

Pharmaco-Epi Data Collaborative Online Knowledge Hub

Rapid Co-design Workshop

Objectives

- Intro to the knowledge hub
- Breakout 1 – what do you want to see in the knowledge hub
- Feedback to main room
- Intro to page requirements
- Breakout 2 – what are the requirements for each page
- Feedback to main room
- Summary of knowledge hub first draft

Intro: Why does pharmaco-epi need an online knowledge hub?

- Multidisciplinary
 - ➔ Lack of formal collaboration networks
- Use of codelists to identify e.g. medication outcomes
 - ➔ Different codelists used = different results
- Need for advanced data processing/management
 - ➔ Different approaches = different results
 - ➔ Months of trial and error
- Use of advanced statistical programming
 - ➔ Lack of reproducible examples within domain



Intro: Vision for the Online Knowledge Hub

- Open science platform for pharmaco-epi
- Community led
- Curated for quality
- Sharing knowledge, code, resources
- Opportunities for feedback
- Workshop/training recordings/guides
- Opportunities for collaborations



Codelists

- *Which best for what*
- *Reproducible*
- *Feedback – code review*

Databases

- *Info*
- *Appropriateness for research question*

Syntax

- *Diff languages: translation*
- *Cleaning: templates*
- *Reproducible*
- *Credit to original source*

Collaborations

- *Searchable list*

Forum

- *Feedback*
- *Curated*
- *Jobs*
- *Journal club: not in real time*

Resources

- *Courses*
- *Recordings*
- *Training guides*
- *Getting started*
- *Conferences*
- *Exemplar papers*

Requirements – what do we need to make this work?

- What should be public vs members only?
- Should content be curated? By whom?
- Onsite resource or signposting elsewhere?
- Notifications? Search functions? Other features?
- Ability to contact people?

Codelists

Codelists

- *Which best for what*
 - *Reproducible*
 - *Feedback – code review*
- Opencodelists/ IHI already
 - Which ones useful for pharmacoepi, and could link through to external code repositories
 - If signing up as members, agreement for access to other repositories

Databases

- List with info
- Who is working on which database and contacts – members space only

Databases

- *Info*
- *Appropriateness*

Collaborations

- [Collaborations](#)
• *Searchable list*

- Not contactable on site, just use academic email, i.e. just listed on the site
- DMs less preferable?
- Form when sign up: why you're interested, coding language/s and database/s using, areas of expertise (will filter out less interested parties) as search terms, opt in/ out to various aspects of site

Forum

Forum

- *Feedback*
- *Curated*
- *Jobs*
- *Journal club: not in real time*

- Set of guidelines/ rules of engagement – moderator 3m rolling – voluntary or funding for this
- Podcast – e.g. 2 people discussing paper – not in real time

Syntax

- Different languages:
 - ? Funding for student to do translating
 - ? Existing resources/ how to run packages within code
- Hackathon – expert at programming in 1 language vs. another
- Templates: cleaning

Syntax

- *Diff languages: translation*
- *Cleaning: templates*
- *Reproducible*
- *Credit to original source*