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Collaboration for
Leadership in Applied
Health Research and
Care South London
(CLAHRC South London)



Understanding the influence of external context factors on implementation to improve scale-up and spread of innovations across settings

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Why external context?



“In 2013 more than 1.2 million people in EU countries died from a range of [...] diseases as well as injuries that could have been avoided through better public health and prevention policies and the provision of more effective health care. **Many lives could be saved if the standards of care were raised to the best level across EU countries.**”

Why external context?

Dixon-Woods et al. *Implementation Science* 2013, **8**:70
<http://www.implementationscience.com/content/8/1/70>



IMPLEMENTATION SCIENCE

RESEARCH

Open Access

Explaining *Matching Michigan*: an ethnographic study of a patient safety program

Mary Dixon-Woods^{1*}, Myles Leslie², Carolyn Tarrant¹ and Julian Bion³

Abstract

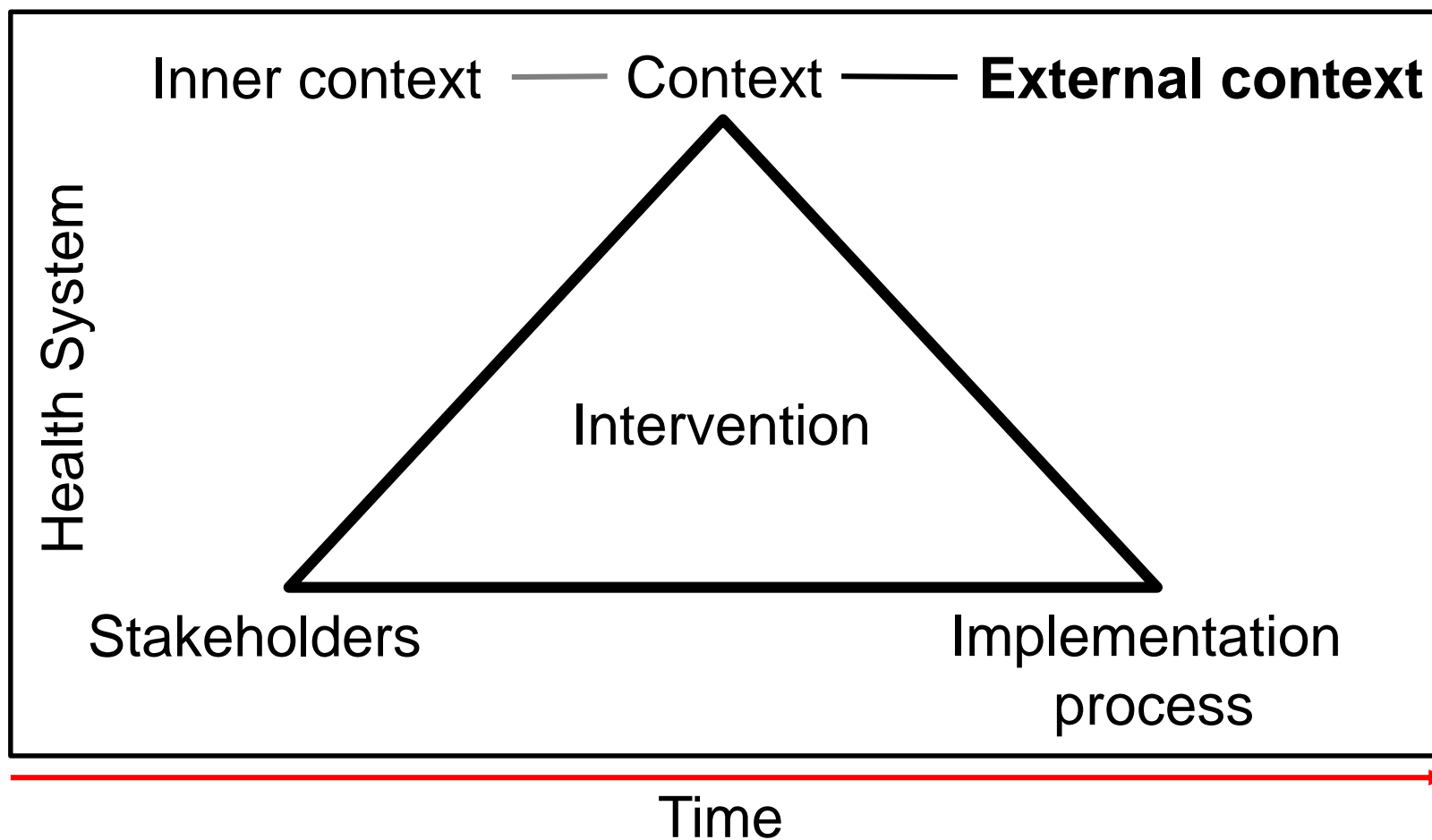
Background: Quality and safety improvement initiatives in healthcare often display two disconcerting effects. The first is a failure to outperform the secular trend. The second is the decline effect, where an initially promising

