

Melbourne 2018

EPPI-Reviewer: EPPI Reviewer Workshop

The screenshot shows the 'Document details' window in EPPI-Reviewer. The left sidebar contains a list of tasks: 'Screen on title & abstract' (checked), 'EXCLUDE on date', 'EXCLUDE on country', 'EXCLUDE on topic' (checked), 'EXCLUDE on intervention', and 'INCLUDE based on title & abstract'. Below these are 'Screen on full report', 'Data extraction tool', 'Allocation codes', 'Retrieval status', and 'Report sets'. The main window displays 'Citation details' for 'Item 4 / 64'. The title is 'Testing the indirect effect of trait mindfulness on adolescent cigarette smoking through negative affect and perceived stress mediators.' The author(s) are 'Black DS ; Milam J ; Sussman S ; Johnson CA ;'. The year is '2012'. The abstract text is partially visible, starting with 'Mindfulness refers to an enhanced...'. The interface includes various toolbars and navigation buttons.

This inset screenshot shows a closer view of the EPPI-Reviewer interface. It features a task list on the left with 'Screen on title & abstract' checked and 'EXCLUDE on date', 'EXCLUDE on country', 'EXCLUDE on topic', and 'EXCLUDE on intervention' unchecked. 'INCLUDE based on T&A' is checked. Below the task list are 'Screen on full report', 'Data extraction tool', 'Allocation codes', 'Retrieval status', and 'Report sets'. On the right, the abstract text is visible: 'Is everyone doing enough... Abstract: Duis te feugifacilisi per suscipit lobortis exerci taion ullamcorper suscipit lobort aliquip ex en commodo consequat.Lore tincidunt ut lacreet dolore magna aliqu suscipit lobortis nisl ut aliquip ex ea co molestie consequat, vel illum dolore eu luptatum zzril delenit au gue duis dolo'. Below the abstract, the authors are listed as 'Answer Ashley ;' and the journal as 'Journal of participation'.



Declaration of interests and funding

- I'm the IT manager (and developer) at the EPPI-Centre, UCL Institute of Education.
- EPPI-Reviewer is the EPPI-Centre's online tool for research synthesis.
- We have an active collaboration with the Campbell Collaboration (Evidence maps).
- EPPI-Reviewer is available, free of charge for all Campbell reviews.
- I am not aware of any actual or potential conflict of interest in relation to this presentation.

Aims of workshop

- Understand the basic approach we take in *writing* our software.
- See directly (hands-on) how this affects functionalities and flexibility.
- Get an idea of the main functionalities and “where is what”.
- Overview of evidence gap maps.

Not in the agenda:

- Describe all features (would take days).
- Detailed how-to (too much to remember).

Introductions

- A bit about myself.
- Why are we here?
 - To decide which tool to use?
 - To use EPPI-Reviewer better?
 - Have you used it already?
 - Do you have an EPPI-Reviewer account?

Who we are: EPPI-Centre

Conducting reviews since 1993
e.g. in health promotion,
education, social care,
employment

Support for review groups:
Education (25 groups, 70+ reviews),
criminology, speech and language,
social care

Tools: EPPI-Reviewer and connected
services.

Formal links
with Cochrane
and Campbell
Collaborations

Methodological work, e.g.
Methods for Research Synthesis Project
ESRC National Centre
for Research Methods

On-line libraries
of research evidence

Short courses and
Masters level courses
in research synthesis

Your Everyday Software...



© [Henry Hagnäs](#) Turku, Finland

EPPI-Reviewer



© Chris Finney

Source: https://commons.wikimedia.org/wiki/File:Zivko_Edge_540_AN1129673.jpg

GP software



Comfortable and safe

Process-oriented

Low entry barriers

Fixed itinerary

EPPI-Reviewer



Extremely versatile

Cutting edge abilities

Always pushing the boundaries

Not built for comfort

The EPPI-Reviewer environment:

EPPI-Reviewer 4 gateway (<http://eppi.ioe.ac.uk/cms/er4>)

- Access to all Applications & Tools.
- Create Accounts.
- Latest Manual.
- Support Forum.
- Utilities.
- Manage reviews.
- Help, Videos, FAQ and more.



The screenshot shows the EPPI-Reviewer 4 gateway website. The header includes the EPPI CENTRE logo, a search bar, and navigation links: HOME, FEATURES, ACCOUNT MANAGER, FORUM, MANUALS, RIS EXPORT, and ABOUT. The date 09 October 2018 is displayed in the top right.

Introducing: EPPI-Reviewer Coding

EPPI-Reviewer Coding is a new web-based interface for EPPI-Reviewer, it broadly replicates the functionalities available in the Coding-Only interface of EPPI-Reviewer 4. Please note that this web-app is still in Beta, meaning that it might contain bugs and/or other annoyances. EPPI-Reviewer coding can work on **most devices and browsers**: you will be able to access it on your phone and tablet, as it does not require Silverlight. You can access the application here: <https://eppi.ioe.ac.uk/eppireviewer-coding/home>. To learn more, see the announcement on the forum. Please send feedback and suggestions to EPPIsupport@ucl.ac.uk.

Welcome to the EPPI-Reviewer 4 gateway

EPPI-Reviewer 4 is the next stage of development of our software for all types of literature review, including systematic reviews, meta-analyses, 'narrative' reviews and meta-ethnographies.

EPPI-Reviewer 4 was launched in autumn 2010. It has been used by many hundreds of reviewers across hundreds of projects covering a large range of diverse topics and review sizes, some containing over 1,000,000 items.

Please see the **FEATURES** page for more details.

Start using EPPI-Reviewer 4 today by signing up for a free one month trial here!

If you already have an EPPI-Reviewer 4 account you can login [here](#).

You can find EPPI-Reviewer 4 instructional videos on our [Youtube](#) channel. A list of the videos is available [here](#).

Access to EPPI-Reviewer 4 can be had for as little as £10* per month!

Please see [About our fees and About support](#).

News

EPPI-Reviewer on Firefox!
You will need to upgrade to Firefox ESR. Details can be found [here](#).

Cochrane
We are pleased to announce that EPPI-Reviewer is part of the developing Cochrane information infrastructure. For further information click [here](#).

Updated!
EPPI-Centre book
AN INTRODUCTION TO SYSTEMATIC REVIEWS
Order your copy now!

Purchase EPPI-Reviewer 4 online! Please see [About our fees](#) for details.

Links
Forgotten your password?
Want to change your password? Click [here](#).

EPPI-Reviewer Concepts


1. Bird's eye: how it works.
2. In transition: EPPI-Reviewer and the **New Coding App**.
3. Visual Organisation, where things are and why.
4. **Main concepts: how it handles your data.**
5. Very quick run through some of the features.

