

Radio Button Grid: Allow One Answer Per Column

While we have a [Ranking Grid](#) question that automatically validates for a single answer per column there are some scenarios where you might wish to apply this type of validation to a [Radio Button Grid](#) question.

For example, in a Ranking Grid question the column headers are automatically created based on the number of rows (items to be ranked). So, if you have seven rows, the column headers will be automatically created as 1-7. Unfortunately, there is not a way to customize this in a Ranking Grid question.

Check it out in an [example survey!](#)

OR

[Add a survey](#) with this setup to your account!

This workaround uses the following features:

- [Radio Button Grid](#) Question Type
- [JavaScript](#) Action

Setup

Start by building out your Radio Button Grid question. Once you've added your question title, row and column headers head over to the **Layout** tab and scroll to the **CSS Class Name** field and enter the following class name: **onePerColumn**.

Next, add a JavaScript action to the same page and paste the below JavaScript and click **Save Action**.

```
//Relies on a CSS class name onePerColumn being applied to the table.

$(document).ready(function(){
  $(".onePerColumn :radio").change(function(){
    var col = $(this).attr("value");

    $(".onePerColumn :radio[value=" + col + "]:checked").not(this).each(function(){
      $(this).prop('checked',false);
    });

  });
});
```

Now, record a few test responses and make sure your validation works as it should!

When the question is set to **Required** and the number of rows is greater than the number of columns, it is necessary to set a minimum number of rows required to equal the number of columns or less. Otherwise, respondents are unable to select an option for every row and, thus, unable to proceed through the survey.

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