

Title of the manuscript

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Abstract: Abstract text

Keywords: Keyword1; Keyword2; Keyword3.

1 Section 1

Text for the first section. This section will have two subsections.

The hat matrix is defined as

$$H = X(X^T X)^{-1} X^T$$

Please note we use \cdot^T to mean transposed matrices and vectors.

1.1 Section 1.1

Text for the first subsection within section 1. (Do you really need subsections ?)

1.2 Section 1.2

Text for the second subsection within section 1.

2 Section 2

Text for the second section. This section will have no subsections.

We refer to Table 1 for a summary of our main results. Have a look to Table 2 for an additional example.

Finally a figure (in .pdf!)

We refer to Figure 1 for a graphical representation.

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TABLE 1. Caption text **ABOVE** the table.

Title col1	Title col2	Title col3
row1 col1	row1 col2	row1 col3
row2 col1	row2 col2	row2 col3
row3 col1	row3 col2	row3 col3

TABLE 2. Caption text **ABOVE** the table.

Title for cols 2 -3		
Title1	Title2	Title3
	<i>a</i>	<i>c</i>
	<i>b</i>	<i>d</i>
Total	<i>a + b</i>	<i>n</i>



FIGURE 1. Caption text **BELOW** the figure.

Acknowledgments: Special Thanks to ...

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