<http://eppi.ioe.ac.uk/eppireviewer4/>

<http://eppi.ioe.ac.uk/eppireviewer-coding/>

(Main) EPPI-Reviewer: How it Works

1. Silverlight Web Application
2. Runs on the Desktop (?)
3. Data comes from central server
4. Concurrent use:
 1. Data is saved in real time
 2. Last change is retained
5. Safety:
 1. Encrypted communication
 2. Backups
 3. Error Messages




Welcome to EPPI-Reviewer 4: software for systematic reviews

User Name:

Password:


[Forgot Password?](#)

 [Click Here to Create your Account](#)

Please visit the EPPI-Reviewer 4 gateway at:
<http://eppi.ioe.ac.uk/cms/er4>

The Gateway contains: User manual, Account Manager, Forgotten Password facility, Export to RIS utility, Support Forums and much more.

[EPPI-Reviewer 4 How-To videos](#)

 **For Cochrane Authors:** [click HERE](#) to logon with your Archie credentials

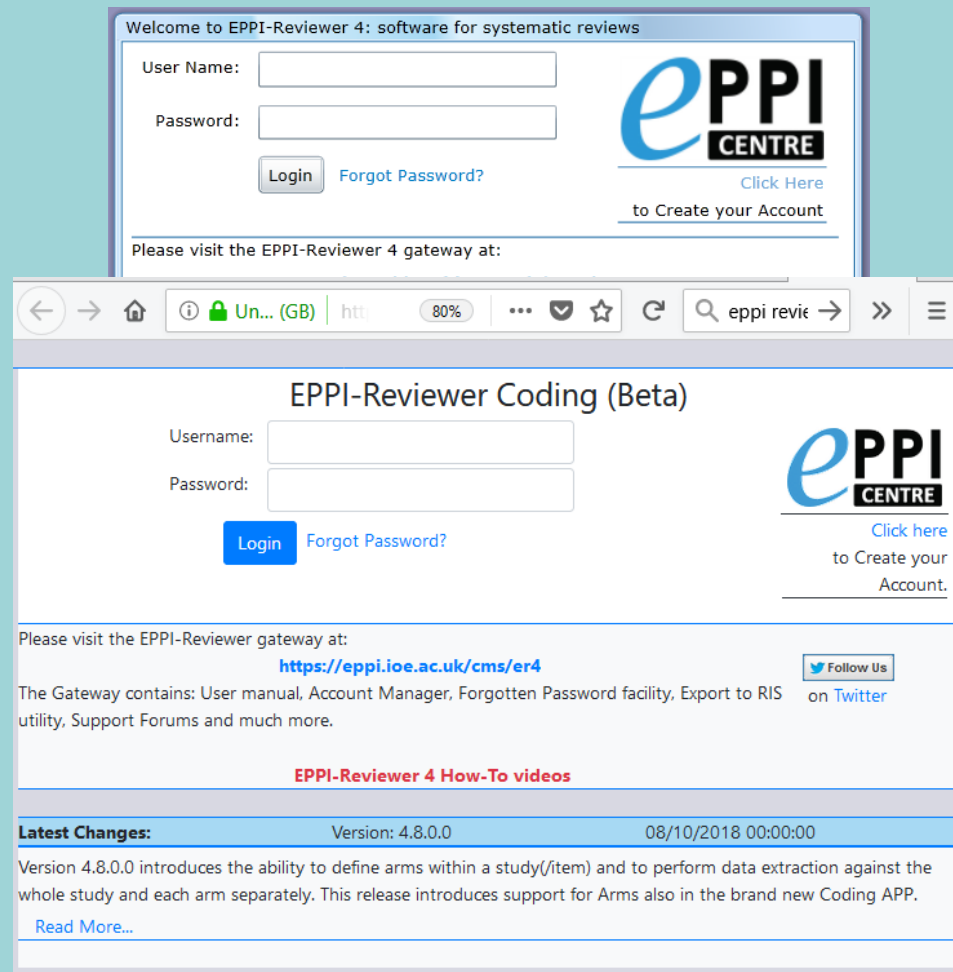
Latest CHANGES: Version: 4.5.0.1 Sep 28, 2015

This release includes new statistical (meta-analysis) features, relying on the R statistical software and the Metafor package. Cochrane authors can now access EPPI-Reviewer via the new "logon via Archie" features.

[Read More...](#)

EPPI-Reviewer Coding App

1. Native Web Application
2. Accesses the same data
3. Runs on any device
4. Allows to do screening and basic data extraction
5. Requires to set up the review on the main EPPI-Reviewer interface (for now).
6. Will be expanded and eventually replace the Silverlight-based UI.



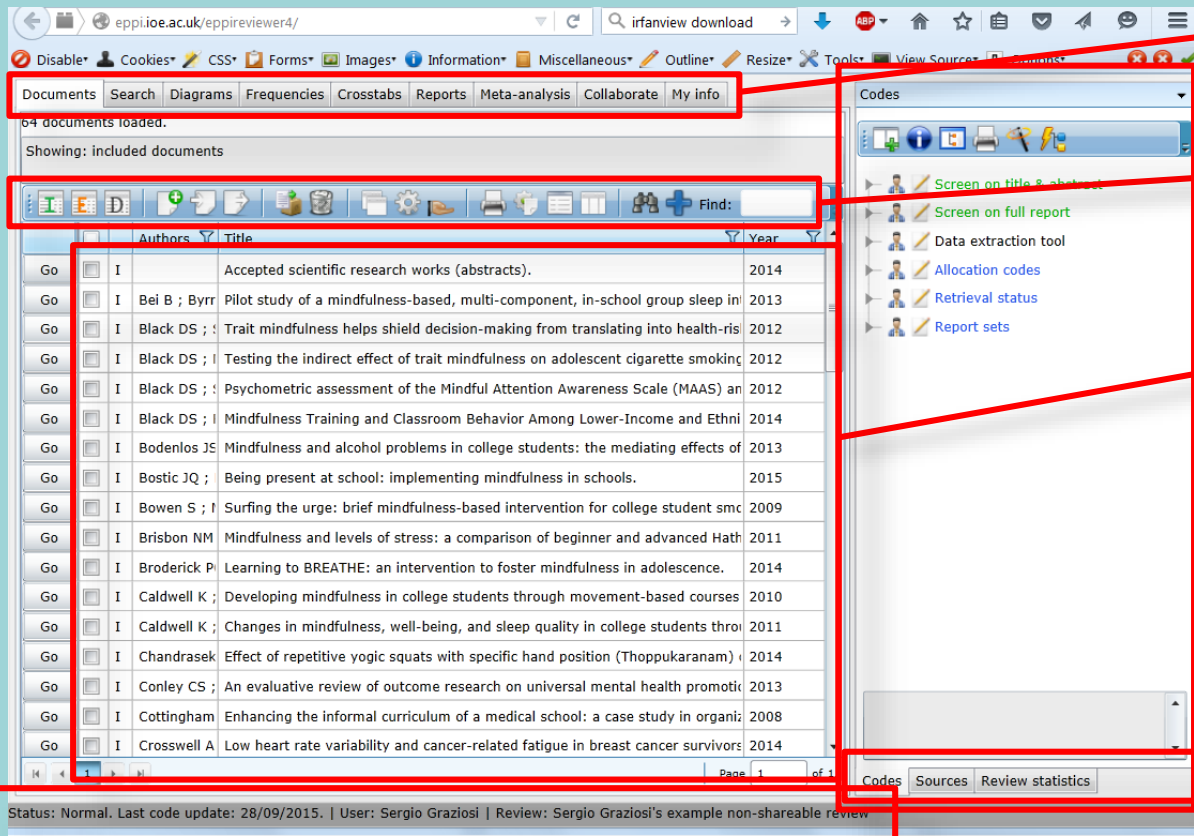
The screenshot displays the EPPI-Reviewer Coding App interface. At the top, it says "Welcome to EPPI-Reviewer 4: software for systematic reviews". Below this is a login form with fields for "User Name:" and "Password:", a "Login" button, and a "Forgot Password?" link. To the right is the EPPI CENTRE logo and a link "Click Here to Create your Account". Below the login form, it says "Please visit the EPPI-Reviewer 4 gateway at:".

