

# Paper Outline

Kevin's 5 components 1. Explain the logic behind the method, 2. Give examples of people that have used it 3. Explain the logic behind why it does not work - including critiques by others 4. Show the simulations 5. Give a list of alternative ways to estimate parasite-induced mortality

Journal Targets: Journal of Parasitology, International journal of parasitology.

## Outline

### 1. Intro (SW)

- Why do you want to estimate parasite mortality in the first place
- Explain the logic behind the method (KP 1)
- Give examples of people that have used it (KP 2)

### 2. The method/model (MW)

- Outline the traditional way to estimate parasite induced-mortality
- Start with the historical approach.
  - Assumptions

### 3. Results (MW + SW)

- Simulation results (KP 4)
  - You can get the right answer for the wrong reasons. You might think the method works but it doesn't.
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### 4. Discussion (SW and MW)

- Distinction between the assumptions and the limitations
- Why is it not working?
- Some new fangled approaches (Bayesian/Full Likelihood approach)
  - Show why these also have some problems
- Other more intensive methods for estimating pi-mortality
- Any other suggestions for estimating pi-mortality from distributional data alone?
- Logic behind why it doesn't work and historical critiques (KP 3)
- Give a list of alternative ways to estimate parasite-induced mortality (KP 5)

**Targets and TODOs** 1. Flesh out outline for each of our respective sections. Saturday December 13th.