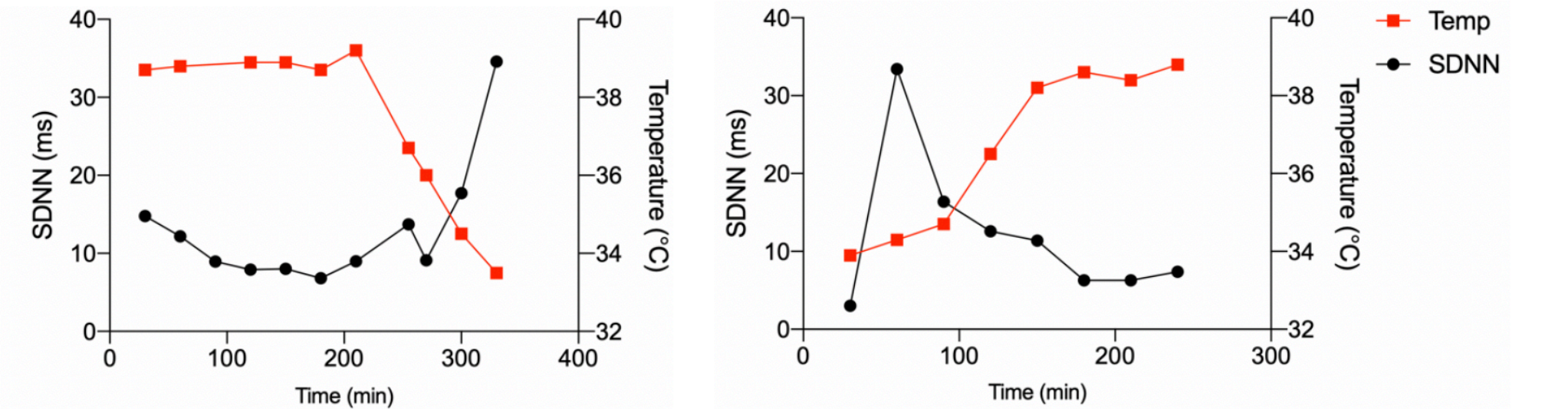


**Figure 1A: Three normothermic piglets subjected to hypoxia ischemia: HRV measures in epochs prior to, during, and after three seizure events and three cardiac arrhythmia events**

Event type:	Event 1			Event 2			Event 3		
Seizure:	Prior	During	After	Prior	During	After	Prior	During	After
SDNN (ms)*	40	42	46	25	51	28	19	16	13
LF (ms <sup>2</sup> )*	15	5.7	23	4.2	53	6.0	6.9	1.6	0.3
HF (ms <sup>2</sup> )*	1560	1669	2159	607	2557	649	365	257	169
Arrhythmia:	Prior	During	After	Prior	During	After	Prior	During	After
SDNN (ms)*	24	63	36	23	55	41	20	73	25
LF (ms <sup>2</sup> )*	2.1	3055	8.8	5.8	885	4.5	4.1	756	8.4
HF (ms <sup>2</sup> )*	617	3822	1298	520	2648	1612	408	5487	606

SDNN: Standard deviation of normal-to-normal interval; LF: Power in low frequency domain; HF: Power in high frequency domain.  
\* Calculated in 5-minute epochs

**Figure 1B: Two piglets without hypoxia ischemia subjected to temperature changes: SDNN during temperature changes**



SDNN: Standard deviation of normal-to-normal interval calculated in 5-minute epochs