The main content area is titled "EPPI-Reviewer Coding (Beta)" and contains a similar login form with "Username:" and "Password:" fields, a "Login" button, and a "Forgot Password?" link. To the right is the EPPI CENTRE logo and a link "Click here to Create your Account.". Below this, it says "Please visit the EPPI-Reviewer gateway at:" followed by the URL <https://eppi.ioe.ac.uk/cms/er4>. There is also a "Follow Us on Twitter" button.

The footer section is titled "EPPI-Reviewer 4 How-To videos" and contains a "Latest Changes" section with the following information:

Latest Changes:	Version: 4.8.0.0	08/10/2018 00:00:00
Version 4.8.0.0 introduces the ability to define arms within a study(/item) and to perform data extraction against the whole study and each arm separately. This release introduces support for Arms also in the brand new Coding APP.		
Read More...		

EPPI-Reviewer the User Interface (UI)



Tabs

Main Toolbar

Main List of refs (Items)

Toolbox Panel

More Tabs!

Status Bar

EPPI-Reviewer UI: Windows

Setup meta-analysis

Meta-analysis options

Meta-analysis title: Significance level:

Outcome type: Decimal places:

Model: Rank correlation test for funnel plot asymmetry

Output style: 'Trim and Fill'

Knapp & Hartung (knha) Adjustment Egger's regression Test for funnel plot asymmetry

Display fit statistics (fitstats)

Display confidence intervals (confint)

Forest plot options

x-axis title:

Summary estimate (title):

Add annotations

Show weights along with annotations

Show summary estimate (or fitted values for moderators)

Show credibility / prediction intervals

Show boxplot and Q-Q graphs

Show funnel plots

	ES	SE	Study	Outcome description	Type	Outcome	Intervention	Comparison	Datacollector
<input checked="" type="checkbox"/>	-0.30	0.13	Interest (2002)	Knowledge: 2 years	Continuous	Knowledge	Educational mate	Current practice	0
<input checked="" type="checkbox"/>	0.20	0.24	Botherly (2001)	Knowledge after 6 mont	Continuous	Knowledge	Educational mate	Current practice	1

Name: Normal | Last code updated: 28/08/2015 | User: Sergio Graziosi | Review: Sergio Graziosi's example non-characteric review

EPPI-Reviewer: Main concepts

1. Conceptual Phases:
 - a. Import Primary Data
 - b. Create new Results
 - c. Export Results
2. Design/Use principles:
 - a. Maximise Flexibility
 - b. Usability Vs. Power**
 - c. Enhance user friendliness

Main concepts: Import Data

Flexibility! RIS export Utility (in the gateway).

Export your search file to RIS format

Step 1: Select your file

The maximum file size is 4 Meg.

Step 2: Select a conversion filter based on the uploaded file

Start tag: End tag:

Publication type tag: Source tag:

Or is this an XML

file?

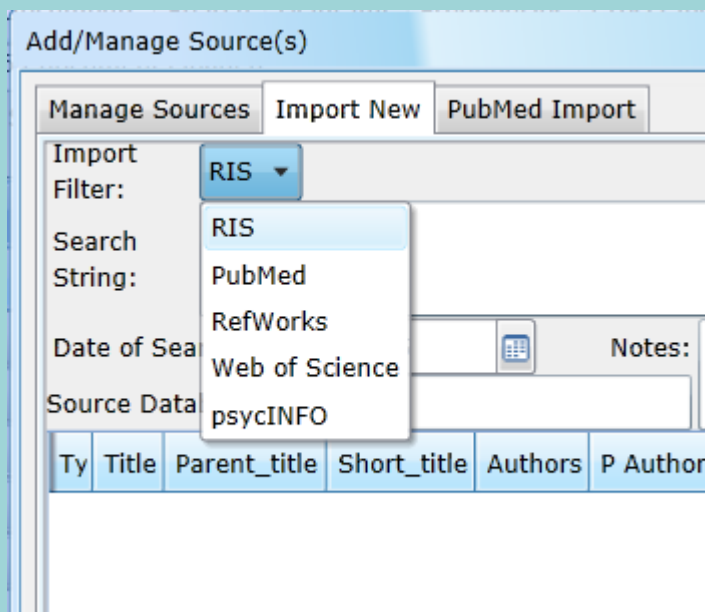
The following filters use the selected special tags. Click 'Select' to begin the conversion process.

