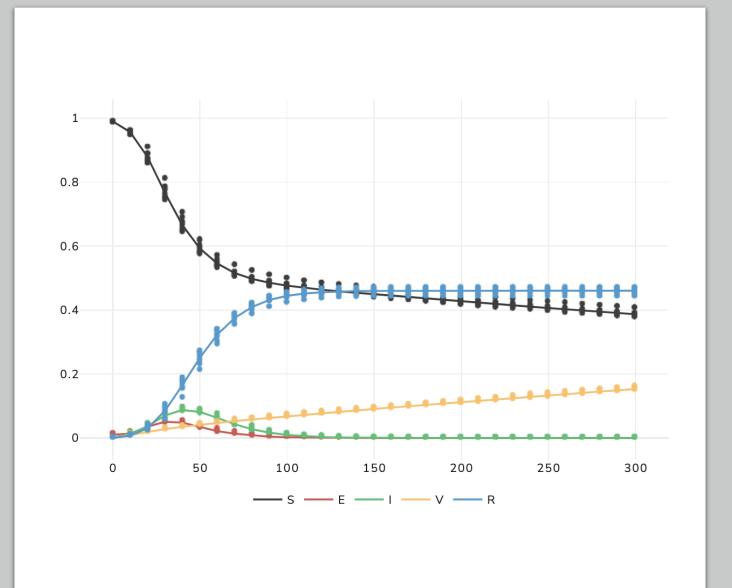


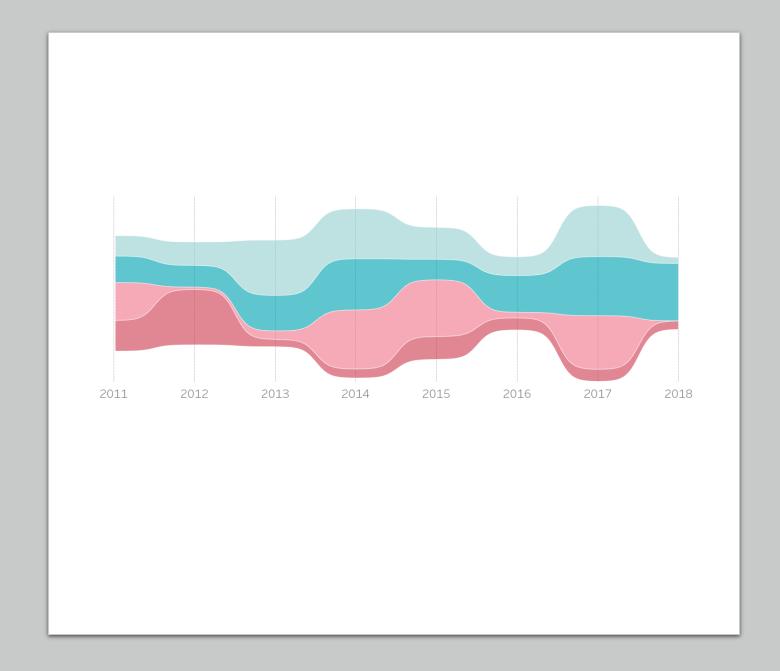
Compartments line graph

- Basic line graph showing the progression of the compartments
- Include error bars/boxplots + show mean
- Examples:
 - http://epi-sim.live
 - https://gabgoh.github.io/COVI
 D/index.html



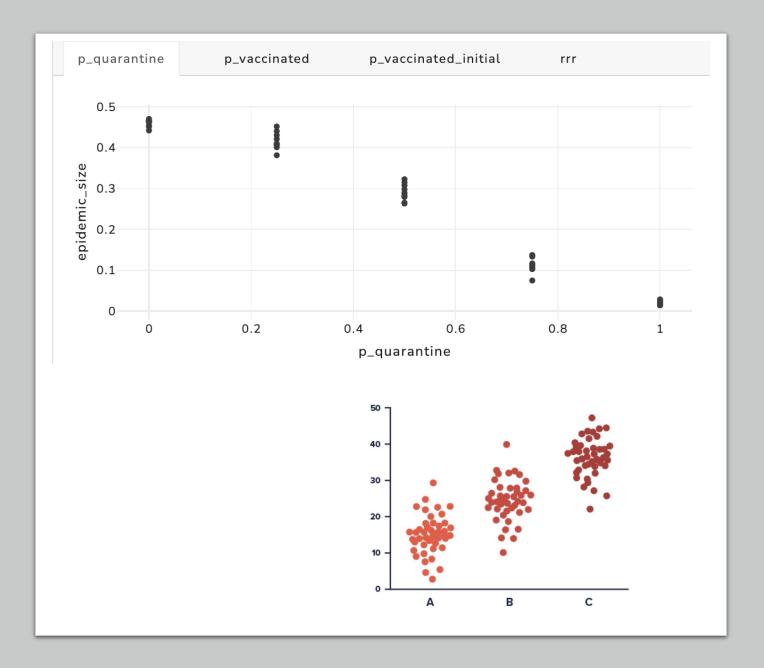
Compartments streamgraph

- same as before but as a streamgraph
- Compartments add up to 1
- No support for error bars etc



