



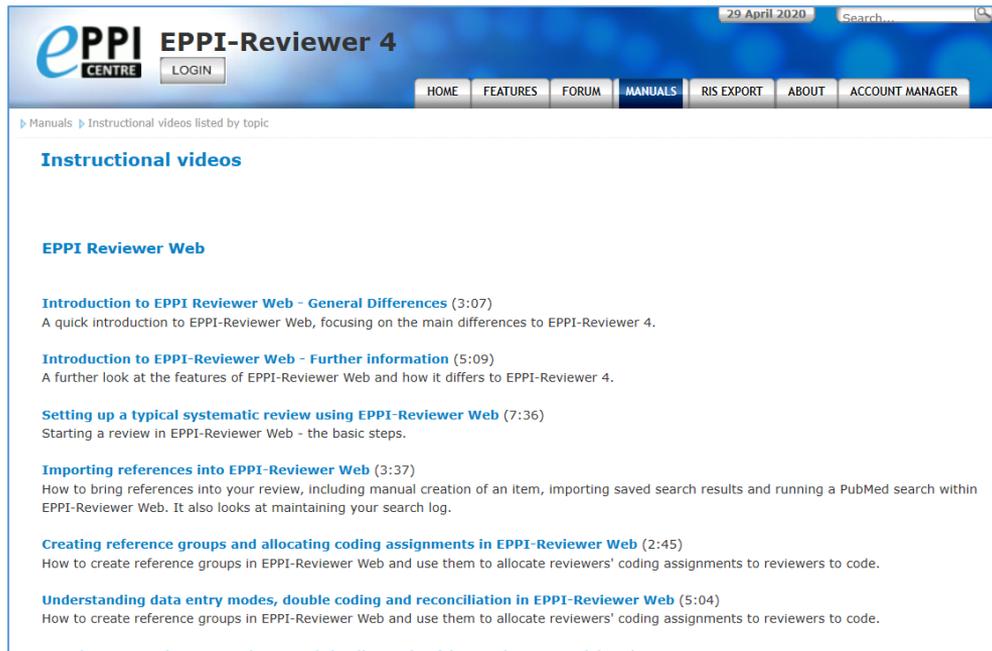
EPPI-Reviewer Web Demonstration

**Online SSRU Workshop
12 June 2020**

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@misc_nerd @EPPIReviewer





- Accessed through [EPPI-Reviewer gateway](#) or our [YouTube channel](#).

- Video playlists available for [General](#), [ER4](#) and [ER Web](#).

- Variety of ER Web topics, including:

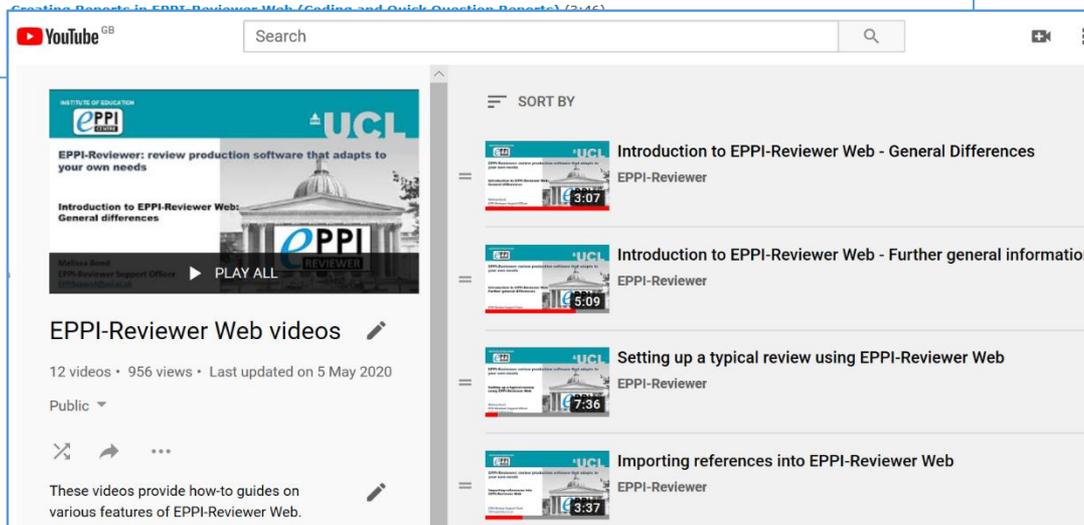
- [Importing references](#)

- [Editing coding tools](#)

- [Screening/coding](#)

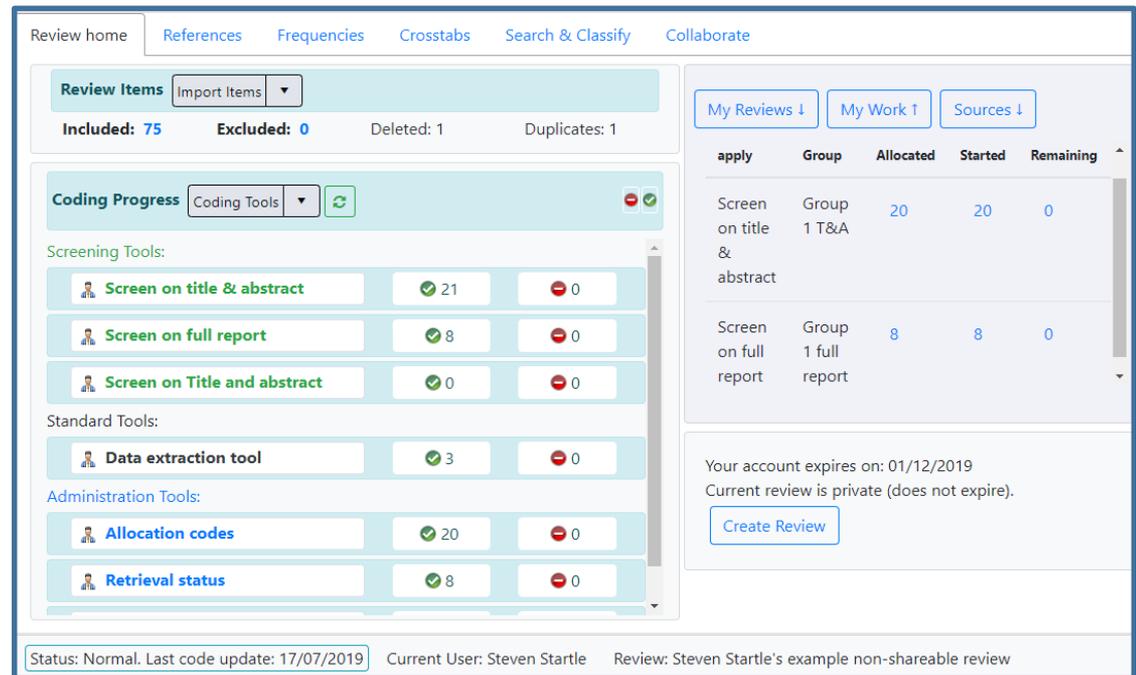
- [Running reports](#)

- [Interactive EGM](#)



<https://eppi.ioe.ac.uk/eppireviewer-web>

- Works with modern browsers (Firefox, Safari, Chrome).
- Works on web-enabled devices, e.g. smartphones and tablets.
- Uses the same data as ER4.



- Based on same tech as Google Docs and Gmail.
- It is **not finished** – new functionalities appear regularly (roughly every 1-2 months).

<https://eppi.ioe.ac.uk/eppireviewer-web>

EPPI-Reviewer Web (Beta)

Username:

Password:

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



[Click here](#)
to Create your
Account.