Filter source	Filter	Notes	Select filter
IBSS 2	Tagged 2	Filter Comments	Select

Main concepts: Import Data

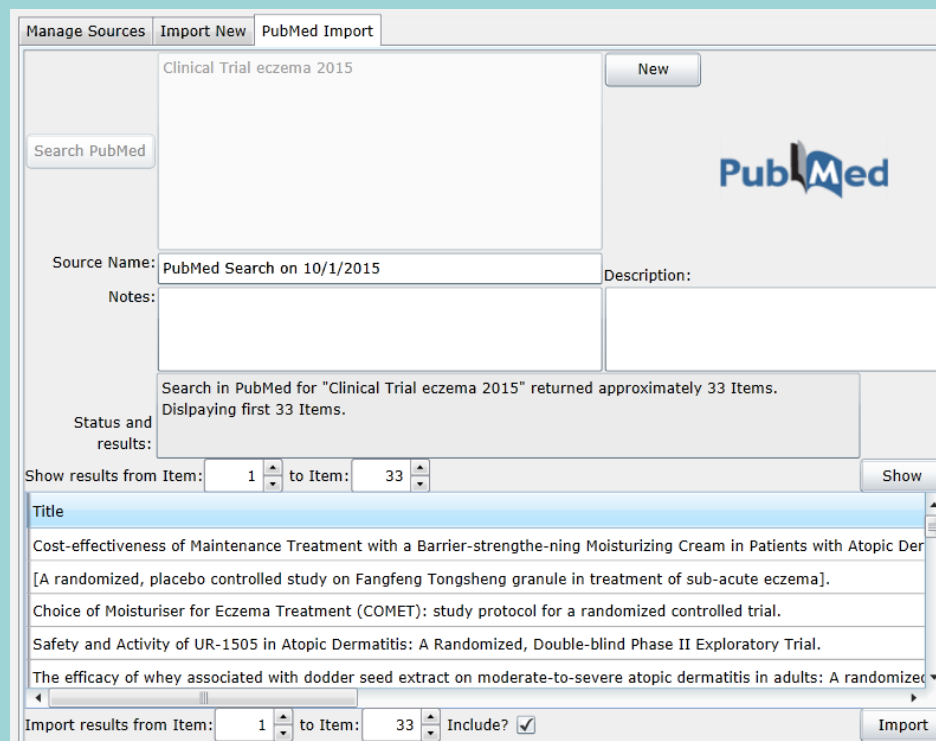
User Friendliness

Selected, built-in Import Filters



The screenshot shows the 'Add/Manage Source(s)' dialog box. It has three tabs: 'Manage Sources', 'Import New', and 'PubMed Import'. The 'Import New' tab is active. Under 'Import Filter:', a dropdown menu is open, showing options: 'RIS', 'PubMed', 'RefWorks', 'Web of Science', and 'psycINFO'. Below the filter options, there are fields for 'Search String:', 'Date of Search:', and 'Notes:'. At the bottom, there is a table with columns: 'Ty', 'Title', 'Parent_title', 'Short_title', 'Authors', and 'P Author'.

Direct import from PubMed

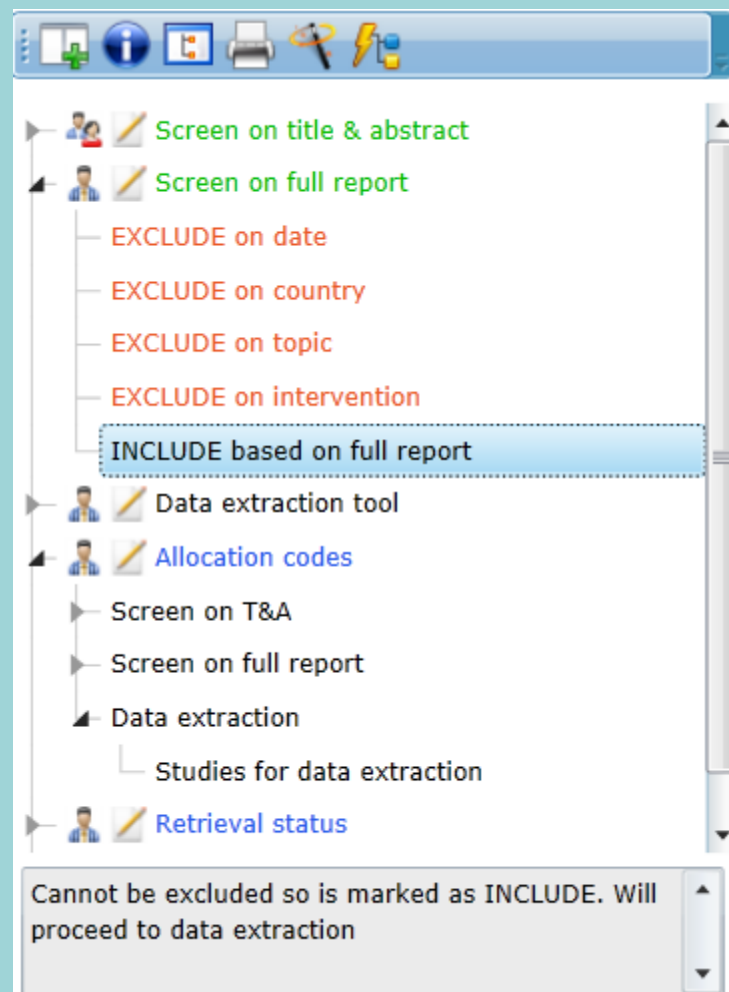


The screenshot shows the 'PubMed Import' dialog box. It has three tabs: 'Manage Sources', 'Import New', and 'PubMed Import'. The 'PubMed Import' tab is active. At the top, there is a search bar with the text 'Clinical Trial eczema 2015' and a 'Search PubMed' button. Below the search bar, there is a 'Source Name:' field with the value 'PubMed Search on 10/1/2015' and a 'Description:' field. There is also a 'Notes:' field. Below these fields, there is a status message: 'Search in PubMed for "Clinical Trial eczema 2015" returned approximately 33 Items. Displaying first 33 Items.' Below the status message, there is a 'Show results from Item:' field with a value of '1' and a 'to Item:' field with a value of '33'. There is a 'Show' button next to these fields. Below the 'Show' button, there is a list of search results with the following titles: 'Cost-effectiveness of Maintenance Treatment with a Barrier-strengthening Moisturizing Cream in Patients with Atopic Dermatitis', '[A randomized, placebo controlled study on Fangfeng Tongsheng granule in treatment of sub-acute eczema].', 'Choice of Moisturiser for Eczema Treatment (COMET): study protocol for a randomized controlled trial.', 'Safety and Activity of UR-1505 in Atopic Dermatitis: A Randomized, Double-blind Phase II Exploratory Trial.', and 'The efficacy of whey associated with dodder seed extract on moderate-to-severe atopic dermatitis in adults: A randomized controlled trial'. At the bottom, there is an 'Import results from Item:' field with a value of '1' and a 'to Item:' field with a value of '33'. There is an 'Include?' checkbox which is checked. There is an 'Import' button at the bottom right.

Main concepts: Generate Results

Flexibility!

- User-designed Code-trees of hierarchical concepts
- Predefined specialised Meaning for Different trees
- Predefined special Meaning for nodes within trees
- Specialised activity-based behaviours

A screenshot of a software interface showing a hierarchical tree of concepts. The tree is displayed in a window with a standard Windows-style title bar and toolbar. The tree structure is as follows:

- Screen on title & abstract
- Screen on full report
 - EXCLUDE on date
 - EXCLUDE on country
 - EXCLUDE on topic
 - EXCLUDE on intervention
 - INCLUDE based on full report (highlighted with a dashed border)
- Data extraction tool
- Allocation codes
 - Screen on T&A
 - Screen on full report
 - Data extraction
 - Studies for data extraction
- Retrieval status

At the bottom of the window, a status bar contains the text: "Cannot be excluded so is marked as INCLUDE. Will proceed to data extraction".

Screen on title & abstract (DO NOT EDIT) Risk of bias and Outcomes

Document details

Component 3: KEYWORDS

- Processes and PE quality assessment
- CERUB Outcome Extraction Tool**

Health Behaviours

- Physical Activity
- Health Eating/Dietary Intake**
- Substance use/Smoking
- Screening Uptake
- Service Use
- Sexual Health Behaviours
- Injury Preventing Behaviours
- Donor registration

Health Consequences (Clinical Outcomes)

- Overweight/Obesity
- Mental Health
- Serum insulin concentration

Psychosocial Outcomes

Citation details

Text document Reference Search Coding record Linked records PDF

Item ID: 12252097

Author(s): Dziewaltowski D ; Rosenkrantz J ; ...

