

collect style autolevels — Collection styles for automatic dimension levels

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Description

`collect style autolevels` specifies the levels of a dimension that will be automatically displayed when the dimension is included in a table.

Quick start

Display levels `lev1`, `lev2`, and `lev3` automatically when dimension `dim1` is included in the table

```
collect style autolevels dim1 lev1 lev2 lev3
```

Display coefficients `_r_b` and standard errors `_r_se` automatically when dimension `result` is included in the table after collecting results from a regression model

```
collect style autolevels result _r_b _r_se
```

Display means `mu_1` and `mu_2` and p -value `p` automatically when dimension `result` is included in the table, and clear previous automatic results

```
collect style autolevels result mu_1 mu_2 p, clear
```

Clear automatic levels for dimension `result`

```
collect style autolevels result, clear
```

Menu

Statistics > Summaries, tables, and tests > Tables and collections > Build and style table

Syntax

```
collect style autolevels dim [levels] [, name(cname) clear]
```

where `cname` is a collection name, `dim` is a dimension in the specified collection, and `levels` specifies one or more levels of this dimension.

Options

`name(cname)` specifies a collection `cname` to which the style is applied. By default, the style is applied to the current collection.

`clear` removes existing `collect style autolevels` properties.

Remarks and examples

collect style autolevels determines the levels of a dimension to be included in a table when no levels are specified in `collect layout` and when no automatic levels were specified using `collect get` or the `collect` prefix at the time results were collected.

When results are collected using `collect get` or the `collect prefix`, no automatic levels are applied to the dimensions in the collection by default.

When you use the `table` command to create a table, its results are automatically stored in a collection. When the `command()` option is specified with `table`, it will run another Stata command and include the results in the table. If the specified command is an r-class command, all scalars stored in `r()` are set as automatic levels. If the specified command is an estimation (e-class) command, the reported coefficients (`_r_b`) are set as automatic levels.

As an example, we consider results collected from `regress`. At the time we collect results, we can specify automatic levels for the `result` dimension. For instance, we could type

```
. collect _r_b _r_ci: regress y x1 x2
```

or

```
. regress y x1 x2
. collect get _r_b _r_ci
```

to specify that the reported coefficients and confidence intervals should be reported in the table.

However, we may instead collect results without specifying automatic levels. We might type

```
. collect: regress y x1 x2
```

or

```
. regress y x1 x2
. collect get e()
```

Now, there are no automatic levels for the `result` dimension. Therefore, if we include this dimension in a table layout by typing, for instance,

```
. collect layout (colname) (result)
```

all levels of `result` with values that can be identified by the `colname` and `result` dimensions will be included in the table. If we want only the coefficients and confidence intervals in our tables, we can specify this with `collect layout`.

```
. collect layout (colname) (result[_r_b _r_ci])
```

This is convenient enough if we are building a single table. However, if we plan to build multiple tables from this collection and we want to display coefficients and confidence intervals in each one, we could instead type

```
. collect style autolevels result _r_b _r_ci
```

to specify the automatic levels to be included for this dimension.

Now, we can simply type

```
. collect layout (colname) (result)
```

to create the desired table.

Moreover, if we create many similar tables even with different collections of results, we can use `collect style save` to save a file with this autolevels style along with any others we prefer. Then, with future collections, we can use `collect style use` to apply this style to future collections and tables.

Stored results

collect style autolevels stores the following in `s()`:

Macros

<code>s(collection)</code>	name of collection
<code>s(dimname)</code>	specified dimension
<code>s(levels)</code>	specified dimension levels

Also see

[TABLES] [collect get](#) — Collect results from a Stata command

[TABLES] [collect layout](#) — Specify table layout for the current collection

[TABLES] [collect style save](#) — Save collection styles to disk

[TABLES] [collect style use](#) — Use collection styles from disk