

title: Analyzing Screening Guidelines Scenarios

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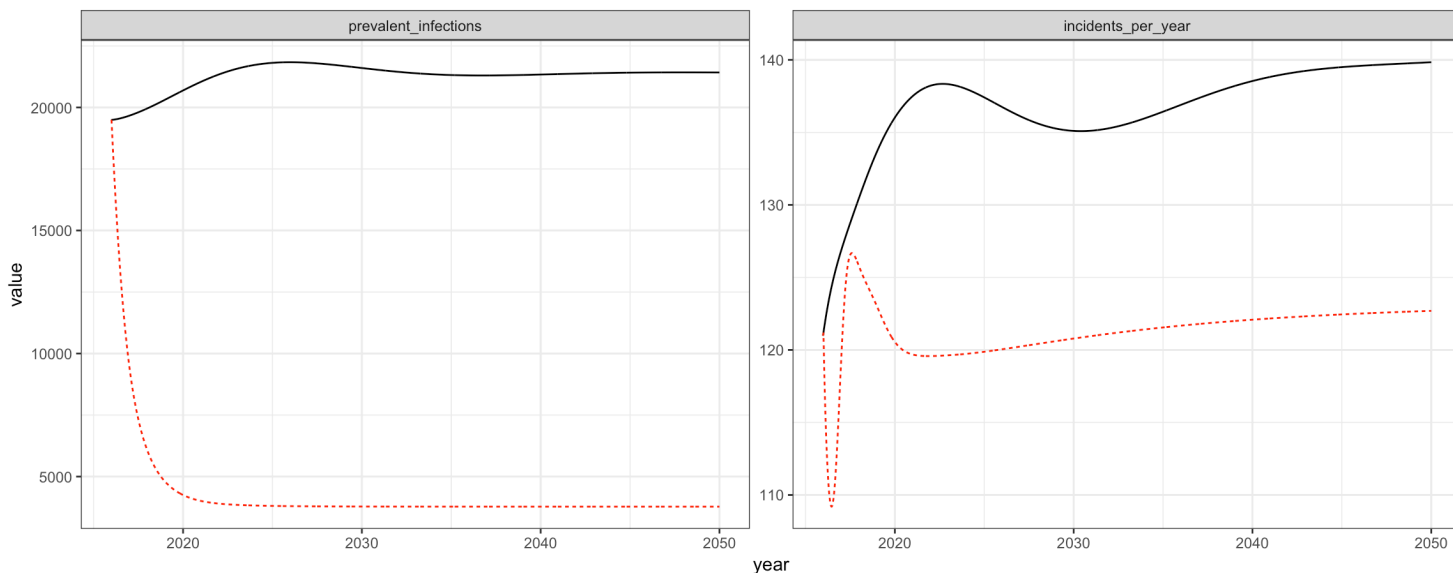
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In this document, we'll set the minimum level screening rates for the entire population and the MSM populations and look at the impact on prevalence and incidence through 2050.

