Mass vaccination – people might die of complications 1/1000000 will die, and some people can’t get the vaccinations due to bad immune systems

Trace vaccination – tries to vaccinate every single person that had contact with an infected individual. Near impossible to do due to vast networks

Successful tactics – vaccinating family members of infected and hospital workers

Best policy – balanced policy, vaccination of all hospital workers. Voluntary revaccination. Isolation of confirmed cases in the hospital, vaccination of household members of confirmed cases

Strength

* Took prior research and used that as a basis for their experiment
  + 30% mortality rate etc…
* Clear tests that came to a conclusion of their goals
* Tried to incorporate as many real-world examples as they could

Weaknesses

* I think it would have been good to explore immunization to smallpox
  + Could have had a bunch of different parameters that were tested on and seen which got the best results
* When going to school and town all people go to the same area, which have a chance to be exposed to new people every day
  + In reality they would be mostly interacting with the same individuals
  + This possibly increases the spread

Extension

* Bring the model up to scale