Visit the [EPPI-Reviewer Gateway](#)
for Account and Review Management, Documentation, Support and the RIS export utility.



 **For Cochrane Authors:** click [HERE](#) to login with your Cochrane account. [More info...](#)

Latest Changes: Version: 4.11.1.1 21/02/2020
Version 4.11.1.1 is a quick, out-of-schedule release containing bugfixes for EPPI-Reviewer Web and the first live deployment of EPPI-Reviewer Academic (for testing / R&D)
[Read More...](#)

Welcome to EPPI-Reviewer Web (beta).

This **Beta Application** provides an alternative interface to many common functionalities available in **EPPI-Reviewer 4**.

It works in modern web browsers and no longer requires the Silverlight plugin so it can be used on different devices such as desktops, laptops and tablets. Since it operates on the same data as EPPI-Reviewer 4, you can work on the same review using *either* application.

Although we are continuously adding more functionality to this version you may still need to use the older Silverlight application for some functions, until they are added to the new version.

We encourage all users to provide feedback and suggestions by contacting EPPIsupport@ucl.ac.uk.



[Create Review](#)

| ID | Review Name | Last Access: ↓ | Coding UI |
|-------|---|----------------|---------------------------|
| 7 | A review for testing (Sergio) | 09/03/2020 | Coding UI |
| 12392 | Melissa Bond's example non-shareable review | 07/02/2020 | Coding UI |

1. Enter your username.
2. Enter your password.
3. Click on 'Login'.
4. Select review by clicking on review name or 'Coding UI'.

EPPI REVIEWER Beta

Feedback Help Melissa Bond Logout

Review home References Frequencies Crosstabs Search & Classify Collaborate

Review Items Import Items Manage Duplicates

Included: 189 **Excluded:** 0 Deleted: 3 Duplicates: 3

Coding Progress Coding Tools

Screening Tools:

- Screen on Title & Abstract
- Screen on Full Text

Standard Tools:

- Risk Of Bias (Cochrane)
- Data Extraction

Administration Tools:

- Allocations
- Retrieval status

Your account expires on: 31/12/2020
Current review is private (does not expire).
[Create Review](#)
Site Admin... Latest feedback: 4/23/2020

My Reviews ↓ My Work ↓ Sources ↓

Codes

Similar layout to ER4 but ER4 My Info tab located within My Reviews and My Work buttons.

- Quick overview of included, excluded, deleted and duplicate items.
- Can also create a new review from here.

My Reviews panel

| ID | Review Name | Last Access: | Coding UI |
|-------|---|--------------|---------------------------|
| 21579 | My new review | 30/04/2020 | Coding UI |
| 319 | EPPI-Reviewer 4 demo | 30/04/2020 | Coding UI |
| 14085 | Flipped Learning/Student Engagement | 30/04/2020 | Coding UI |
| 19998 | International Collaboration Delphi | 28/04/2020 | Coding UI |
| 19183 | Frank | 24/03/2020 | Coding UI |
| | Community of Inquiry | | |

- Lists the reviews you have access to.
- Click on a review name to switch to that review.
- Click on ‘Coding UI’ to go to a coding only view.
- In order for this to work, work allocations need to be set up first.

EPPI-Reviewer Coding Feedback Help Melissa Bond Logout

Showing 48 items of 48 [View Options](#)

Showing work allocation remaining: Group 7

| Codes to apply | Group | Allocated | Started | Remaining |
|---------------------------------------|---------|-----------|---------|-----------|
| Screen on Title & Abstract Comparison | Group 1 | 240 | 140 | 100 |
| Data Extraction | Group 6 | 50 | 50 | 0 |

| <input type="checkbox"/> | ID | Short title† | Title | Year |
|---|----------|----------------|--|------|
| GO <input type="checkbox"/> | 43325827 | Hung (2009) | Examining Online Learning Patterns with Data Mining Techniques in Peer-Moderated and Teacher-Moderated Courses | 2009 |
| GO <input type="checkbox"/> | 43325828 | Hungwei (2019) | A Close Look at Trust Among Team Members in Online Learning Communities | 2019 |

My Work panel

| Codes to apply | Group | Allocated | Started | Remaining |
|----------------------------|------------------------------|-----------|---------|-----------|
| Screen on Title & Abstract | Group 1 Screen on T&A 10% | 18 | 0 | 18 |

- Lists your work allocations for that particular review.
- Click on the blue number in the Remaining column to go straight to a list of those items.

Sources panel

- Lists all imports, including imported files, PubMed searches within ER and manually created items.
- Items imported in one file can be deleted here if necessary.

| SOURCES in Review: | | | | |
|--------------------|----------------------------|-------|---------|------------|
| | Name | Items | Deleted | Duplicates |
| Delete | PubMed Search on 5/7/2020 | 476 | 0 | 25 |
| Delete | pubmed-migraineAN-set.txt | 10 | 0 | 2 |
| Delete | PubMed Search on 5/26/2020 | 477 | 0 | 453 |
| Delete | Manually Created Items | 2 | 0 | 0 |

- Click on the blue [Help](#) button to view contextual help.

Review home

The Review home page gives you a summary of what is happening in your review and gives you access to many of the program's functions.

Coding progress

Review Items: Import Items

Included: 497 Excluded: 3 Deleted: 0 Duplicates: 0

Coding Progress: Coding Tools

Screening Tools:

| | | |
|---------------------------------|----|---|
| Screening on Title and Abstract | 52 | 3 |
| Screening on Full Text | 4 | 5 |
| Sergio Graziosi | 1 | 4 |
| Steven Startle | 3 | 1 |

Standard Tools:

| | | |
|-----------------|---|---|
| Data Extraction | 3 | 0 |
|-----------------|---|---|

Administration Tools:

| | | |
|----------------|-----|---|
| Administration | 500 | 0 |
|----------------|-----|---|

Coding Tools

- Screening on Title and Abstract
 - Exclude on Date
 - Exclude on Topic
 - Include
- Screening on Full Text
 - Exclude on Topic
 - Exclude: not in English
 - Exclude: not an intervention
 - Include
- Data Extraction
 - study design
 - Region
 - population
 - outcomes
- Administration

On the right of the screen is the **Codes** button. Click on this button to show/hide your coding tools.

Review home | [References](#) | [Frequencies](#) | [Crosstabs](#) | [Search & Classify](#) | [Collaborate](#)

Review Items | Import Items | Manage Duplicates

Included: **189** Excluded: 0 Deleted: 3 Duplicates: 3

[My Reviews ↓](#) | [My Work ↑](#) | [Sources ↓](#)

Codes to apply | Group | Allocated | Started | Remaining

Review Items Import Items Manage Duplicates

Included: 189 Excluded: 0 Deleted: 3 Duplicates: 3

Coding Progress Coding Tools

Screening Tools:

| | | |
|----------------------------|-----|-----|
| Screen on Title & Abstract | ✓ 0 | ✗ 0 |
| Screen on Full Text | ✓ 0 | ✗ 0 |

Standard Tools:

| | | |
|-------------------------|-----|-----|
| Risk Of Bias (Cochrane) | ✓ 0 | ✗ 0 |
| Data Extraction | ✓ 0 | ✗ 0 |

Administration Tools:

| | | |
|------------------|-------|-----|
| Allocations | ✓ 180 | ✗ 0 |
| Retrieval status | ✓ 0 | ✗ 0 |

- Coding Progress panel shows the coding tools within the review.

