

# Inference How-To

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## *Header and Footer Output in R*

### Overview

Inference can print Expression output to the header and footer regions of Microsoft Word documents.

To print output to headers and footers:

1. Create an Expression that returns a value.
2. Enter a Label for the Expression – for example, **MyExpression**.
3. In a header or footer, type the Label of the Expression (enclosed in greater than/less than brackets). Example: **<MyExpression>**.

When the document is executed, the bracketed Expression label placeholders will be replaced with the actual code output from the Expression.

#### TIPS:

- You can use the **Output Result** property of the Expression to specify whether the Expression gets evaluated in the Word canvas during document execution. This restricts the expression output to only the header or footer.
- You can use the Alias Code Text property of the Expression to specify whether the code, or the label, is shown in the Word canvas for an Expression. This makes the Word canvas easier to read.
- If your document includes a Data Frame, you can use an Expression to access its attributes. For example, if your DataFrame includes a title or version number, you can include that in the header/footer of your results document.
- Header/footer output will also be included in pdf results documents.
- This same functionality also works in **Excel**.

### Examples

Here's a sample expression that we'll use in the header: **Sample Header**.

Likewise, here's a sample expression that we'll use in the footer:

Note that the Output Result property for this expression is set to **No**, so it won't print out here when the document is executed -- it will only appear in the footer.

Execute this document to try it out!