

**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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## **Abstract**

This is the abstract in that must be in  $\text{\LaTeX}$  rather than  $\text{LyX}$  along with all other front-matter files.

## **Acknowledgements**

Some acknowledgements. It's important to be nice sometimes.

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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] -0.46214 -0.08316  0.81548  0.60411  0.42249 -0.30514

hist(x)
```

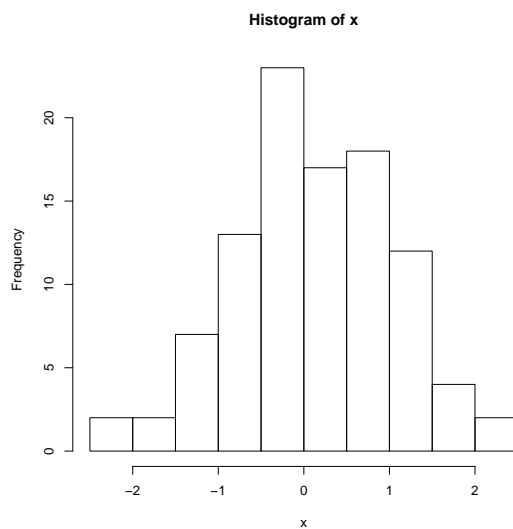


Figure 1.1: My histogram



## 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.