|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **N** | **Shapiro-Wilk** | **Levene** |
|  **W** | **p** | **F** | **p** |
| Body\_weight\_g  | 31 | 0.97 | 0.8143 | 1.8134 | 0.1685 |
| Bone\_length\_mm  | 31 | 0.96 | 0.6853 | 1.0975 | 0.3672 |
| Dry\_bone\_g  | 31 | 0.95 | 0.4012 | 0.9688 | 0.4218 |
| Wet\_bone\_g  | 31 | 0.97 | 0.8103 | 0.0657 | 0.9776 |
| Bone\_water\_content\_%  | 31 | 0.98 | 0.9178 | 0.9967 | 0.4094 |
| Trabecular\_bone \_area\_μm2 | 31 | 0.92 | 0.1112 | 0.8141 | 0.4973 |
| Trabecular\_width\_µm  | 31 | 0.97 | 0.8054 | 0.9082 | 0.4501 |
| Trabecular\_separation\_µm  | 31 | 0.97 | 0.8518 | 0.4823 | 0.6974 |
| Bone\_calcium\_content\_mg\*g-1 | 31 | 0.93 | 0.1556 | 0.8343 | 0.4868 |
| Phosphorous\_bone\_content\_mg\*g-1 | 31 | 0.95 | 0.3484 | 0.6727 | 0.5762 |
| Maximum\_load\_at\_fracture \_N | 31 | 0.96 | 0.5707 | 0.7532 | 0.5301 |
| Maximum\_displacement\_at\_fracture\_mm | 31 | 0.94 | 0.2639 | 2.6542 | 0.0687 |
| Bone\_stiffness\_N\*mm-1  | 31 | 0.97 | 0.7625 | 1.4467 | 0.2512 |

**S1 File.** Results of Shapiro-Wilk and Levene’s tests.