

# 1 Assumptions

(We make several assumptions to simplify our model)

- Spread of Ebola can be modelled by day by day simulation similar to classical SIR models
- Ebola can be cured with a (magical) medicine, which takes effect within a day, (thus essentially immediately according to our model,) which leaves the person in a recovered state: they are immune to disease and cannot infect other people
- Affect of change of seasons, natural births and deaths, immigration and political conflicts, is omitted
- Medicine production rates are based on vaccine production rates in **!lähde!**