“Had the relevance of the context been more fully acknowledged [...] more might have been achieved.”

External context is...

- ... a matter of scaling-up and transferring good practices to stop reinventing the wheel.
- ... a matter of reducing decline effect, variability and inequality when implementing interventions.
- ... a matter of implementation outcome
- ... a matter of a complex adaptive (health) system into which we try to implement something new.

External context is...





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How do external context factors influence the implementation of health and social care interventions into practice that were transferred from another place or are implemented in multiple places?



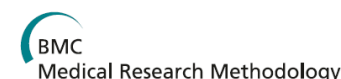
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Best-fit framework synthesis

Carroll et al. *BMC Medical Research Methodology* 2011, 11:29
<http://www.biomedcentral.com/1471-2288/11/29>



RESEARCH ARTICLE

Open Access

A worked example of “best fit” framework synthesis: A systematic review of views concerning the taking of some potential prophylactic agents

Christopher Carroll*, Andrew Booth, Katy Cooper

Contributed from <http://www.biomedcentral.com/1471-2288/11/29> on November 11, 2011. Published by Springer, 2011. This article is published under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/2.0/>), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author(s) and source are credited. **BMJ Quality & Safety Online First, published on 25 August 2015 as 10.1136/bmjqs.2014.003642**

RESEARCH AND REPORTING METHODOLOGY



OPEN ACCESS

How to build up the actionable knowledge base: the role of ‘best fit’ framework synthesis for studies of improvement in healthcare

Andrew Booth, C

Carroll et al. *BMC Medical Research Methodology* 2013, 13:37
<http://www.biomedcentral.com/1471-2288/13/37>