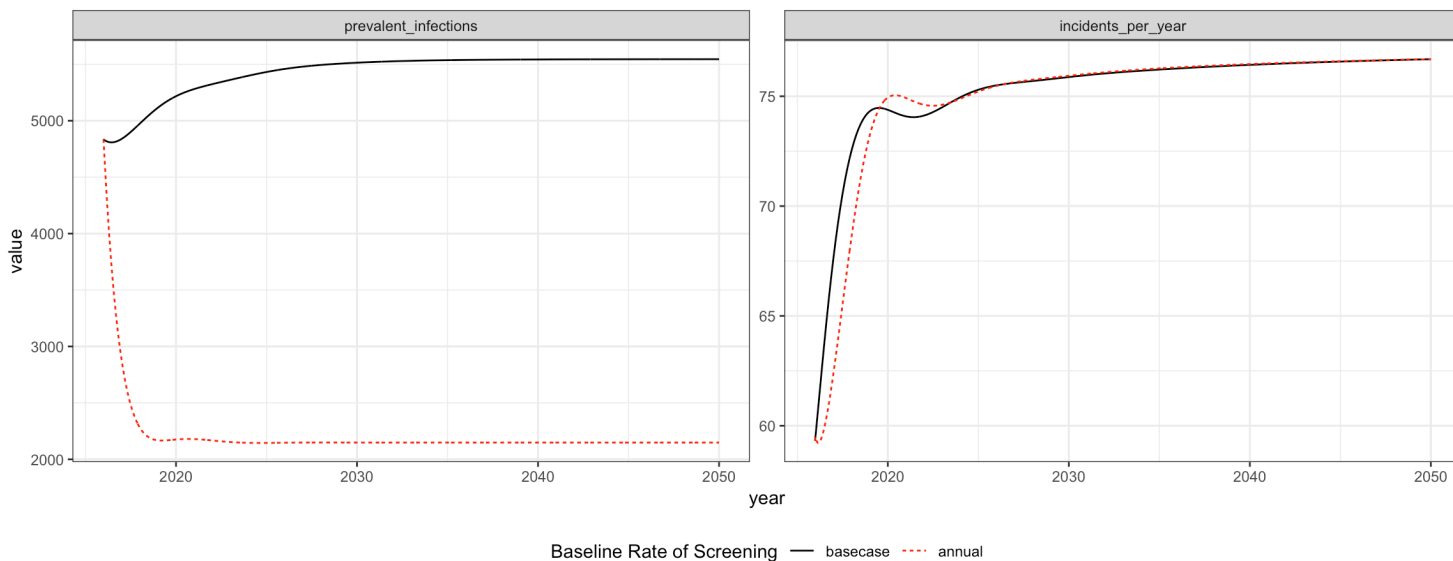
Annual Screening

Let's do annual screening first, as an example.