Screening tools

- Include/Exclude only
- One level of hierarchy
- Normal or comparison mode

Standard tools

- Multiple code types
- Multiple levels
- Normal or comparison mode

Administration tools

- Selectable/non-selectable
- Multiple levels
- Normal data entry mode only

Review home | [References](#) | [Frequencies](#) | [Crosstabs](#) | [Search & Classify](#) | [Collaborate](#)

Review Items | [Import Items](#) | [Manage Duplicates](#)

Included: 271 | **Excluded: 0** | Deleted: 905 | Duplicates: 7

Coding Progress | [Coding Tools](#) | [Refresh](#)

Screening Tools:

| | Complete | Incomplete |
|---------------------------------------|----------|------------|
| Screen on Title & Abstract | ✓ 6 | ✗ 125 |
| Steven Startle | ✓ 5 | ✗ 123 |
| Donald Soluable | ✓ 1 | ✗ 125 |

- Clicking on the name of a coding tool will show the coding progress.
- By clicking on a blue number, you will be taken to a list of those items in the References tab.

The screenshot shows the EPPI-Reviewer Web interface. At the top left is the EPPI REVIEWER Beta logo. At the top right are links for Feedback, Help, the user name Melissa Bond, and a Logout button. Below the logo is a navigation menu with options: Review home, References, Frequencies, Crosstabs, Search & Classify, and Collaborate. The main content area is divided into several sections:

- Review Items:** Includes an 'Import Items' dropdown and a 'Manage Duplicates' button. Below this is a summary table:

| Included | Excluded | Deleted: | Duplicate |
|----------|----------|----------|-----------|
| : 189 | : 0 | 3 | s: 3 |
- Coding Progress:** Features a 'Coding Tools' dropdown, a refresh icon, and status icons (minus and plus). Below are 'Screening Tools' and 'Standard Tools' sections, each with a list of tools and their counts (e.g., 'Screen on Title & Abstract' with 0 green and 0 red icons).
- Account Information:** A box stating 'Your account expires on: 31/12/2020' and 'Current review is private (does not expire)'. It includes a 'Create Review' button and a 'Site Admin...' link with the text 'Latest feedback: 4/23/2020'.
- Right Sidebar:** Contains an 'Edit Tools' button, a 'With this Code' dropdown, and a refresh icon. Below is a list of tool categories: 'Screen on Title & Abstract', 'Screen on Full Text', 'Allocations', 'Retrieval status', 'Risk Of Bias (Cochrane)', and 'Data Extraction'. A green 'Codes' button with a double-headed arrow is highlighted with a red box at the bottom of this sidebar.

- Click on the green 'Codes' button to open and close the coding tools

Video: https://youtu.be/bGTYqe_ySyA

The screenshot shows the ePPI interface with the following elements highlighted:

- Review Items:** Included: 107, Excluded: 769, Deleted: 193, Duplicates: 192
- Coding Progress:** Coding Tools dropdown menu (highlighted in red)
- Screening Tools:** Screen on Title & Abstract (867)
- Edit Tools:** Edit Tools button (highlighted in red)
- Add Coding Tool:** Add Coding Tool button (highlighted in red)
- Dialog Box:**
 - Tool Type: Standard, **Screening** (selected), Administration
 - Coding Tool Name*: (empty field, red error message: Name is required)
 - Data Entry Mode: Normal, Comparison
 - Description (optional): (empty text area)
 - Create** button (highlighted in red)
 - Cancel button

1. Either click on **Coding Tools** or **Edit Tools**.
2. Click on **Add Coding Tool**.
3. Select the tool type and give the coding tool a name.
4. Select Normal or Comparison (double) coding.
5. Click **Create**.

Import Coding Tool(s) Add Coding Tool

To Edit a node in the code tree, please select the desired node in the right-hand side tree.

1. Click on **Import Coding Tool(s)**.
2. Choose the type of coding tool from the list.
3. Click on **Proceed**.

This wizard will help you set up the Coding Tools in your review in just a few clicks.

You can pick your Coding Tools from a list of templates or manually copy individual codesets into your review.

In EPPI-Reviewer Coding Tool (or Codesets) are used to store most of the reviewing data so configuring your codesets correctly is an important step in setting up your review.

Coding Tools can be designed for all stages of the review process. They are used as create screening (inclusion/exclusion) tools, data extraction tools, quality assessment tools, risk of bias tools and virtually any other coding needed.

Coding Tools can also be used to organise the review workflow and can be used to group together references according to organisational needs.

Coding Tools come in three types: Screening, Administrative and Normal, the latter being used for data-extraction and similar tasks.

Below you will find a list of Review Templates along with a description. Each template consists of a number of Coding Tools.

Please pick One Option:

Standard Review

Minimal Review

Manually pick from Public codesets...

Manually pick from your own codesets...

Description:

This template contains a selection of codesets that most reviews would include. There are two screening rounds, an Allocations codeset, a Data Extraction and a Risk of Bias codeset. If in doubt, this template is your best choice. You will be able to edit the imported Codesets, remove the unwanted ones and/or add more.

Contains 6 Coding Tools...

Cancel

Proceed →

This screen allows you to select individual Coding Tool(s) to import into your review.
You can select a Coding Tool from the list below and see it displayed in the centre column.
The Coding Tools that are already in your review are displayed in the third column.

Edit Coding Tools

[Feedit](#)

Available Coding Tools (public)

| |
|--|
| Screen on Title & Abstract |
| Screen on Full Text |
| Retrieval status |
| Allocations |
| Risk Of Bias (Cochrane) |
| Data extraction (Home Office review guidelines) |
| Screening |
| Allocations and Admin |
| Data Extraction |
| EEF Toolkit main data extraction v 1.0 June 2019 |
| EEF Toolkit effect size data extraction v 1.0 June 2018 |
| NICE Quality appraisal checklist - qualitative studies |
| NICE Quality Appraisal Checklist – quantitative intervention studies |
| CASP: 10 questions to help you make sense of qualitative research |
| AMSTAR |
| Risk of Bias - AMSTAR2 |

Coding Tool Preview:

- ▼ Screen on Title & Abstract
 - EXCLUDE on date
 - EXCLUDE on country
 - EXCLUDE on target group
 - EXCLUDE on intervention
 - EXCLUDE on evidence
 - INCLUDE for second opinion
 - INCLUDE on title & abstract

- ▶ Screen on Title & Abstract
- ▶ Screening on Title and Abstract
- ▶ Screening on Full Report
- ▶ Keywording/mapping tool
- ▶ Data extraction tool
- ▶ Allocation codes
- ▶ Retrieval status
- ▶ EGM Mapping tool template
- ▶ Report sets
- ▶ Cochrane Collaboration's tool f
- ▶ ROBIS: RoB in Systematic Review
- ▶ Inductive Coding
- ▶ Risk Of Bias (Cochrane)
- ▶ Data extraction (Home Office r
- ▶ EEF Toolkit main data extraction
- ▶ Allocations

1. Choose a coding tool.
2. Preview it.
3. Click on **Import Selected**.
 - You may need to scroll down to find it.

Cancel

Import Selected

ePPI REVIEWER Beta **Edit Coding Tools** Feedback Help Melissa Bond

Import Coding Tool(s) Add Coding Tool Edit Coding Tool **Add Child**

Current code (or set) Name: **Screen on Title & Abstract**

Code Type*

- Include
- Exclude

Code Name*

Description (optional)

Create Cancel

Coding Tool(s) in Review:

- Screen on Title & Abstract
- Screen on Full Text
- Allocations
- Retrieval status
- Risk Of Bias (Cochrane)
- Data Extraction

1. Select a coding tool or code in the panel on the right.
2. Click on **Add Child**.
3. Select Code Type, type in a code name and a description.
4. Click **Create**.

