

Details associated with the dataset associated with Adams, D.M., Nicolay, C., and Wilkinson, G.S. 2019. Patterns of sexual dimorphism and mating systems. In: Phyllostomid Bats, A Unique Mammalian Radiation. (T.H. Fleming, L. Davalos, and M. Mello, eds.) Chicago University Press, Chicago.

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Description of column headings:

Species: Species name

FA N female: Female sample size for forearm (FA) measurement

FA N male: Male sample size for forearm (FA) measurement

FA mean: Mean FA size (mm)

FA mean female: Mean female FA size (mm)

FA mean male: Mean male FA size (mm)

FA % diff: Percent difference between male and female FA  $((\text{Male FA} - \text{Female FA})/\text{FA mean}) * 100$

Mass N female: Female sample size for mass measurement

Mass N male: Male sample size for mass measurement

Mass mean: Mean mass (g)

Mass mean female: Mean female mass (g)

Mass mean male: Mean male mass (g)

Mass Dimorphism: Mass dimorphism as calculated from the sex-specific residuals from a PGLS regression of mean mass on mean FA.  $(\text{Residual Male Mass} - \text{Residual Female Mass}/\text{Mean Mass}) * 100$

Canine N female: Female sample size for canine length measurement

Canine N male: Male sample size for canine length measurement

Canine mean: Mean canine length (mm)

Canine mean female: Mean female canine length (mm)

Canine mean male: Mean male canine length (mm)

Canine Dimorphism: Canine length dimorphism as calculated from the sex-specific residuals from a PGLS regression of mean canine length on mean FA.  $(\text{Residual Male Canine} - \text{Residual Female Canine}/\text{Mean Canine}) * 100$

CTM N: Sample size for combined testes mass (CTM) measurement

CTM mean: Mean CTM

CTM 90%: Mean CTM of 90% quantile

CTM %BM: Mean CTM of 90% quantile expressed as percentage of body mass  $(100 * \text{CTM}90\%/\text{Mean Male}$

Mass)

Mating system: Mating system types, Single male single female (SM-SF), single male multi-female (SM-MF), multi-male multi-female (MM-MF)

Roost permanence: Average roost permanence score

Foliage: Use of foliage roosts (score = 1)

Tent: Use of leaf tent roosts (score = 2)

Hollow tree: Use of hollow tree roosts (score = 3)

Cave: Use of cave roosts (score = 4)

Aggregation size: Average aggregation size score

1-10: Number of individuals in aggregation (score = 1)

11-25: Number of individuals in aggregation (score = 2)

25-100: Number of individuals in aggregation (score = 3)

>100: Number of individuals in aggregation (score = 4)

References: Sources of information on roost structure and aggregation size

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