**Results of the Shapiro-Wilk Test for normality on Leydig cell counts across various cutaneous regions and ages in axolotls**

|  |  |  |
| --- | --- | --- |
| **Region** | **Age** | **Normal Distribution (Shapiro Wilk Test)** |
| DSH | 4 months | FALSE |
| 24 months | FALSE |
| 48 months | TRUE |
| VSH | 4 months | TRUE |
| 24 months | TRUE |
| 48 months | TRUE |
| DST/F | 4 months | FALSE |
| 24 months | FALSE |
| 48 months | FALSE |
| VST/F | 4 months | FALSE |
| 24 months | FALSE |
| 48 months | FALSE |
| RIF | 4 months | FALSE |
| 24 months | FALSE |
| 48 months | TRUE |
| LIF | 4 months | TRUE |
| 24 months | TRUE |
| 48 months | TRUE |
| DST/H | 4 months | TRUE |
| 24 months | FALSE |
| 48 months | FALSE |
| VST/H | 4 months | FALSE |
| 24 months | TRUE |
| 48 months | TRUE |
| CRS | 4 months | FALSE |
| 24 months | TRUE |
| 48 months | FALSE |
| VST | 4 months | TRUE |
| 24 months | FALSE |
| 48 months | FALSE |

**Supplementary Table I.** Results of the Shapiro-Wilk Test for Normality on Leydig cell counts across various cutaneous regions (DSH, VSH, DST/F, VST/F, RIF, LIF, DST/H, VST/H, CRS, VST) and three axolotl ages: 4 months, 24 months, and 48 months. The table indicates whether the Leydig cell count distribution is normal (p > 0.05 = TRUE) or not (p < 0.05 = FALSE) for each region and age group.

**Results of the Shapiro-Wilk Test for normality on epidermal thickness cross various cutaneous regions and ages in axolotls**

|  |  |  |
| --- | --- | --- |
| **Region** | **Age** | **Normal Distribution (Shapiro Wilk Test)** |
| DSH | 4 months | TRUE |
| 24 months | TRUE |
| 48 months | FALSE |
| VSH | 4 months | FALSE |
| 24 months | FALSE |
| 48 months | TRUE |
| DST/F | 4 months | TRUE |
| 24 months | FALSE |
| 48 months | FALSE |
| VST/F | 4 months | TRUE |
| 24 months | TRUE |
| 48 months | FALSE |
| RIF | 4 months | TRUE |
| 24 months | FALSE |
| 48 months | TRUE |
| LIF | 4 months | TRUE |
| 24 months | FALSE |
| 48 months | TRUE |
| DST/H | 4 months | TRUE |
| 24 months | FALSE |
| 48 months | FALSE |
| VST/H | 4 months | FALSE |
| 24 months | FALSE |
| 48 months | FALSE |
| CRS | 4 months | TRUE |
| 24 months | FALSE |
| 48 months | FALSE |
| VST | 4 months | FALSE |
| 24 months | FALSE |
| 48 months | FALSE |

**Supplementary Table II**. Results of the Shapiro-Wilk Test for Normality on epidermal thickness across various cutaneous regions (CRS, DSH, DST/F, DST/H, LIF, RIF, VSH, VST, VST/F, VST/H) and three axolotl ages: 4 months, 24 months, and 48 months. The table indicates whether the epidermal thickness distribution is normal (p > 0.05 = TRUE) or not (p < 0.05 = FALSE) for each region and age group.