

First assumption @ day o(t=0) $I_{r\phi} = I_{r}(0) = 10 \cdot I_{d}(0)$

This allows the model to get started.

The next day (t=1) new detected case = Id(1)-Id(0)

These cases are removed from the community, hence the should be removed from the calculated Ir(1).

At the first cycle, try to find best fit R, R, R, Ra for

Lr(t) = 10 · Idct)

After ne get the best fit RH, Pn, Pr = we can calculate again how for back from too cregative day, where it all started c day Ir = 1).

Self-Consistent Cal.

After we get the best fit in angle 1;

we can further calculate. "f" to see how close it is to "10."

 $\frac{1_{vct}}{1_{lct}} = \int_{ct}^{ct} = \int_{ct}^{ct} \int_{c$

fct) describe the ratio between the leal infected cases and detected cases.

Plot this fets and we will see if we can define self-consistent Calc.