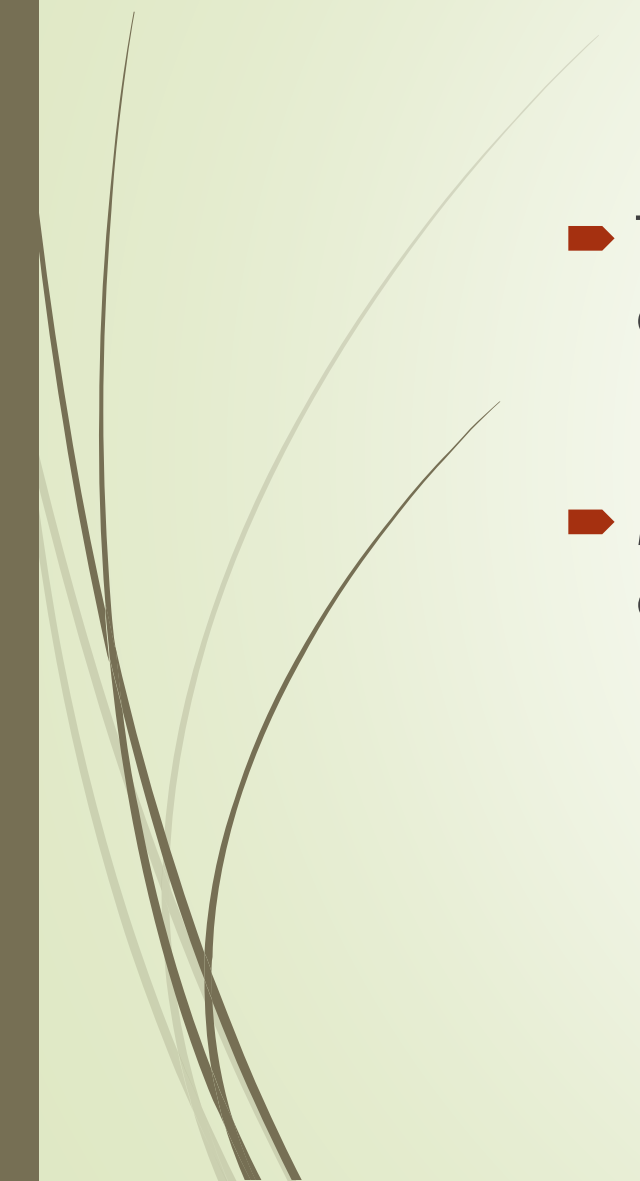# Research prior

RANDRIANANAHIRANA Zina Antonio (medical doctor, public health physician)

Research theme

- Themes : communicable disease, reproductive health, evaluative epidemiology of health programs

- Methods used: associative and correlative model creation

Statistics on the searches carried out

N°	Themes	Numbers
1	Communicable disease	2
2	Organization of care	1
3	Evaluative epidemiology of health programs	1
4	Reproductive health	2

