

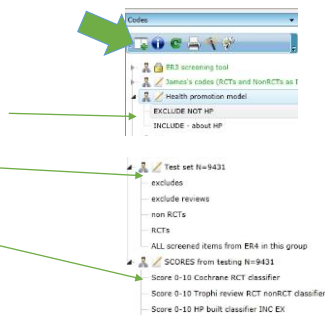
# Classifiers – how to build your own

To build a classifier you need a **development set** of known includes and excludes

To test the classifier you need a **test set** of includes and excludes

## 1. Create codesets

- i) include and exclude codes for the development set
- ii) a test codeset
- iii) a score codeset



1

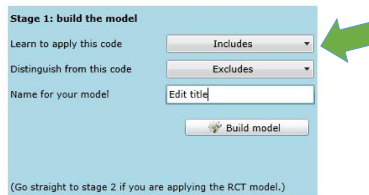
2. Click on the spanner 'classifier' icon to get the Machine building classifier menu



3. Build the model.

**Apply** the include code from exclude code.

**Name** the model.



2

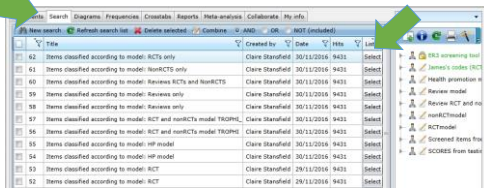
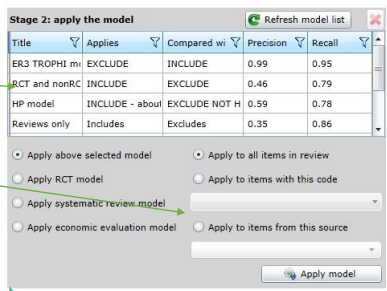
Go to stage 2

4. Select a model

5. Select the items to apply to the model

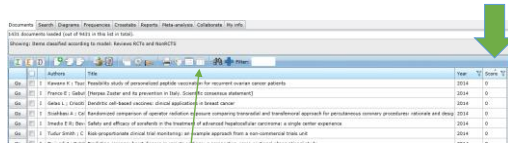
6. Choose the Search tab for the results.

7. Click 'Select'



The results are displayed.

A Score tab has appeared. The items are ranked from 0 to 99



8. Click on the Column icon.

9. Change the maximum no. of rows to 4,000.



10. Click on **score**. This orders items by score

Go	Authors	Title	Year	Score
Go	Kim J Y, Oh S J	Effectiveness of 6 months of tailored text message reminders for obese male participants in a worksite weight loss program: randomized controlled trial	2015	99
Go	Tamoori Parvati	A school-based randomized controlled trial to improve physical activity among Iranian high school girls	2008	99
Go	Bogart Laura M	A randomized controlled trial of students for nutrition and exercise: a community-based participatory research study	2014	99
Go	Ghoshal P, et al	Effectiveness of written education intervention among high school students in Tripura, Assam	2012	99
Go	Sokol-Goldberg J	School-based obesity prevention programs: a meta-analysis of randomized controlled trials	2013	99
Go	Guykba T M, et al	The impact of a health education intervention on self-reported helminth infections in grade 5 schoolchildren of the Peruvian Amazon: A cluster-randomized control	2013	98
Go	Lubans D J, et al	Two-year outcomes from the MEAT Girls obesity prevention cluster randomized controlled trial	2013	98

11. for each page of citations,

highlight the items coded 0-10 (Ctrl and drag with mouse)  
assign to the score code

add RCT code  
List items with this code (excluded)  
List items without this code (excluded)  
Display included item frequencies (children)  
Assign selected items to this code  
Remove selected items from this code (set to none)  
Report all text coded with this code (set to none)

Score 0-10 Cochrane RCT classifier  
+ 0-10 Trough review RCT nonRCT classifier EX  
+ 0-10 HP bulk classifier INC EX  
+ 0-10 bulk classifier EX INC  
+ 0-10 bulk model RCT, nonRCTs EX INC  
+ 0-10 bulk model RCT, nonRCTs EX INC  
+ 0-10 Trough review bulk classifier EX to INC  
+ 0-10 Trough RCT only INC to EX  
+ 0-10 Trough correct only INC to EX

12. Use the **frequency tab** to compare results for the code (these are excluded items with a score of 0-10)

Code: Score 0-10 Cochrane RCT classifier

excludes	Count	Select
excludes reviews	3801	Go
non RCTs	240	Go
RCTs	30	Go
ALL screened items from ER4 in this group	5	Go
None of the codes above	4076	Go
	0	Go

Selected code: Test set N=9431

Included documents  Excluded documents

Show table  Show pie chart  Show bar chart  Show the 'none'

Filter (optional):   Score 0-10 Cochrane RCT classifier

Graph font size: 10.00 Graph colour scheme: Bar/low

Click on Score code, and on 'Set'

Click on test set codeset

Click on