Annual vs. Basecase in Louisiana

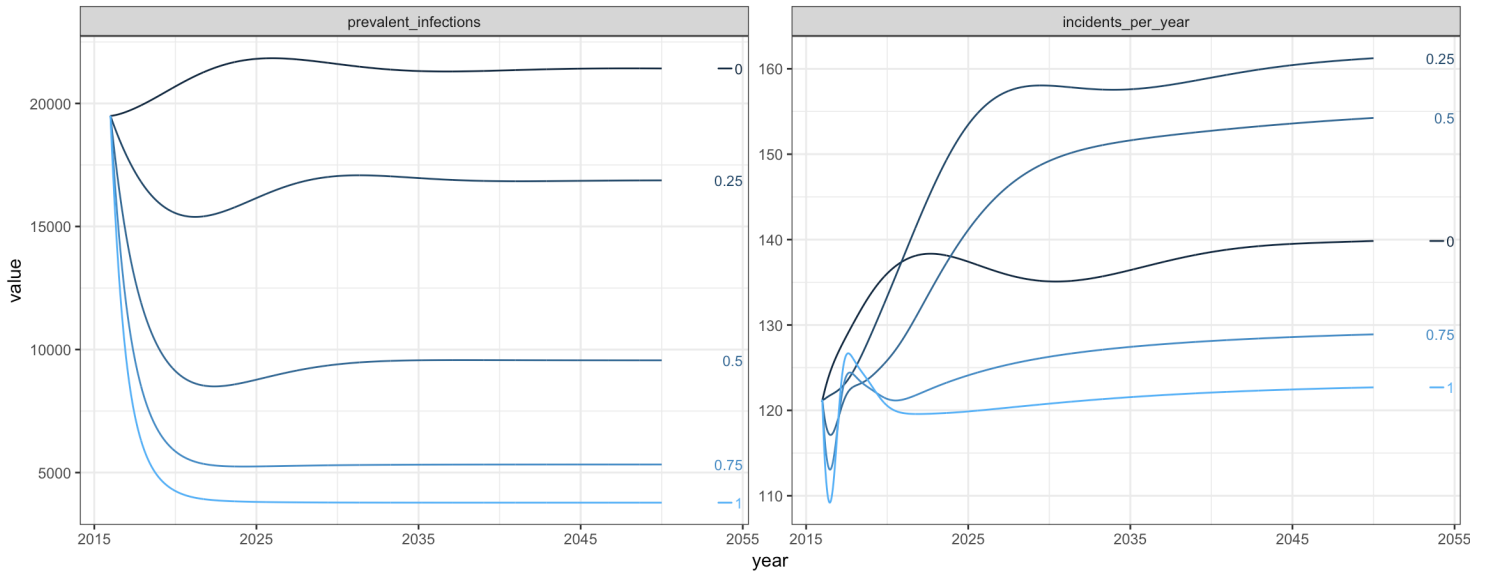


Annual vs. Basecase in Massachusetts

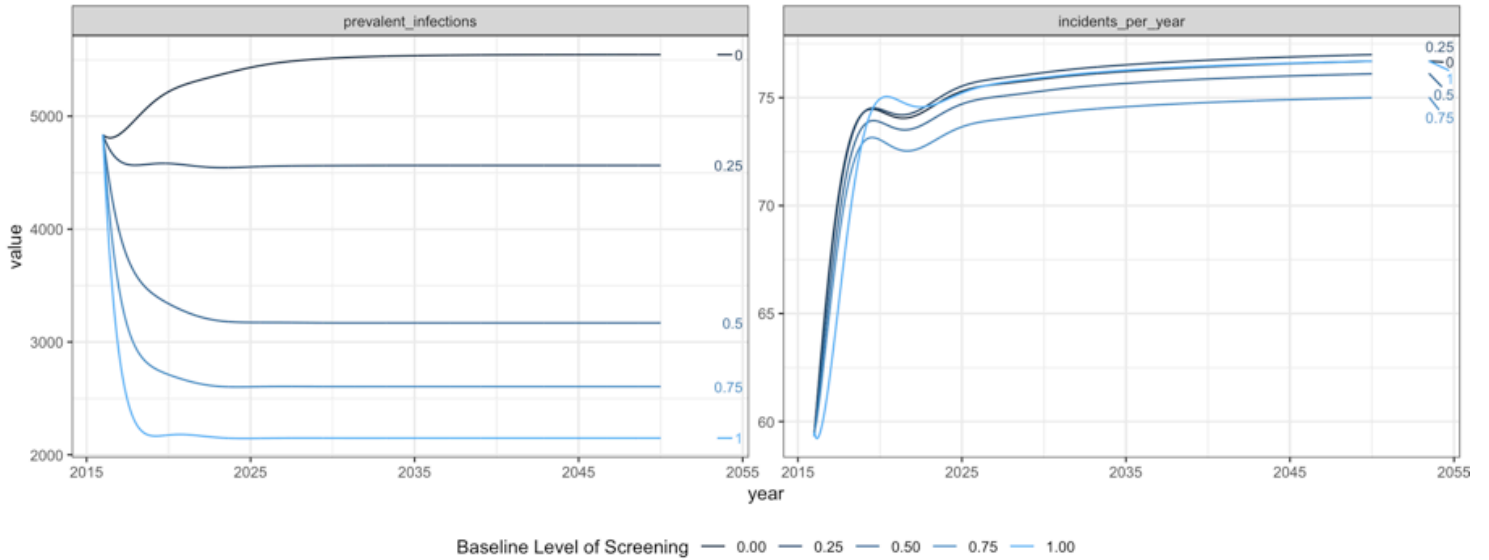


Increasing Baseline Screening to Every 4 years, 2 years, 1.5 years, and once a year year