Import Coding Tool(s) Add Coding Tool **Edit Code** Add Child

Current code (or set) Name: **Group 1**

Code Type*
Not selectable (no checkbo ▾)

Code Name*
Group 1 ←

Description (optional)

Update **Move...** Delete Code...
Cancel

Coding Tool(s) in F C

- ▶ Screen on Title Abstract ▾
- ▶ Screen on Full T
- ▶ Allocations ▾ ▲
- ▶ Screening Title a Abstract ▾
- ▼ Screening on Fu **Group 1** ▾
- Group 2 ▲
- ▶ Keywording ▾ ▲
- ▶ Data extraction
- ▶ Retrieval status
- ▶ Risk Of Bias
- ▶ Data Extraction

1. Select the code on the right hand side.
2. Click on **Edit Code**.
3. Type in the new code name.
4. Click on **Update**.

Please select the **Destination Code** from the area below.

You can move this code into another part of its coding tool, with all its child codes (if any), without affecting coding data. Not all codes can be destination codes. This is because some moves are impossible (ex. you cannot move a code into one of its children) while others would break coding tool depth restrictions.

- ▼ Data Extraction
 - ▶ Method
 - ▼ Intervention
 - Intervention 1
 - Intervention 2
 - Intervention 3
 - ▶ Country

Moving: **Qualitative** into **Intervention**

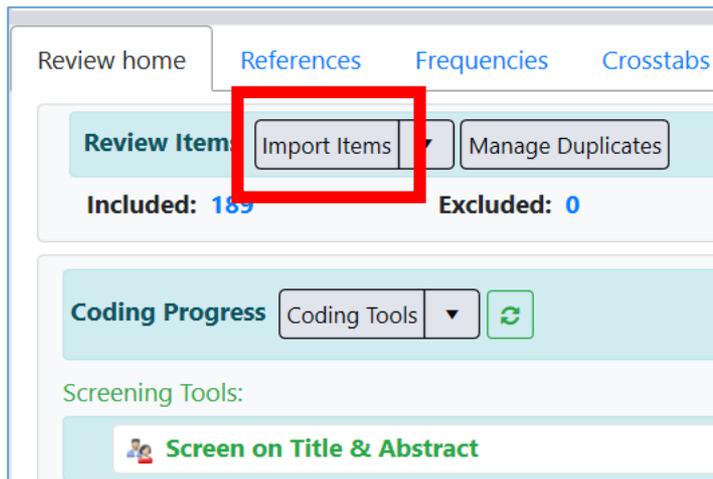
Cancel **Move!**

5. To move a code, either use the blue up and down arrows, or click on **Move...**
6. Choose where to move the code to.
7. Click on **Move!**

The screenshot shows the 'Edit Coding Tools' interface in the ePPI REVIEWER Beta. The current code (or set) name is 'Screen on Full Text'. The coding tool type is 'Screening' and the name is 'Screen on Full Text'. The data entry mode is currently 'Normal'. A red box highlights the 'Change' button next to 'Normal'. A second screenshot below shows the same interface with the 'Change' button highlighted, and a confirmation dialog box that asks: 'Are you sure you want to change to 'Comparison' data entry? This implies that you will have multiple users coding the same item using this Coding Tool and then reconciling the disagreements. Please ensure you have read the manual to check the implications of this.' The dialog has a 'Cancel' button and a 'Yes, change to Comparison mode.' button, with 'Comparison' highlighted in a red box.

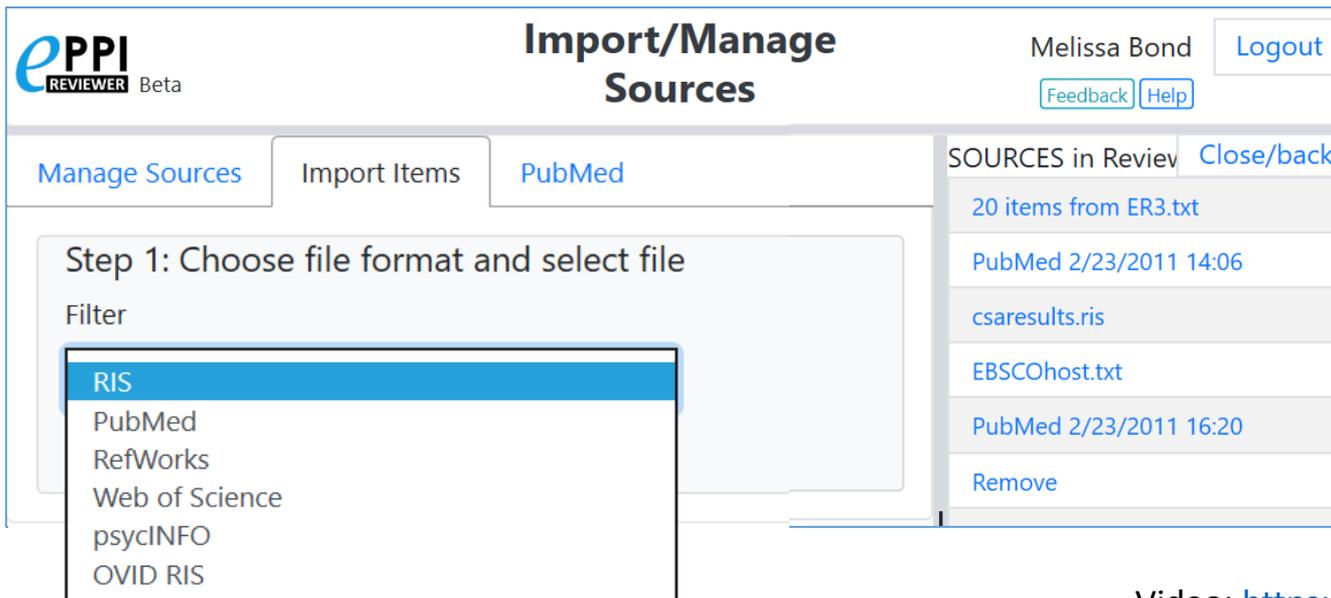
Video: <https://youtu.be/6-T9oCIAsJI>

1. Select the coding tool on the right hand side.
2. Click on **Edit Coding Tool**.
3. Click on the red **Change** button.
4. Confirm that you would like to change to comparison mode, by clicking on the red **Comparison** button.



Review home tab

- Click on the **Import items** button
- The Import/Manage Sources page will be displayed.



- Select an import filter.
- Find your file and click open.

Manage Sources Import Items PubMed

Step 2: Preview and import:

back Show Preview

Results: Total references = 10

Source Name Date of search

Fl.txt 30-Apr-2020

Search String (optional)

Database (optional)

Description (optional)

Notes (optional)

Import

- Number of items to import will be displayed.
- Enter search details if desired, including string, database and date of the search.
- Click on the **Show Preview** button to see items for importing.
- Check to see if they appear as you would expect.
- Click **Hide Preview** to collapse.
- Click on **Import** to bring the items into your review.

Import/Manage Sources

[Feedback](#) [Help](#) Melissa Bond [Logout](#)

Manage Sources **Import Items** PubMed

Source Name
20 items from ER3.txt

Date of search
23-Feb-2011

Database (optional)
Items from ER3

Search String (optional)
N/A

Description (optional)
These are items transferred from the demo review in EPPI-Reviewer 3

Notes (optional)

Source Stats:

| | |
|---------------------------------|--------------------------------|
| Items: 20 | Import Date: 23/02/2011 |
| Items coded: 20 | Is Deleted: false |
| Uploaded documents: 5 | Duplicates: 0 |
| Masters of duplicates: 0 | Outcomes: 7 |
| Deleted Items: 0 | Import Filter: RIS |

SOURCES in Review:

- 20 items from ER3.txt
- PubMed 2/23/2011 14:06
- csareresults.ris
- EBSCOhost.txt
- PubMed 2/23/2011 16:20
- Remove
- PubMed Search on 10/21/2015
- PubMed Search on 11/9/2015

Save Changes

Delete

Only deleted sources that do not contain master items of duplicates may be deleted permanently.

