

Exporting Custom Tables and CER Materials

If you'd like to export contents from your nest, you can use the Export page or [Downloading from Inspector](#).



NOTE: Most Export functions have **moved to Inspector**.

Specifically, **all functions** except (1) the Custom Table Builder and (2) the CER Builder are now available under the "Download" button on Inspector.

Use this Export page for:

- Custom Table Export and
- CER Builder.

Use [Download from Inspector](#) for:

- Study metadata (CSV or RIS Files)
- Screening decisions
- Tags & Tag Contents
- Extracted Data
- Critical Appraisal
- All Full Text PDFs

Custom Table Export

Custom tables enable you to choose which bibliographic data, tags, and data elements you would like to export. Use this option if:

1. You want to choose the table type between tables of Study-level data, Study-Arm-level data, or Intervention-level data (i.e., in order to choose what the rows represent).
2. You want to filter to only a subset of the studies in your nest.
3. You are seeking to define exactly which columns should be presented.

Throughout the Custom Table build, the page presents a Preview; **use this Preview to understand the structure that your exported table will have after you are finished!**

1. Navigate to Export

Under Synthesis, click "Export"

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Export

Custom Tables

CER Builder

Generate tables describing included records in this nest. You must define the type of table (what the rows are) and a corresponding set of columns. Optionally supply filters to limit which rows are displayed.

Table of:

Study

Filter to:

Add

Columns:

Add

Column

Title

Column

First Author

Column

Year

Previewing 2 of 2 rows

Title	First Author	Year
Effect of Cheese Intake on Cardiovascular Diseases an...	Hu, Meng-Jin	2022
Avocado Consumption and Risk of Cardiovascular Dise...	Pacheco, Lorena S	2022

Download

It should already be opened to Custom Tables; if you navigate away, click the “Custom Tables” toggle to return to this page.

2. Choose Type of Table

Click on the drop-down menu under “Table of” in order to choose whether you would like a table showing elements from the study as a whole, the various study arms in each study (placebo, intervention groups, etc.), or across all interventions.

Custom Tables

CER Builder

Generate tables describing included records in this nest. You must define the type of table (what the rows are) and a corresponding set of columns. Optionally supply filters to limit which rows are displayed.

Table of:

Study

Study

Study Arm

Intervention

Tag

Columns:

Add

Column

Title

Column

First Author

Column

Year

Previewing 2 of 2 rows

Title	First Author	Year
Effect of Cheese Intake on Cardiovascular Diseases an...	Hu, Meng-Jin	2022
Avocado Consumption and Risk of Cardiovascular Dise...	Pacheco, Lorena S	2022

Download

Note that if you want to be able to export/download any extracted data--to create tables for a manuscript, for example--you must select Table of “Study Arm.”

Table of Studies

Export a Table of Studies if you want one row per study, and **only if you do not plan to export Data Elements**. This is because the only Data Element that is scoped to the Study (rather than Study Arm) is total Study Size.

To choose a Table of Studies, select “Study” in the drop-down, and proceed to Filters and Adding

Columns. You will be able to choose among Bibliographic data, Tag data, or Study Size. This will create a table where each row (red box) represents a single study and each header (red arrow) is either a bibliographic attribute or a tag:

Previewing 10 of 19 rows					
Title	First Author	Year	Size	Medication	Inclusion window
Aspiration Thrombectomy ...	Mocco, J	2016	108	Eligible for IVT: Present wit...	Up to 4.5 hours: intravenou...
A Randomized Trial of Intra...	LeCouffe, Natalie E	2021	539	Number of Patients with IV...	
POSITIVE: Perfusion imagi...	Mocco, J	2022	33		Up to 12 hours: presenting ...
Endovascular Thrombecto...	Yang, Pengfei	2020	656	Number of Patients with IV...	Up to 4.5 hours: Study can...
Safety and Efficacy of a 3-...	Nogueira, Raul G	2018	198	Ineligible for IVT: be refract...	Up to 8 hours: n. Patients ...
Effect of Thrombectomy W...	Lapergue, Bertrand	2021	405	Number of Patients with IV...	Up to 8 hours: This study e...
Thrombectomy 6 to 24 Ho...	Nogueira, Raul G	2018	206	Eligible for IVT: Patients w...	Between 6 and 24 hours: T...
Stent-retriever thrombecto...	Saver, Jeffrey L	2015	196	Number of Patients with IV...	Up to 6 hours: Entry criteri...
Endovascular therapy for is...	Campbell, Bruce C V	2015	70	Number of Patients with IV...	Up to 4.5 hours: We planne...
Effect of Endovascular Con...	Lapergue, Bertrand	2017	381		Up to 6 hours: clinicaltrials...