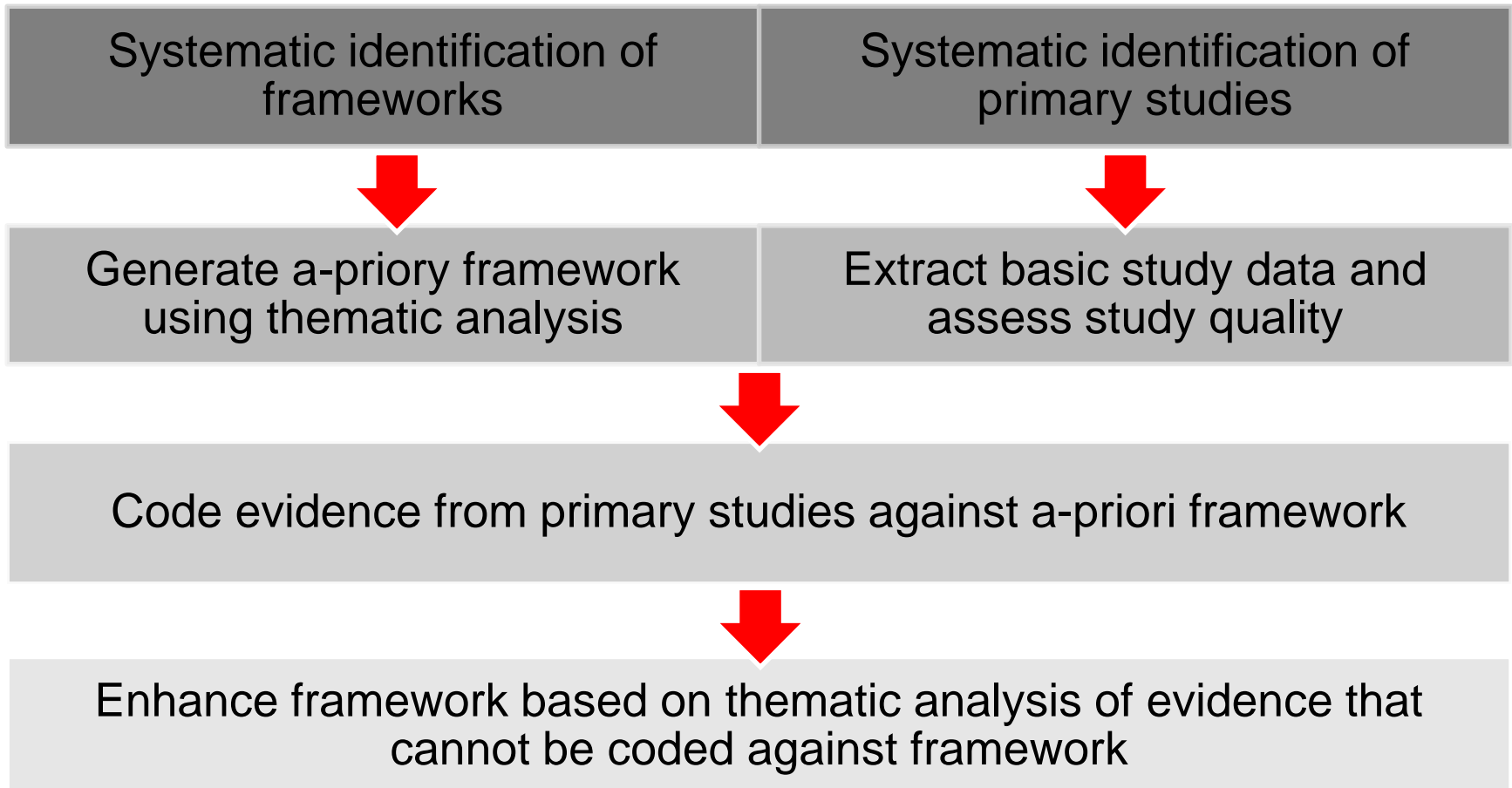
CORRESPONDENCE

Open Access

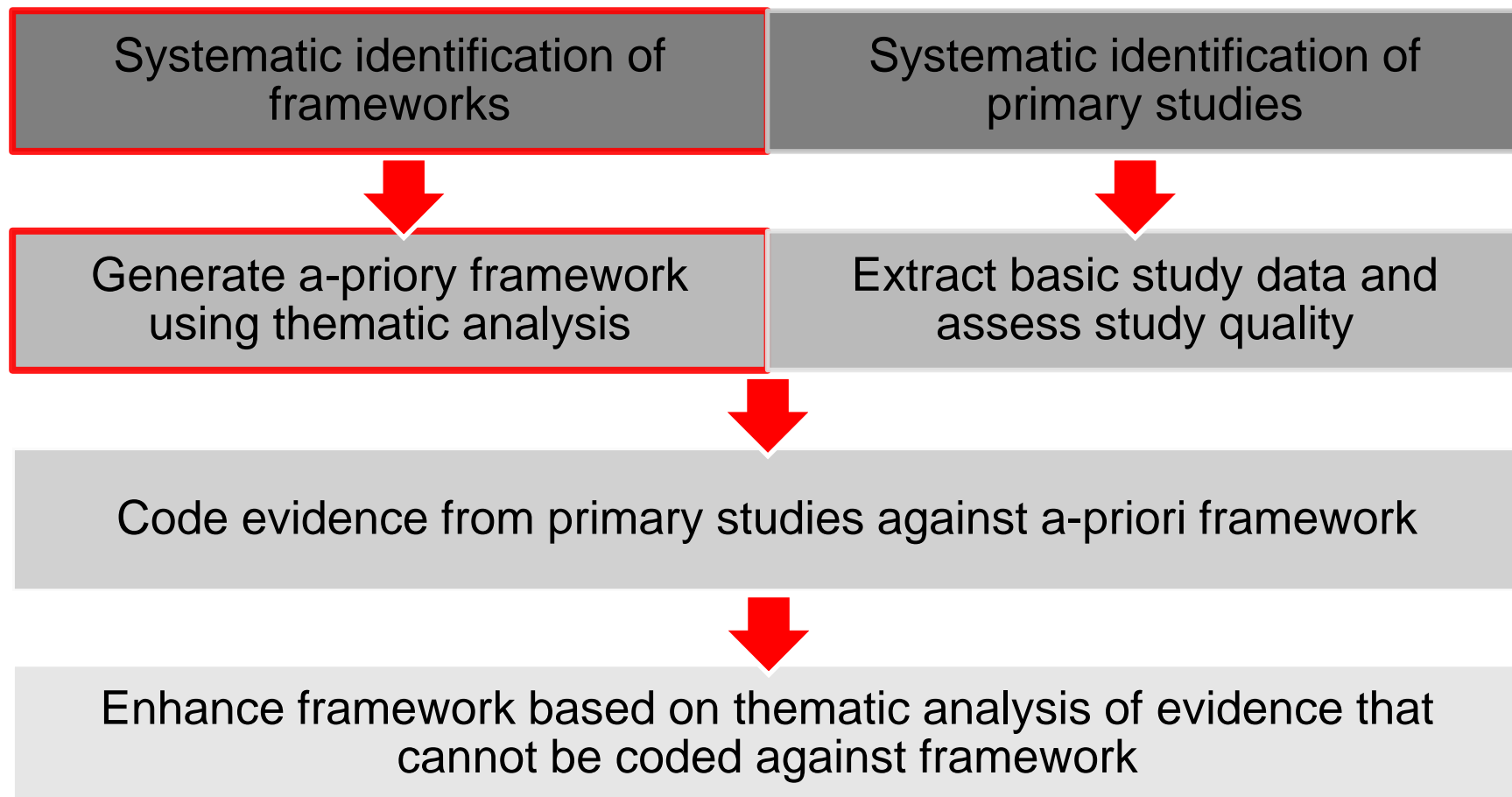
“Best fit” framework synthesis: refining the method

Christopher Carroll^{1*}, Andrew Booth¹, Joanna Leaviss¹ and Jo Rick²

Best-fit framework synthesis



Best-fit framework synthesis





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Systematic identification of frameworks