Month: [] Year: 2010

Pub type: Journal, Article

Included?

CodeSet

Code (keyword)

Abstract: ... of the Healthy Nutrition (HOP'N) after-school program ... trial designed to ... obesity through building the ... the physical activity (PA) and ...

Methods

We conducted a three-year, nested cross-sectional group randomized controlled effectiveness trial. After a baseline assessment year (2005-2006), schools and their after-school programs were randomized to the HOP'N after-school program (n ...)

Files

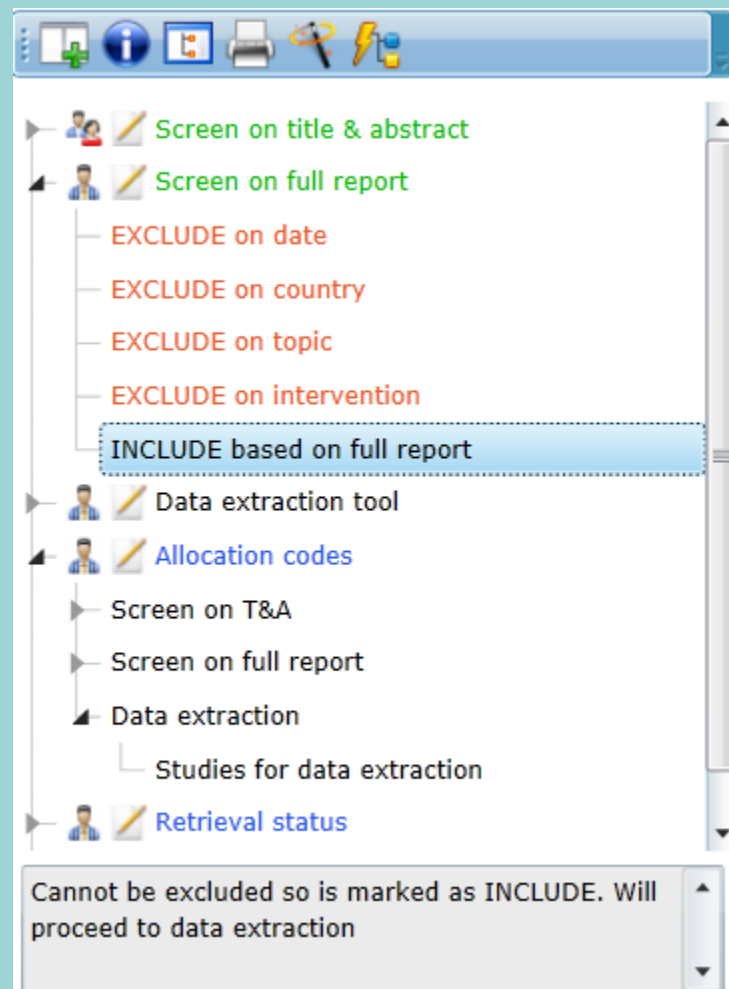
Document	Extension	Delete	View t	Download	View P
Dz Dziewaltowski	.pdf	Del	Go!	Downloa	View
Rc Dziewaltowski	.pdf	Del	Go!	Downloa	View

Description of the intervent

Main concepts: Generate Results

Codesets types support different activities: Screening

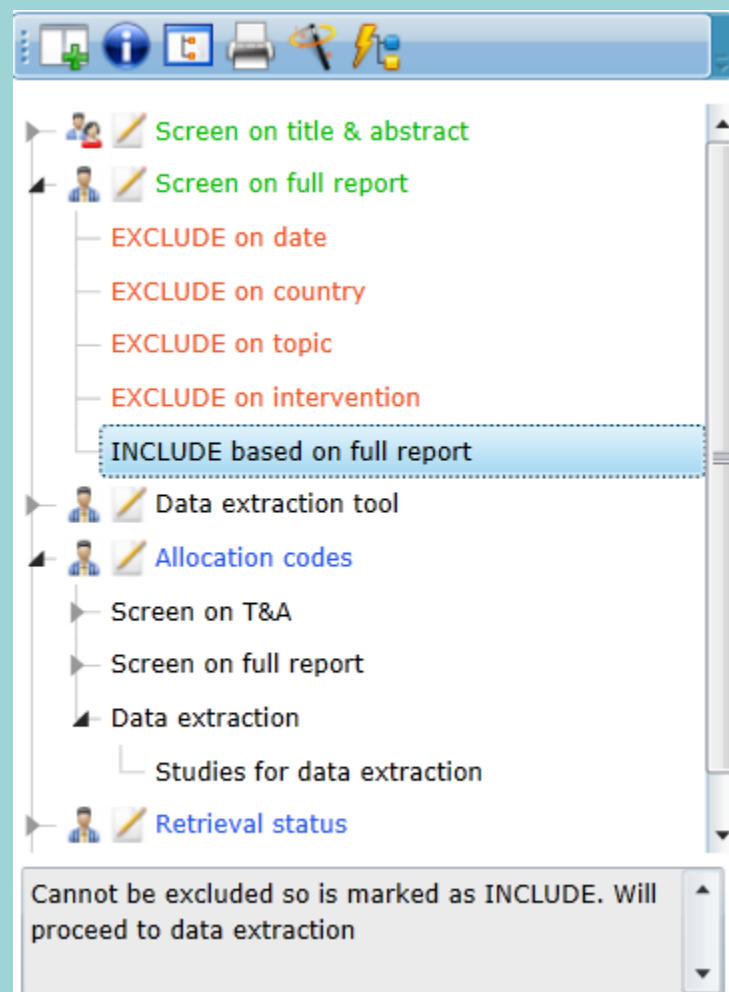
- Screening Codesets (green).
- One level only
- Contain two types of codes
 - “Include”
 - “Exclude” (red)
- These properties facilitate activities:
 - Reconcile differing choices
 - (semi) automation
 - Machine Learning to facilitate the process

A screenshot of a software interface showing a list of screening activities. The list includes: 'Screen on title & abstract' (green), 'Screen on full report' (green), 'EXCLUDE on date' (red), 'EXCLUDE on country' (red), 'EXCLUDE on topic' (red), 'EXCLUDE on intervention' (red), 'INCLUDE based on full report' (blue, highlighted with a dashed border), 'Data extraction tool' (blue), 'Allocation codes' (blue), 'Screen on T&A', 'Screen on full report', 'Data extraction' (with a sub-item 'Studies for data extraction'), and 'Retrieval status' (blue). At the bottom, a status message reads: 'Cannot be excluded so is marked as INCLUDE. Will proceed to data extraction'.

