R Consortium HTA Working Group

Kick-off meeting 31st October 2024

RC-HTA-WG

Agenda

- Welcome from co-chairs

- Vision for the working group

- Two proposed workstreams

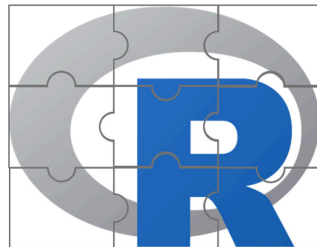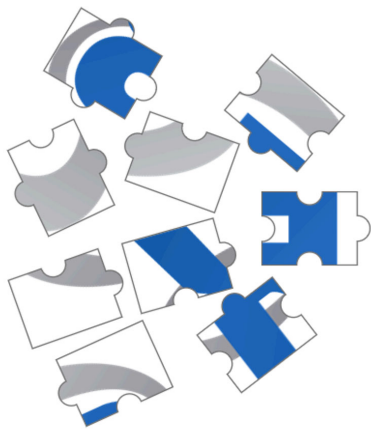- Next steps and how to contribute

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Welcome from co-chairs

- Gregory Chen

  - Principal Statistician in HTA Statistics team, MSD; lead of HTA-R workstream in openstatsware (check out https://github.com/hta-pharma/)

  - R user since 2009; worked in various sectors in pharma (manufacture, lab testing and bioassay, QC & QA, clinical, now HTA)

  - What motivated me to join: knowledge exchange and collaboration in open source space; development of a sustainable R ecosystem supported by a HTA community

- Anders Gorst-Rasmussen

  - Head of Biostatistics HTA, Novo Nordisk; co-chair HTA Special Interest Group, European Federation of Statisticians in the Pharmaceutical Industry (EFSPI)

  - Statistician by training, worked a lot with R in the past

  - What motivated me to join: R as an enabler for more transparency and collaboration across stakeholders

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Vision for the working group

Evolving policy landscape as a catalyst for a more unified approach to HTA analytics through R

- Improved efficiency and transparency
- Reduced duplication
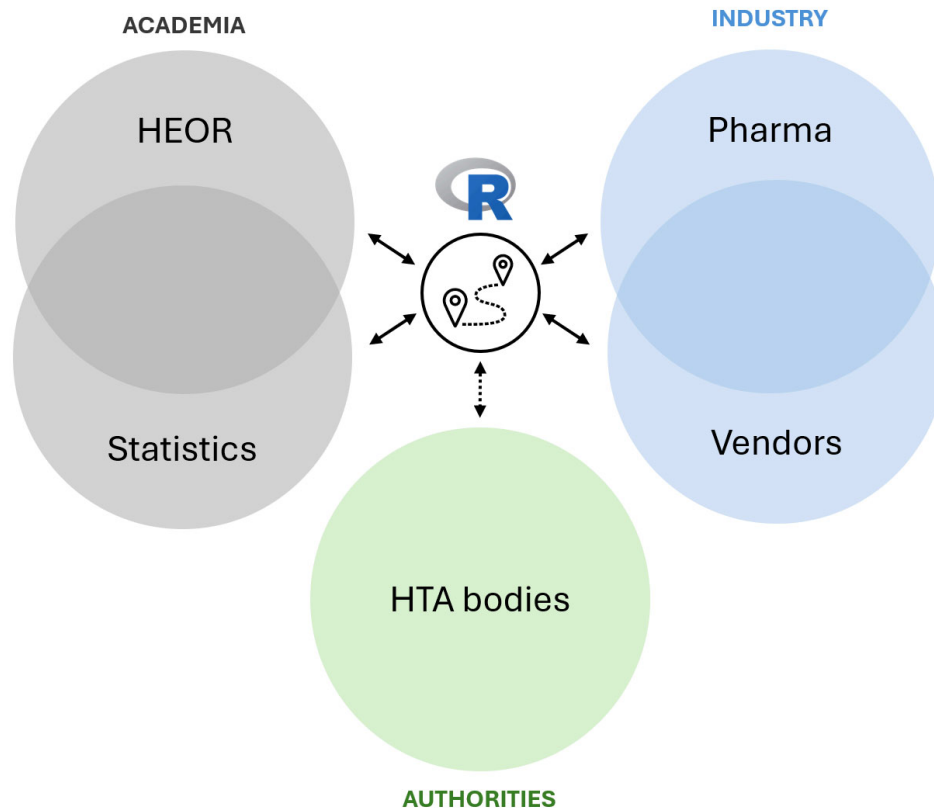- Harmonized methodologies

From a heterogenous landscape...