- A list of sources in the review is also displayed.
 - Clicking on one will show you the source information.

- To return to the previous screen, click on **Close/back** in the top right-hand corner.

Manage Sources Import Items PubMed

You can search **PubMed** directly from here.

PubMed is a free resource that is developed and maintained by the National Center for Biotechnology Information (NCBI), at the U.S. National Library of Medicine (NLM), located at the National Institutes of Health (NIH).

Step 1: Enter search string

Search String

dog and cat

Search PubMed

Manage Sources Import Items PubMed

Step 2: Preview and import

back

Show Preview

Results: Total references = **12807**

Source Name PubMed Search on 5/1/2020 Date of search: 01/05/2020 Database: PubMed

Search String dog and cat

Description (optional)

Notes (optional)

Import from Item: 1 to Item 10,000 Import

- Click on **PubMed** tab.
- Type in your search terms.
- Click **Search PubMed** and the items will be listed.
- Preview items and set the number to import (not too many!)
- Click **Import** to bring the items into your review.

- Review home tab.
- Click on the **black arrow** next to Import Items.
- Click on **New Reference**.

- Enter the citation details in the Edit Reference window.
- Be sure to select the correct reference type (e.g. journal article).
- When finished, click **Save and Close**.

Review home | References | Frequencies | Crosstabs | Search & Classify | Coll

Review Items | Import Items | **Manage Duplicates**

Included: 189 | Excluded: 0 | Deleted: 3 | Duplicates: 3

Coding Progress | Coding Tools | [Refresh]

Screening Tools:

- Screen on Title & Abstract
- Screen on Full Text

Standard Tools:

Works similarly to ER4 – click on **Manage Duplicates**.

Click **close/back** to return to the previous screen.

Completed groups are marked in green.

ePPI REVIEWER Beta

Duplicates Feedback Help Melissa Bond Logout

Refresh | **Get New Duplicates** | **Mark Automatically** | **Close/back**

6 groups of possible duplicates loaded (6 marked as completed).

| Done? | ID | Short Title |
|-------|---------|-----------------|
| true | 4304830 | Salo (2011) |
| true | 4304831 | Liu (2010) |
| true | 4304832 | Garden (2010) |
| true | 4304833 | Gandolfi (2010) |
| true | 4304834 | Bal (2009) |
| true | 4304835 | Hsu (2010) |

| | | | | | | | |
|------------------------|---|---------------------|-------|-----------------------|---------------|-----------------|------------------------|
| Master Item ID: | 1224348 | Coded count: | 7 | Uploaded Docs: | 0 | Pages: | |
| Pub Type: | Journal, Article | Date: | 2011 | Source: | PubMed | 2/23/2011 14:06 | |
| Authors(s): | Salo Päivi M M; Calatroni Agustin ; Gergen Peter J J; Hoppin Jane A A; Sever Michelle L L; Jaramillo Renee ; Arbes Samuel J SJ Jr; Zeldin Darryl C C; | | | | | | |
| Title: | Allergy-related outcomes in relation to serum IgE: Results from the National Health and Nutrition Examination Survey 2005-2006. | | | | | | |
| Pub Name: | The Journal of allergy and clinical immunology | | | | | | |
| Item ID: | 1224547 | Coded count: | 3 | Uploaded Docs: | 0 | Pages: | |
| Pub Type: | Journal, Article | Similarity: | 1.000 | Date: | 2011 February | Source: | PubMed 2/23/2011 16:20 |
| Authors(s): | Salo Päivi M M; Calatroni Agustin ; Gergen Peter J J; Hoppin Jane A A; Sever Michelle L L; Jaramillo Renee ; Arbes Samuel J SJ Jr; Zeldin Darryl C C; | | | | | | |
| Title: | Allergy-related outcomes in relation to serum IgE: Results from the National Health and Nutrition Examination Survey 2005-2006. | | | | | | |
| Pub Name: | The Journal of allergy and clinical immunology | | | | | | |
| Marked As: | Duplicate Not a Duplicate Mark as Master | | | | | | |

[Review home](#) | [References](#) | [Frequencies](#) | [Crosstabs](#) | [Search & Classify](#) | [Collaborate](#)

| | | | |

[First](#) | [Previous](#) | Page: of 2 | [Next](#) | [Last](#) | Showing 100 items of 107 | [View Options](#)

Showing | | |

| <input type="checkbox"/> | ID | Short title↑ | Title | Year |
|--------------------------|----------|------------------------------------|--|------|
| <input type="checkbox"/> | 36942162 | A technology leader's... (Caverly) | A technology leader's role in initiating a flipped classroom in a high school math class | 2017 |
| <input type="checkbox"/> | 33057853 | Abdelrahman (2017) | Flipped learning for ESL writing in a Sudanese school | 2017 |

1. Click on View Options to customise your item view.
2. Change the Page size number, to change the number of items displayed on the page.
3. Click on **GO** next to an item to view that record.

The EPPI-Reviewer Web Item Details interface is similar to ER4.

Coding panel

Navigation

Auto Advance

The screenshot shows the 'Item Details' page for a dissertation. On the left is a 'Coding panel' with various exclusion and inclusion criteria. At the top, there are navigation buttons: 'First', 'Previous', 'Next', and 'Last'. On the right, there are buttons for 'Show terms?', 'Auto Advance?', and 'Close/back'. Below the navigation is a tabbed interface with 'Item Details', 'Arms and Timepoints', 'PDF', and 'Coding Record'. The main content area displays the title 'A technology leader's role in initiating a flipped classroom in a high school math class' and an abstract. At the bottom right, there is an 'Edit' button. An 'Info box' is also visible at the bottom left of the coding panel.

Info box

One major difference - to edit an item record, you must click on the **Edit** button

Customise phrases

Show relevant and irrelevant terms

The screenshot displays the 'Item Details' page for a 'Dissertation'. On the left, a 'Review Term' table allows users to manage terms. The main content area shows the abstract of a paper about flipped classrooms, with terms like 'flipped classroom' and 'high school' highlighted in green. A toolbar above the abstract provides options to add, remove, or show/hide terms, as well as change the highlight style. A 'Find on:' dropdown menu is also visible.

| Review Term | Relevant? | | |
|-------------------|-------------------------------------|--|--|
| flipped classroom | <input checked="" type="checkbox"/> | | |
| flipped learning | <input checked="" type="checkbox"/> | | |
| high school | <input checked="" type="checkbox"/> | | |

Item Details | Arms and Timepoints | PDF | Coding Record

Ref. Type: **Dissertation**

[Add relevant term](#) | [Add irrelevant term](#) | [Remove term](#) | [Show/Hide Terms](#) | [Change Style](#)

A technology leader's role in initiating a flipped classroom in a high school math class

Abstract:
A mixed methods study was conducted to measure the effectiveness of a flipped classroom in a high school discrete mathematics course. In the flipped classroom, students watched videos of the teacher's lesson for homework while completing problems during class. Two sections of the course were involved in the study, with one group receiving the treatment of a flipped classroom, while the other section remained a traditional classroom. In the traditional classroom, the teacher delivered instruction during the class and students completed problems for homework. Students in both sections took a pre and post assessment on the content of the list processing algorithms and bin packing over a 2-week time period to measure their performance in the class and to compare the two groups. Members of the treatment group were also administered the Student Attitude Survey before and after the implementation of the flipped classroom to see if the treatment of a flipped classroom changed their engagement level toward mathematics. Students who scored with high performance—low engagement or low performance—high engagement were asked to participate in a focus group. The t test for independent samples indicated that the performance scores for the students who received the treatment of the flipped classroom on the post assessment were significantly different ($p < .05$) than were the scores of the control group. The paired samples t test indicated the engagement level of the students did not show a significant difference ($p < .05$) after receiving the treatment of the flipped classroom. The focus group students provided reasons why they liked or disliked the flipped classroom. The study results suggest a difference in the performance level of the students between the flipped classroom and the traditional classroom; however, the student engagement did not change after the treatment of the flipped classroom. Further research should be conducted to determine if a longer time period will help students adjust to the change in instruction. This study involved mainly high school seniors, so examining a different grade level would also be worth investigating.

