

# Group Activity

In groups, use the dung beetle data set to assess adult weight as a function of third instar larval weight and beetle species (with interaction)

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- Graph of the data
- A written conclusion based on the model output

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### Evolutionary and plastic variation in larval growth and digestion reveal the complex underpinnings of size and age at maturation in dung beetles

Rohner, Patrick T., Indiana University Bloomington,  <https://orcid.org/0000-0002-9840-1050>  
Moczek, Armin, Indiana University Bloomington  
[patrick.t.rohner@gmail.com](mailto:patrick.t.rohner@gmail.com)  
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#### Abstract

Age and size at maturity are key life history components, yet the proximate underpinnings that mediate intra- and interspecific variation in life history remain poorly understood. We studied the proximate underpinnings of species differences and nutritionally plastic variation in adult size and development time in four species of

#### Data files

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> Oct 21, 2022  
> Jan 21, 2023

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