

Data Justice and the Next One Billion

Richard Heeks

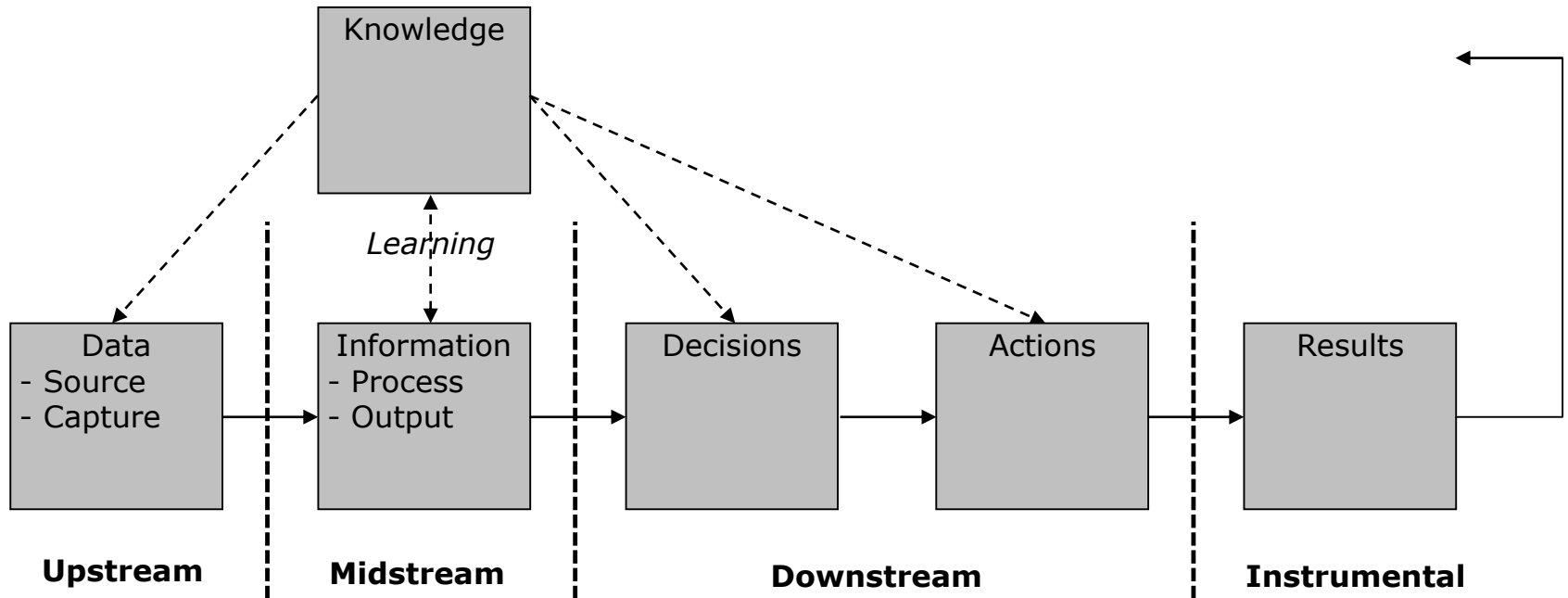
**“Data Science for Connecting the
Next One Billion” Turing
Workshop**



Datafication of Development



The Value of Data for Development



- **Faster**
- **Cheaper**
- **More**
- **Better**
- **New**



Data Justice

“The specification and pursuit of ethical standards for data-related resources, processes and structures”

Article

Data justice for development: What would it mean?