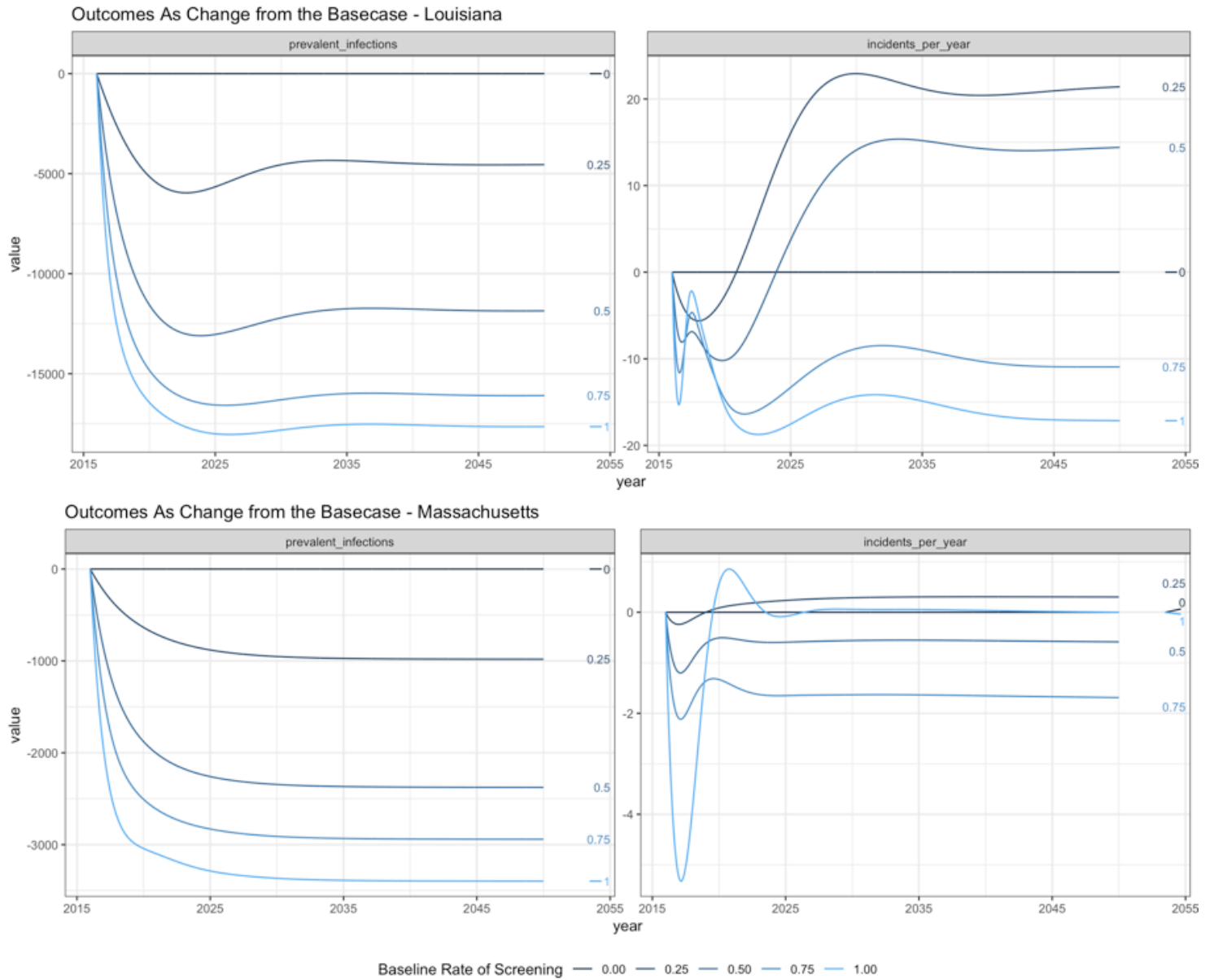
Louisiana



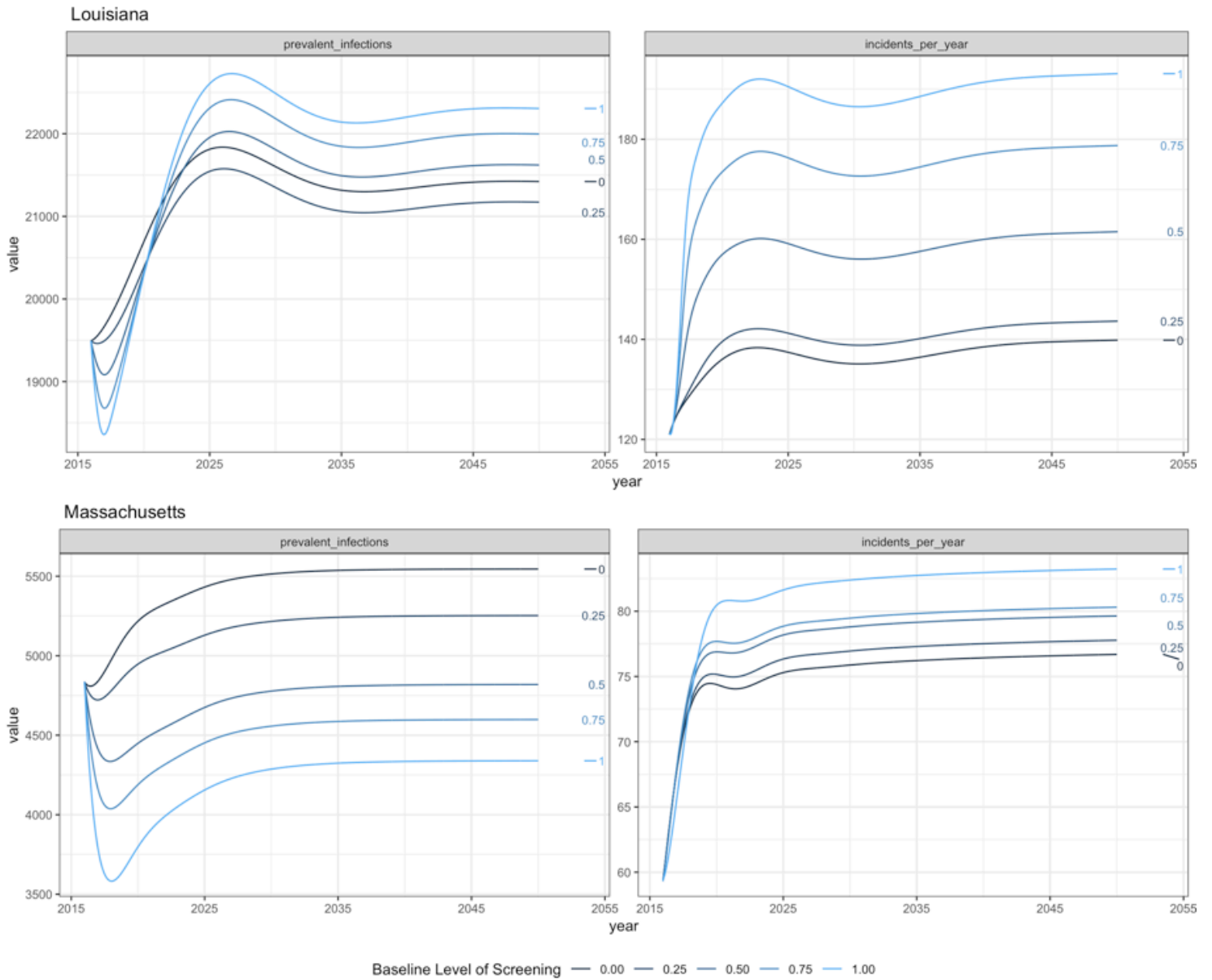
Massachusetts