Health Information
and Libraries Journal



DOI: 10.1111/hir.12108

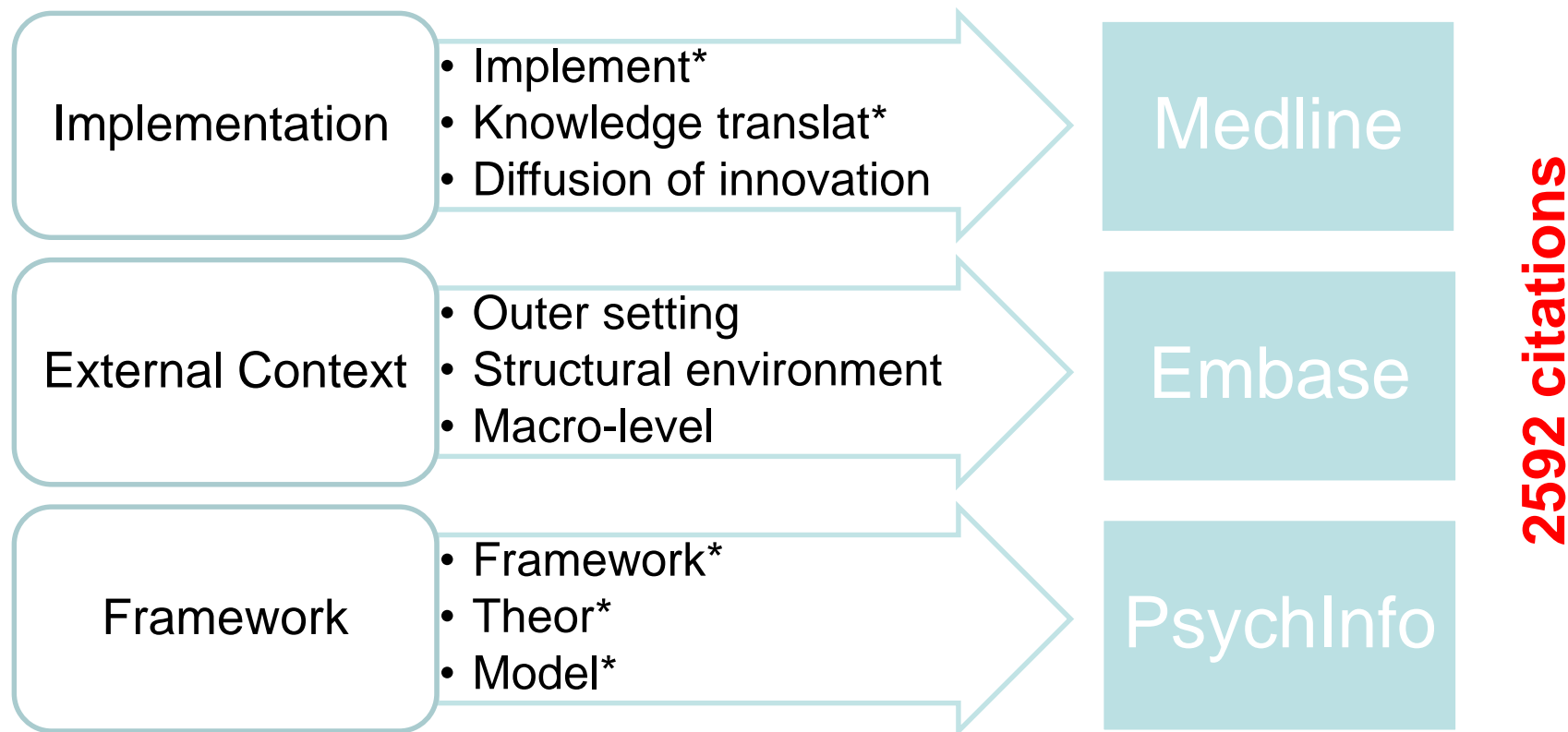
Systematic searching for theory to inform systematic reviews: is it feasible? Is it desirable?

