

```

/*
cd "C:/Users/au24026/Documents/STATA/Presentations/literate_programming
Oslo"
capture log close toWord
log using toWord.log, text replace name(toWord)
/***/do toWord.do
log close toWord
log2markup using toWord.log, replace extension(md)
shell pandoc -s toWord.md -o toWord.docx & timeout 30
shell toWord.docx
rm toWord.log
rm toWord.md
rm scatter.png
*/
/***/
---
title: |
  Markdown and Stata example
date: |
  Niels Henrik Bruun,
  Section for General Practice,
  Dept. Of Public Health,
  Aarhus University
...

# Headers

## Header 2

### Header 3

#### Header 4

##### Header 5

##### Header 6

# Text and bullits

Text text text ....

Bullits:

* Bullit 1

  - sub bullit 1
  - sub bullit 2

* Bullit 2

  1. point 1
  2. point 2

```

Formulas

Inline math $c^2 = a^2 + b^2$ are possible

A formula on a line itself:

$f(x) = \frac{a \cdot x^2 - b \cdot x}{e^x}$

Footnotes

Here is a footnote reference, ^[1] and another. ^[longnote]

^[1]: Here is the footnote.

^[longnote]: Here's one with multiple blocks.

Subsequent paragraphs are indented to show that they belong to the previous footnote.

{ some.code }

The whole paragraph can be indented, or just the first line. In this way, multi-paragraph footnotes work like multi-paragraph list items.

This paragraph won't be part of the note, because it isn't indented.

Adding code or and output

Import data and show a summary using sumat:

```
***/  
/**/sysuse auto, clear  
/****/sumat price mpg make, statistics(n, missing, unique) rowby(foreign)  
decimals(0) style(md)  
/****
```

Using metadata

```
***/  
/****/metadata *, style(md)  
/****
```

Regression coefficients estimates and graphs

Do a regression and show CI for regression coefficients:

```
***/  
/**/regress price mpg weight  
/**/matrix ci = r(table)'  
/**/matrix ci = ci["mpg".."weight", "b"], ci["mpg".."weight", "ll".."ul"]  
/****
```

Printing the ci matrix:

```
***/  
/****/matprint ci, decimals(3) style(md) title(Regression CIs)  
/****
```

Add a plot (Note some code is deliberately hidden in pandoc output)

```
***/  
scatter price mpg, name(scatter, replace)  
//OFF  
graph export scatter.png, replace height(600) width(800)  
graph drop scatter  
//ON  
/***  
![Scatterplot caption](scatter.png)  
  
[Insert hyperlink](http://www.bruunisejs.dk/StataHacks/)  
***/
```