...to R as a platform to connect diverse perspectives on HTA analytics...

..accelerating the delivery of innovative treatments to patients

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Workstream 1

Stakeholder and landscape mapping and opportunity assessment

What is the workstream solving for?

R is an established tool in HTA work but the degree and type of adoption varies significantly across stakeholders. There is a need for strengthening the shared understanding of challenges and solutions to accelerate the use of R in HTA production work

Objectives

Map of stakeholders, landscape, and opportunities to ⬚guide future R-related initiatives and workstreams

Proposed activities

1. Stakeholder identification
2. Landscape and opportunity assessment (focusing on R usage, overlaps, and perceived gaps)
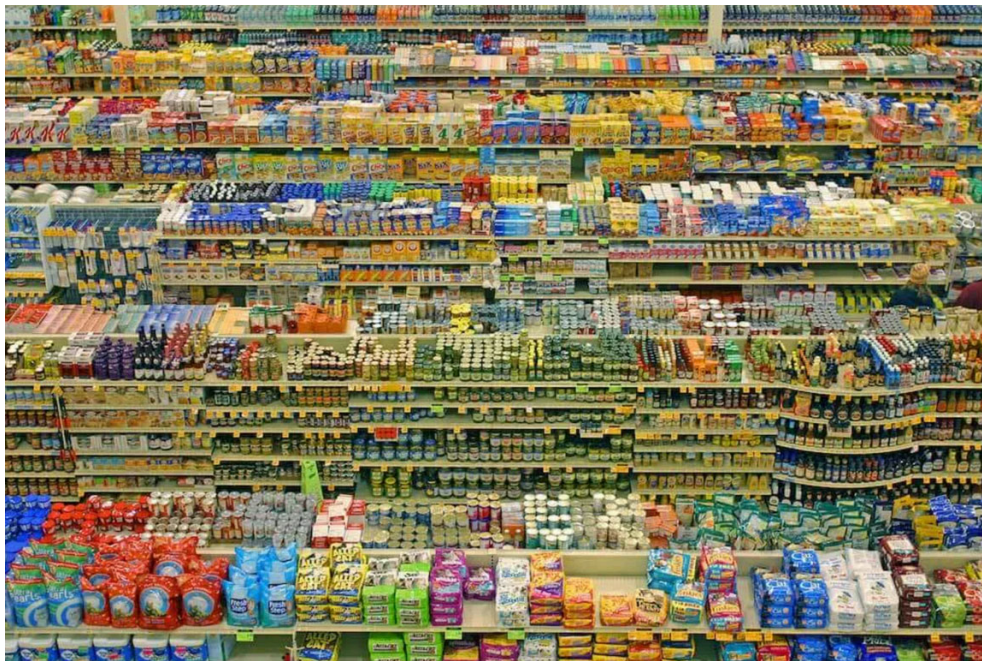3. Roadmap (outlining key connections and potential collaborative projects)

Proposed outcome(s)

Conference presentations and/or whitepaper(s)

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Workstream 2

Mapping of HTA Analytics Related R Packages

In open-source, usually the problem is not lack of choices - "What to choose" is the issue!

Objectives

To develop a comprehensive inventory of R packages related to HTA analytics with useful information and application examples, facilitating their use and integration into daily practice

Proposed Activities

- Identify and categorize relevant HTA analytics R packages available in the open-source domain, with useful annotation

- Establish and apply criteria to evaluate and monitor the production readiness of identified HTA R packages

- Work with other initiatives (e.g. openstatsware, R for HTA consortium) to fill gaps of high-quality tools in key areas of HTA analytics

- Fill in gaps of document and application examples for highly production-ready HTA R packages

- Develop an online directory to host these work and facilitate ongoing engagement with the HTA R community

Proposed Outcomes

A publicly accessible and user-friendly directory offering a categorized inventory of HTA analytic-related R packages with annotation, practical examples, assessment report of production readiness evaluated based on transparent criteria

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Next steps and how to contribute

- RConsortium/HTA-wg github site as our collaboration space

- Introduce yourself briefly, by updating the comment on the github issue that you used to sign up

- Raise new github issues and use the comment functionality to drive discussion between meetings

- Next meeeting **Wednesday November 27, 2024 17:00-18:00 CET**

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