Table of Study Arms

Export a Table of Study Arms if you want each arm in each study to have its own row. This is the most similar table type to the Export All Data option below.

This is the most common export type for completing statistical analysis, since it is the **only table type that can list the exact data elements from the underlying studies**. It will create a table where each row is an arm (so a study, as shown by the boxes, may be split into multiple rows), and can have bibliographic, tag, or data element columns (arrows):

Previewing 10 of 38 rows						
Title	First Author	Year	Intervention	Medication	Arm Size	Mortality at 90D (n/N)
Endovascular thrombe...	Khoury, Naim N	2017	Unknown MT	Number of Patients wi...	40	11 / 40 (27.5%)
Endovascular thrombe...	Khoury, Naim N	2017	Standard Care/Medical ...	Number of Patients wi...	37	9 / 37 (24.3%)
Thrombectomy within ...	Jovin, Tudor G	2015	Stent-triiever	Number of Patients wi...	103	19 / 103 (18.4%)
Thrombectomy within ...	Jovin, Tudor G	2015	Standard Care/Medical ...	Number of Patients wi...	103	16 / 103 (15.5%)
Stent-retriever thromb...	Saver, Jeffrey L	2015	IVT alone	Number of Patients wi...	98	12 / 97 (12.4%)
Stent-retriever thromb...	Saver, Jeffrey L	2015	Stent-triiever + IVT	Number of Patients wi...	98	9 / 98 (9.2%)
Randomized assessme...	Goyal, Mayank	2015	Standard Care/Medical ...	Eligible for IVT: Table 1,...	150	28 / 147 (19.0%)
Randomized assessme...	Goyal, Mayank	2015	Unknown MT	Eligible for IVT: Table 1,...	165	17 / 165 (10.3%)
A randomized trial of i...	Berkhemer, Olvert A	2015	Unknown MT	Number of Patients wi...	233	44 / 233 (18.9%)
A randomized trial of i...	Berkhemer, Olvert A	2015	IVT alone	Number of Patients wi...	267	49 / 267 (18.4%)

Table of Interventions

Export a Table of Interventions if you want to summarize all data at the level of Interventions. This is the most similar table type to the initial Summary view of Quantitative Synthesis.

This table type will have each Intervention in a row, and the only options for rows will be summaries of the Data Elements for each Intervention:

Previewing 10 of 15 rows		
Intervention	Early Neurological Improvement (NIHSS) (Median, IQR)	Mortality at 90D (n/N)
Interventions	12.0 [3.1, 13.8] (1596)	884/4876 18.1% [16.6%, 19.7%]
Mechanical thrombectomy	12.0 [-1.4, 13.0] (779)	550/2862 19.2% [17.2%, 21.4%]
Stent-triever	2.0 [2.0, 2.0] (103)	104/535 19.5% [16.3%, 23.1%]
Aspiration		91/426 21.6% [17.6%, 26.3%]
Combination therapy		69/293 23.3% [17.8%, 29.9%]
Unknown MT	12.0 [3.8, 13.0] (676)	286/1608 17.3% [14.3%, 20.8%]
Thrombolysis/Medical therapy	15.4 [10.4, 16.0] (370)	177/949 18.9% [16.5%, 21.5%]
IVT alone	16.0 [16.0, 16.0] (267)	79/452 17.7% [14.4%, 21.5%]
Standard Care/Medical Therapy	6.0 [6.0, 6.0] (103)	98/497 19.9% [16.6%, 23.7%]

Table of Tags

Selecting Table of Tags is a specialized option; instead of exporting underlying study information, this exports your tagging hierarchy with basic information about the use of each tag.

