

**SUPER LONG AND CRYPTIC TITLE EXPLAINING WHY YOU HAVE HAD  
NO LIFE FOR THE PAST  $N$ -YEARS**

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by **I. M. D. Author**

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6. Sixth Examiner

## **Abstract**

This is the abstract. It's probably the only part people will actually read.

## **Acknowledgements**

This is where your acknowledgements go, it's important to be nice. Notice that this can be defined outside the master file, and included back in. The same thing can be done with the abstract, dedication, preface, and abbreviation front matter if you prefer to keep them separate as well.

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# 1 Background Chapter

This is chapter 1, which cites Chalmers (2012).

## 1.1 A section

Some text in a section new text.

### 1.1.1 A subsection

Some test in a subsection (probably as low as you need to go).

Equation example:

$$P(1|\theta, \phi) = \frac{1}{1 + \exp[-1.702 \cdot (\alpha_1 \theta_1 + \alpha_2 \theta_2 + \beta)]} \quad (1.1)$$

As can be seen in (1.1)...blah blah blah.

## 1.2 Section With R Code

It is also possible to include R code directly by using the knitr module, and switching to LyX's ERT mode ("Evil Red Text" for raw  $\text{\LaTeX}$  code). For example:

```
x <- rnorm(100)

head(x)

## [1]  1.0343 -1.5046  0.8375  2.0760  1.2054  0.5402

hist(x)
```

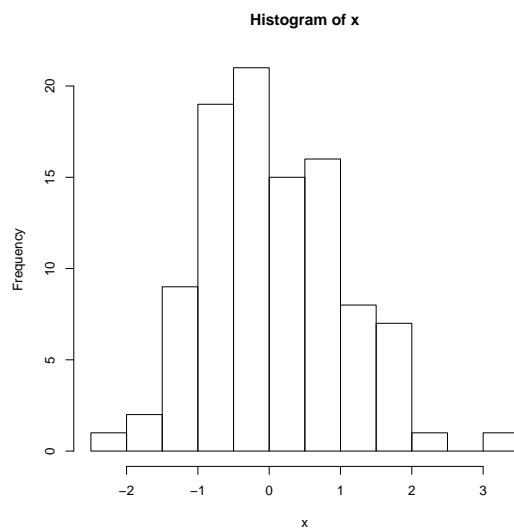


Figure 1.1: My histogram



## 2 New Material Chapter

This is chapter 2, which also references Equation 1.1. References carry across documents because the master file (*york-thesis.lyx*) has two children: *chapter-1.lyx* and *chapter-2.lyx*.

Include figures and tables by placing them in “floating environments”. So for a figure, use **Insert -> Float -> Figure**, and then inside the generated box point to your external figure files with **Insert -> Graphics**. Labels are added with **Insert -> Label** and are references with **Insert -> Cross-Reference**.



Figure 2.1: My figure title

Figure 2.1 is an image of York University's logo. Same thing is done for tables; use `Insert -> Float -> Table`, and then inside the generated box point to your external figure files with `Insert -> Table`.

a	b	c
1	2	3
4	5	6

Table 2.1: My table

## **Bibliography**

Chalmers, R. P. (2012). York thesis in LyX. *Journal of Awesome*, 1, 1–1.