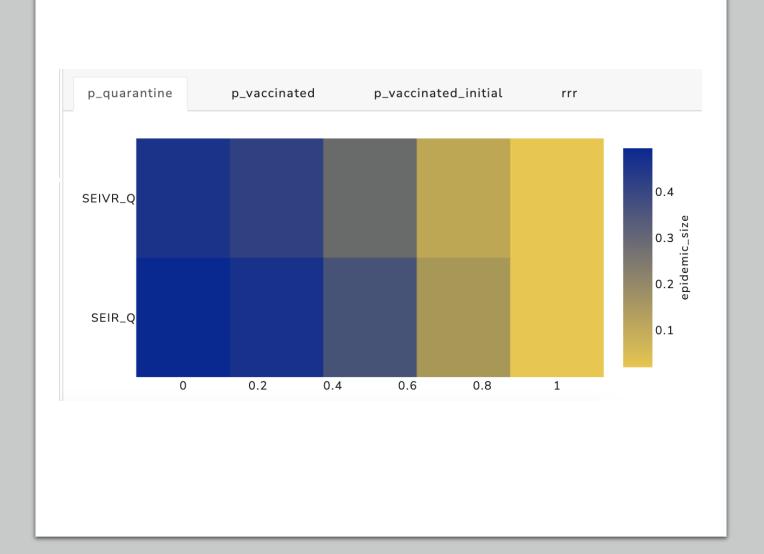
Scatter plot for marginal effects

- Show marginal effect on, e.g., epidemic size when changing a parameter
- Include error bars/boxplot and show mean
- Alternatively, use jitter plot
- Examples
 - http://epi-sim.live
 - https://datavizproject.com/dat a-type/jitter-plot/



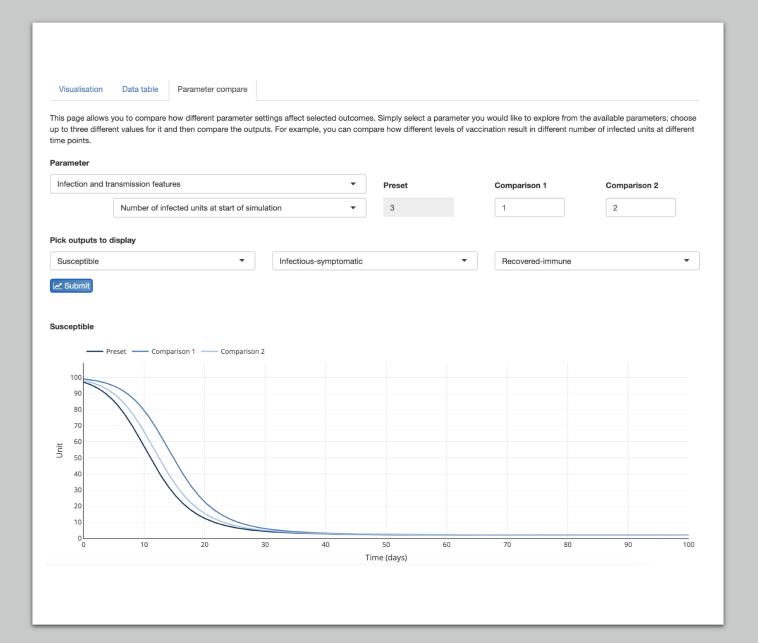
Heatmap for marginal effects

- Same as scatter plot but allows comparison of different models
- No support for error bars etc.
- Examples
 - http://epi-sim.live



