

**collect style notes** — Collection styles for table notes

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## Description

`collect style notes` specifies appearance styles for table notes in the collection. This includes bolding, italics, font, text color, and shading. Certain appearance edits can be rendered only on certain export formats.

## Quick start

Make the table notes italic

```
collect style notes, font(, italic)
```

When exporting the table to a L<sup>A</sup>T<sub>E</sub>X file, use the L<sup>A</sup>T<sub>E</sub>X macro `textbf` to render the notes

```
collect style notes, latex(textbf)
```

Clear the table notes styles

```
collect style notes, clear
```

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## Syntax

```
collect style notes [ , options ]
```

<i>options</i>	Description
Main	
<code>name(<i>cname</i>)</code>	apply appearance styles to collection <i>cname</i>
<code>clear</code>	remove table note styles
Fonts	
<code>font([<i>fontfamily</i>] [ , <i>font_opts</i> ])</code>	set font style for table notes
<code>smcl(<i>smcl</i>)</code>	specify formatting for SMCL files
<code>latex(<i>latex</i>)</code>	specify L <sup>A</sup> T <sub>E</sub> X macro
Shading	
<code>shading(<i>sspec</i>)</code>	set background color, foreground color, and fill pattern for notes

<i>font_opts</i>	Description
<code>size(# [<i>unit</i>])</code>	specify font size
<code>color(<i>color</i>)</code>	specify font color
<code>variant(<i>variant</i>)</code>	specify font variant and capitalization
<code>[no]bold</code>	specify whether to format notes as bold
<code>[no]italic</code>	specify whether to format notes as italic
<code>[no]strikeout</code>	specify whether to strike out notes
<code>[no]underline</code>	specify whether to underline notes

*fontfamily* specifies a font family.

*sspec* is

```
[background(bgcolor) foreground(fgcolor) pattern(fpattern) ]
```

*bgcolor* specifies the background color.

*fgcolor* specifies the foreground color.

*fpattern* specifies the fill pattern. A complete list of fill patterns is shown in [Shading patterns](#) of [TABLES] [Appendix](#).

*bgcolor*, *fgcolor*, and *color* may be one of the colors listed in [Colors](#) of [TABLES] [Appendix](#); a valid RGB value in the form `### ## #`, for example, 171 248 103; or a valid RRGGBB hex value in the form `#####`, for example, ABF867.

*unit* may be `in` (inch), `pt` (point), or `cm` (centimeter). An inch is equivalent to 72 points and 2.54 centimeters. The default is `pt`.

## Options

### Main

`name(cname)` specifies the collection to which note appearance styles are to be applied. By default, the table note styles are applied to the current collection.

`clear` removes existing table note style properties.

### Fonts

`font([fontfamily] [, size(# [unit]) color(color) variant(variant) [no]bold [no]italic [no]strikeout [no]underline)` specifies the font style for the table notes.

These font style properties are applicable when publishing items from a collection to Microsoft Word, Microsoft Excel, PDF, HTML, and L<sup>A</sup>T<sub>E</sub>X files.

*fontfamily* specifies a font family.

*size*(# [*unit*]) specifies the font size as a number optionally followed by units. If # is specified without the optional *unit*, points is assumed.

*color*(*color*) specifies the font color.

*variant*(*variant*) specifies the font variant and capitalization. *variant* may be `allcaps`, `smallcaps`, or `normal`. `variant(allcaps)` changes the text to all uppercase letters. `variant(smallcaps)` changes the text to use large capitals for uppercase letters and smaller capitals for lowercase letters. `variant(normal)` changes the font variant back to normal; capitalization is unchanged from the original text.

This style property is applicable only when publishing to HTML and L<sup>A</sup>T<sub>E</sub>X files.

`bold` and `nobold` specify the font weight. `bold` changes the font weight to bold; `nobold` changes the font weight back to normal.

`italic` and `noitalic` specify the font style. `italic` changes the font style to italic; `noitalic` changes the font style back to normal.

`strikeout` and `nostrikeout` specify whether to add a strikeout mark to the notes. `strikeout` adds a strikeout mark to the notes; `nostrikeout` changes the notes back to normal.

Only one of `strikeout` or `underline` is allowed when publishing to HTML files.

`underline` and `nounderline` specify whether to underline the notes. `underline` adds a single line under each note; `nounderline` removes the underline.

Only one of `strikeout` or `underline` is allowed when publishing to HTML files.

`smcl`(*smcl*) specifies how to render notes for SMCL output. The supported SMCL directives are `input`, `error`, `result`, and `text`.

This style property is applicable only when publishing to a SMCL file.

