1 Motivation

Need to motivate question

- How long do deviations from trade agreement tariffs last? What are the determinants of these deviations?

- If lobbies have to exert effort to achieve higher-than-MFN tariffs, when will it be worthwhile for them to do so?

- Whether it's a dispute or it's a measure (what does Chad call these?) like AD or escape clause that has not been disputed, it won't be granted for no reason

2 Main Idea

Adapt SOP model to predict whether anti-dumping measures get renewed

- Note that this is not trade war: foreign is applying τ^{*a} in most / all cases

  - **Q**: Are all cases of renewal ones of no punishment, i.e. target country is applying MFN tariff?

- When is it worth it for lobby to exert effort to renew AD measure?

- Lobby must be able to trigger the AD measure in the first place

  - This means disputes/non-adherence to MFN tariffs must happen on the equilibrium path

  - Need uncertainty, asymmetric information, something

  - In my model, it is symmetric political uncertainty about how ITC will rule. Why would there be uncertainty?

    * Directly about strength of evidence? (indirectly about retaliation / dispute)
    * Differential valuation about harm to industry—how central the industry is, how politically powerful
    * **Q**: What are all the factors that have weight in ITCs decision-making? Are they influenced by other political factors?

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      ∗ Does Congressional uncertainty transfer over to ITC uncertainty?

- In this setup, need "dispute" to last for 5 periods (years)

    - Then can extend it.
    - **Q**: for five more years?

- Why would there be variation in one lobby's incentives between $t = 1$ (original application of AD) and $t = 6$ when it comes up for renewal?

    - Uncertainty could be an answer, *and* it varies across industry
    - **Q**: Is this a plausible story?

- Also have to adapt model to cross-industry to get necessary variation

    - I've already done some of this leg work for the NSF proposals, thinking about PTA project

3   Median Legislator's Condition

- I believe I have to change the legislature's condition to be more like the cheater's payoff for this context

$$W_{ML}\left(\tau^{AD}, \tau^{*a}, \gamma(e,\theta)\right) > W_{ML}\left(\boldsymbol{\tau^a}, \gamma(e,\theta)\right)$$

    - Need to make sure this is not always the case.
        ∗ Median legislator still has to balance (weighted) producers and consumers.
        ∗ If $\gamma = 1$, would pick optimal tariff.
        ∗ If γ is so low that $\tau^N < \tau^a$, then agreement will hold. If $\tau^a < \tau^{AD} < \tau^{AD}$, depends on which is closer in welfare terms
    - Seems to work okay in Matlab example: just pushes up break probability, trade agreement tariff; reduces gamma and effort ("SOP_example.m")
    - Need to check exec's SOC

- There could also be uncertainty about the probability that foreign will dispute the AD measure; that could change from the original to the renewal

4   Cross-industry Variation

- Lobby facing same uncertainty, behaving in same manner may get different outcome in the two draws (five years apart)

    - In first round, τ^{AD} is endogenous. It's exogenous in second round of play.

- Industry / lobby gets richer / more insulated for five years

    - This could lead to differences in budget constraint if that were in model

    - May not need budget constraint if extra budget allows them to invest in technology

        * Come to question of whether protection and technological upgrading are complements or substitutes

        * Lobbies that have more to gain have more opportunity to *either* gather strength to become more competitive *or* become more politically powerful to seek more protection

        * Perhaps some cross-industry measure of restraints on political strategy that would push toward substituting to technological

    - This could lead to differences in ability to deal with technological gap with foreign competitors

        * **Q**: This is one of the arguments for escape clause, no?

- Even if AD economic conditions can't be measured / don't bind, doesn't mean that real economic conditions don't play into ITC's decision-making process

- Uncertainty could change, so behavior would change (this would be hard to pick up in the data that I have)

5 Model

What are the *essential* insights I want to capture?

6   Chad and Maurizio's project

- Chad and Maurizio Zanardi are working on a paper on AD 5-year reviews

  - After five years, they come up for review

    * Some AD measures get removed, some not, some go to dispute
    * This is, of course, conditional on getting to five years

  - They have the data, but are not exploiting cross-industry variation

    * Instead, aggregate variation, things like recessions, exchange rates

  - They don't have a theory for the cross-industry variation, because the economic determinants are meaningless after five years

    * No injury, import surges: they've been protected for five years. No variation in new economic date b/c they've been insulated
    * What's the economic test? There really isn't one. "Would there be injury if we removed the duty?"
    * Politics could be that theory (my theory from above)
      · Q: Does hiring of lawyers for AD procedure get caught up in LDA data?