Previous research

PERFORMANCE AND COST-
EFFECTIVENESS OF MALARIA RDT VS
MICROSCOPY THROUGH A
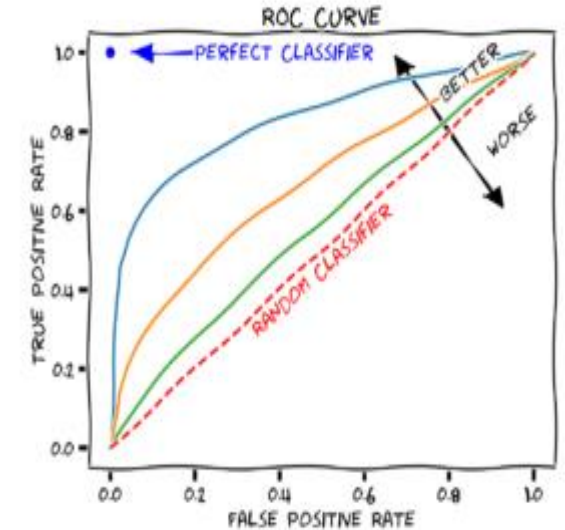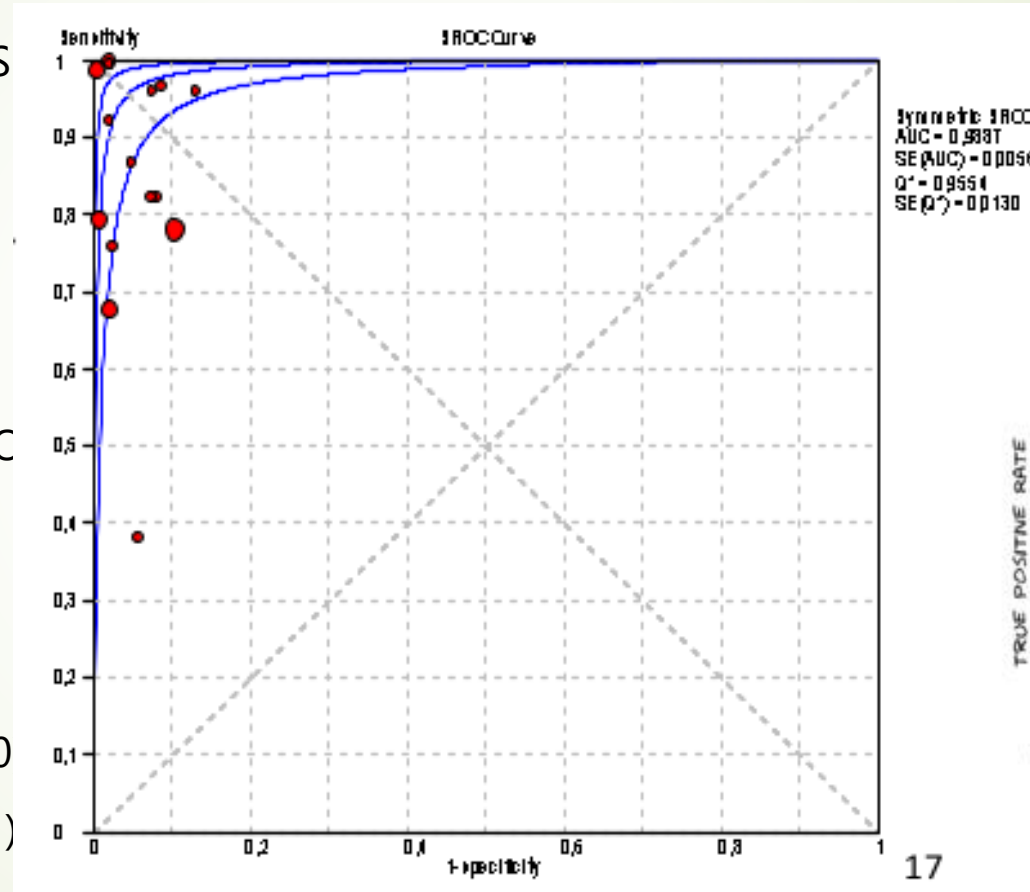METAANALYSIS

