Skipping

One neat feature of XLSForm is the ability to skip a group of questions by combining the group feature with relevant syntax. If you want to skip a group of questions all at once, put the relevant attribute at the beginning of a group like follows:

| **type** | **name** | **label** | **relevant** |
| --- | --- | --- | --- |
| integer | age | How old are you? |  |
| begin group | child | Child | ${age} <= 5 |
| integer | muac | Record this child’s mid-upper arm circumference. |  |
| select\_one yes\_no | mrdt | Is the child’s rapid diagnostic test positive? |  |
| end group |  |  |  |
| **survey**choicessettings | | |  |

In this example, the two child group questions (**muac** and **mrdt**) will only appear if the child’s **age** from the first question is less than or equal to five.

Repeats

A user can repeat a group of questions by using the **begin repeat** and **end repeat** construct:

| **type** | **name** | **label** |
| --- | --- | --- |
| begin repeat | child\_repeat |  |
| text | name | Child’s name |
| decimal | birthweight | Child’s birthweight |
| select\_one male\_female | sex | Child’s sex |
| end repeat |  |  |
| **survey**choicessettings | | |

| **list name** | **name** | **label** |
| --- | --- | --- |
| male\_female | male | Male |
| male\_female | female | Female |
| survey**choices**settings | | |

In this example, the **name**, **birthweight**, and **sex** fields are grouped together in a repeat group, and the user can repeat this group as many times as required by selecting the option in the form to start another repeat.

The **label** column is optional for **begin repeat**. Assigning a label to a repeat group will add the label as a title to the block of repeat questions in the form.

The [Delivery Outcome](https://docs.google.com/spreadsheets/d/1_gCJml_FzJ4qiLU-yc67x1iu_GL-hfU3H8-HvINsIoE/edit?usp=sharing) XLSForm illustrates another repeat group example.

Instead of allowing an infinite number of repeats, the user can specify an exact number of repeats by using the **repeat\_count** column:

| **type** | **name** | **label** | **repeat\_count** |
| --- | --- | --- | --- |
| begin repeat | child\_repeat |  | 3 |
| text | name | Child’s name |  |
| decimal | birthweight | Child’s birthweight |  |
| select\_one male\_female | sex | Child’s sex |  |
| end repeat |  |  |  |
| **survey**choicessettings | | |  |

| **list name** | **name** | **label** |
| --- | --- | --- |
| male\_female | male | Male |
| male\_female | female | Female |
| survey**choices**settings | | |

In the above example, the repeat group is restricted to **3** repeats.

Some platforms also support dynamic repeat counts. In the example below, the number that the user inputs for the **num\_hh\_members** field dictates the number of times the **hh\_member** group repeats:

| **type** | **name** | **label** | **repeat\_count** |
| --- | --- | --- | --- |
| integer | num\_hh\_members | Number of household members? |  |
| begin repeat | hh\_member |  | ${num\_hh\_members} |
| text | name | Name |  |
| integer | age | Age |  |
| select\_one male\_female | gender | Gender |  |
| end repeat |  |  |  |
| **survey**choicessettings | | |  |

| **list name** | **name** | **label** |
| --- | --- | --- |
| male\_female | male | Male |
| male\_female | female | Female |
| survey**choices**settings | | |