Main concepts: Generate Results

Codesets control double blind exercises

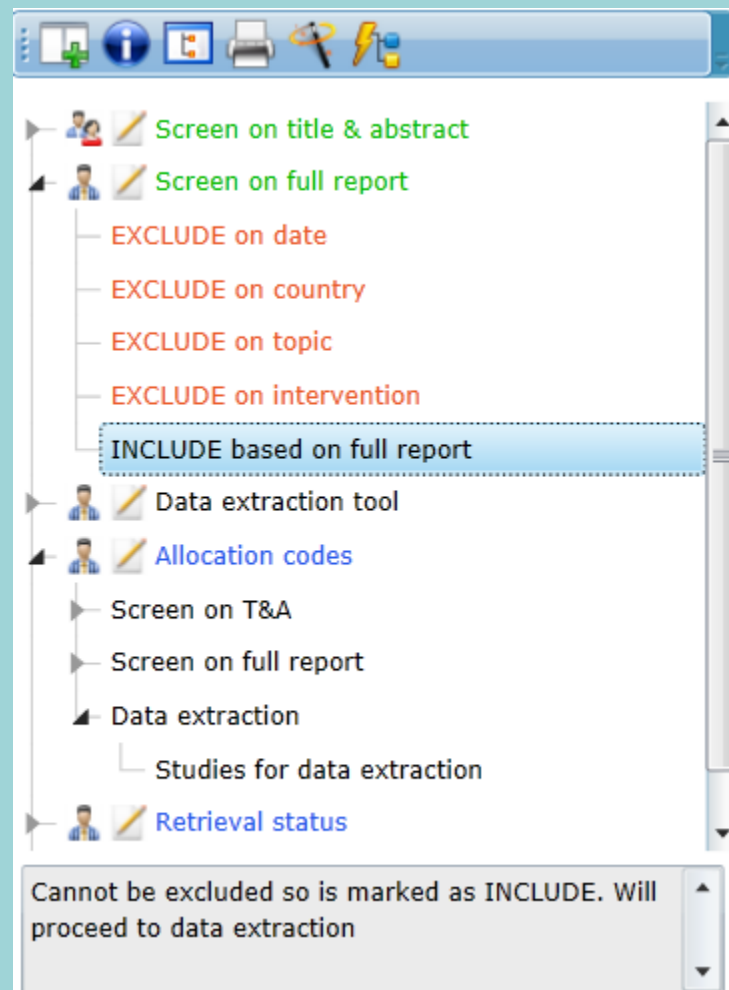
- Standard (black) & screening Codesets can be placed in **comparison mode (CM)**.
- In CM, assigning codes to items makes the “coding” incomplete (private)
- Comparisons will identify disagreements and allow discussing / solving them.
- Coding gets completed and becomes “public” (per-item)



Main concepts: Generate Results

Codesets also help organising your teamwork.

- Administration (blue) Codesets can be used to create coding assignments (work allocations)
- Codes (any code) can be associated to work allocations, providing access to a specific groups of items.
- Work allocations track progress, in combination with “coding-only” role, they can also restrict what users can do.



The screenshot shows a software interface with a tree view of codesets. The tree view includes the following items:

- Screen on title & abstract
- Screen on full report
- EXCLUDE on date
- EXCLUDE on country
- EXCLUDE on topic
- EXCLUDE on intervention
- INCLUDE based on full report (highlighted with a blue dashed border)
- Data extraction tool
- Allocation codes
 - Screen on T&A
 - Screen on full report
 - Data extraction
 - Studies for data extraction
- Retrieval status

At the bottom of the interface, a status message reads: "Cannot be excluded so is marked as INCLUDE. Will proceed to data extraction".

Main concepts: Generate Results

Who will do the work

What group of items will be used

Apply codes from this CodeSet

Track progress!

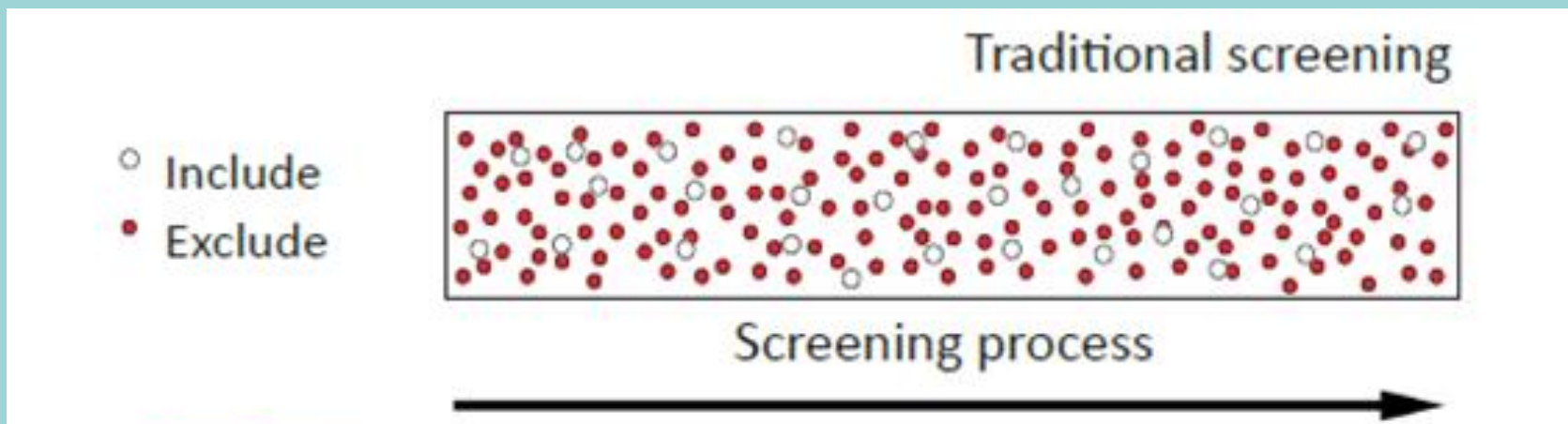
All is controlled by *just* some other code: list of assigned items is **dynamic!**

Coding assignments Create new

Reviewer	Study group	Codes to apply	Allocated	Started	Remaining	
Guest10	First Batch (comparison)	Screen on Title & Abstract	166	166	0	Delete
Guest11	First Batch (comparison)	Screen on Title & Abstract	166	166	0	Delete
Guest10	Second Batch (Guest10)	Screen on Title & Abstract	166	166	0	Delete
Guest11	Second Batch (Guest11)	Screen on Title & Abstract	166	166	0	Delete
Guest11	INCLUDE on title & abstract	Retrieval status	125	18	107	Delete
Guest12	Uploaded	Screen on Full Text	11	3	8	Delete
Guest10	screening TA second source	Screen on Title & Abstract	141	15	126	Delete
Guest11	screening TA second source	Screen on Title & Abstract	141	6	135	Delete
Sergio Graziosi	screening TA second source	Screen on Title & Abstract	141	0	141	Delete

- INCLUDE on title & abstract
- Screen on Full Text
- Allocations
- Screening Title and Abstract
 - First Batch (comparison)
 - Second Batch (Guest10)
 - Second Batch (Guest11)
 - screening TA second source
- Screening Full Report
- Keywording
- Data extraction
- Other
- Retrieval status

Priority screening.



