11/21/2014

Notes:

**SHORT-TERM**

*-What factors are affecting the spread of the epidemic?*

-Do gaps exist in ETC locations in relation to recent isolated outbreaks?

-Are the ETCs appropriately used and resourced when taking the results from predictive analysis of the outbreak into consideration?

-Will a lower CFR have a significant economic impact on communities?

**LONG-TERM**

-can we locate communities not directly affected by the outbreak but are economically suffering?

-can we predict food prices if the outbreak continues at the current trajectory?

“**Model** (hold out data after Oct 1 and test your predictions) the **factors** (incorporate information about each of the regions) affecting the **geographic and temporal spread** of the Ebola outbreak in W.Africa, as well as its economic impact”

Gaussian processes---R documentation

Think of time/space---and then predict 3d space

Familiarize--

sdr\_name, sdr\_level 🡪

ADM1==

ADM2==has level 1 localities inside them

--identify isolated outbreaks…

--are etcs close enough?

--resource constraints?

--contagion??

--what to plan for in the long-term?