`latex`(*latex*) specifies the name of a L<sup>A</sup>T<sub>E</sub>X macro to render notes for L<sup>A</sup>T<sub>E</sub>X output. This style property is applicable only when publishing to a L<sup>A</sup>T<sub>E</sub>X file.

Example L<sup>A</sup>T<sub>E</sub>X macro names are `textbf`, `textsf`, `textrm`, and `texttt`. Custom L<sup>A</sup>T<sub>E</sub>X macros are also allowed. If *note* is the table note, then *latex* is translated to the following when exporting to L<sup>A</sup>T<sub>E</sub>X:

```
\latex {note}
```

## Shading

`shading([background(bgcolor) foreground(fgcolor) pattern(fpattern)])` sets the background color, foreground color, and fill pattern for notes.

These shading style properties are applicable when publishing to Microsoft Excel, Microsoft Word, PDF, and HTML.

## Remarks and examples

[stata.com](http://www.stata.com)

`collect style notes` allows you to customize the appearance of the notes added with `collect notes` and `collect stars`. For example, if you export your table to a Microsoft Excel, a Microsoft Word, a PDF, an HTML, or a L<sup>A</sup>T<sub>E</sub>X file, you can customize the font for the notes. Additionally, you can use SMCL directives and L<sup>A</sup>T<sub>E</sub>X macros to specify how to render your table notes.

To list the current appearance styles for table notes, you can use `collect query notes`.

## ▶ Example 1: Customizing the font for the table note

Suppose that we want to export a table of regression results to an HTML file. Below, we load data from the Second National Health and Nutrition Examination Survey (NHANES II) (McDowell et al. 1981). We fit a model for systolic blood pressure as a function of age group and include a note with the data source:

```
. use https://www.stata-press.com/data/r18/nhanes21
(Second National Health and Nutrition Examination Survey)
. quietly: collect _r_b: regress bpsystol i.agegrp
. collect notes "Data source: NHANES II"
```

Then, we lay out our table with `collect layout`:

```
. collect layout (colname) (result)
Collection: default
  Rows: colname
  Columns: result
Table 1: 7 x 1
```

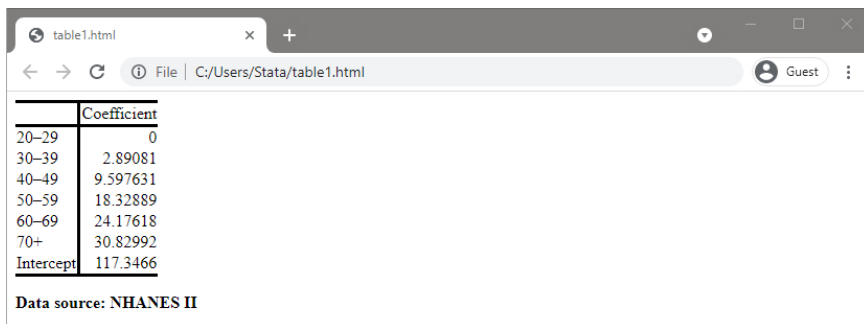
	Coefficient
20-29	0
30-39	2.89081
40-49	9.597631
50-59	18.32889
60-69	24.17618
70+	30.82992
Intercept	117.3466

Data source: NHANES II

Here we see that our note is added in plain text. We wish to make our note bold, so we use the `font(, bold)` option and then export our table to a file called `table1.html`.

```
. collect style notes, font(, bold)
. collect export table1.html
(collection default exported to file table1.html)
```

When we open the file, we see the following:



The screenshot shows a web browser window with the address bar displaying 'C:/Users/Stata/table1.html'. The main content area contains a table with the following data:

	<b>Coefficient</b>
20–29	0
30–39	2.89081
40–49	9.597631
50–59	18.32889
60–69	24.17618
70+	30.82992
<b>Intercept</b>	<b>117.3466</b>

Below the table, the text 'Data source: NHANES II' is displayed.

If we had included a note with `collect stars`, that note would have been displayed with a bold font as well.



## Stored results

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

```
Macros
    s(collection)  name of collection
```

## Reference

McDowell, A., A. Engel, J. T. Massey, and K. Maurer. 1981. Plan and operation of the Second National Health and Nutrition Examination Survey, 1976–1980. *Vital and Health Statistics* 1(15): 1–144.

## Also see

- [TABLES] [collect notes](#) — Add table notes in a collection
- [TABLES] [collect query](#) — Query collection style properties
- [TABLES] [collect stars](#) — Add stars for significant results in a collection
- [TABLES] [collect title](#) — Add a custom table title in a collection