

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](#))

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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

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Study Design

Arms

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

Extracted Data

Filter Data Elements

Reviewer A					Reviewer B					Final				
mean age					mean age					mean age				
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.

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Arms

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

Extracted Data

Filter Data Elements

Reviewer A				Reviewer B				Final			
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	
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