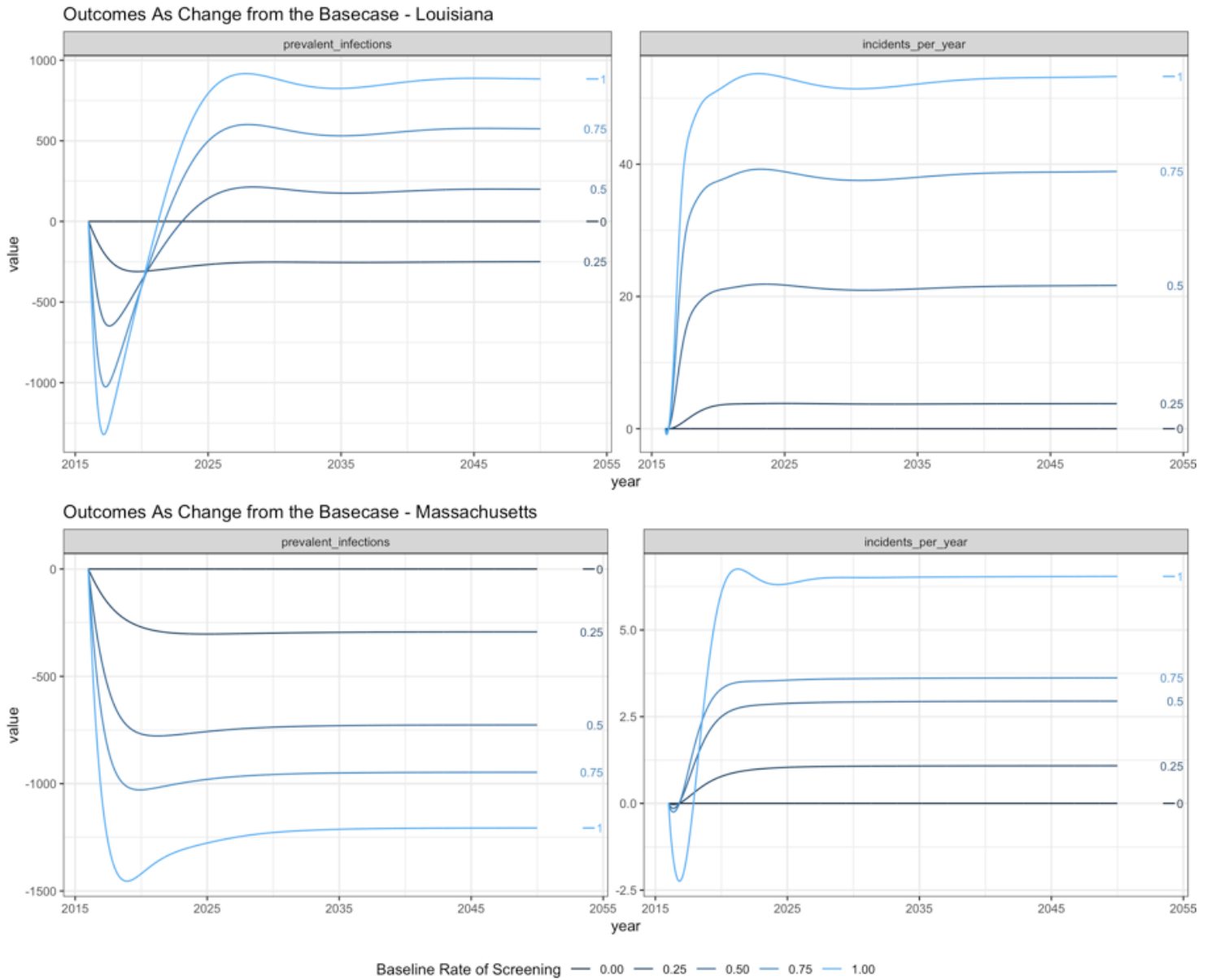


Baseline Level of Screening — 0.00 — 0.25 — 0.50 — 0.75 — 1.00



Now 4 Levels for MSM

