

Evaluating sexual dimorphism in postcranial elements of Eurasian extinct *Stephanorhinus etruscus* (Falconer, 1868) (Mammalia, Rhinocerotidae)

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Methods

Coefficient of variation:

$$CV = \frac{SD}{Mean} * 100 \quad (S1)$$

where SD is standard deviation and Mean is the arithmetic mean.

Shapiro-Wilk Test of Normality:

$$W = \frac{\left(\sum_{i=1}^n a_i x_{(i)} \right)^2}{\left[\sum_{i=1}^n (x_i - \bar{x})^2 \right]} \quad (S2)$$

Where $X_{(i)}$ is the smallest i-th value of the dataset, \bar{n} is the arithmetic mean of the dataset and a_i are mathematical constants given by:

$$a_i = \frac{m^T V^{-1}}{(m^T V^{-1} V^{-1} m)^{\frac{1}{2}}} \quad (S3)$$

Where m are the expected values of the order statistics of independent and identically distributed random variables sampled from the standard normal distribution and V is the covariance matrix of those normal order statistics.

Coefficient of bimodality:

$$b = \frac{m_3^2 + 1}{m_4 + 3} \quad (S4)$$

Where m_3 is skewness and m_4 is kurtosis.