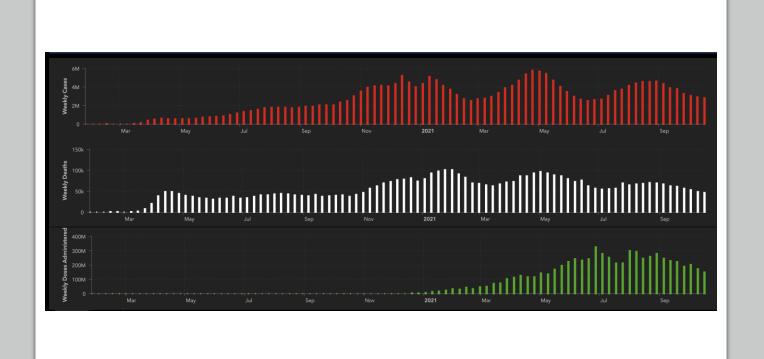
Line chart for single compartment under different parameter settings

- Shows effect of parameters on certain compartments
- Could include scatter/error bar for each line
- Show mean for each line
- Examples
 - https://models.epidemix.app/
 - https://www.sciencedirect.com /science/article/pii/S17554365 17300270



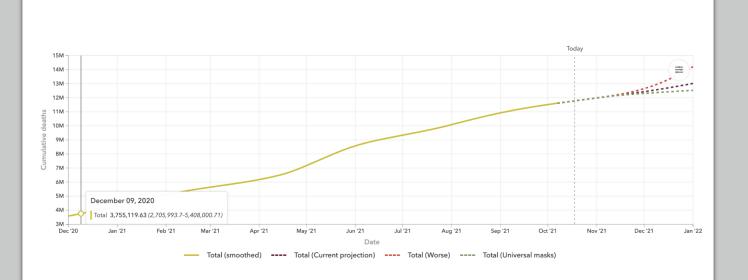
Line chart for new cases per time step

- Common representation for empirical data
- Allows comparison of model to empirical data
- Add error bars / show mean
- Examples
 - https://coronavirus.jhu.edu/ma
 p.html



Line chart for cumulative cases per time step

- Common representation for empirical data
- Allows comparison of model to empirical data
- Add error bars / show mean
- Examples
 - https://covid19.healthdata.org/ global?view=cumulativedeaths&tab=trend

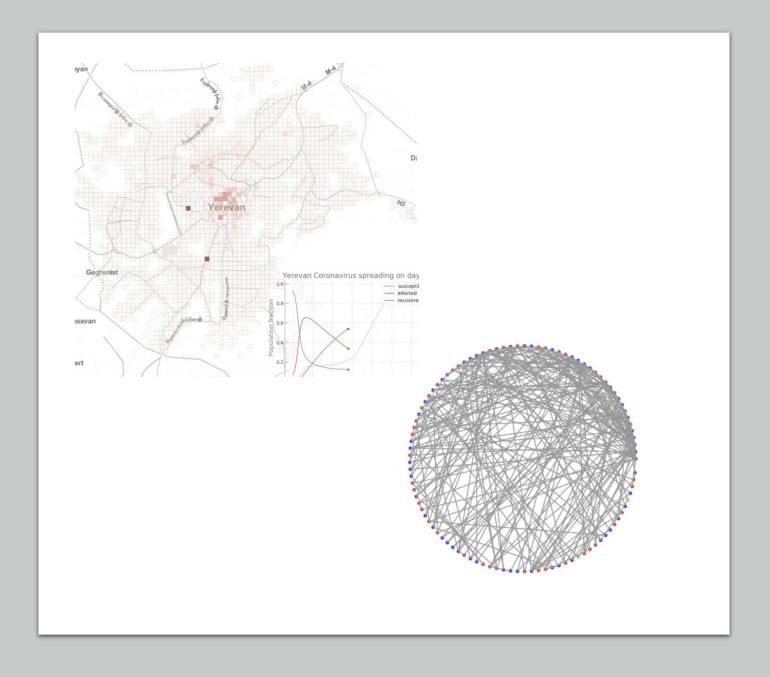


Graph visualizations of spread in the network

- Show compartment membership of nodes over times
- Highlight edges when transmission happens
- NOTE: Requires network at every time step -> only for small networks

Examples

- http://agilevisualization.com/A gileVisualization/Epidemiologic alModels/0301-EpidemiologicalModels.html
- https://towardsdatascience.co m/modelling-the-coronavirusepidemic-spreading-in-a-citywith-python-babd14d82fa2



Graph visualization/arc diagram of compartment size/transitions

- Show each compartment as node
- Change size of node depending on size
- Highlight etc. Edges on transition
- NOTE: Requires network at every time step -> only for small networks
- Examples
 - https://pagerankvis.herokuapp.com/
 - https://datavizproject.com/dat a-type/arc-diagram/