Author(s) Caverly Gregg ;

[Find on:](#) Show optional fields? NO [Edit](#)

Add terms or change the style

Find PDF

First Previous Next Last Item 2 of 100 Show terms? Auto Advance? Close/back

Item Details Arms and Timepoints PDF Coding Record

Ref. Type: Journal, Article Find on: Show optional fields? Edit

Tobacco 21 policies in California and Hawaii and sales of cigarette packs: a difference-in-differences analysis.

Abstract:
 OBJECTIVE: To measure the association of raising the minimum legal age of tobacco sales to 21 years (T21) statewide with monthly sales of cigarette packs in California and Hawaii, the first two states to implement T21 statewide. METHODS: State monthly cigarette tax revenues from state departments of taxation were analysed for 11 states from January 2014 through December 2018 (n=660). Monthly cigarette packs sold were constructed using cigarette tax revenue and cigarette tax rate in each state. A difference-in-differences regression method was used to estimate the association of statewide T21 policies with monthly cigarette packs sold in California and Hawaii, separately, compared to the western states that did not implement such policies. Both models were controlled for year-month fixed effects, cigarette tax rates, smoke-free air laws, Medicaid coverage of smoking cessation, minimum legal sales ages for e-cigarettes and state marijuana laws, in addition to state demographic characteristics (sex, age, education, race/ethnicity and population size). FINDINGS: Implementation of T21 statewide was associated with a reduction of 9.41 (95% CI=-15.52 to -3.30) million monthly packs sold in California and 0.57 (95% CI=-0.83 to -0.30) million monthly packs sold in Hawaii, compared to regional states. These translate to a reduction of 13.1%-18.2%, respectively, in monthly packs sold relative to mean values before the implementation of T21. CONCLUSIONS: Raising the minimum legal age for tobacco sales to 21 years could reduce cigarette sales as part of a comprehensive tobacco control strategy that complements and builds on proven approaches to achieve this goal.

Author(s) Ali FRM ; Rice K ; Fang X ; Xu X ;

Journal Tobacco control

| | | | |
|--------------------|------------------------------------|---------------------|-----------------------------|
| Item is | Included | ID 45584063 | Imported ID 45077370 |
| Year | 2019 | ISSN | 0964-4563 (Linking) |
| Short Title | Ali (2019) | Pages | |
| Volume | | Issue | |
| Url | | | |
| DOI | 10.1136/tobaccocontrol-2019-055031 | Availability | |
| Edition | | Publisher | |
| Month | October | City | England |
| Country | | Institution | |

Comments
 Created by: Melissa Bond Created on: 2/25/20
 Source: E cigs and Smoking Cessation.txt

Upload

Documents:

| Id | Ref | File Name | Actions |
|--------|------------|-------------------------------|----------|
| 482601 | Ali (2019) | Systematic Review Process.pdf | Download |

- Click on **Upload** at the bottom of the item record.
- Select the file you want to upload and click on Open.
- Your file will now appear at the bottom of the item record, in the Documents panel.
- To view the PDF, click on the green eye icon.
- To delete the PDF, click on the red trash icon.

Video: <https://youtu.be/9eP70M4a9iE>

1. Click on the **green eye icon** to display the PDF.
2. Highlight the text in the PDF you want to code.
3. Click on the code it should be assigned to.
4. Click on the **Highlight** button (Black with an A symbol).

| Documents: | | | |
|------------|---------------|--|---|
| Id | Ref | File Name | Actions |
| 484238 | Alcala (2019) | Managing migraine with over-the-counter provision of triptans the perspectives and readiness of Western Australian community pharmacists.pdf |    |

Item Details Arms and Timepoints PDF Coding Record

Currently selected code: **Australia**

117 %

PeerJ

Managing migraine with over-the-counter provision of triptans the perspectives and readiness of Western Australian community pharmacists

Shaid Booth, Richard Parsons, Bruce Sunderland and Tin Fei Sim
School of Pharmacy and Biomedical Sciences, Curtin University, Perth, WA, Australia

The screenshot shows the ePPI REVIEWER Beta interface. The top navigation bar includes 'Feedback' and 'Help' buttons. Below it, there are navigation buttons for 'First', 'Previous', 'Next', and 'Last', along with 'Item 1 of 100'. A 'Show terms?' button and an 'Auto A' button are also visible. The main content area is titled 'Item Details' and shows the reference type 'Dissertation' and the article title 'A technology leader's role in initiating a flipped classroom in school math class'. The abstract text is partially visible. On the left sidebar, the 'Article Details' option is highlighted with a red box.

The screenshot shows the 'Add child to' dialog box in the ePPI REVIEWER Beta interface. The dialog has a title bar with navigation buttons. The main content area includes a dropdown menu for 'Add child to:' with 'Article Details' selected. Below it is a dropdown for 'Code Type*' with 'Selectable (show checkbox)' selected. There is a text input field for 'Code Name*' with a blue arrow pointing to it. Below that is a text area for 'Description (optional)'. At the bottom, there are 'Create' and 'Cancel' buttons, with the 'Create' button highlighted by a red box.

To add codes on the fly:

1. Click on the coding tool or parent code where you want to add the child code.
2. Click on the + icon.
3. Choose the code type.
4. Type in the code name.
5. Click on **Create**.

For a quick view of reviewer decisions within a coding tool:

1. Click on the coding tool in the codes panel.
2. Click on Live Comparison.

To toggle between Study Arms, click on the arrow next to Whole Study.

Review home | References | **Frequencies** | Crosstabs

Import Items | Cluster | **Coding Report** | In/Excl

Page: 1 of 2 | Next | Last

Showing Included Items

| <input checked="" type="checkbox"/> | ID | Short title↑ | Title |
|-------------------------------------|----------|------------------------------------|-----------------------------|
| <input checked="" type="checkbox"/> | 36942162 | A technology leader's... (Caverly) | A technology classroom in a |
| <input checked="" type="checkbox"/> | 33057853 | Abdelrahman | Flipped learnin |

Similar to a coding report in ER4.

1. Select the items to include.
2. Click on **Coding Report**.
3. Choose which coding tools to include.
4. Click the checkbox next to JSON report? to create a JSON report for an EGM.

Review home | References | Frequencies | Crosstabs | Search & Classify | Collaborate

Import Items | Cluster | Coding Report | In/Exclude | Export to RIS | Run Reports

Screen on Title & Abstract

Full text retrieval

Type & Method

Screen on Full Text

Data Extraction

Data Extraction complete

Coding for map

Allocations

JSON report?

Get Report

View/Print

Close

5. Click **Get Report**.

6. **View/Print** opens report tab.

