

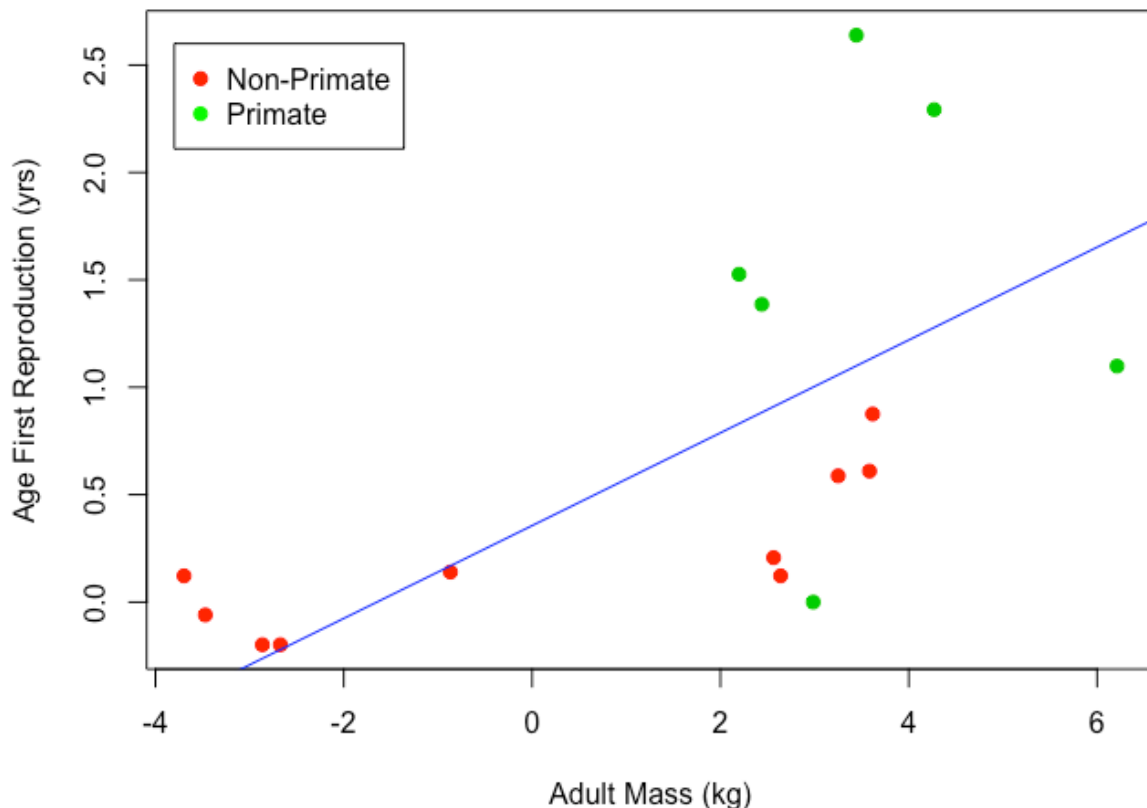
# Body Size and Life History

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## What explains variation in timing of life course?

- All life history traits are correlated with body size
- If we adjust for primates vs non-primates, is there still a positive relationship between body size and age of first reproduction?

Relationship between Mass and Age First Reproduction in Females



### Methods

- Obtain shared data from database
- Remove any species without sex, age of average first reproduction, and adult size
- Conduct a generalized linear model (GLM) of mass, first reproduction, and familial group with interaction

**Conclusion: Adjusting for familial group, age of first reproduction in females is positively linearly related to mass ( $p = 2.81e-08$ ,  $n = 26$ )**