

SUPPLEMENTARY MATERIAL

Table S1. Mean arterial blood pressure (mean P_A), heart rate (f_H), power of the low-frequency spectrum band (P_{LF}) and power of the high-frequency spectrum band (P_{HF}) before and after intrarterial administration of saline solution (2 ml kg^{-1} ; 0.9% NaCl) in untreated horizontalized *B. constrictor* ($N = 6$; paired data).

	Pre-saline	Post-saline
Mean P_A (kPa)	7.40 ± 0.82	7.42 ± 0.83
f_H (bpm)	24.7 ± 1.7	25.1 ± 1.6
P_{LF} (bpm^2)	0.18 ± 0.03	0.19 ± 0.06
P_{HF} (bpm^2)	0.06 ± 0.02	0.06 ± 0.02

Values are means \pm SEM. No significant difference was detected between pre-saline and post-saline values (two-tailed paired t-test; $p \leq 0.05$).

Table S2. Mean arterial blood pressure (mean P_A), heart rate (f_H), power of the low-frequency spectrum band (P_{LF}) and power of the high-frequency spectrum band (P_{HF}) before and after intrarterial administration of acetylcholine (0.3 ml kg^{-1} ; 200 $\mu\text{g ml}^{-1}$) in horizontalized *B. constrictor* treated with atropine, propranolol and prazosin ($N = 6$; paired data).

	Pre-acetylcholine	Post-acetylcholine
Mean P_A (kPa)	5.61 ± 0.70	5.56 ± 0.68
f_H (bpm)	24.5 ± 1.7	24.2 ± 1.5
P_{LF} (bpm^2)	0.01 ± 0.01	0.00 ± 0.00
P_{HF} (bpm^2)	0.00 ± 0.00	0.00 ± 0.00

Values are means \pm SEM. No significant difference was detected between pre-acetylcholine and post-acetylcholine values (two-tailed paired t-test; $p \leq 0.05$).

Table S3. Mean arterial blood pressure (mean P_A), heart rate (f_H), power of the low-frequency spectrum band (P_{LF}) and power of the high-frequency spectrum band (P_{HF}) before and after intrarterial administration of adrenaline (0.3 ml kg^{-1} ; 200 $\mu\text{g ml}^{-1}$) in horizontalized *B. constrictor* treated with atropine, propranolol and prazosin ($N = 6$; paired data).

	Pre-adrenaline	Post-adrenaline
Mean P_A (kPa)	5.55 ± 0.65	5.50 ± 0.63
f_H (bpm)	24.2 ± 1.5	23.4 ± 1.1
P_{LF} (bpm^2)	0.00 ± 0.00	0.00 ± 0.00
P_{HF} (bpm^2)	0.00 ± 0.00	0.00 ± 0.00

Values are means \pm SEM. No significant difference was detected between pre-adrenaline and post-adrenaline values (two-tailed paired t-test; $p \leq 0.05$).

Table S4. Power of the low-frequency spectrum band (P_{LF}) and power of the high-frequency spectrum band (P_{HF}) of untreated horizontalized *B. constrictor*, calculated from spectra generated using 64, 128 and 256 cardiac cycles ($N = 6$; paired data).

	64 cardiac cycles	128 cardiac cycles	256 cardiac cycles
P_{LF} (bpm ²)	0.23 ± 0.07	0.17 ± 0.06	0.19 ± 0.09
P_{HF} (bpm ²)	0.07 ± 0.02	0.08 ± 0.05	0.08 ± 0.05

Values are means ± SEM. Values are means ± SEM. No significant difference was detected between the different methods of analysis (one-way ANOVA for repeated measures; $p \leq 0.05$; Holm-Šidák *post hoc* test; $p \leq 0.05$).