## Gerry Ryan

Mapping malaria vector spatial sampling bias with a new R package for calculating travel time

## Sampling bias

- ► Humans collect mosquito records for many reasons
- ► Those records are spatially biased
- Bias is a problem to mapping spatial distributions of species

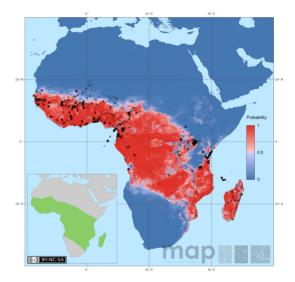


Figure 1: Anopheles gambiae records in Africa, Sinka et al. 2011

## two col template

- ► text
- ▶ more

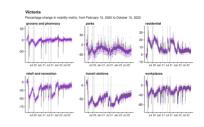


Figure 2: s