Dissemination

Effektivität

Effizienz

Förderperspektiven

Innovation

Integration

The Impactomatrix

A catalog for impact factors and success criteria

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Nutzung

Publikationen

Relevanz

Background

- First developed in DARIAH-DE II (2014-2016)
- Now part of DARIAH Working Group Impact & Success

Why impact?

- What value does your research provide for the scientific community? For the society? In areas different from research?

- How is your research impacting practices in the Humanities and beyond?

Traditionally,

impact of scholarly work is determined by

- number of publications,
- number of first authorships,
- number of citations,
- amount of third party funding,
- number of PhD students,
- …

Motivation

- There is no common definition of success or impact in the DH
- No statistics to compare similar projects
- Measuring success purely quantitatively can be misleading

Aims

- Create a set of criteria to measure impact
- Applicable to all of DH
- Integrate the views of different stakeholders

Concepts

- *Success* describes a positive and measurable reaction to an activity or a product. Indicators can be specified.

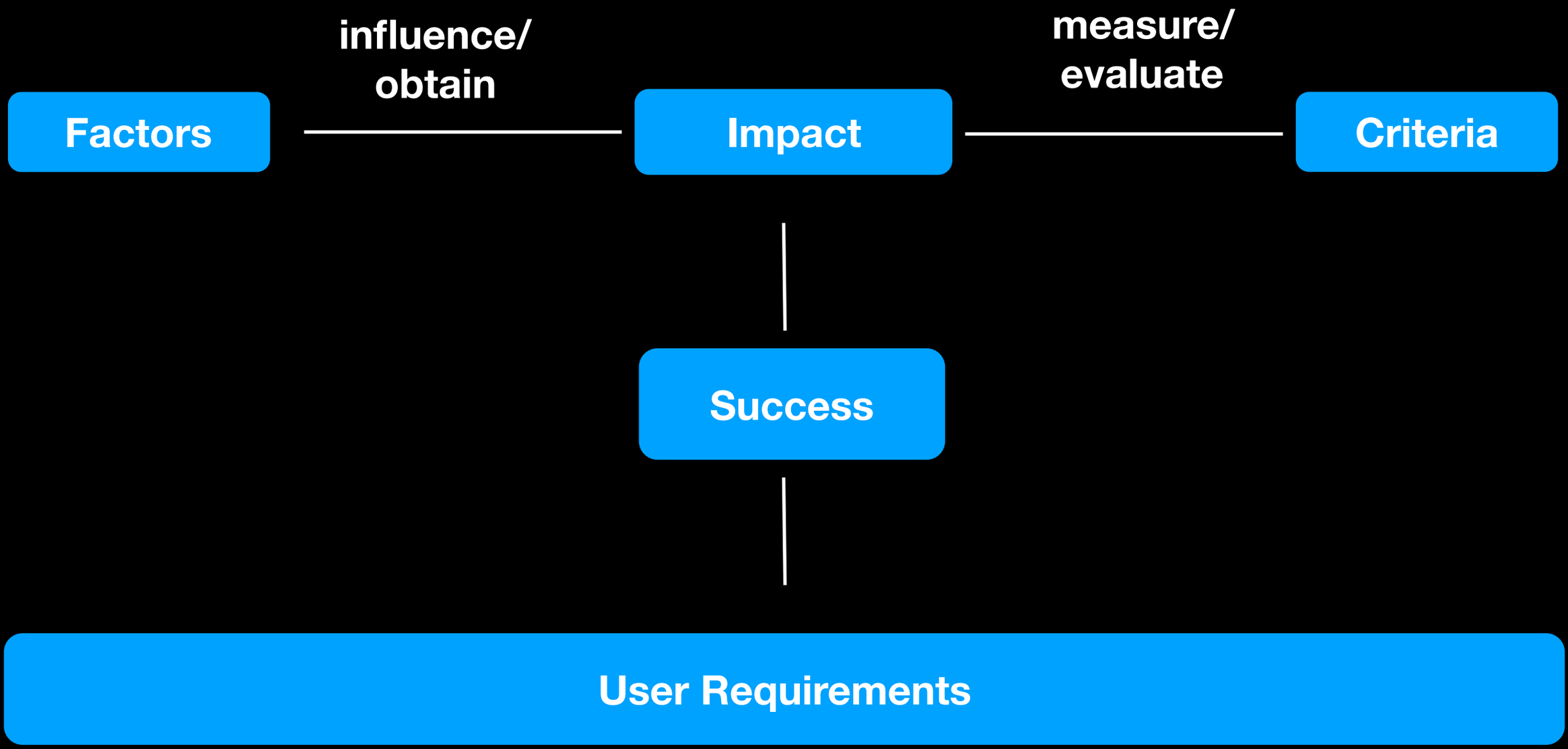
- *Impact* describes the measurable form or the degree of change of the behaviour or attitude of a group