If you select this option, you will export a table where each row is a tag, and you will additionally be able to note:

- The Tag Description
- The “Depth” of that tag, representing where it is in the hierarchy (0 = Root Tag, 1 = right below Root Tag, etc.)
- If that tag was configured as a Data Element
- The frequency of the use of that Exact Tag
- The Recursive Frequency of that tag, representing how commonly that tag OR any of its children were used

Previewing 10 of 97 rows					
Name	Description	Depth	Data Element	Exact Frequency	Recursive Frequency
Patient Characteristics		0		0 / 19 (0.0%)	19 / 19 (100.0%)
Timing		1		0 / 19 (0.0%)	15 / 19 (78.9%)
Onset-to-alteplase		2	Continuous: Median (IQR)	11 / 19 (57.9%)	11 / 19 (57.9%)
Admission-to-needle		2	Continuous: Median (IQR)	4 / 19 (21.1%)	4 / 19 (21.1%)
Needle-to-puncture		2	Continuous: Median (IQR)	1 / 19 (5.3%)	1 / 19 (5.3%)
Needle-to-recanalization		2	Continuous: Median	0 / 19 (0.0%)	0 / 19 (0.0%)
Onset-to-groin puncture		2	Continuous: Median (IQR)	13 / 19 (68.4%)	13 / 19 (68.4%)
Medication		1		0 / 19 (0.0%)	16 / 19 (84.2%)
IVT after thrombectomy?		2	Dichotomous	0 / 19 (0.0%)	0 / 19 (0.0%)
Tenecteplase (instead of alt...		2	Dichotomous	0 / 19 (0.0%)	0 / 19 (0.0%)

3. Filter (Optional)

If you want to export only the data from a subset of the studies in the nest, use the “Filter To” dropdown after selecting “Table of ...”. This will work differently based on the Table Type you selected above:

- In **Tables of Studies**, you can filter to studies that have a Tag at or below a certain level.
- In **Tables of Study Arms**, you can filter to study arms that have a certain Intervention, a certain Data Element collected for them, or that have a specific Tag at or below a certain level on the corresponding study.
- In **Tables of Interventions**, you can filter to studies that have a specific Intervention.
- In **Tables of Tags**, you can filter to studies that have a Tag at or below a certain level.

4. Add Columns

Once you have selected the type of Table you are exporting and applied any relevant filters, you can customize what columns will be presented in your exported Table.

Depending on Table Type, you can select:

- **Bibliographic Data:** Name, Author, Year, PubMed ID, and/or a Link to the article, among others.
 - To add all citation information in one cell, select “Citation” from the Attribute drop-down.
- **Tag:** The tag names and tag text excerpts at or below a given tag.
- **Intervention:** The Intervention applied to an entire cohort or to a Study Arm.
- **Study/Arm Size:** The total number of patients in a Study or an Arm.
- **Data Element:** The exact quantitative data associated with a given Study Arm or cohort. Note: Categorical Data Elements cannot be exported in this table structure due to their large column sizes.

Custom TablesCER BuilderExtracted DataRoB

Generate tables describing included records in this nest. You must define the type of table (what the rows are) and a corresponding set of columns. Optionally supply filters to limit which rows are displayed.

Table of:Study

Filter to:Add

ColumnsAdd

Bibliographic Data

At or Below Tag

Exact Tag

Extraction

Author XColumnYear X

Previewing 4 of 4 rows

Title	First Author	Year
Trial of Endovascular Treatment of Acute Basilar-Artery Occlusion		1970
Trial of Thrombectomy 6 to 24 Hours after Stroke Due to Basilar-Artery Occlusion		1970
Endovascular Therapy for Stroke Due to Basilar-Artery Occlusion.	Langezaal, Lucianne C M	2021
Endovascular treatment versus standard medical treatment for vertebrobasilar artery occlusion (BE...	Liu, Xinfeng	2020

Download

Including Tag Tables

If you have configured and extracted data in tag tables, you can add individual tags to your custom table or add all table contents. To do so, under the columns dropdown select “Exact Tag” and you will see both options. Tags with an associated table will have a table icon next to them allowing you to pick and choose:

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Generate tables describing included records in this nest. You must define the type of table (what the rows are) and a corresponding set of columns. Optionally supply filters to limit which rows are displayed.

