

Dual Extraction

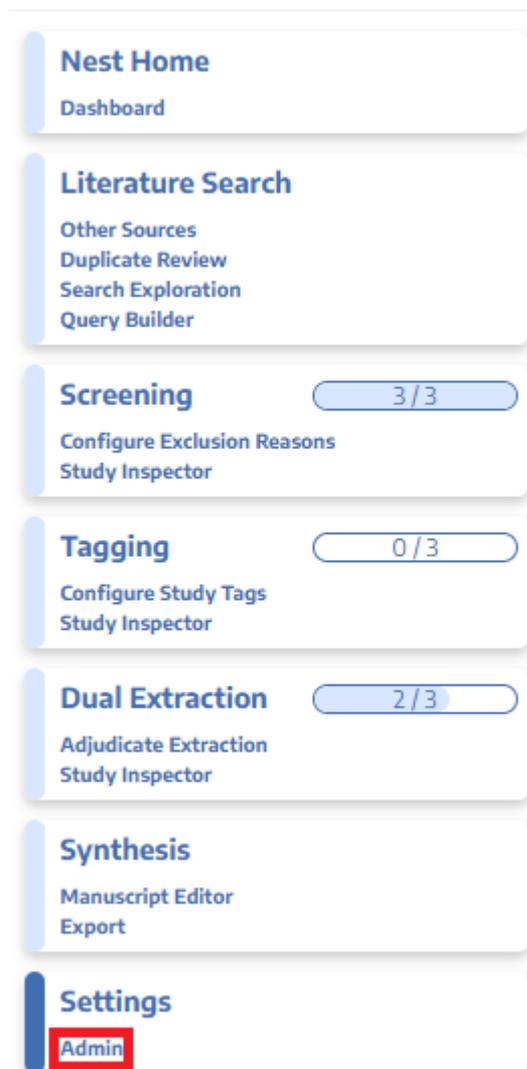
Dual Extraction is a quality-controlled extraction process, where two users independently extract data from each article, and then all data are adjudicated by an Administrator.

The Admin adjudicates any disagreement between Reviewer A and Reviewer B and sets the final determination for each study. For example, if Reviewer A extracts the mean age as 70 but Reviewer B extracts it as 71, the Adjudicator will then need to choose between those values and identify the correct one.

Only those with Admin privileges can serve as Adjudicators, but any user can serve as a Reviewer

This feature is useful to ensure that your team curates the most accurate and high quality data possible. Dual extraction can help with this since it has been shown that dual extraction results in fewer errors than single extraction. ([source](#))

Configure Dual Extraction



The image shows a sidebar menu with the following items:

- Nest Home
 - Dashboard
- Literature Search
 - Other Sources
 - Duplicate Review
 - Search Exploration
 - Query Builder
- Screening (3/3)
 - Configure Exclusion Reasons
 - Study Inspector
- Tagging (0/3)
 - Configure Study Tags
 - Study Inspector
- Dual Extraction (2/3)
 - Adjudicate Extraction
 - Study Inspector
- Synthesis
 - Manuscript Editor
 - Export
- Settings
 - Admin

To configure dual extraction, go to the Admin page under settings and then scroll to the Extraction section. Then, toggle to dual extraction to turn this feature on.



