

### Outline

- The pros and cons of ex-post evaluations
  - Why do we need ex-post evaluations?
- Institutional details matter
  - Compulsory or not?
  - Resources: budget, data, people
  - Quality check: in house studies or outsourcing?
- Methodological issues (Peter Ormosi)
- The way ahead



#### The Pros and cons of Ex-Post evaluations

- Ex-post evaluations are strongly advocated by the academic community and are quite positively perceived by authorities, case handlers, and policy makers
  - Consensus emerged that ex-post evaluations should be seen as an integral part of competition policy enforcement
  - The use of ex-post studies of competition policy enforcement has substantially increased over the last two decades
  - Yet, quite few competition authorities around the world are making use of this instrument
- How can the collected experience motivate and help other, less experienced institutions to follow this path?
- Identify and define some best practices and useful institutional arrangements



# Why do we need ex-post evaluations?

- Improve policy making: learning and correcting mistakes
  - Two large series of ex-post evaluations by the US FTC (hospital mergers and petroleum industry) led to policy improvements
  - Results from retrospective studies helped the UK CMA shaping institutional details (e.g., merger assessment guidelines)
- Evaluate the predictive power of methodological tools
  - How accurately ex-ante merger simulations can predict observed ex-post outcomes
  - Better understand what specific economic market models are more adequate to represent specific industries
  - What kind of data are necessary and how they can be obtained
- Serve advocacy purposes and improve accountability
  - Externally and internally demonstrate the impact of enforcement work
  - More easily quantify and communicate to the public
  - Deter anticompetitive behavior



#### Institutional details matter I

- Compulsory or not?
  - Compulsory assessment helps integrating ex-post evaluations in the process of policy making and enforcement
  - It helps establishing a fairer division of (limited) resources between regular enforcement activities and retrospective studies
  - It might put authorities too much under pressure if limited resources
- Resources: budget, data, people
  - To ensure a minimum quality standard, both the quantity and quality of the involved staff, as well as the quality of the data has to be assured
  - Research team should be constituted of one or more senior economists as well as junior economists with strong empirical skills
  - The choice of the data to use in the analysis is crucial
    - They heavily influenced the exact design of the evaluation framework
    - Allocate a budget for data acquisition when planning the evaluation
    - Think about the possibility of requiring the parties involved to provide data for the ex-post evaluation (especially in the case of remedies)



### Institutional details matter III

- Quality check: in house studies or outsourcing?
  - Peer-review 'quality-checks' are central to a successful ex-post evaluation
    - Strike the balance between in-house and outsourced activities
    - Build a in-house stock of knowledge
  - Academics can/should be involved to transfer the knowledge frontier from the academic work to policy and might take different roles:
    - Main consultants who actively run the evaluation themselves
    - 'Quality-checkers' or 'peer reviewers', who control the in-house work
    - 'Teachers' who help building up the in-house stock of knowledge
  - Consider publishing the results of ex-post evaluations in academic journals subject to a serious peer-review process
    - Help reinforce the belief that policy making is based on serious, scientific, evidence-based research and, hence help reaching advocacy goals



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# The way ahead I

- Most of the existing studies focus on merger policy
  - Other areas of competition policy enforcement have not been systematically evaluated so far
  - Many methods can be adopted but it is crucial to think more carefully about the differences and peculiarities of such assessments
- Other outcomes than simple price effects are also important:
  - Quality, variety, innovation, entry/exit...
  - Broader effects of policy enforcement: e.g., welfare effects, effect on productivity, deterrence effects, spill-over effects
  - A clearer identification of type I and type II errors
- Not only robust empirical tools but also more general theoretical frameworks are needed



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### The way ahead II

- Still too little work on the clear identification of the effect of specific remedies, which are currently the most commonly used policy tool
  - It might be almost impossible to separately identify the effect of the firms' conduct and the specific remedy
  - Institutional details, timing, and regional variation might be helpful
  - Perhaps structural methods and simulation can be particular helpful
- Still very little analysis of the role of judges and the evaluation of their decisions
- Discussion is still needed on how to deal with possibly negative results from evaluations

