**S1 Table: The p-value and Z of Wilcoxon Signed-Rank test** **with Bonferroni correction for within group comparison of VAS scores. Significant values are in red color font.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Periodic group pairs** | **p value** | **Z** | **Quasi-periodic group pairs** | **p value** | **Z** | **Chaotic group pairs** | **p value** | **Z** |
| **P1-P2** | 0.046 | 1.995 | **Q1-Q2** | 0.371 | 0.894 | **Ch1-Ch2** | 0.049 | 1.968 |
| **P1-P3** | 0.0001 | 3.644 | **Q1-Q3** | 0.839 | 0.203 | **Ch1-Ch3** | 0.0001 | 3.535 |
| **P1-P4** | 0.0001 | 4.084 | **Q1-Q4** | 0.004 | 2.85 | **Ch1-Ch4** | 0.005 | 2.795 |
| **P2-P3** | 0.0001 | 4.084 | **Q2-Q3** | 0.632 | 0.480 | **Ch2-Ch3** | 0.009 | 2.598 |
| **P2-P4** | 0.0001 | 4.477 | **Q2-Q4** | 0.008 | 2.648 | **Ch2-Ch4** | 0.022 | 2.284 |
| **P3-P4** | 0.006 | 2.726 | **Q3-Q4** | 0.011 | 2.549 | **Ch3-Ch4** | 0.57 | 0.569 |