

Drag & Drop and Ranking Grid: Report on Rank Not Row Headers

Both our [Drag & Drop Ranking](#) question and our [Ranking Grid](#) will report and export on the row headers for each question. The report data of an aggregated score and a corresponding rank for each row header/option. Some users are more interested in focusing on the rank and how often each row header or option is selected for each rank. This script will transform the data into a hidden Radio Button Grid to accomplish the rank aggregation for each row header/option.

Check it out the [example survey](#) and the results in a [example report!](#)

OR

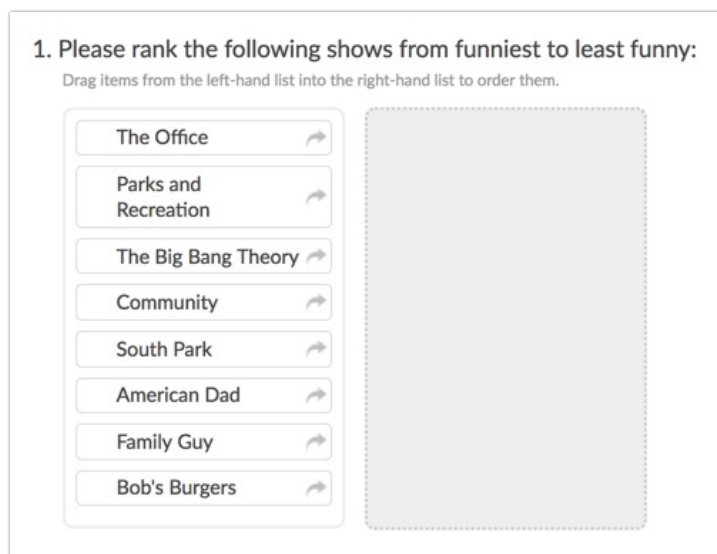
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We'll be using the following Alchemer features and functions in this example:

- [Drag & Drop Ranking Question](#) or [Ranking Grid Question](#)
- [Radio Button Grid Question](#)
- [Custom Script Action](#)

Setup

Start by building your Drag & Drop Ranking or Ranking Grid question.



1. Please rank the following shows from funniest to least funny:
Drag items from the left-hand list into the right-hand list to order them.

The Office	➔	
Parks and Recreation	➔	
The Big Bang Theory	➔	
Community	➔	
South Park	➔	
American Dad	➔	
Family Guy	➔	
Bob's Burgers	➔	

On a later page, build a Radio Button Grid question with the row headers from your Drag & Drop Ranking or Ranking Grid question as column headers and the ranking score – 1 through however many answer column headers you added – as row headers.

2. Change reporting format for Ranking Question

	The Office	Parks and Recreation	The Big Bang Theory	Community	South Park	American Dad	Family Guy	Bob's Burgers
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

On the same page but preceding the Radio Button Grid question, add a Custom Script action and paste the below code.

```

ranking_qID = 2 --question ID of the drag and drop/ranking grid
recode_qID = 3 --question ID of the radio button grid into which we are recoding, column reporting values should be exactly the same as ranking question row headers, row titles numeric sequential
next_pageID = 2 --ID of the next page to jump to so respondents do not see page with the radio button ngrid

source_options = getquestionoptions(ranking_qID, 'Reporting')
source_answers = getvalue(ranking_qID)

source_by_rankings = {}

for key,value in pairs (source_answers) do
  source_by_rankings[value] = source_options[key]
end

target_question = array_flip(gettablequestiontitles(recode_qID))
--row title => qid

for rank,option in pairs (source_by_rankings) do

rank = tonumber(rank)

setvalue(target_question[rank], option)

end

jumptopage(next_pageID)

```

Required Customizations

In the script above you will need to customize variables highlighted in yellow in order to make the

script work the way you'd like. *Not sure how to find these? Check out our [How to Find IDs Tutorial](#) to learn how!*

ranking_qID - The question ID of your original Drag & Drop Ranking or Ranking Grid question.

recode_qID - question ID of the radio button grid into which we are recoding, column reporting values should be exactly the same as ranking question row headers, row titles numeric sequential

next_pageID - The page ID for the next page to jump to so that respondents do not see the page with the Radio Button Grid.

Test and Run a Report and an Export

You'll need to manually record several test responses as Custom Script actions are not triggered by the test data generator.

Start by checking out your Individual Responses under **Results > Individual Responses**. Confirm that the data from your Ranking question and your Radio Button Grid Question corresponds.

Response #28 Customize

DATA DETAILS ACTION LOG DEBUG DATA QUALITY NEED HELP?

1. Please rank the following shows from funniest to least funny:

1. Parks and Recreation
2. The Big Bang Theory
3. Community
4. Family Guy
5. Bobs Burgers
6. American Dad
7. South Park
8. The Office

2. (untitled) Edit

Change format of reporting for Rating Question

	The Office	Parks and Recreation	The Big Bang Theory	Community	South Park	American Dad	Family Guy	Bobs Burgers
1		X						
2			X					
3				X				
4							X	
5								X
6						X		
7					X			

Next, run a Standard Report to confirm that your data is in the format you require.

2. Change format of reporting for Rating Question ✎ ✕

	The Office	Parks and Recreation	The Big Bang Theory	Community	South Park	American Dad	Family Guy	Bobs Burgers	Responses
1	0 0.0%	3 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3
2	1 33.3%	0 0.0%	1 33.3%	0 0.0%	0 0.0%	0 0.0%	1 33.3%	0 0.0%	3
3	0 0.0%	0 0.0%	0 0.0%	1 33.3%	0 0.0%	2 66.7%	0 0.0%	0 0.0%	3
4	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 33.3%	0 0.0%	1 33.3%	1 33.3%	3
5	0 0.0%	0 0.0%	0 0.0%	1 33.3%	0 0.0%	0 0.0%	1 33.3%	1 33.3%	3
6	0 0.0%	0 0.0%	1 33.3%	0 0.0%	1 33.3%	1 33.3%	0 0.0%	0 0.0%	3
7	0 0.0%	0 0.0%	1 33.3%	0 0.0%	1 33.3%	0 0.0%	0 0.0%	1 33.3%	3
8	2 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2

Customized Reporting Format

Finally, if you plan to use the raw data exports. You'll want to confirm that this data is also formatted the way that you need it to be.

Scripting and Other Custom Solutions

We're always happy to help you debug any documented script that is used as is. That said, we do not have the resources to write scripts on demand or to debug a customized script.

If you have customization ideas that you haven't figured out how to tackle, we're happy to be a sounding board for Alchemer features and functionality ideas that might meet your needs. Beyond this, check out our [Professional Services](#); these folks have the scripting chops to help you to achieve what you are looking for!

Related Articles