SMART weekly briefing

Overview of goals and assignments

SACEMA's modelling and analytics response team

February 22, 2022

Format for this week

- Today: 9am - 12pm
- Check-in, discussion of BP models, and focus session
- Today, Wednesday, or Thursday: 3 additional hours, to be scheduled on the shared page

Assignment

- Simulate a branching process model based on cases detected on or before March 13 2020 (each case is the start of a chain)
- Run 5 simulations of the system, and generate a time series from each of the simluations
- Construct a joint time series of the daily median using the five time series from the previous step

Submitting assignments

- Due date: Thursday
- Submit progress to Github classroom: https://classroom.github.com/a/6x265Mmp

Next week

- Focus on outputs and presentation
- Making outputs and updates easier
- Additional structure - 2pm pair coding focus hour

Purpose alignment & reminders

- Outbreak response = little time; high stakes; low prep (potentially)
- These sessions are training for outbreak response, in a lower-stakes environment.
- It's okay to start out not understanding; what's key is the drive to learn and improve ourselves and building ourselves as a team!
- Being a strong team requires honest dialogue