

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

Gerry Ryan

Sampling bias

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

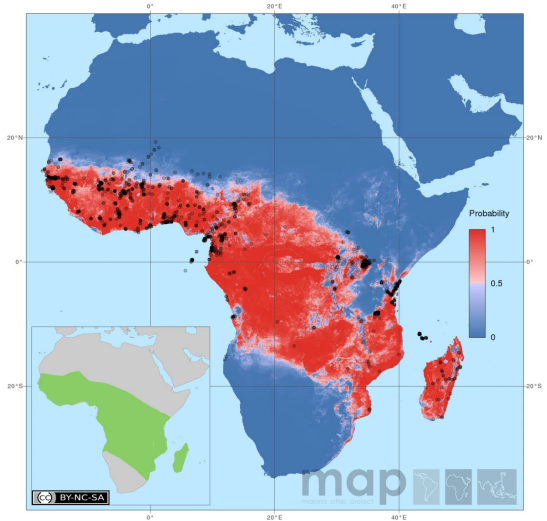


Figure 1: *Anopheles gambiae* records in Africa, Sinka et al. 2011

Humidity



two col template

- ▶ text
- ▶ more

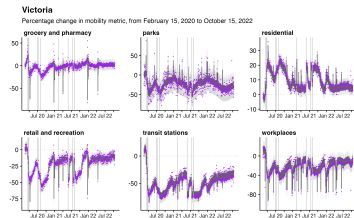


Figure 2: s