

Credit for Data Sharing

FORCE 2017, October 25-27, 2017, Berlin

Team

Barbara Bierer, M.D., Multi-Regional Clinical Trials Center, Brigham and Women's Hospital, Harvard University

Heather Pierce, JD, MPH, Association of American Medical Colleges

Jeffrey Drazen, M.D., The New England Journal of Medicine

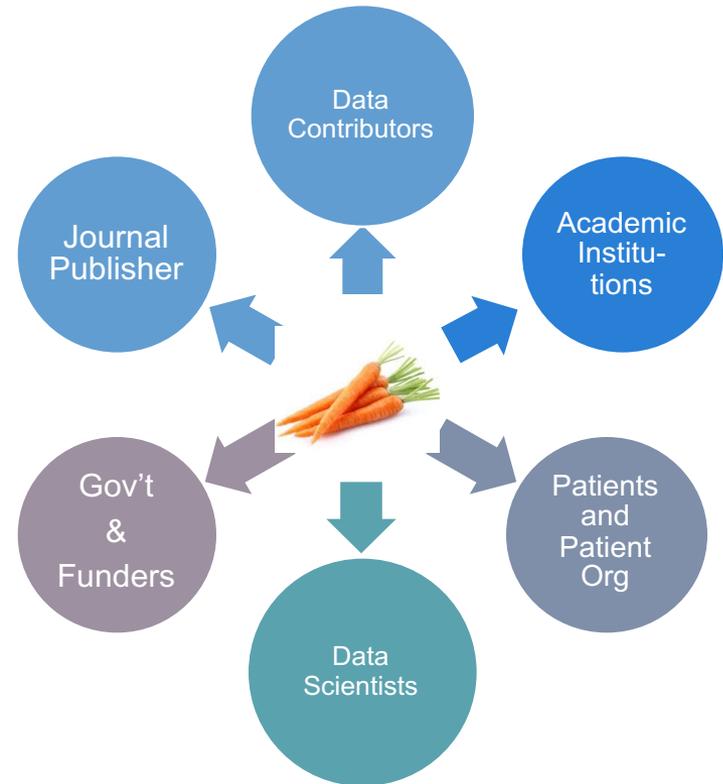
Mercè Crosas, Ph.D., IQSS, Harvard University