Andrew Booth & Christopher Carroll

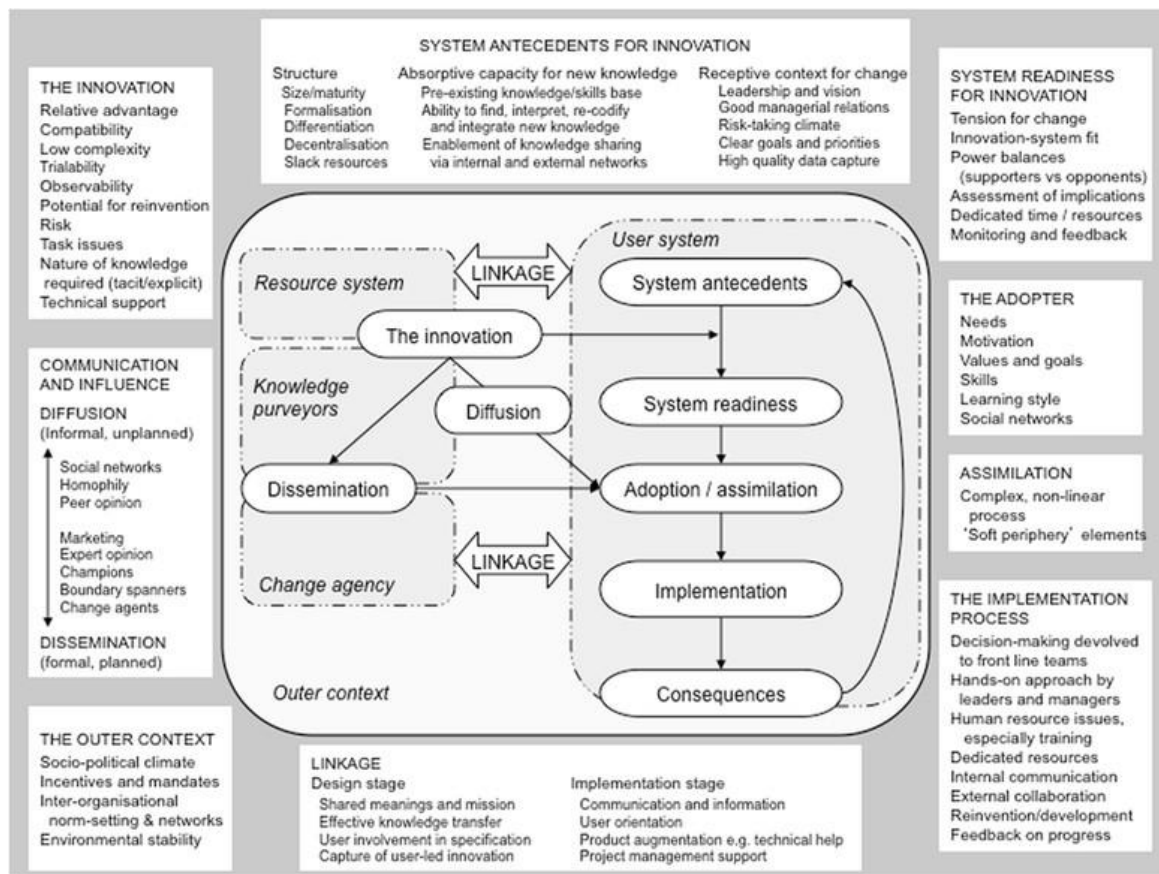
Health Economics & Decision Science (HEDS), School of Health & Related Research (ScHARR), University of Sheffield, Sheffield, UK

BeHEMOTH strategy for the systematic identification of frameworks, models and theories from the scientific literature

Preliminary results: systematic identification of frameworks



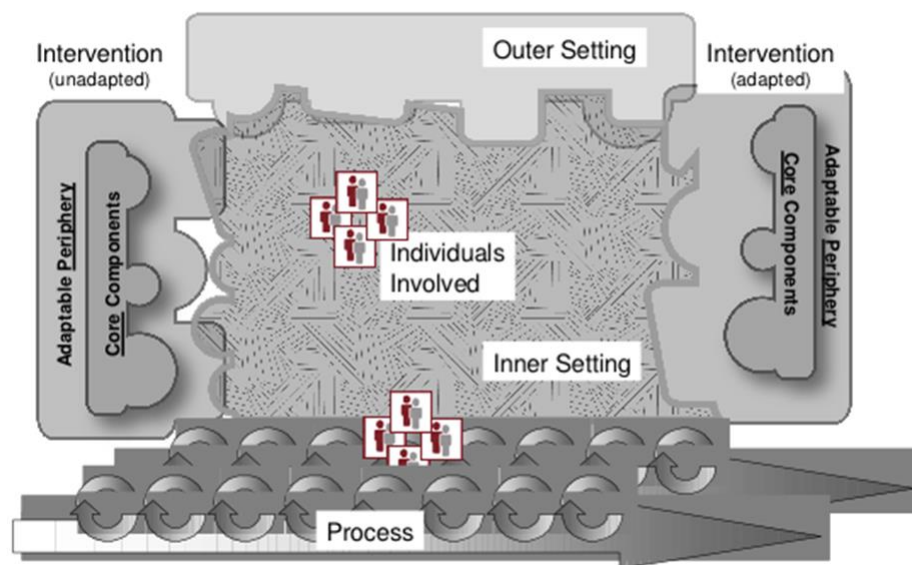
Preliminary results: Selected frameworks - Diffusion of Innovations in Service Organizations



Outer Context

- Socio-political climate
- Incentives and mandates
- Inter-organisational norm-setting and networks
- Environmental stability

