**Table S1.**

|  |  |  |
| --- | --- | --- |
|  |  **Ov/Ob Normal weight** **(> 90th percentile) (10th – 90th percentile)** |  **p-value** |

**ln(LF) (bpm2)** 1.69 ± 0.86 1.82 ± 0.670.3

 **[**-0.73 – 3.52] **[**0.15 – 3.42]

**RMMSD** 55.4 ± 27.3 62.2 ± 27.9 0.1

 **[**14.7 – 117.7] **[**19.2 – 143.4]

**SSR – lower limbs (ms)** 1825 ± 287 1905 ± 391 0.2

 **[**990 - 2415] **[**1125 – 3435]

**SSR – upper limbs (ms)** 1374 ± 241 1463 ± 260 0.06

 **[**650 - 1875] **[**730 - 2255]

**Light reflex relative amplitude** 22.6 ± 6.2 21.2 ± 6.3 0.2

 **[**8.7 – 40.4] **[**8.7 – 39.2]

**Latency (s)** 0.247 ± 0.021 0.245 ± 0.0210.6

 **[**0.210 – 0.311] **[**0.212 – 0.297]

**Constriction velocity (mm/s)** 4.84 ± 0.98 4.72 ± 1.110.5

 **[**2.16 – 7.40] **[**2.38 – 7.64]