Table of:

Study

Filter to:

Add

Columns:

Exact Tag

68

Column

Title

Column

First

Download

48. Omission of uncertainty

49. Methodological uncertainties

50. Structural uncertainties

51. Heterogeneity

52. Methods of Uncertainty Assessment

53. Sensitivity analyses ranges

54. Mathematical logic

55. Counterintuitive results

56. Independent data differences

57. Comparison to previous models

4c. Outcome Assessors Blinding

10. Local Population

Example Inclusion Reason

Characteristics

Sex

Age

Previewing 2 of 2 rows

First Author	Year
Sanofi	2021
Smith	2023

Or select “All Table Contents” at the top.

File Export: test

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Export

Generate tables describing included records in this nest. You must define the type of table (what the rows are) and a corresponding set of columns. Optionally supply filters to limit which rows are displayed.

Table of:

Study

Filter to:

Add

Columns:

Exact Tag

68

Column

Title

Column

First

Download

All Table Contents

All Text Contents

Phillips Checklist

Structure

1. Decision Problem

2. Objective

3. Decision maker

4. Model perspective

5. Model inputs

6. Model Scope

7. Model outcomes

8. Model structure

9. Sources

10. Causal relationships

11. Structural Assumptions

12. Reasonable structural assumptions

13. Definitions

Previewing 2 of 2 rows

First Author	Year
Sanofi	2021
Smith	2023

When multiple tables are added, NK attempts to join columns that share similar names to reduce duplicate columns. In the below example, both the Age and Sex tables had a column for “Group” with rows for “Adult” and “Children” so they are joined for the purposes of exporting a custom table as you can see in the preview:

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Export

Generate tables describing included records in this nest. You must define the type of table (what the rows are) and a corresponding set of columns. Optionally supply filters to limit which rows are displayed.

Table of:

Study

Filter to:

Add

Columns:

Add

Column

Title

Column

First Author

Column

Year

Column

Sex

Column

Age

Joins:

Tag Table

Sex

Tag Table

Age

Previewing 3 of 3 rows

Title	First Author	Year	Sex: Group	Sex: Male N	Sex: Female N	Age: Mean	Age: SD	Age: Median	Age: Range
Rilzabrutinib f...	Sanofi	2021							
A Multicenter, ...	Smith	2023	Adults	17	28	35	2		
A Multicenter, ...	Smith	2023	Children	12	4			12	8-14

Download

If this is incorrect, you can manually unjoin them by clicking the icon between tag tables listed (circled in red below) and clicking “X” on the incorrect joining (circled in blue below). Here you can also manually join other column names as appropriate (circled in green).

NESTED

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Export

Generate tables describing included records in this nest. You must define the type of table (what the rows are) and a corresponding set of columns. Optionally supply filters to limit which rows are displayed.

Table of:

Study

Filter to:

Add

Columns:

Add

Column

Title

Column

First Author

Column

Year

Column

Sex

Column

Age

Joins:

Tag Table

Sex

Tag Table

Age

Group

Key

Group

Key

Group

Male N

Group

Mean

Group

SD

Group

Median

Group

Range

Previewing 3 of 3 rows

Sex: Group	Sex: Male N	Sex: Female N	Age: Mean	Age: SD	Age: Median	Age: Range
Adults	17	28	35	2		
Children	12	4			12	8-14

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5. Reorder Columns

If you wish to change the order of columns presented, simply drag and drop the column pills:

Nested Knowledge - <https://wiki.nested-knowledge.com/>

Columns:

Add

Column Title X

Column DOI X

First Author X

Column Year X

Column DOI X

Previewing 4 of 4 rows

Title	First Author	Year	DOI
Trial of Endovascular Treatment of Acute ...		1970	DOI: 10.1056/NEJMoa2206317
Trial of Thrombectomy 6 to 24 Hours afte...		1970	DOI: 10.1056/NEJMoa2207576
Endovascular Therapy for Stroke Due to B...	Langezaal, Lucianne C M	2021	10.1056/nejmoa2030297
Endovascular treatment versus standard ...	Liu, Xinfeng	2020	10.1016/s1474-4422(19)30395-3

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The column order will change accordingly.

