

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

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6. Sixth Examiner

# **Abstract**

This is the abstract in that must be in  $\text{\LaTeX}$  rather than  $\text{LyX}$

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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, chunk options are:

```
x <- rnorm(100)

head(x)

## [1] -0.530231387 -0.487137299 -0.512212483 -0.006705684  0.528878233
## [6]  1.184092621

hist(x)
```

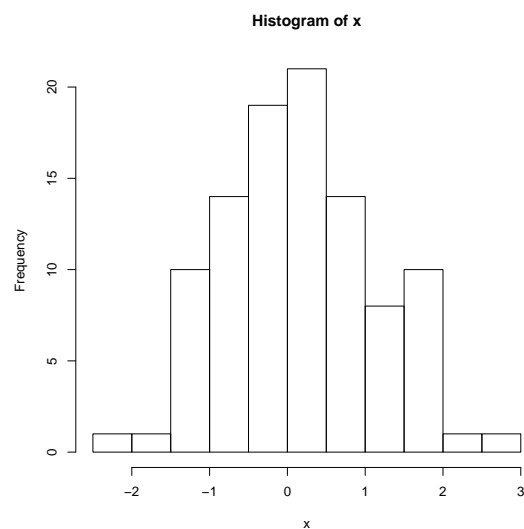


Figure 1.1: My histogram

## **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*.



## **Bibliography**

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