Research Meeting & Communication Plan[1]:

    A. Items As of Last Meeting:
        1. Try non-linear model we discussed

    B. Meeting Agenda
        1. Non-linear model as linear mixed model, identification
        2. County models
        3. Judge models

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[1] Please save the document as RMC_Template_lastname_firstname_MM_DD_YY.pdf

C. Executive Summary
   a. Key Findings/Results
      1. Our non-linear model and alternatively be specified as a linear mixed model which is much easier to estimate. These mixed models estimate a different trial/plea service rate for each judge.
      2. Unfortunately, the mixed models give wonky estimates, (e.g. some plea and trial service rates are negative).

   b. Key Insights
      1. I think at this point our best bet might be to just go with the model with county fixed effects. The fact that the number of days isn't really comparable across counties/judges is a problem, but I think it might not be egregious since it is an approximation at the end of the day. Plus, the estimates we get from it seem reasonable.

D. Specific Questions to Discuss During the Meeting
      1. Thoughts mixed models and on using the county fixed effects model?

E. Challenges Slowing Our Progress
    1. Service rate estimation.

F. Your Proposed Action Items Until Next Week
    1. Decide what to do about service rate estimation
    2. tackle the estimation of other parameters: hurdle model for probability of conviction and estimated sentence length, defendant cost of trial.

G. Miscellaneous
    a. Attached Documents[2]
        1. Slide Deck: Y   <mark>N</mark>
        2. Research Report: <mark>Y</mark>   N
        3. Updated Paper Draft: Y   <mark>N</mark>

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[2] For the documents you provided, please provide a 1-2 sentence description of the (new) substance.

b. Other Issues/Items[3]
    1. N/A-

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[3] Please state anything we didn't cover above that you think we should discuss