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<http://bit.ly/DatJus1>

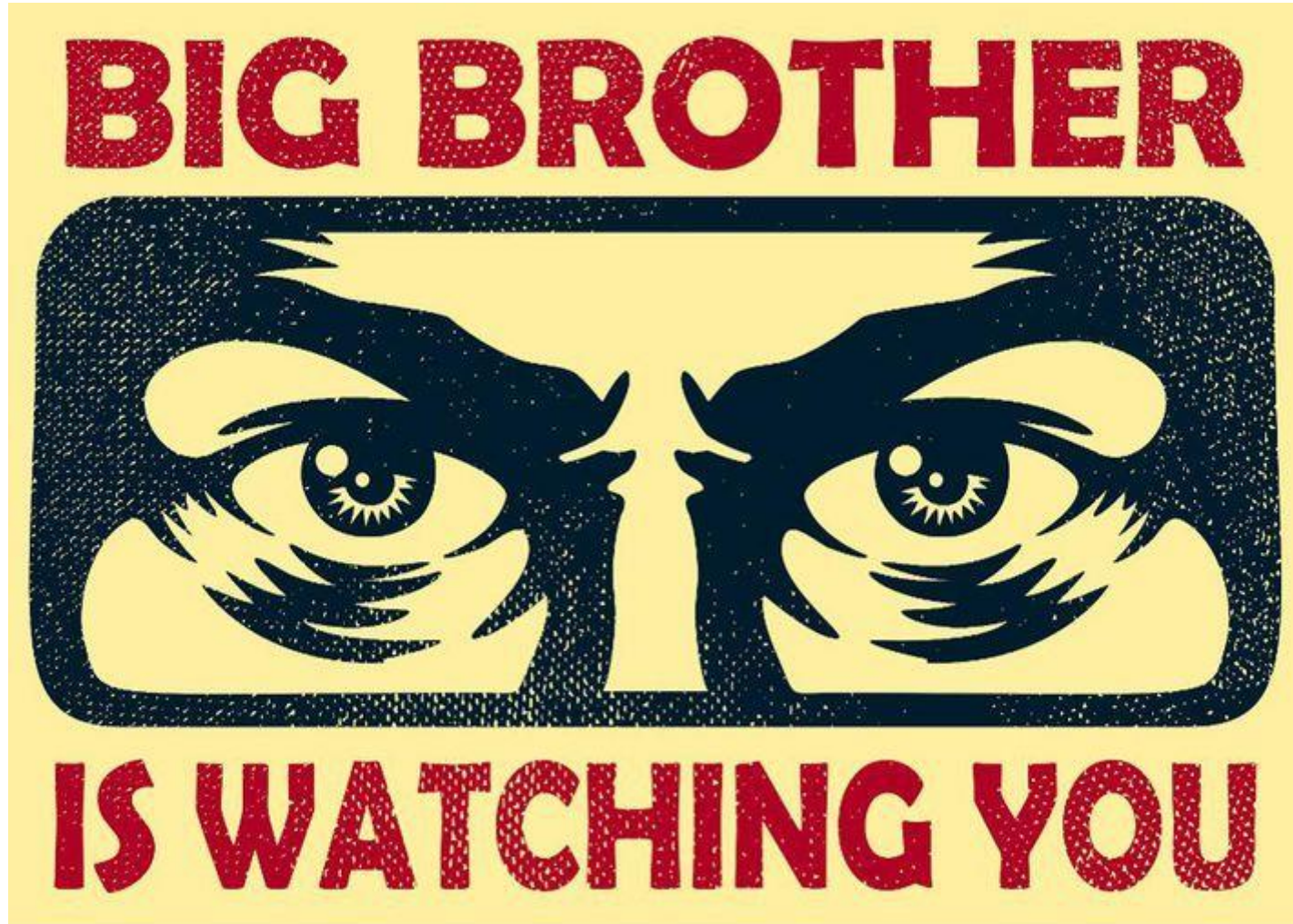


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Procedural Data Justice



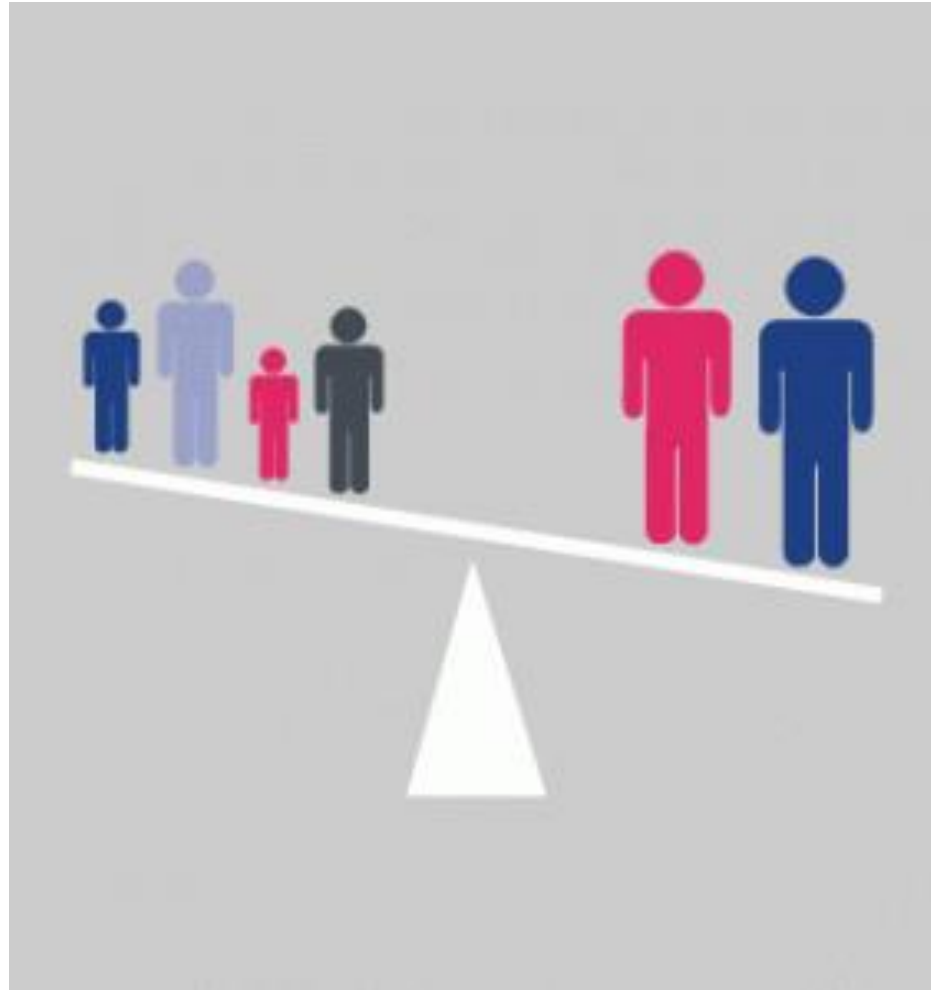
Instrumental Data Justice



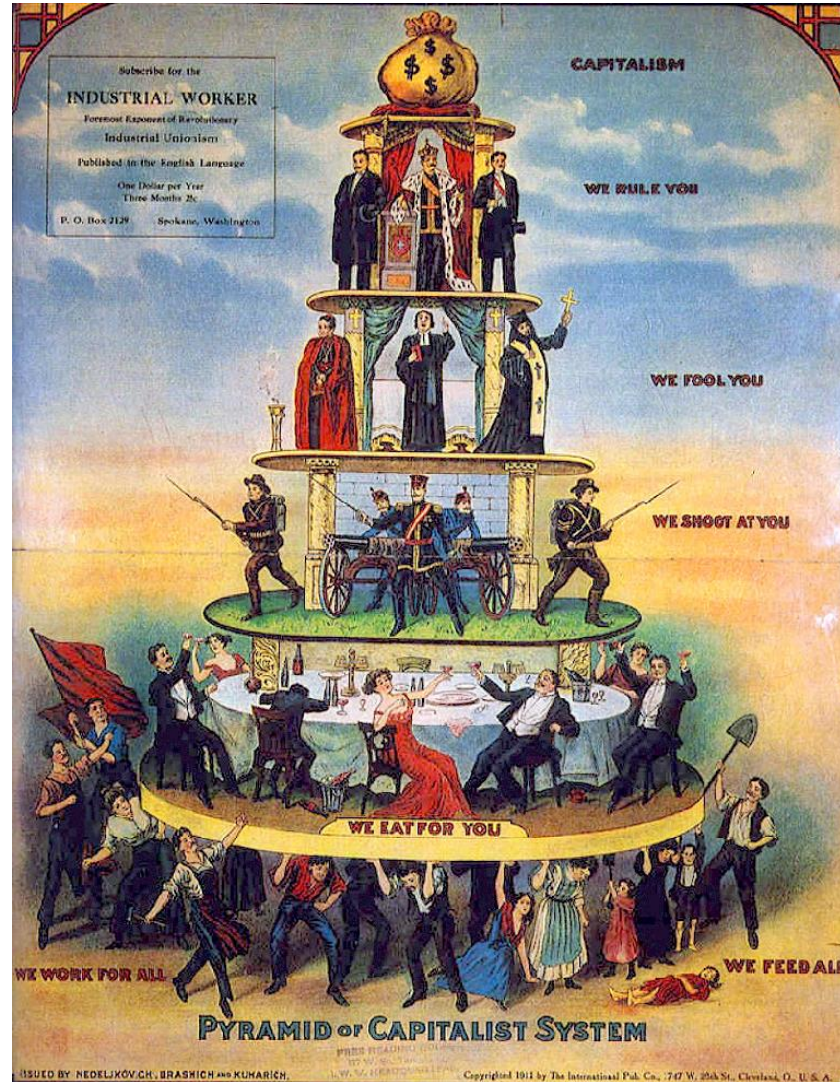
Rights-Based Data Justice



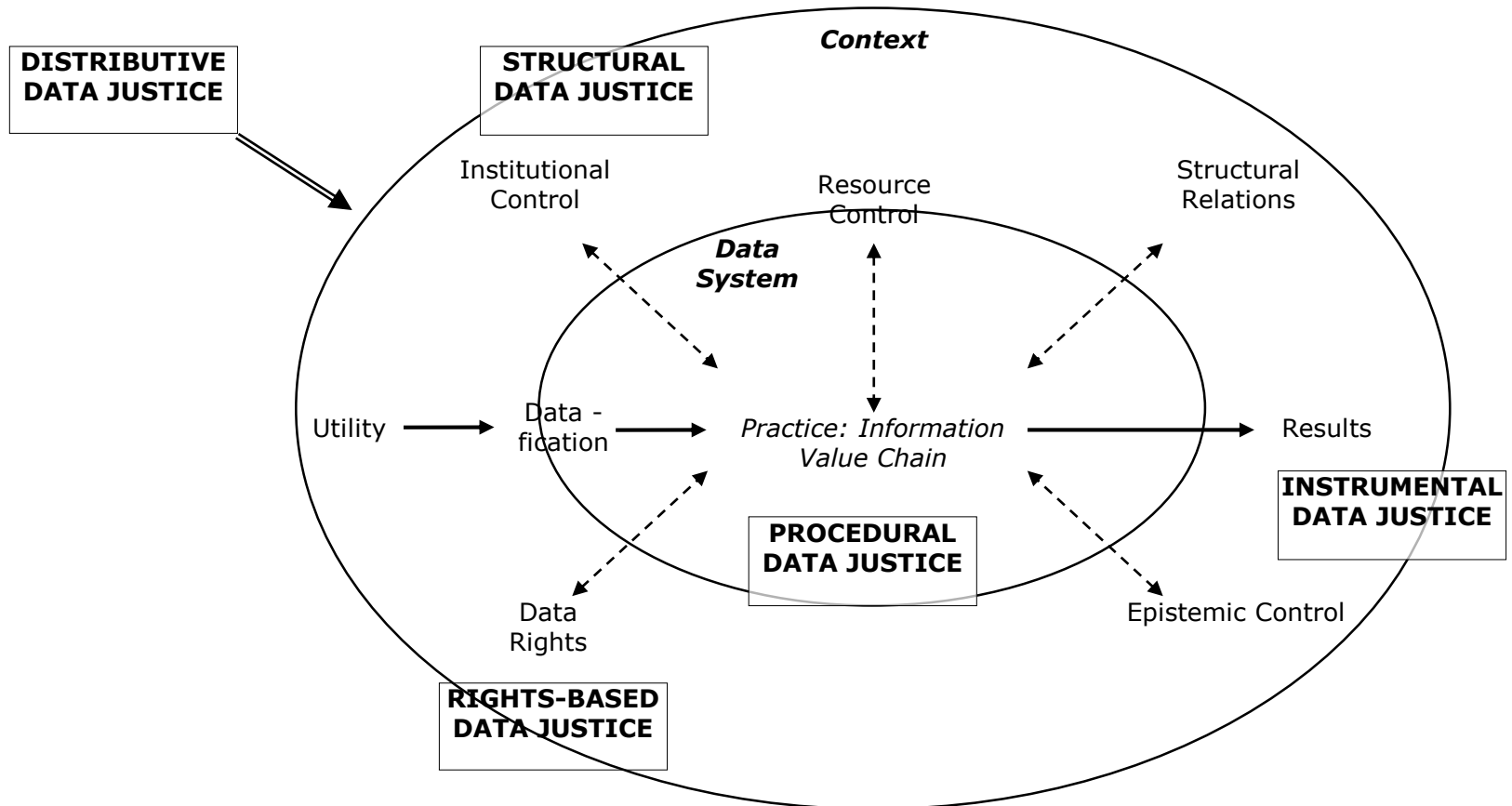
Distributive Data Justice



Structural Data Justice



Data Justice Analytical Framework



Data Justice Manifesto

DATA JUSTICE FOR DEVELOPMENT

A MANIFESTO

- 1 Demand just and legal uses of development data.
- 2 Demand data consent of citizens that is truly informed.
- 3 Build upstream and downstream data-related capabilities among those who lack them in developing countries.
- 4 Promote rights of data access, data privacy, data ownership and data representation.
- 5 Promote data system outcomes that address international development goals and priorities; including the goals and priorities of data subjects.
- 6 Support “small data” uses by individuals and communities in developing countries.
- 7 Advocate sustainable use of data and data systems.
- 8 Support social movements of “data subalterns” in the Global South.
- 9 Stimulate an alternative discourse around data-intensive development that places issues of justice at its heart.
- 10 Develop new organisational forms such as data-intensive development cooperatives.
- 11 Lobby for new data justice-based laws and policies in developing countries (including action on data monopolies).
- 12 Open up, challenge and provide alternatives to the data-related technical structures (code, algorithms, standards, etc) that increasingly control international development.

Professor Richard Heeks, *A Structural Model and Manifesto for Data Justice for International Development*. Read more at bit.ly/DataJustice



Data Justice: Further Reading

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<https://doi.org/10.1080/1369118X.2019.1599039>



Datafication, development and marginalised urban communities: an applied data justice framework

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<https://www.tandfonline.com/doi/full/10.1080/1369118X.2019.1599039>

<https://www.gdi.manchester.ac.uk/research/publications/di/>