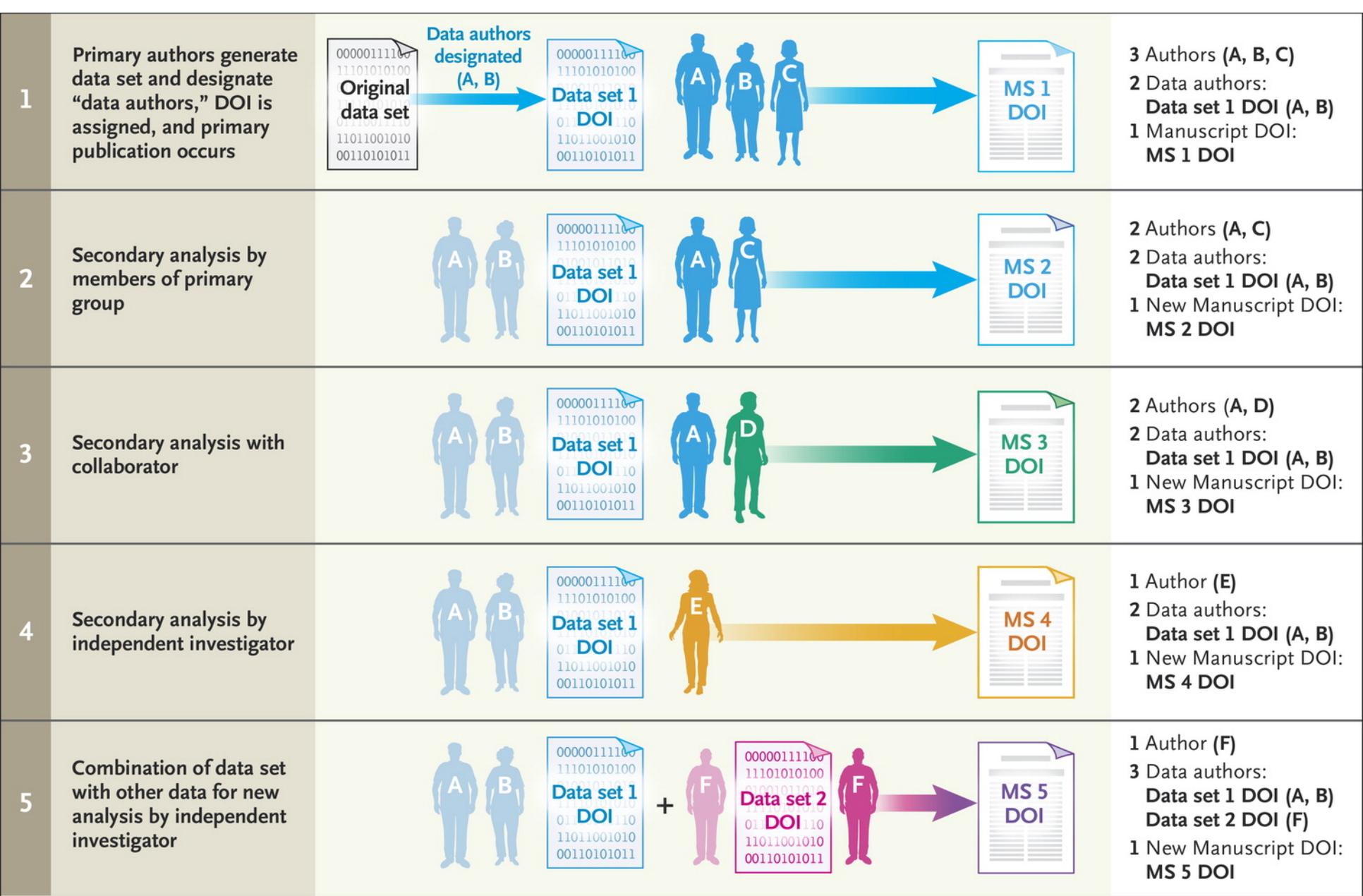


The NEW ENGLAND
JOURNAL of MEDICINE

Introduction / Background

- Well appreciated that there is little positive reward or academic recognition for sharing data
- Incentives may be needed to encourage a culture of data sharing
- Systemic approach needed and many stakeholders have a role in helping this to become a reality
- International effort





Credit for Data Sharing Project Goals

- Assess whether the the concept of “data authors” can be implemented to effectively and consistently incentivize and acknowledge data sharing
- Building on the work that has already been done, identify the gaps and barriers that have prevented such a system from being implemented across journals, academic institutions, and funders
- Recommend specific achievable steps to implement a standardized system across stakeholder organizations

Timeline

- **May 12, 2017:** Kickoff Teleconference
- **July 12, 2017:** In-Person Planning Meeting in Boston
- **September 27, 2017:** Meeting on Technical Issues
- **~Winter 2018:** Conference on Credit for Data Sharing

Key Assumptions

- Different types of datasets (self-contained, dynamic, software, etc.) may require different specific considerations within a single, broadly applicable system
- System resulting from this project should and will incorporate existing efforts
- Focus is on credit for data use *after* it has been shared
 - Issues such as exclusivity periods, costs, data location, and accessibility are out of scope for this project
- In order to cite a data generator, datasets must have a machine readable, global unique identifier (GUID) and citation, which repositories are responsible for assigning
 - Joint Declaration Principles state that the assignment of a persistent identifier must be widely accepted by the community

Progress Thus Far

- Criteria and nomenclature
 - Investigative teams will likely wish to designate and assign contributor roles internally, rather than by published criteria
 - Assignment of data authorship will occur at one control point at the time of GUID assignment
- Academic Institutions
 - University presidents, provosts, and members of tenure/promotions committees may benefit from a roadmap of potential impact of data authorship designation on hiring decisions
 - Citations will need to be open, rather than hidden behind paywalls
- Journals/ Publishers
 - Journals are unlikely to create a second byline for data authors, so we will rely on the GUID (DOI) being referenced either in the references list or by other means
- Funders
 - Funders need a detailed set of recommendations for how data authorship and data sharing ought to influence funding decisions
- Technical Implementation:
 - Existing data citation efforts are being reviewed and integrated with this effort

Thank You!