Assessment of study quality:
QUADAS 2,
Diagnostic performance: se, sp, ROC
curve...
Random effects model, Mantel-
Haenszel test,
Heterogeneity (test I^2 >50%, p ≤ 0,10
Difference between subgroup (p<0,1)
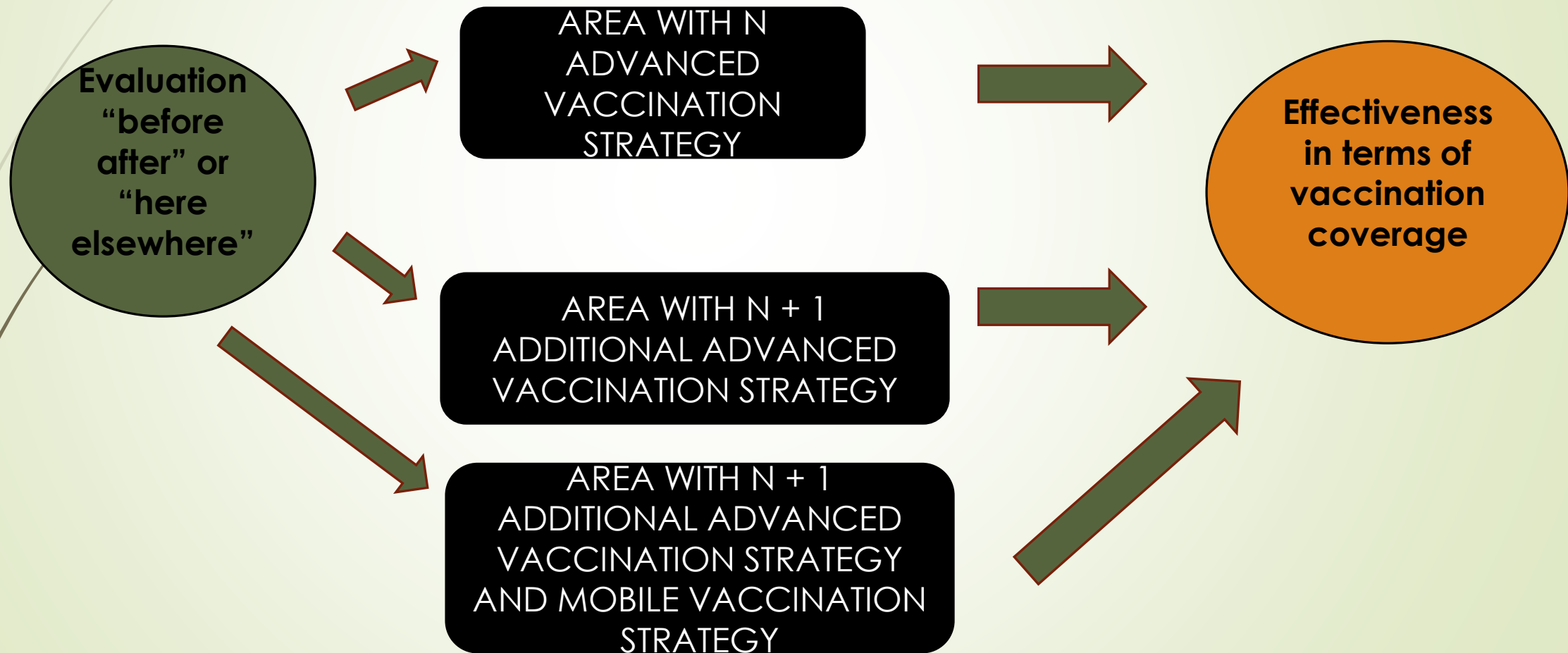Logiciel Review Manager 5.4®, Meta
disc, R4.1.2.

Research perspective related to the workshop

- Accessiblity in terms of healthcare and vaccination +++
  ➜ Madagascar

- Theme : effect of the number of advanced / mobile vaccination strategies carried out and vaccination coverage

- Methodology : regression model between an explanatory factor (vaccination strategy) and a dependent variable (vaccination coverage)

Effect of the number of advanced vaccination strategies carried out and vaccination coverage

Evaluation "before after" or "here elsewhere"

AREA WITH N ADVANCED VACCINATION STRATEGY

AREA WITH N + 1 ADDITIONAL ADVANCED VACCINATION STRATEGY

AREA WITH N + 1 ADDITIONAL ADVANCED VACCINATION STRATEGY AND MOBILE VACCINATION STRATEGY

Effectiveness in terms of vaccination coverage

Thanks ☺ !!!!