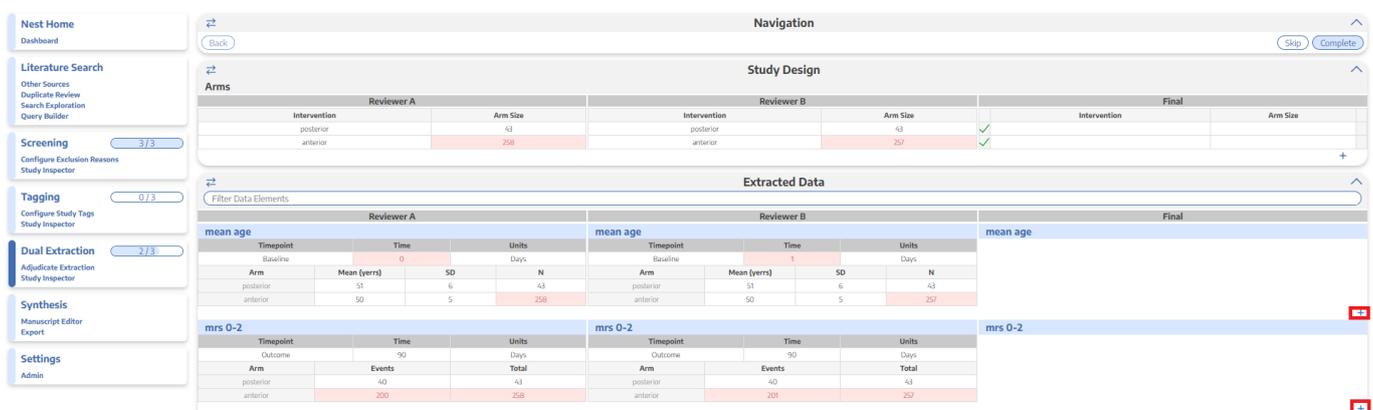
 **Note:** Toggling back from Dual Extraction to Standard Extraction will ONLY save final adjudications, and **all data associated with individual users' extractions will be lost!**

Dual Extraction Steps

1. Turn on dual extraction using the steps shown above.
2. Two users must independently extract the data.

If you need help with this, check out [this page](#). If two users don't independently extract the data in a given study, the study will not appear in the Adjudicate Extraction tab.

3. Adjudicate the data



The screenshot displays the 'Dual Extraction' interface. On the left is a navigation sidebar with options like 'Dashboard', 'Literature Search', 'Screening', 'Tagging', 'Dual Extraction', 'Synthesis', and 'Settings'. The main area is divided into 'Study Design' and 'Extracted Data' sections. The 'Study Design' table compares Reviewer A and Reviewer B data against a 'Final' column. The 'Extracted Data' section shows detailed data for 'mean age' and 'mrs 0-2' across different timepoints and arms, with red highlighting indicating areas of disagreement between reviewers.

Reviewer A		Reviewer B		Final	
Intervention	Arm Size	Intervention	Arm Size	Intervention	Arm Size
posterior	43	posterior	43		
anterior	258	anterior	257		

Reviewer A				Reviewer B				Final			
Timepoint		Time	Units	Timepoint		Time	Units	Timepoint		Time	Units
Baseline		0	Days	Baseline		1	Days				
Arm	Mean (years)	SD	N	Arm	Mean (years)	SD	N				
posterior	51	6	43	posterior	51	6	43				
anterior	50	5	258	anterior	50	5	257				

mrs 0-2				mrs 0-2				mrs 0-2			
Timepoint		Time	Units	Timepoint		Time	Units	Timepoint		Time	Units
Outcome		90	Days	Outcome		90	Days				
Arm	Events	Total		Arm	Events	Total					
posterior	40	43		posterior	40	43					
anterior	200	258		anterior	201	257					

Places where the Reviewers disagreed will be highlighted in red. There are three columns: Reviewer A, Reviewer B, and Final. The adjudicator will put the correct data in the Final column, adjudicating differences between the reviewers. The adjudicator can choose to input the same data as either of the reviewers or neither of them if they were both wrong. To enter in data, hit the plus sign and fill in the cells.

Navigation Back Skip Complete

Study Design

Arms

Intervention		Arm Size	Intervention		Arm Size	Intervention		Arm Size
posterior		43	posterior		43			
anterior		258	anterior		257			

Extracted Data

Filter Data Elements

mean age				mean age				mean age			
Timepoint	Time	Units		Timepoint	Time	Units		Timepoint	Time	Units	
Baseline	0	Days		Baseline	1	Days		Baseline		Days	
Arm	Mean (yerrs)	SD	N	Arm	Mean (yerrs)	SD	N	Arm	Mean (yerrs)	SD	N
posterior	51	6	43	posterior	51	6	43				
anterior	50	5	258	anterior	50	5	257				

mrs 0-2				mrs 0-2				mrs 0-2			
Timepoint	Time	Units		Timepoint	Time	Units		Timepoint	Time	Units	
Outcome	90	Days		Outcome	90	Days		Outcome		Days	
Arm	Events	Total		Arm	Events	Total		Arm	Events	Total	
posterior	40	43		posterior	40	43					
anterior	200	258		anterior	201	257					



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