

# Title of Dissertation or Thesis

**J. Q. Smith**



**[orcid.org/1234-5678-9012-WXYZ](https://orcid.org/1234-5678-9012-WXYZ)**

Thesis submitted for the degree *Magister Scientiae* in Mathematics at the  
North-West University

Supervisor: Prof. I. M. A. Person

Co-supervisor: Prof. A. Guy

Graduation: July, 2021

Student number: 12345678

# Acknowledgements

I would like to thank the everyone for helping me. You're all great!

# Abstract

This is the abstract. It is a summary of all the work.

*Keywords:* Keyword 1; Keyword 2; Keyword 3.

# Contents

# List of Figures

# List of Tables

# Table of abbreviations

A table containing a list of abbreviations that will be used throughout text.

<b>SCUBA</b>	Self-contained underwater breathing apparatus
<b>RADAR</b>	Radio detection and ranging
<b>LASER</b>	Light amplification by stimulated emission of radiation

# Chapter 1

## My Introduction Chapter

The quick brown fox jumps over the lazy dog (?) (use `\citep{}` to cite like this).

In ?'s (?) discussion, foxes and dogs seem to enjoy jumping and lazing about, respectively (use `\cites{}` to cite like this).

However, according to ?, we find that the lazy fox does not jump over the quick brown dog (use `\citet{}` to cite like this).

Table 1.1: This is the first table.

Variable 1	Variable 2	Variable 3
39	12	11
38	22	12
37	32	13
36	42	14
35	52	15
34	62	16



Figure 1.1: The first figure. The old university logo and colours.



Figure 1.2: The second figure. The new university logo and colours.



## 1.1 The first section

The quick brown fox jumps over the lazy dog (?). The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. ? stated that ‘*The quick brown fox jumps over the lazy dog*’.

## 1.2 The second section

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

### 1.2.1 Example of a sub-section

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

#### Example of a sub-sub-section

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

**Example of a paragraph** The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

The above sentence is a pangram, i.e., it is a sentence that contains all of the letters of the alphabet. Other pangrams include:

- Mr. Jock, TV quiz PhD., bags few lynx.
- GQ’s oft lucky whiz Dr. J, ex-NBA MVP.
- Waltz, nymph, for quick jigs vex Bud.
- Sphinx of black quartz, judge my vow.
- Pack my box with five dozen liquor jugs.
- Glib jocks quiz nymph to vex dwarf.

- Jackdaws love my big sphinx of quartz.
- The five boxing wizards jump quickly.
- How vexingly quick daft zebras jump!
- Quick zephyrs blow, vexing daft Jim.
- Two driven jocks help fax my big quiz.
- The jay, pig, fox, zebra and my wolves quack!
- Sympathizing would fix Quaker objectives.
- A wizard's job is to vex chumps quickly in fog.
- Watch "Jeopardy!", Alex Trebek's fun TV quiz game.
- By Jove, my quick study of lexicography won a prize!
- Waxy and quivering, jocks fumble the pizza.

Extracted from

[examples.yourdictionary.com/reference/examples/examples-of-pangrams.html](https://examples.yourdictionary.com/reference/examples/examples-of-pangrams.html)  
on 2020-01-31.

## Chapter 2

# Second Chapter

### 2.1 Heading

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

Table 2.1: This is the second table.

Variable 1	Variable 2
9	1
8	2
7	3

## Chapter 3

# Concluding Chapter

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

# Bibliography

- Kailani, S., Newton, R., and Pedersen, S. (2019). Game-based learning and problem-solving skills: A systematic review of the literature. *EdMedia + Innovate Learning*, pages 1127–1137.
- Murray, J. B. Review of research on the myers-briggs type indicator. *Perceptual and Motor skills*, 70.
- Sipps, G. J., Alexander, R. A., and Friedt, L. (1985). Item analysis of the myers-briggs type indicator. *Educational and Psychological Measurement*, 45(4):789–796.

# Appendix A

## An Appendix Chapter

This is an appendix chapter.

$$\int_0^1 x^2 dx = \frac{1}{3}$$