|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Parasympathetic Blockade | | **P Value** | 5 μg·kg-1·min-1 Dobutamine | | 10 μg·kg-1·min-1 Dobutamine | | Peak Dobutamine Dose (5-10 μg·kg-1·min-1) | | **P Value** |
| **T2D** | **CON** | **T2D** | **CON** | **T2D** | **CON** | **T2D** | **CON** |
| **Stroke Volume**(ml**·**kgFFM-1) | 0.72 ± 0.10 | 0.08 ± 0.04 | **Group:** 0.02 | 0.65 ± 0.11 | 0.93 ± 0.23 | 0.66 ± 0.14 | 0.97 ± 0.27 | 0.61 ± 0.12 | 0.89 ± 0.34 | **Group:** <0.01 |
| **Condition**: <0.01 | **Condition**: 0.89 |
| **Interaction:** 0.25 | **Interaction:** 0.59 |
| **Cardiac Output** (L**·**min-1**·**kgFFM-1) | 0.08 ± 0.01 | 0.10 ± 0.03 | **Group:** 0.18 | 0.08 ± 0.01 | 0.11 ± 0.02 | 0.10 ± 0.02 | 0.13 ± 0.03 | 0.09 ± 0.02 | 0.13 ± 0.05 | **Group:** <0.01 |
| **Condition:** <0.01 | **Condition**: 0.07 |
| **Interaction:** 0.25 | **Interaction**: 0.72 |
| **S’** (m**·**s-1) | 0.09 ± 0.02 | 0.08 ± 0.04 | **Group:** 0.10 | 0.14 ± 0.02 | 0.12 ± 0.02 | 0.16 ± 0.03 | 0.13 ± 0.06 | 0.15 ± 0.03 | 0.17 ± 0.05 | **Group:** 0.50 |
| **Condition:** 0.19 | **Condition**: <0.01 |
| **Interaction:** 0.68 | **Interaction:** 0.40 |
| **Systemic Vascular Resistance**  (mmHg⋅min⋅mL-1) | 18.2 ± 6.5 | 17.3 ± 6.4 | **Group:** 0.58 | 18.6 ± 6.5 | 16.9 ± 4.0 | 15.7 ± 4.6 | 13.5 ± 3.0 | 16.7 ± 2.9 | 13.3 ± 4.1 | **Group:** 0.12 |
| **Condition:** 0.06 | **Condition:** 0.15 |
| **Interaction:** 0.83 | **Interaction:** 0.92 |

**Supplementary Table 1**:**Stroke volume, cardiac output, s’ and systemic vascular resistance responses following parasympathetic blockade (atropine) and sympathetic stimulation (dobutamine).**

Values are presented as means ± SD.