



**University  
of Basel**

In association with:



Swiss Tropical and Public Health Institute  
Schweizerisches Tropen- und Public Health-Institut  
Institut Tropical et de Santé Publique Suisse

# **Quantitative methods in One Health: a summary**

# Quantitative methods process

**1) 'Get the biology right'**

**2) Measure the animal-human interfaces**

- linear statistical methods
- mathematical transmission models

# Metrics for cross sector analyses

**DALY for humans** (human related)

**Disability-adjusted life years** measurement  
or health-adjusted life years measurement  
(*années de vie ajustées sur l'incapacité*)

**Financial value** (animal related)