7. Click the blue save icon to save as a HTML file.

Review home | References | **Frequencies** | Crosstabs | Search & Cl

Import Items | Cluster | Coding Report | In/Exclude | Export to R

First | Previous | Page: 1 | **Quick Question Report** | Showing 100 items of

Showing Included Items

| <input checked="" type="checkbox"/> | ID | Short title↑ | Title |
|-------------------------------------|----------|------------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> | 36942162 | A technology leader's... (Caverly) | A technology leader's role math class |
| <input checked="" type="checkbox"/> | 33057853 | Abdelrahman (2017) | Flipped learning for ESL wr |
| <input checked="" type="checkbox"/> | 33465752 | Abdul (2017) | Implementing the Flipped |

Similar to a configurable report in ER4.

1. Select the items to include.
2. Click the black arrow next to Coding Report.
3. Click on **Quick Question Report**.
4. Choose the parent/question code from any coding tool.

Screen on Full Text
 Data Extraction
 Data Extraction complete
 Coding for map

- Participant Focus
- Subject
- Year Level
- EdTech Tool Used
- Engagement
- Disengagement

Include Title?
 Show InfoBox Text?
 Show Coded Text?
 Show Code IDs?

Get Report

View/Print

Close

5. Choose whether to include InfoBox text and line-by-line PDF coding.
6. Click **Get Report**.
7. **View/Print** opens report tab.

- EdTech Tool Used
- Engagement
- Disengagement
- Outcomes

Get Report
 View/Print
Close

Appears below after clicking on Get Report.

| Item | Participant Focus | Subject | Year Level | EdTech Tool Used |
|--|-------------------|---------|----------------------|---|
| A technology leader's... (Caverly) (ID:36942162) | -Students | -Maths | -Year 11 -Year 12 | -Google Classroom -Videos (teacher made) -PowerPoint |
| Abdelrahman (2017) (ID:33057853) | -Students | -ESL | -Year 8 | -Videos (uncertain origin) -Self-assessment quizzes -Edmodo |

Clicking View/Print will open it in a new tab.

Save report as HTML and open in Excel or Word.

| Item | Participant Focus | Subject | Year Level | EdTech Tool Used |
|--|-------------------|----------------------|----------------------|---|
| A technology leader's... (Caverly) (ID:36942162) | -Students | -Maths | -Year 11 -Year 12 | -Google Classroom -Videos (teacher made) -PowerPoint |
| Abdelrahman (2017) (ID:33057853) | -Students | -ESL | -Year 8 | -Videos (uncertain origin) -Self-assessment quizzes -Edmodo |
| Abdul (2017) (ID:33465752) | -Students | -History | -Year 9 | -Videos (uncertain origin) -Self-assessment quizzes |
| Al-Harbi (2016) (ID:33058203) | -Students | -ESL | -Unsure | -Edmodo -Videos (made by others) |
| Avery (2018) (ID:36942160) | -Students | -History -Biology | -Year 11 | -Videos (uncertain origin) -Other LMS |

Review home | References | Frequencies | Crosstabs | Search & Classify | Collaborate

Import Items ▼ | Cluster | Coding Report ▼ | In/Exclude | Export to RIS ▼ | Run Reports

Items: All selected items

Order by: Year

Reports

Standard | Risk Of Bias | Outcomes

4. Choose the report.
5. Click on Run/View.

Report Name: [Please select...]

Display Options:

Item Id

Imported Id

Short title

Title

Alignment: Horizontal Vertical

Reports

Standard | Risk Of Bias | Outcomes

Report Name: For coding map

Display Options:

Item Id

Imported Id

Short title

Title

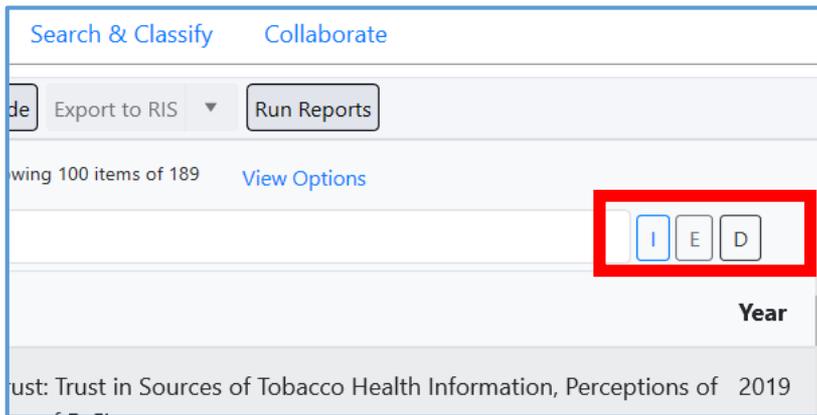
Alignment: Horizontal Vertical

Run/view | Cancel

1. Select the items to include in the report.
2. Click on Run Reports.
3. Choose how you want to order and display the data.

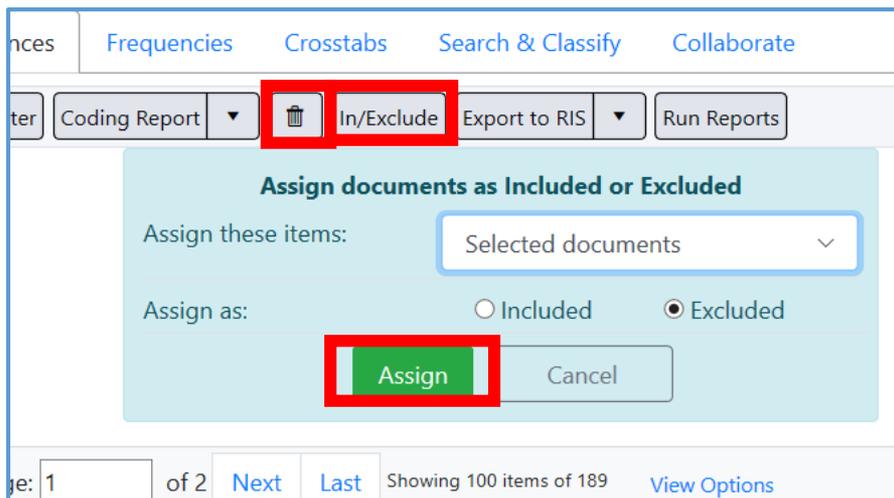
All items imported into a review are automatically marked as included.

- Marking items as Include (I flag), Exclude (E) or Deleted (D), can help organise your review.



- These flags are NOT tied to any particular coding tool.
- You can list items by clicking on the I, E or D icons.

To change an item's flag:



1. Select the item(s)
2. Click the **In/Exclude** button for changing to I or E.
3. Choose selected documents (or a specific code), change Assign as to Included or Excluded and click **Assign**.
4. To mark as D click the trash can icon.

Review home References **Frequencies** Crosstabs Search & Classify Collaborate

Get Frequencies Current code: Screen on Title & Abstract

Selected (parent) Code: **Set**

Selected Filter: **Set Filter** Clear Filter

Get frequencies for Included Excluded

Show results as: Table Pie chart Bar chart Show 'None of the codes above'

| Code | Count |
|------------------------------|---------------------|
| EXCLUDE duplicate | 79 |
| EXCLUDE not in English | 3 |
| EXCLUDE not flipped learning | 279 |

Edit Tools With this Code ↕

- Screen on Title & Abstract
- Full text retrieval
- Type & Method
- Screen on Full Text
- Data Extraction
- Data Extraction complete
- Coding for map
- Allocations

Code description:

This codeset is for screening on T Abstract. It is constructed of Exclu Include codes and has been set fo coding.

The criteria shown are for exampl only and would most likely chang

In the Frequencies tab, select the coding tool or parent code, click **Set** and then **Get frequencies**.

