

Exploratory data analysis

Prevalence
distribution

Assessing spatial patterns

Secondary
covariates

Altitude, precipitation, geology, slope and water
flow accumulation

Primary
covariates

Soil:
Major oxides,
trace
elements,
clays,
amorphous
and
crystalline
content,
and particle
size

Assessing variable
distribution

Assessing collinearity

Assessing presence of
outlier

Assessing spatial
dependence

Assessing relationship with
prevalence

Regression kriging