

# Salmon smolts: answers to all remaining questions

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## Abstract

Salmon smolts are really cool, obviously. However, we also lack a full understanding of why they do what they do. Here we fill in that knowledge gap with some data, which we manipulate, analyze, and display in R markdown. Buckle up...

## Introduction

We will start out broad and reference some important contributions to the literature. For example, you can reference a paper at the end of a sentence like this (Naman et al. 2014). Alternatively, you may want to refer to a specific study in the text. For example, LoScerbo et al. (2020) is Daniella's recent paper - not about salmon, but still looks really cool. To cite multiple references, separate them with a semi-colon (Bailey and Moore 2020; LoScerbo et al. 2020).

## Methods

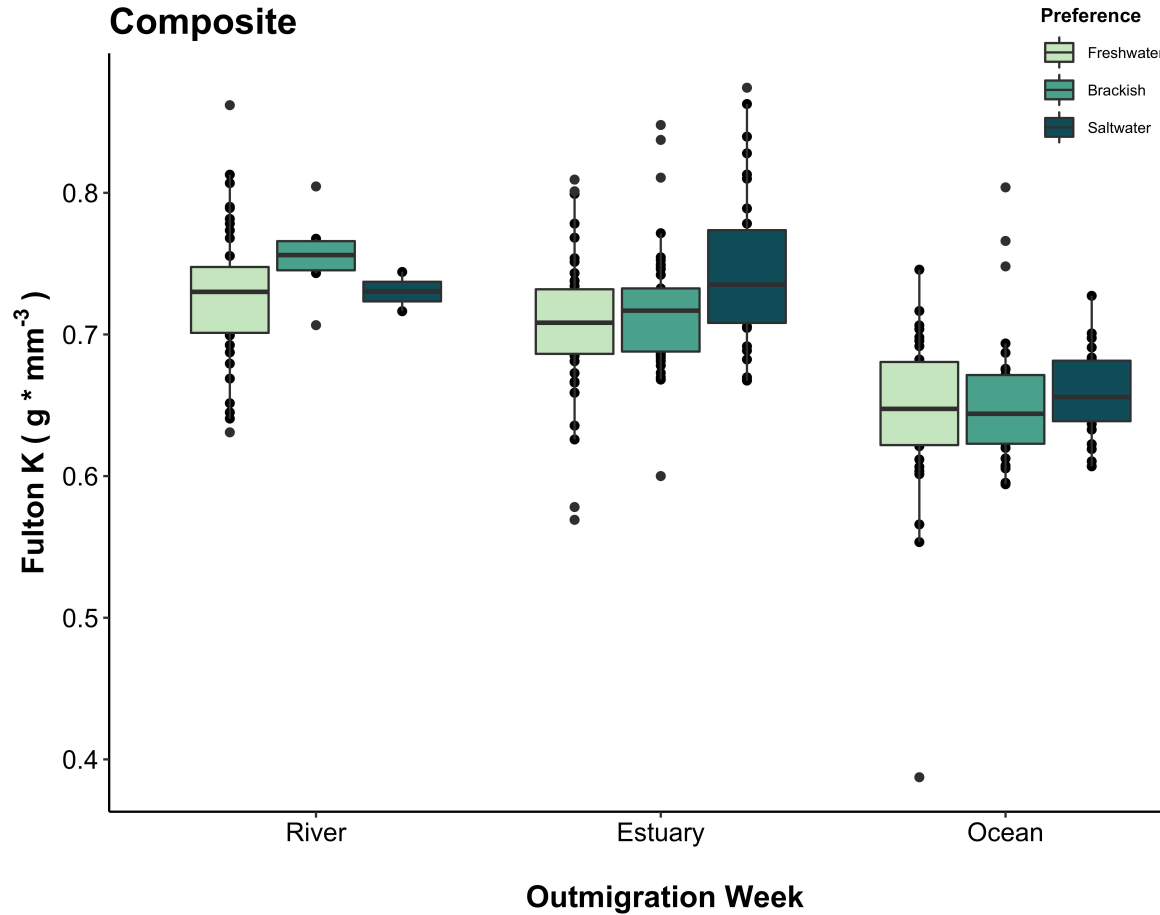
If you are doing anything mathy, writing in Rmarkdown is great. You can either use markdown or LaTeX syntax for equations. Simple math is easy in markdown - just stick it between two dollar signs. You can mix LaTeX syntax in as well for more complexity.

$$E = MC^2$$

You can also write maths with LaTeX directly. This is handy if you want equations to be auto-numbered. Below is Bayes' theorem as LaTeX.

$$P(A \mid B) = \frac{P(B \mid A) P(A)}{P(B)} \quad (1)$$

## Figures



This figure is pretty lit

## References

- Bailey, C. J., and Jonathon W. Moore. 2020. "Resource pulses increase the diversity of successful competitors in a multi-species stream fish assemblage." *Ecosphere* 11 (September). doi:10.1002/ecs2.3211.
- LoScerbo, Daniella, Maxwell J. Farrell, Julie Arrowsmith, Julia Mlynarek, and Jean Philippe Lessard. 2020. "Phylogenetically conserved host traits and local abiotic conditions jointly drive the geography of parasite intensity." *Functional Ecology*, no. September: 1–11. doi:10.1111/1365-2435.13698.
- Naman, S M, P M Kiffney, G R Pess, T W Buehrens, and T R Bennett. 2014. "Abundance and body

29 condition of sculpin (*Cottus* spp.) in a small forest stream following recolonization by juvenile coho salmon.”  
30 *River Research and Applications* 30: 360–71. doi:10.1002/rra.