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DWEIGHT

Dweight for data of ESS round 7 for Russia is constructed as probability selection weight.

This weight corrects the fact that respondents have different probabilities of being selected in the sample. It takes into account the following elements: a respondent interviewed within a household, the selection of a household within a PSU, the selection of a PSU from all the PSUs in a strata.

Construction of the weight: this weight is equivalent to the reciprocal of probability of selection for each respondent in the sample.

$$\frac{1 * coeff}{prob1 * prob2 * prob3 * prob4}$$

where

prob1= probability of a PSU being selected within strata

prob2= probability of a SSU being selected within PSU

prob3= probability of a household being selected within SSU

prob4= probability of an individual respondent being selected among all eligible household members.