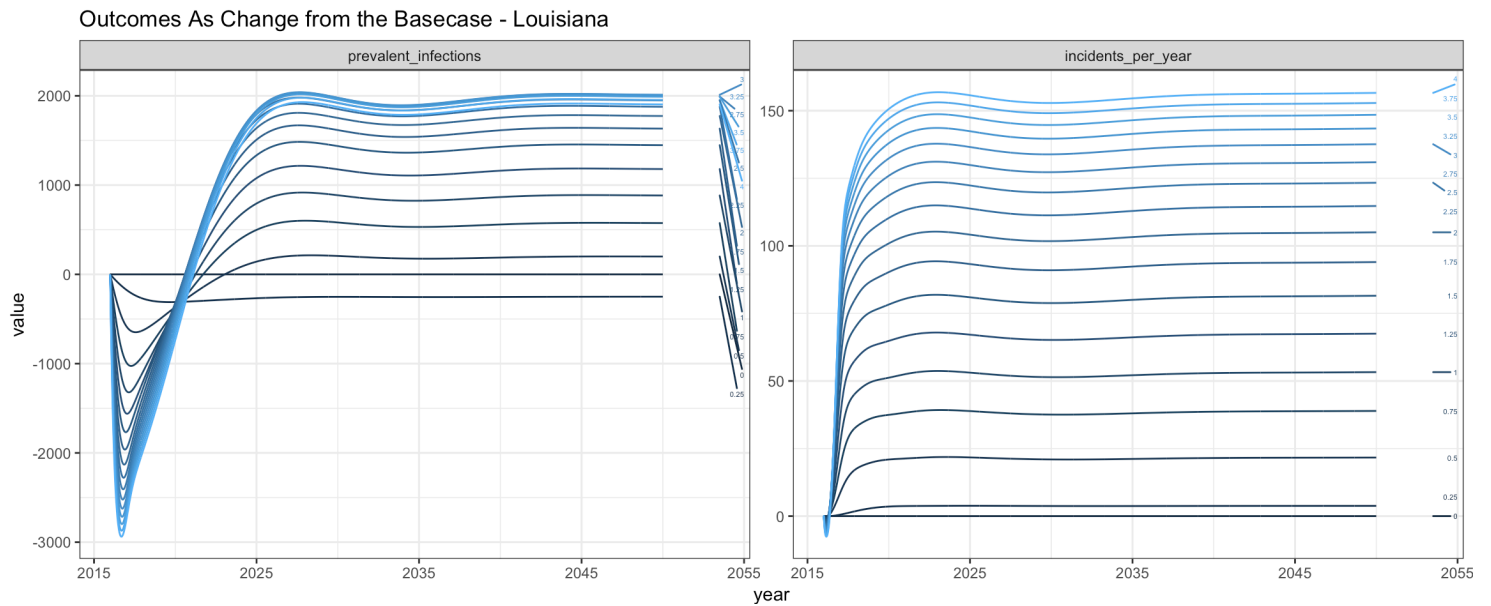
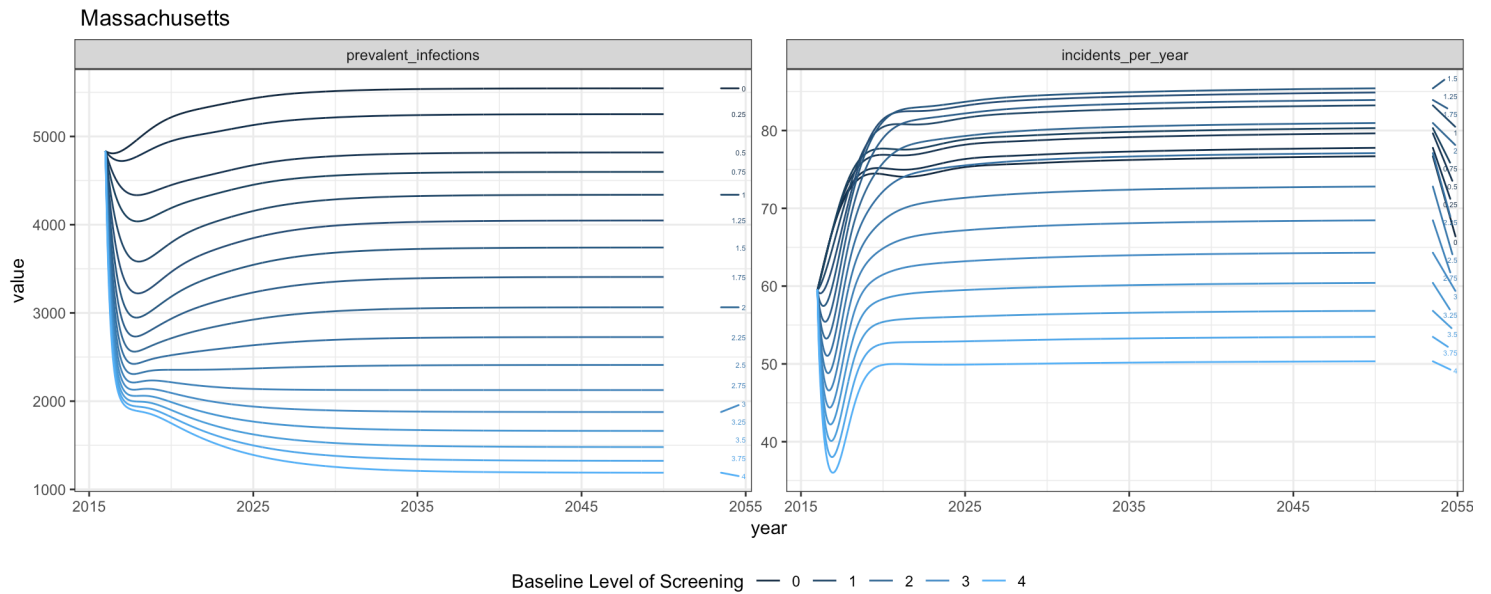
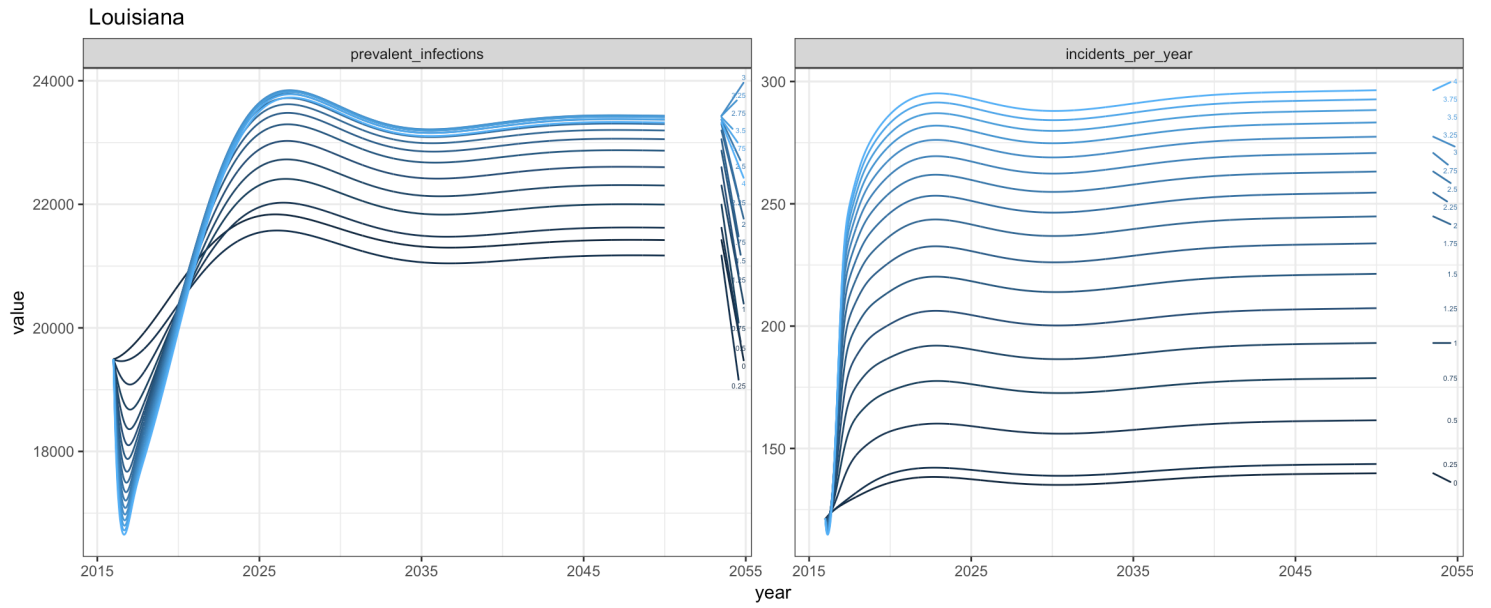




Baseline Screening Rates for MSM seq(0,4,0.25)

We can observe that in Louisiana, it appears that screening levels at or above 0.5 times yearly cause an increase in prevalence.

Does it ever start to decrease?



Outcomes As Change from the Basecase - Massachusetts

