**Selective Editing User Notes**

Once the selective editing method is available on your computer you will be able to call the method and perform selective editing on a dataset. The basic selective editing method is:

Text, letter

Description automatically generated

Below is a snapshot of an example dataset and how the input data should look like:

Table, Excel

Description automatically generated

Here we have 10 respondents with all the columns needed to perform the selective editing method:

* reference: Unique to each respondent
* design\_weight: Also known as the a-weight
* threshold: This is the selective editing threshold. This is unique for each domain and are specified by Methodology.
* question\_1\_ar: This is the adjusted return for question 1. The adjusted return has usually been through other editing strategies before Selective Editing.
* question\_1\_pv: This is the predicted value for question 1, usually the respondent’s value from the previous period.
* question\_1\_apv: This is the auxiliary predicted variable used in case there is not a previous period value available.
* question\_1\_sf: This is the standardising factor which is the weighted domain estimate for the previous period.
* question\_1\_wt: This column is a weight column which is used in case the weighted option is used in the combination method.

We can then run the method as shown below ensuring that we are calling the right columns from the dataframe:

A screenshot of a computer

Description automatically generated with medium confidence

The output gets exported as a csv file and will give you the scores and what values were used, whether it is the previous period value or the auxiliary value.

Table

Description automatically generated with medium confidence

New columns are produced from running the method and are described below:

* question\_1\_s: This is the score for question 1
* question\_1\_pm: This is a predicted marker. This will indicate whether you are using the predicted value (True) or using the auxiliary value (False).
* Final\_score: the score after the combination method has been considered and is the value that is compared to the threshold.
* Selective\_edting\_marker: This will show whether the respondent has passed Selective Editing (True) or failed Selective Editing (False).

References 49900001 and 49900004 do not have predicted values available for the score calculation and therefore uses the auxiliary value, we can see in the sheet that it’s blank but also question\_1\_pm is False which shows that the auxiliary is used. The rest of the respondents have the predicted value available, question\_1\_pm is True.