Concepts

- *Factors* describe properties or means for the change of a condition

- *Criteria* describe concrete features in oder to differentiate between conditions

Understanding impact



We gathered impact factors and success criteria

- from literature and stakeholder surveys
- defined 21 impact areas, and
- (a) corresponding success factors which influence change in these areas
- (b) criteria which measure changes in the selected impact area.

Impact areas

- Coherence
- Collaboration
- Communication
- Competitiveness
- Data Security/ Safety
- Dissemination
- Education
- Effectivity
- Efficiency
- External Impact
- Funding Perspective
- Innovation
- Integration
- Publications
- Relevance
- Reputation
- Sustainability
- Transfer of Expertise
- Transfer of Knowledge
- Transparency
- Usage

Example

Factors

- Open-source (offer)
- Providing information and outcomes
- Dissemination of data
- Conservation of data
- Data management
- Documentation of functionalities
- Documentation of code
- Embedding of available digital databases/software/tools
- User involvement
- Interoperability with other tools
- Interoperability with digital resources
- Workflow management
- Measures for long-term use & storage
- Re-usability of infrastructure
- Scalability & modularity
- Technical support
- Support of open file formats
- Usage & support of standards

Sustainability

(Selected) infrastructure components of a VRE will be used or tranferred (after the settlement oft he VRE) in other contexts. This criterion also includes the quality and extent of documentation and the provision of information, knowledge and results. (Buddenbohm et al. 2014, p. 18)

Significant is the formulation of a reuse concept, in which the transfer of reusable components (e.g. research data, software) after the end of the regular operation of the VRE is regulated. (Buddenbohm et al. 2014, p. 13)

Criteria

- Publication of data
- Documentations (quality & extent)
- Costs for resources (negative growths)
- Usage of provided results
- Usage of integrated databases/software/tools
- Use of (used) standards
- Re-use of code (e.g. github forks)
- Support of open data formats

https://dariah-de.github.io/Impactomatrix/

Sustainability

Open Source
Documentation of functionalities and code
Scalability & modularity
Support of open file formats

Sustainability

Re-use of code (Github forks)
Support of open data formats
Quality and extent of documentation

Use it to write funding applications!

Application – Grant proposals

- React to impact that is expected in the call
- Address the factors in the project to increase the influence in a certain area
- Criteria can be identified as indicators to measures success

In short

- Measure success of digital tools and projects
- Connect areas of impact with factors and criteria
- Qualitative as well as quantitative assessment
- Applicable to all kinds of DH projects

Interested in impact?

WG Impact & Success

- Send us use cases
- Join the DARIAH-EU Working Group »Impact factors and success criteria«
- Read the DARIAH-DE Working Paper: http://nbn-resolving.de/urn:nbn:de:gbv:7-dariah-2017-1-7
- Hack the matrix: https://github.com/DARIAH-DE/Impactomatrix

DARIAH-EU

Sources

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