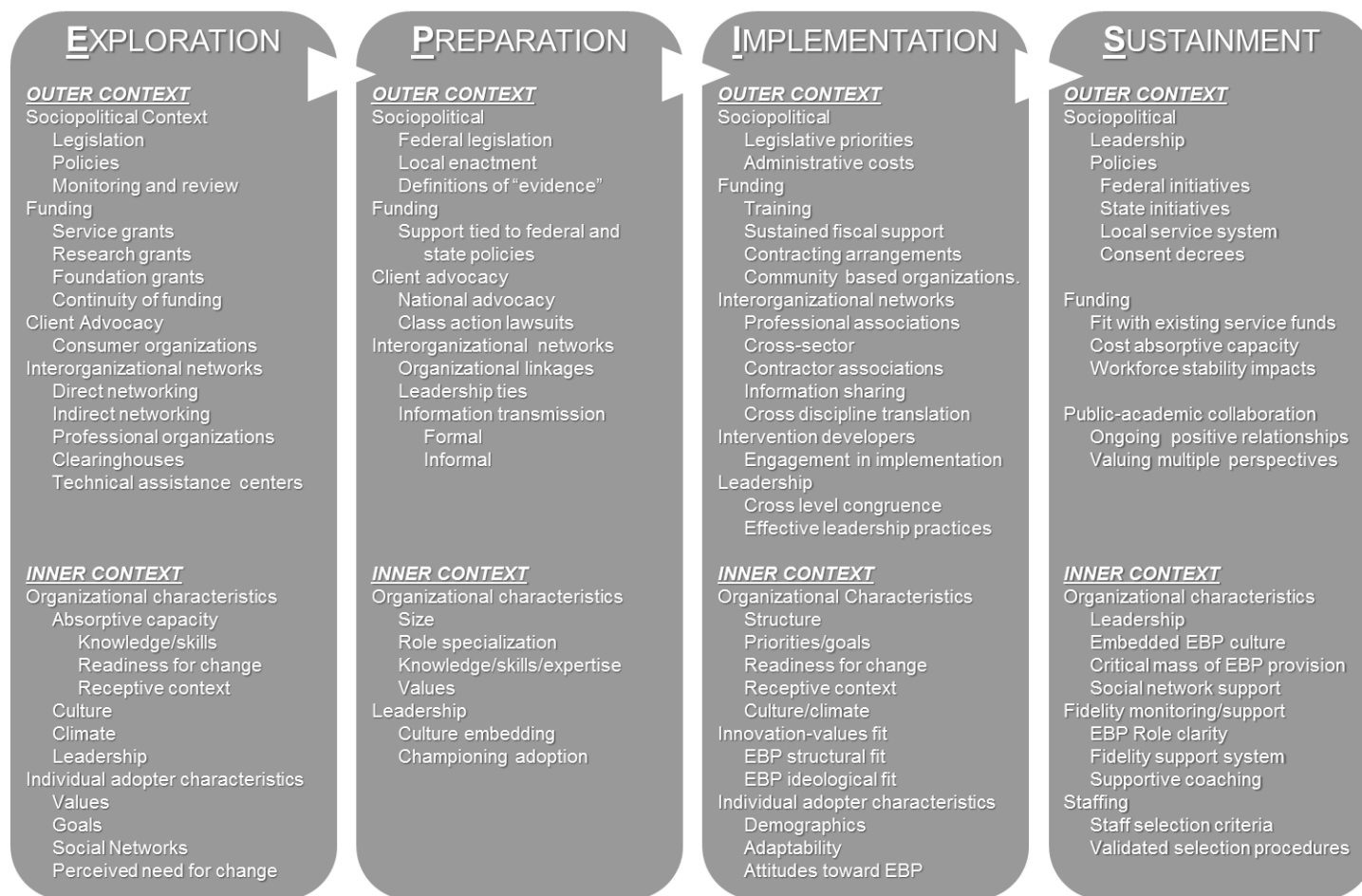
Preliminary results: Selected frameworks - CFIR



