

VoxcoTab Release 2.10

1. Weighting.

The user is provided a new result in the *log* file : **efficiency**.

$$\text{Efficiency} = 100 * (\sum \text{weight})^2 / n \sum \text{weight}^2$$

```

W7-cereales1.log - Bloc-notes
Fichier  Edition  Format  Affichage  ?

weighting Factor      24/10/2014 13:19:00
weight: P Quantity "WEIGHT"
NBQ: 25
Min encountered weight: 2.77778
Max encountered weight: 2.77778
Min weight: 0.00000
Maxweight: 99999999.00000
Null is NA: 16
Max iterations: 300
Iterations done: 300
ID size: 4
weight size: 14
Efficiency: 100.00
SEX single sex
-----
Male                Requested      Initial      weighted
Female              45.00000      36.00000     100.00000
NA                  55.00000      64.00000      0.00000
                    0.00000      0.00000      0.00000
-----
AGER7 single Age of respondent
-----
                    Requested      Initial      weighted
1 - 4 years old    0.00000      0.00000      0.00000
5 - 7 years old    0.00000      0.00000      0.00000
8 - 12 years old   0.00000      0.00000      0.00000
13 - 17 years old  0.00000      64.00000     0.00000
18 - 24 years old  15.00000     0.00000      0.00000
25 - 34 years old  20.00000     0.00000      0.00000
35 - 44 years old  20.00000     0.00000      0.00000
45 - 54 years old  20.00000     0.00000      0.00000
55 - 64 years old  15.00000     36.00000     100.00000
65 and over       10.00000     0.00000      0.00000
NO ANSWER         0.00000     0.00000      0.00000
NA                0.00000     0.00000      0.00000

```

2. Arithmetical operations.

When the resulting variable was of Quantity type, and when one of the operands had a MISSING value, then the result could be an extravagant value, such as -2100000000, instead a MISSING value.