|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Group 1 (iRBD) n=29** | | **Group 2 (RBD negative) n=18** | | **Statistical significance – p value** |
| **Wakefulness** | **Average** | **SD** | **Average** | **SD** |  |
| LF ms2 | 136.1 | 112.8 | 160.4 | 129.3 | 0.258 (NS) |
| Log LF | 4.4 | 1.1 | 4.7 | 1 | 0.192 (NS) |
| HF ms2 | 128.4 | 93.9 | 147.8 | 173.4 | 0.333 (NS) |
| Log HF | 4.5 | 1.2 | 4.4 | 1.1 | 0.448 (NS) |
| LF/HF ratio | 1.4 | 1.2 | 1.7 | 1.2 | 0.172 (NS) |
| **NREM** | **Average** | **SD** | **Average** | **SD** |  |
| LF ms2 | 224 | 187.9 | 172.5 | 115.2 | 0.12 (NS) |
| Log LF | 4.9 | 1.2 | 4.9 | 0.8 | 0.469 (NS) |
| HF ms2 | 166 | 136.9 | 171.3 | 115.1 | 0.444 (NS) |
| Log HF | 4.7 | 1 | 4.8 | 1 | 0.386 (NS) |
| LF/HF ratio | 1.8 | 1.7 | 1.3 | 1 | 0.152 (NS) |
| **REM** | **Average** | **SD** | **Average** | **SD** |  |
| LF ms2 | 173.3 | 158.8 | 216.1 | 147.1 | 0.176 (NS) |
| Log LF | 4.8 | 0.9 | 5.1 | 0.8 | 0.106 (NS) |
| HF ms2 | 130 | 148.1 | 108 | 70.2 | 0.248 (NS) |
| Log HF | 4.3 | 1.1 | 4.4 | 1 | 0.392 (NS) |
| LF/HF ratio | 2.4 | 2.4 | 3.1 | 2.7 | 0.185 (NS) |

**Supplementary Material C –** HRV components across 3 sleep and wake stages in RBD positive and negative subjects.

HF ms2 - high-frequency absolute power; iRBD = idiopathic REM sleep behaviour disorder; LF ms2 - Low-Frequency absolute power; NREM - Non-Rapid Eye Movement sleep; NS - Non-Statistically Significant; REM = Rapid Eye Movement sleep; S = Statistical significance; SD = Standard Deviation