- Frequencies are only retrieved for one level of hierarchy.
- Clicking a blue number in the Count column will list those items.

Review home References Frequencies **Crosstabs** Search & Classify Collaborate

Get CrossTabs Current code: Type of Article

Selected X-Axis Code: Year **Set**

Selected Y-Axis Code: Type of Article **Set**

Selected Filter: Optional: filter by a specific code **Set Filter** Clear Filter

| | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-------------------------|------|------|------|------|------|------|------|
| Book Chapter | 0 | 0 | 2 | 0 | 1 | 5 | 0 |
| Dissertation | 1 | 2 | 1 | 6 | 8 | 3 | 6 |
| Journal Article | 1 | 0 | 5 | 7 | 20 | 22 | 16 |
| Conference Paper | 0 | 0 | 3 | 1 | 8 | 3 | 0 |
| Grey Literature | 1 | 1 | 1 | 1 | 1 | 1 | 0 |

1. Choose a parent code for the X-axis and the Y-axis by selecting the code in the Codes panel and clicking **Set**.
2. Click on **Get Crosstabs**.

1. Click on **New Search**.
2. Choose how you want to search for your items.
3. Click on **Run Search**.

▼ Screen on Title & Abstract

- EXCLUDE duplicate
- EXCLUDE not in English
- EXCLUDE not flipped learning
- EXCLUDE description of a tool
- EXCLUDE not primary research
- EXCLUDE no student engagement
- EXCLUDE no learning setting
- EXCLUDE not K-12

Combine searches with boolean operators.

You can also search for items with a specific code by selecting the code in the Codes panel, and clicking on **With this Code**.

▼ Screen on Title & Abstract

- EXCLUDE duplicate
- EXCLUDE not in English
- EXCLUDE not flipped learning
- EXCLUDE description of a tool
- EXCLUDE not primary research
- EXCLUDE no student engagement
- EXCLUDE no learning setting
- EXCLUDE not K-12
- INCLUDE for second opinion
- INCLUDE on title & abstract

Distribute Work

Create reference groups

Create new code

Create coding assignment

Create comparison

Reviewers

| ID | Name |
|------|------------------|
| 1512 | Steven Startle |
| 1572 | Donald Soluable |
| 1660 | Alice Interest |
| 1752 | 11Patrick Puddle |
| 649 | Jeff Brunton |

Coding Assignments

[Collapse](#)

| ID | Contact | Study Group | Codes to apply | Allocated | Started | Remaining | Delete |
|------|-----------------|-------------|---------------------------------|-----------|---------|-----------|------------------------|
| 1512 | Steven Startle | Group 1 T&A | Screening on Title and Abstract | 131 | 131 | 0 | Delete |
| 1572 | Donald Soluable | Group 1 T&A | Screening on Title and Abstract | 131 | 131 | 0 | Delete |
| 1512 | Steven Startle | Group 2 T&A | Screening on Title and Abstract | 131 | 131 | 0 | Delete |

Brings together work distribution tools.

- Create reference groups and coding assignments manually.
- Allocate work using the new Distribute Work wizard.
- Create comparison reports.

Review home References Frequencies Crosstabs Search & Classify Collaborate

Distribute Work **Create reference groups** Create new code Create coding assignment Create comparison

Select from: All without any codes from this coding tool

Select also from: Screen on Title & Abstract ▾

Percentage of references: 100 ▾ Number of groups: 5 ▾

Included Excluded

Create codes below this code / coding tool: Allocations ▾

Create Cancel

HELPFUL TIP:

Rename the group codes created to something unique immediately, e.g. Group 1 Screen on T&A

1. In the Collaborate tab, click on **Create reference groups**.
2. Choose which items to include.
3. Choose the percentage of items and number of groups to include.
4. Choose where to create the codes.
5. Click on **Create**.

Coding Assignments

Video: <https://youtu.be/p8xkMk9KKWQ>

| ID | Contact | Study Group | Codes to apply | Allocated | Started | Remaining |
|------|--------------|---------------------------|----------------------------|-----------|---------|-----------|
| 8451 | Melissa Bond | Group 1 Screen on T&A 10% | Screen on Title & Abstract | 18 | 0 | 18 |

[Review home](#) |
 [References](#) |
 [Frequencies](#) |
 [Crosstabs](#) |
 [Search & Classify](#) |
 [Collaborate](#)

[Distribute Work](#) |
 [Create reference groups](#) |
 [Create new code](#) |
 [Create coding assignment](#) |
 [Create comparison](#)

Reference group to assign:

Coding tool to use:

Reviewer:

1. In the Collaborate tab, click on **Create coding assignment**.
2. Choose the **reference group** to assign.
3. Choose the **coding tool**.
4. Choose the **reviewer**.
5. Click on **Assign**.

This will be demonstrated live shortly.

Review home | References | Frequencies | Crosstabs | Search & Classify | Collaborate

Distribute Work | Create reference groups | Create new code | Create coding assignment | Create comparison

Distribute work - Step 1: select the references to code.

This wizard will help you set up your coding assignments in 3 guided steps:

- Select the references to code**
- Choose the coding to be done
- Assign the coding to each reviewer

1.1. Select your references: ▼ Select the references based on previous coding, or all of the references in your review.

1.2. Included (I) or Excluded (E)? Included Excluded Restrict the selected references based on their (I) Include or (E) Exclude flag.

1.3. Percentage of references: Select a percentage of the references identified in steps 1.1 and 1.2. You **must** click "preview" to proceed.

Review home References Frequencies Crosstabs Search & Classify Collaborate

Distribute Work Create reference groups Create new code Create coding assignment **Create comparison**

Reviewer 1
Steven Startle ←

Reviewer 2
Melissa Bond ←

Reviewer 3 (optional)
←

Code set
Screen on Title & Abstract ←

Selected Filter:
Set Filter Clear Filter ←

Create Comparison

1. In the Collaborate tab, click on **Create comparison**.
2. Choose the reviewers.
3. Choose the coding tool.
4. Filter: optional
5. Click on **Create Comparison**.
6. Clicking on **Run** will open a report.

7. Click on View to reconcile.

Comparisons Collapse

| Code set | Reviewer 1 | Reviewer 2 | Group | Date | Run | View | Delete |
|----------------------------|----------------|-----------------|----------------|-----------|-----|------|--------|
| Screen on Title & Abstract | Steven Startle | Donald Soluable | Group 1 T&A | 4/23/2019 | Run | View | Delete |
| Screen on Title & Abstract | Steven Startle | Donald Soluable | Alice Interest | 3/11/2020 | Run | View | Delete |
| Screen on Title & Abstract | Steven Startle | Donald Soluable | | 3/12/2020 | Run | View | Delete |

The statistics are based on the status of the database at the time the comparison was created.

Full Include/Exclude Only

| | Agreements | Disagreements |
|------------------------------------|--|--|
| Steven Startle Vs. Donald Soluable | 58 / 125 (list) Complete & Lock Complete | 67 / 125 (list) Reconcile |

- Number of documents coded by *Steven Startle*: 125
- Number of documents coded by *Donald Soluable*: 131
- Number of documents coded by both *Steven Startle* and *Donald Soluable*: 125

If you need any help at all, *we are here for you!*

- EPPIsupport@ucl.ac.uk
- Support forum:
<https://eppi.ioe.ac.uk/cms/Default.aspx?tabid=2932>
- FAQ: <https://eppi.ioe.ac.uk/cms/Default.aspx?tabid=3384>
- YouTube: <https://www.youtube.com/user/EPPIReviewer4>

Questions / comments?