Ready for some Hands-On?

- Early Stage Review:
 - Screening on T&A (priority screening).
 - Find Full text.
 - Start Screening on Full Text

Pre-Configured:

- Priority screening is ready to kick in (multiple people). Please select as “included” studies that mention “*Prevention of Lyme disease*”.
- 1 Work allocation to 1 person to locate/upload FT documents.
- 1 Person can start screening on Full Text.

Get your hands Dirty!

<http://bit.ly/GES-ER>

- Groups of 2-3 people
- 1 account per group

EPPI-Reviewer Coding

Work Allocation List

Priority screening List is **Enabled and Ready:**
[Click Here](#) to start screening.

Codes to apply	Group	Allocated	Started	Remaining
Screen on Title & Abstract	All Items (do not use)	611	0	611

Showing work allocation remaining for 1 page.

Short Title

GO (Id: 31788586)	Adetunji (2016)
GO (Id: 31788635)	Admani (2016)
GO (Id: 31789065)	Adrion (2016)

Welcome to EPPI-Reviewer 4: software for systematic reviews

User Name:

Password:

[Login](#) [Forgot Password?](#)

EPPI CENTRE
[Click Here to Create your Account](#)

visit the EPPI-Reviewer 4 gateway at:
<http://eppi.ioe.ac.uk/cms/er4>

gateway contains: User manual, Account Manager, Forgotten Password facility, to RIS utility, Support Forums and much more. [Follow Us](#)

EPPI-Reviewer 4 How-To videos

For Cochrane Authors: [click HERE](#) to logon with your Archie credentials

UPDATES & CHANGES: Version: 4.5.0.1 Sep 28, 2015

release includes new statistical (meta-analysis) features, relying on the R statistical software and the Metafor package. Cochrane authors can now access EPPI-Reviewer via the new "logon via Archie" features. [Read More...](#)

Geis2018

There is Much more:

Features we didn't cover: diagrams

The screenshot displays the EPPI software interface. The 'Diagrams' menu is highlighted with a red box. The main window shows a flow diagram illustrating the screening process:

- All items (83)** (Start node)
- Apply screening criteria** (Decision node)
- Exclude on date (5)** (Exclusion node)
- Exclude on country (6)** (Exclusion node)
- Exclude if not intervention (6)** (Exclusion node)
- Exclude on topic (1)** (Exclusion node)
- Include based on title and abstract (5)** (Inclusion node)
- Exclude based on full paper (2)** (Exclusion node)
- Include based on full paper (3)** (Final inclusion node)

The context menu on the right, opened over the 'Apply screening criteria' node, includes the following options:

- Add child code
- List items without this code
- List items without this code (excl...
- Display item frequencies (children...
- Assign items in selected searches
- Remove items in selected search...
- Insert child codes in diagram** (highlighted)
- Add new code set
- Delete code set
- Print...
- Properties...

There is Much more:

Features we didn't cover: machine learning – RCT and more

Machine learning classifier

The machine learning classifier built into EPPI-Reviewer enables you automatically to assign a code to new items based on those you have assigned to others. Then the model is trained on m (This function)

Stage 1: bu

Learn to app

Distinguish f

Name for yo

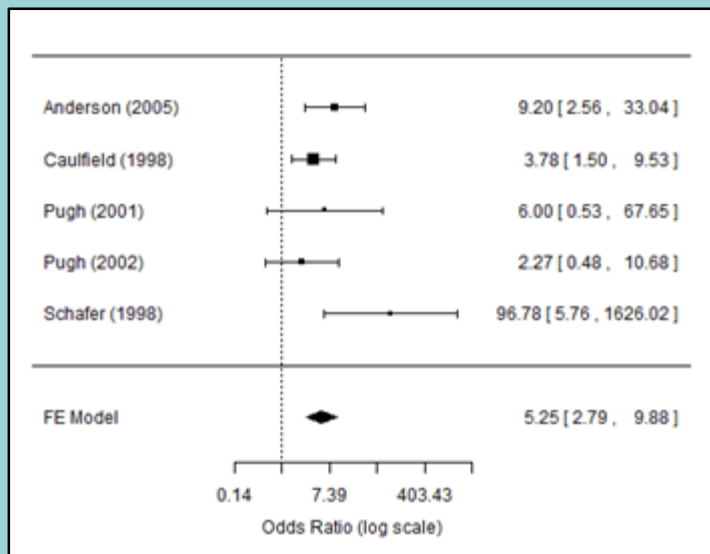
(Go straight

<input type="checkbox"/>	Authors	Title	Year	Score
<input type="checkbox"/>	I Bruzzese JM ; Ur	Feasibility and impact of a school-based intervention for families of urban adolescents with asthma: results from a randomized	2008	99
<input type="checkbox"/>	I Horner S D ; Bro	Enhancing Asthma Self-Management in Rural School-Aged Children: A Randomized Controlled Trial	2015	99
<input type="checkbox"/>	I Horner SD ; Foul	Improvement of rural children's asthma self-management by lay health educators	2008	98
<input type="checkbox"/>	I Patterson EE ; B	A cluster randomised intervention trial of asthma clubs to improve quality of life in primary school children: the School Care an	2005	97
<input type="checkbox"/>	I Kintner EK ; Sikk	Randomized clinical trial of a school-based academic and counseling program for older school-age students	2009	97
<input type="checkbox"/>	I Cicutto L ; Murpl	Breaking the access barrier: evaluating an asthma center's efforts to provide education to children with asthma in schools	2005	97
<input type="checkbox"/>	I McWhirter J ; Mc	Can schools promote the health of children with asthma?	2008	96
<input type="checkbox"/>	I Clark NM ; Shah	An evaluation of asthma interventions for preteen students	2010	93
<input type="checkbox"/>	I Bruzzese JM ; SH	Effects of a school-based intervention for urban adolescents with asthma. A controlled trial	2011	89
<input type="checkbox"/>	I Cicutto L ; To T ;	A randomized controlled trial of a public health nurse-delivered asthma program to elementary schools	2013	88
<input type="checkbox"/>	I MeGhan SL ; Wo	Evaluation of an education program for elementary school children with asthma	2003	86
<input type="checkbox"/>	I Clark NM ; Brow	Effects of a comprehensive school-based asthma program on symptoms, parent management, grades, and absenteeism	2004	80
<input type="checkbox"/>	I Gerald LB ; Redc	Outcomes for a comprehensive school-based asthma management program	2006	80
<input type="checkbox"/>	I Joseph CL ; Pete	A web-based, tailored asthma management program for urban African-American high school students	2007	76
<input type="checkbox"/>	I Levy M ; Heffner	The efficacy of asthma case management in an urban school district in reducing school absences and hospitalizations for asthm	2006	72
<input type="checkbox"/>	I Clark NM ; Gong	A trial of asthma self-management in Beijing schools	2005	71
<input type="checkbox"/>	I McCann DC ; Mc	A controlled trial of a school-based intervention to improve asthma management	2006	70
<input type="checkbox"/>	I Kintner EK ; Co	Effectiveness of a school-based academic asthma health education and counseling program on fostering acceptance of asthma	2014	59
<input type="checkbox"/>	I Bruzzese JM ; Ev	Using school staff to establish a preventive network of care to improve elementary school students' control of asthma	2006	51
<input type="checkbox"/>	I Yawn BP ; Algatt	An in-school CD-ROM asthma education program	2000	4

