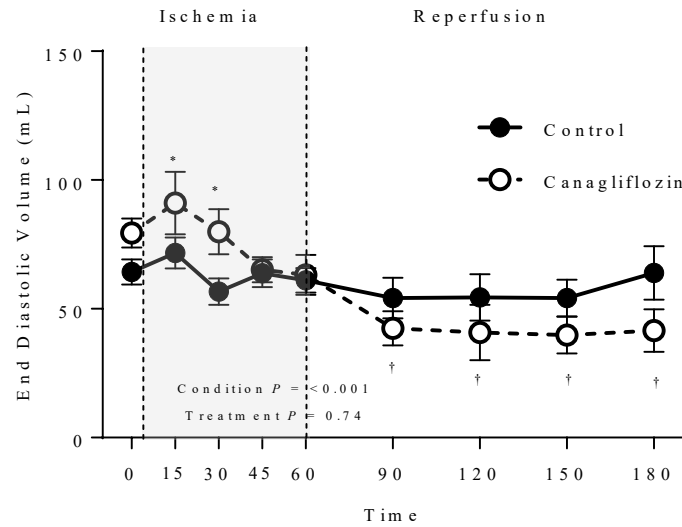
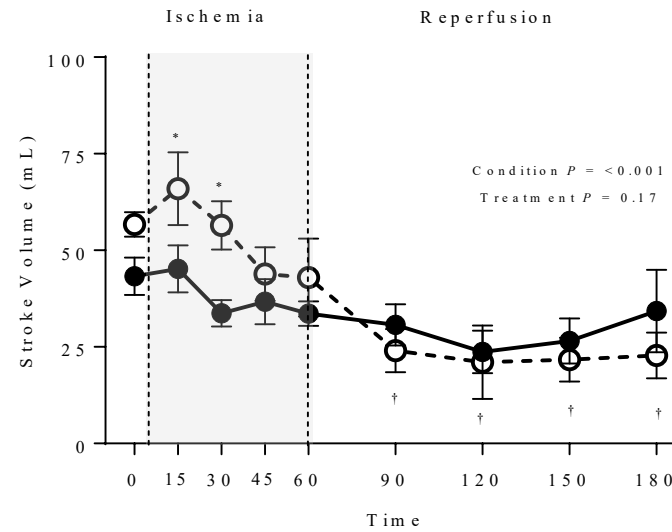
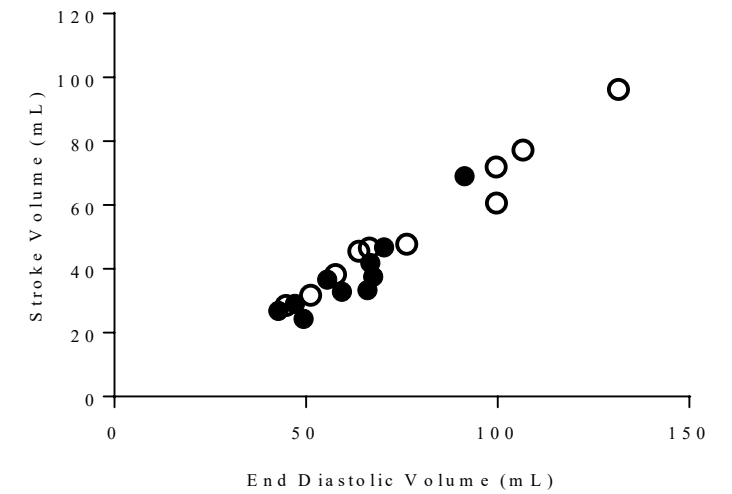
A**B****C**

Figure S. Effect of ischemia/reperfusion injury on end diastolic volume (Panel A), stroke volume (Panel B) and the relationship between stroke volume and end diastolic volume during 15 and 30 minutes of ischemia (Panel C) in Control ($n = 5$) and SGLT2i (canagliflozin) treated ($n = 5$) swine. * $P < 0.05$ vs. Control (same time point), † $P < 0.05$ vs. baseline value (same treatment).