(KIT) Living Income Tools —— Inputation of values, optionally by group.

Syntax

KITLI_inputations *varlist* [*if*] [*in*], options

optional	Description
Grouping	
grouping_var(*varname***)**	grouping variable
Processing	
generate(*prefix***)**	generate new variables for each variable in *varlist* using *prefix*
replace	replace variables in *varlist*

* *Either* **generate(***prefix***)** *or* **replace** *is required.*

Description

KITLI_inputations replaces missing values by the median of the subset, optionally within group. The purpose is to fill in gaps in the data to maximize usability of data.

Options

Grouping

grouping_var(*varname***)** grouping variable. If specified, inputation will be done within group.

Processing

Either **generate()** or **replace** must be specified.

generate(*prefix***)** generates new variables for each variable in *varlist* using *prefix*. If generate is set, a complete copy of the variable will be create for the full dataset and the inputation will be applied to the subset defined. Fo e, variable *prefix_var* will be created as a copy of *var* and then inputation will be processed. **Please make sure the prefix is valid and not an existing name.**

replace replaces the content of variables in *varlist*

Examples

Setup

. **use LI_example_data.dta, replace**

Inputations, by group, generating new variables

. **KITLI_inputations gfertilizer_total_cost_usdha lfertilizer_total_cost_usdha herbicide_total_cost_usdha pesticide_total_cost_usdha fungicide_total_cost_usdha, grouping_var(grouping) generate(li_)**

Inputations for a subset, by group

. **KITLI_inputations li_gfertilizer_total_cost_usdha if gfertilizer_yn == 1, grouping_var(grouping) generate(li_)**

Citation

KITLI_inputations is not an official Stata command. It is a free contribution to the research
community, like a paper. Please cite it as such:

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COSA. Available at: m.tyszler@kit.nl

If you have requests or suggestions, please do so at our repository:
https://bitbucket.org/kitimpactteam/living-income-calculations/

Authors

Marcelo Tyszler *(Package maintainer)* . Sustainable Economic Development and Gender, KIT Royal
Tropical Institute, Netherlands. m.tyszler@kit.nl

Carlos de los Rios. COSA. cd@thecosa.org

References

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