

1 **The relationship between length and weight in Sierra Nevada yellow-legged frogs**

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7 **Abstract**

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9 **Introduction**

10 Many studies have described length-weight relationships in amphibians (Santini et al. 2018).
11 In the current study, we describe this relationship in the endangered Sierra Nevada yellow-
12 legged frog (*Rana sierrae*).

13 **Methods**

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15 **Results**

16 In our study, we captured frogs from 26 sites and made a total of 1105 length and weight
17 measurements. The length-weight relationship for *R. sierrae* is log-linear and does not differ
18 between males and females (Figure 1).

19 **References**

20 Santini, L., A. Benítez-López, G. F. Ficetola, and M. A. J. Huijbregts. 2018. [Length–mass](#)
21 [allometries in amphibians](#). Integrative Zoology 13:36–45.

22 **Figures**

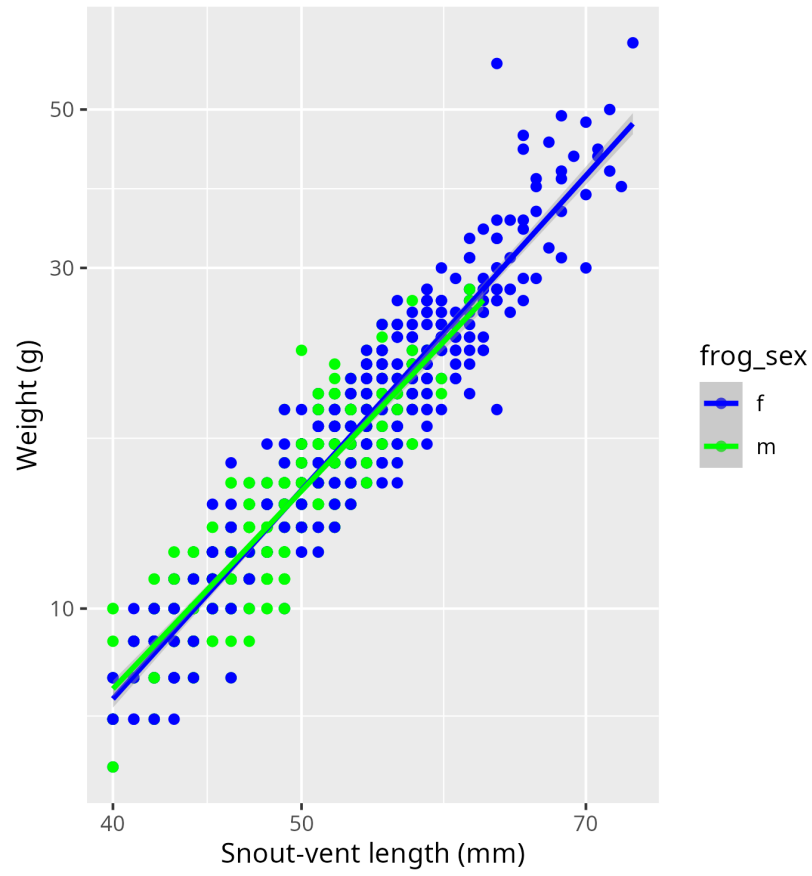


Figure 1: Length-weight relationship for adult *Rana sierrae*. The relationship does not differ between males and females.