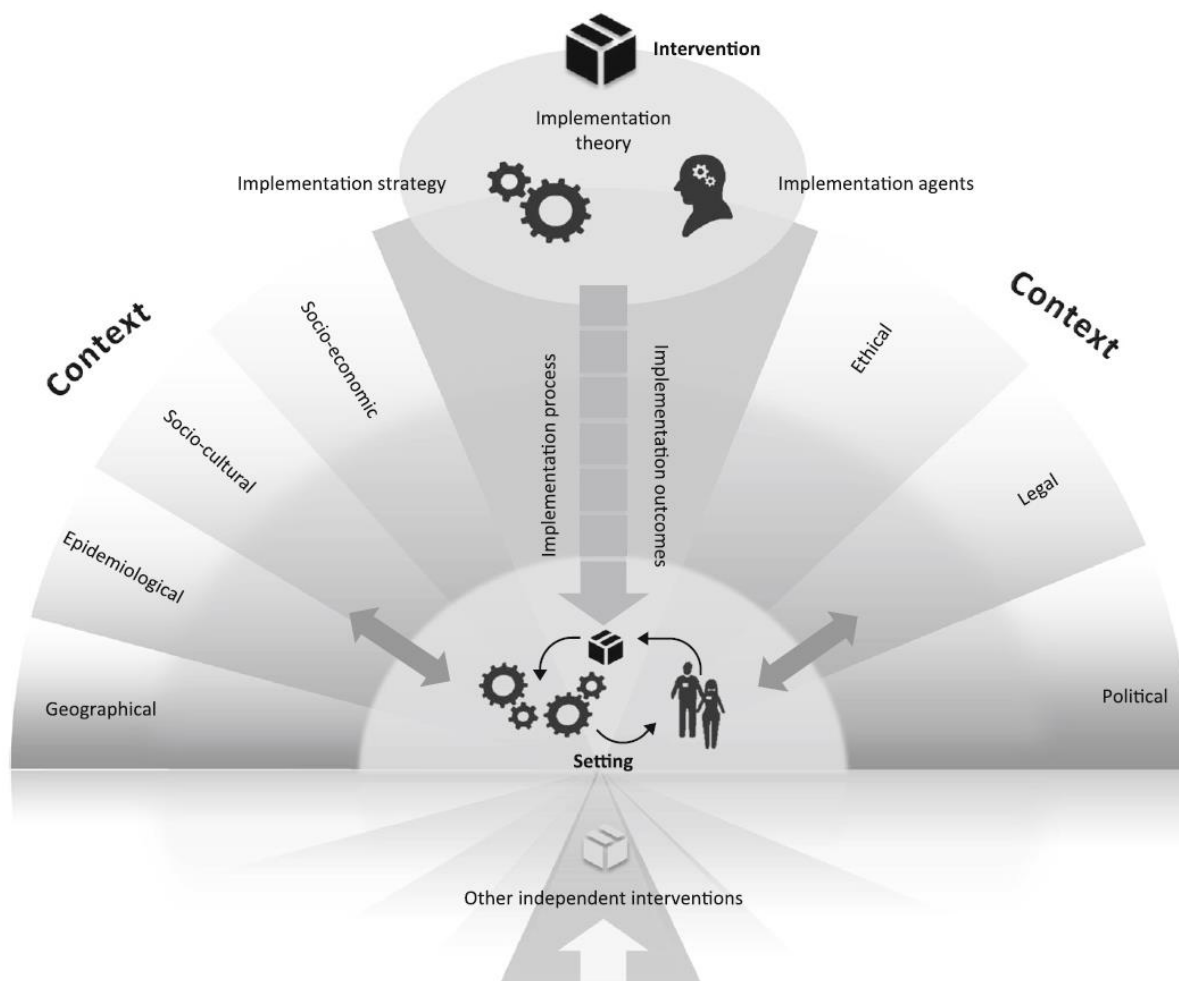
Outer setting

- Patient needs and resources
- Cosmopolitanism
- Peer pressure
- External policy & incentives

Preliminary results: Selected frameworks - EPIS



Preliminary results: Selected frameworks - CICI



Preliminary results: Generate a-priori framework (thematic analysis)

External context is...

Incentives

Ethics

Interorga-
sational
networks

Funding

Epidemiology

Regulations

Socio-cultural
context

Geography

Stability

Policy