Columns:

Add

Column Title X

Column DOI X

Column First Author X

Column Year X

Previewing 4 of 4 rows

Title	DOI	First Author	Year
Trial of Endovascular Treatment of Acute ...	DOI: 10.1056/NEJMoa2206317		1970
Trial of Thrombectomy 6 to 24 Hours afte...	DOI: 10.1056/NEJMoa2207576		1970
Endovascular Therapy for Stroke Due to B...	10.1056/nejmoa2030297	Langezaal, Lucianne C M	2021
Endovascular treatment versus standard ...	10.1016/s1474-4422(19)30395-3	Liu, Xinfeng	2020

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Advanced Settings

Once you start customizing your table, you can also toggle with the advanced setting. By default, when you add multiple tag columns to your table that are organized under separate root tags in the hierarchy, they will be exported into separate sheets within your workbook. This can be helpful to organize large datasets. This can be turned off by unchecking the box, and all columns will be encompassed in a single sheet.

When you are finished customizing your table, click Download. This will export a .xlsx file of your table.

CER-specific Exports

Nested Knowledge offers export of certain data required by the [EU MDR 2.7.1 Rev 4](#) as part of the [Clinical Evaluation Report](#) submission process.

Accessing the CER Export page

To access the CER Export page, select Export from the AutoLit menu, and then in the resulting page, toggle to "CER Builder."

Custom Tables

CER Builder

Generate tables commonly included in Clinical Evaluation Reports (CERs).

CER Table Type

Screening

Literature Searches

Screening

Download

Exporting Documents and Data

In the CER Builder, you have the options of exporting your Literature Search or your Screening activities.

1. Literature Search Export

To export a record of the Search Engines you used, alongside specific queries used, the number of total records returned, duplicates found and the number included and excluded from each search (as well as all studies that were [added individually](#)), select “Literature Search” from the drop-down.

Then, choose whether to export as a .docx or a .csv, and select “Download.” See below for an example. Searches are listed in chronological order from top to bottom by when they were first ran in your nest. The duplicate column refers to the number of duplicates found in the corresponding search, compared to the studies already in the nest and therefore returned by previous searches.

Search	Database	Query	Date	Results	Duplicate	Excluded	Included
1	PubMed	basilar AND "ischemic stroke" AND (RCT OR "randomized controlled trial")	Jun 25, 2021	25	0	24	0
2	PubMed	"basilar artery occlusion" AND "randomized controlled trial"	Jun 25, 2021	16	7	8	1
3	PubMed	basilar AND (stent-retriever OR aspiration OR thrombectomy) AND (IVT OR IV-tPA OR thrombolysis) AND stroke	Jun 25, 2021	244	14	227	0
4	Expert Recommendation		Jun 30, 2021	3	1	0	2
TOTAL				288	22	259	3

2. Screening Export

To export a record of all studies Screened in your nest, with full citation information and links to full texts, as well as the Screening status and (if excluded) the Exclusion Reason, select “Screening” from the drop-down.

Generate tables commonly included in Clinical Evaluation Reports (CERs).

CER Table Type

Screening

Format

CSV

docx

CSV

Then, choose whether to export as a .docx or a .csv, and select “Download.” This will create a document that contains records such as:

Search	Reference	Include/Exclude
1	Kasner et al. Warfarin vs aspirin for symptomatic intracranial stenosis: subgroup analyses from WASID. <i>Neurology</i> . 2006. Full text	Excluded: Published Before 2014-01-01
1	Zhang et al. Prognosis of dolichoectasia in non-cardioembolic transient ischemic attack and minor stroke. <i>Neurol Res</i> . 2018. Full text	Excluded: Does not have an MT to thrombolysis comparison in basilar stroke
1	Campbell et al. Effect of Intravenous Tenecteplase Dose on Cerebral Reperfusion Before Thrombectomy in Patients With Large Vessel Occlusion Ischemic Stroke: The EXTEND-IA TNK Part 2 Randomized Clinical Trial. <i>JAMA</i> . 2020. Full text	Excluded: Does not relate to basilar AIS
1	Rozeman et al. Evolution of Intra-arterial Therapy for Acute Ischemic Stroke in The Netherlands: MR CLEAN Pretrial Experience. <i>J Stroke Cerebrovasc Dis</i> . 2016. Full text	Excluded: Does not have an MT to thrombolysis comparison in basilar stroke

Export All Data or Export RIS Files

These functions have been moved to [Download from Inspector](#).

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