Apply model

There is Much more:

Features we didn't cover: R + Metafor powered Meta-Analysis



ub
6 2.2910
.05 ' 0.1 ' 1

R-Code (Metafor):

```

if (!require(metafor))
{
# install.packages("src/metaforMin.zip", lib = ".", repos = NULL, verbose = TRUE)
library(metafor, lib.loc=".", verbose=TRUE)
}

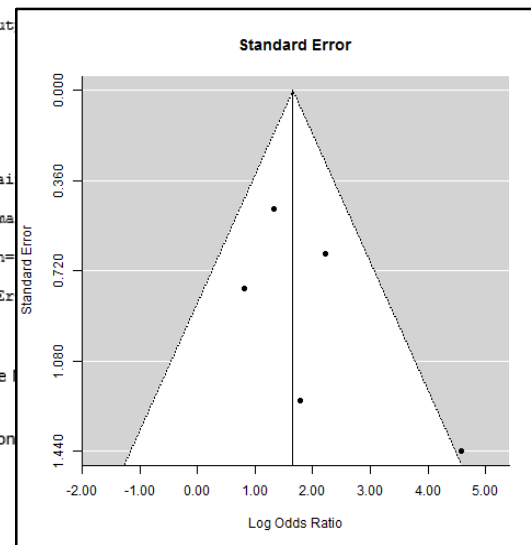
res <- rma(log(yi), sei*sei, data=dat, measure='OR', slab=studylabs, level=95, digits=4,
verbose=0, method='FE')

Main_Summary <- capture.output(res)

Fit_Statistics <- capture.out
boxplot(dat$yi)
qqnorm(res)
radial(res)
funnel(res, yaxis='vinv', mai
funnel(res, yaxis='seinv', ma
funnel(res, yaxis='vi', main=
funnel(res, main='Standard Ex
forest(res, attransf=exp)

These results are provided by the
above.

Wolfgang Viechtbauer (2010). Com
Software, 36(3), 1-48.
    
```



Fit Statistics

ML

logLik: -6.987587

deviance: 6.459898]

AIC: 15.975175

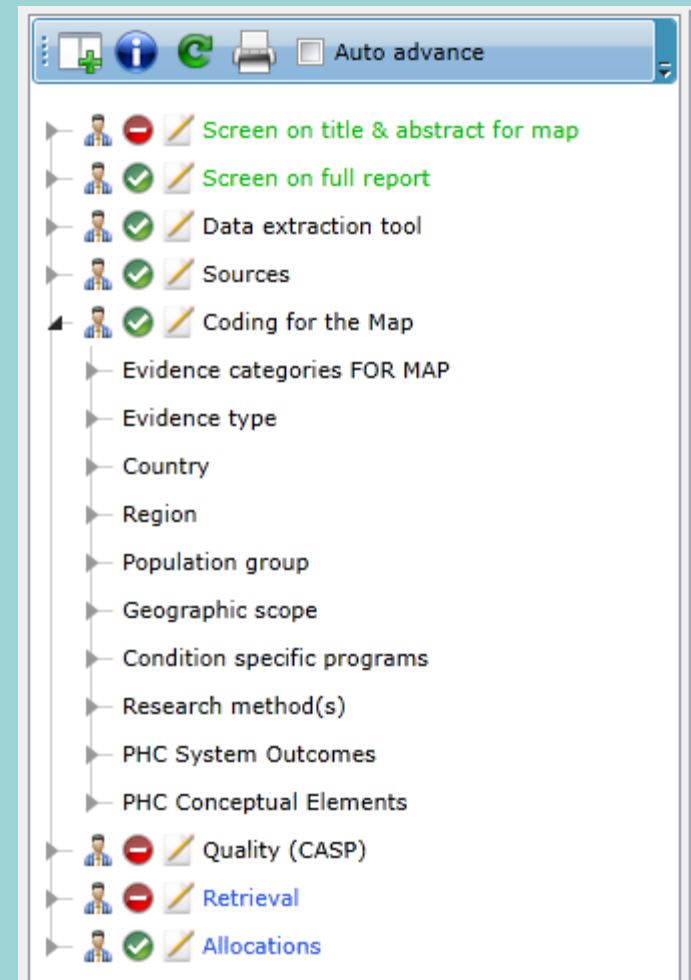
BIC: 15.584613

AICc: 17.308508

publishing the
Statistical

After EPPI-Reviewer... Evidence Maps

- Evidence (gap) maps developed with the Campbell Collaboration
 - Extract data using EPPI-Reviewer
 - Export using a coding report
 - Generate map using new mapping utility



Evidence Maps

- Filter the items to display

Settings
update

Filters

- Systematic review quality
- Low
- Moderate
- High
- Impact evaluation
- Protocol
- Population
 - People with disabilities
 - Children
 - Women

Style

- Bubble-map
- Heat-map
- Donut-map

About this map

Map of interventions for people with disabilities in

This map shows the coverage of 85 impact evaluations

Filters ⚙️

Outcomes				
Health				
Mental health and cognitive development	Access to health services	Immunization	Health check-up	Rehabilitation
Interventions	Promotion	Prevention	Medical care	Health

Filters ⚙️

Outcomes				
Health				
Mental health and cognitive development	Access to health services	Immunization	Health check-up	Rehabilitation
Interventions	Promotion	Prevention	Medical care	Health

- 5 Low quality SR
- 7 Moderate quality SR
- 2 High quality SR
- 18 Impact evaluation

- Tooltip counts of segment attributes (quality ratings, publication types, etc.)

The future...

- **EPPI-Reviewer 5**, developed in collaboration with NICE:
 - Entirely new, uses a different database.
 - Being rolled out at NICE, specifically designed for their needs.
- **Coding App** will soon be promoted, we are actively expanding it:
 - Will gradually gain EPPI-Reviewer *current* functionalities.
 - Will contain *new* functionalities (sometimes exclusively).
- **Data Services:**
 - Search, data reuse, discovery of extracted data.
 - Semi automated data extraction from tables and plots.
 - Machine learning – driven services (via API).
 - Based on Big(ish)-data approaches and technologies.

EPPI-Reviewer – GEIS 2018

EPPI-Reviewer Workshop.

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Thank you.

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