

Thesis Title



Your Name Here

Supervised by

Supervisor 1
Supervisor 2

A thesis submitted in accordance with the requirements for award of the
degree of Doctor of Philosophy in Advanced Quantitative Methods.

Month, 2020.

Faculty of Social Sciences and Law
School of Geographical Sciences

Abstract

Thesis abstract here.

Acknowledgements

Your acknowledgement here.

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Abbreviations

CD Competing Destination.

NHS National Health Service.

SIM Spatial Interaction Model.

Chapter 1

Introduction

Introduction chapter, giving an overview of Spatial Interaction Model (SIM), Competing Destination (CD) and National Health Service (NHS).

1.1 Section 1

1.2 Section 2

1.3 Section 3

Chapter 2

Literature Review

Literature review chapter.

Contents

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2.1 Section 1

How to write a thesis (see ?).

2.2 Section 2

2.3 Section 3

Chapter 3

Methodology

Methodology chapter.

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3.1 Section 1

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Main Chapter

Main chapter. This can be duplicated several times.

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4.1 Figures

Example figure (see Figure 6.1).

4.1.1 Single figure



Figure 4.1: Bristol Logo.

4.1.2 Figures with sub captions



(a) Caption A.



(b) Caption B.

Figure 4.2: Bristol Logo.

4.1.3 Figures side by side



Figure 4.3: Caption C.



Figure 4.4: Caption D.

4.2 Tables

Example table (see Table 6.1).

Table 4.1: Table caption.

Col 1	Col 2	Col 3
A	1	5
B	2	6
C	3	7
D	4	8

4.3 Lists

4.3.1 Numbered list

Enumeration

1. First item.
2. Second item.
3. Third item.

Research questions

RQ1. First research question?

RQ2. Second research question?

RQ3. Third research question?

Hypothesis

H1. First hypothesis.

H2. Second hypothesis.

H3. Third hypothesis.

4.3.2 Itemised list

- First item.
- Second item.
- Third item.

4.4 Equations

$$CR = \frac{(\sum_{i=1}^n \lambda_i)^2}{(\sum_{i=1}^n \lambda_i)^2 + (\sum_{i=1}^n \delta_i)} \quad (4.1)$$

$$AVE = \frac{\sum_{i=1}^n \lambda_i^2}{n} \quad (4.2)$$

$$CA = \frac{n}{n-1} \left(1 - \frac{\sum_{i=1}^n V_i}{V_t}\right) \quad (4.3)$$

Chapter 5

Main Chapter

Main chapter. This can be duplicated several times.

Contents

5.1	Figures	15
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5.1 Figures

Example figure (see Figure 6.1).

5.1.1 Single figure



Figure 5.1: Bristol Logo.

5.1.2 Figures with sub captions



Figure 5.2: Bristol Logo.

5.1.3 Figures side by side



Figure 5.3: Caption C.

Figure 5.4: Caption D.

5.2 Tables

Example table (see Table 6.1).

Table 5.1: Table caption.

Col 1	Col 2	Col 3
A	1	5
B	2	6
C	3	7
D	4	8

5.3 Lists

5.3.1 Numbered list

Enumeration

1. First item.
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3. Third item.

Research questions

RQ1. First research question?

RQ2. Second research question?

RQ3. Third research question?

Hypothesis

H1. First hypothesis.

H2. Second hypothesis.

H3. Third hypothesis.

5.3.2 Itemised list

- First item.
- Second item.
- Third item.

5.4 Equations

$$CR = \frac{(\sum_{i=1}^n \lambda_i)^2}{(\sum_{i=1}^n \lambda_i)^2 + (\sum_{i=1}^n \delta_i)} \quad (5.1)$$

$$AVE = \frac{\sum_{i=1}^n \lambda_i^2}{n} \quad (5.2)$$

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Chapter 6

Main Chapter

Main chapter. This can be duplicated several times.

Contents

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6.1.1	Single figure	20
6.1.2	Figures with sub captions	20
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6.2	Tables	20
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6.1 Figures

Example figure (see Figure 6.1).

6.1.1 Single figure



Figure 6.1: Bristol Logo.

6.1.2 Figures with sub captions



(a) Caption A.



(b) Caption B.

Figure 6.2: Bristol Logo.

6.1.3 Figures side by side



Figure 6.3: Caption C.



Figure 6.4: Caption D.

6.2 Tables

Example table (see Table 6.1).

Table 6.1: Table caption.

Col 1	Col 2	Col 3
A	1	5
B	2	6
C	3	7
D	4	8

6.3 Lists

6.3.1 Numbered list

Enumeration

1. First item.
2. Second item.
3. Third item.

Research questions

RQ1. First research question?

RQ2. Second research question?

RQ3. Third research question?

Hypothesis

H1. First hypothesis.

H2. Second hypothesis.

H3. Third hypothesis.

6.3.2 Itemised list

- First item.
- Second item.
- Third item.

6.4 Equations

$$CR = \frac{(\sum_{i=1}^n \lambda_i)^2}{(\sum_{i=1}^n \lambda_i)^2 + (\sum_{i=1}^n \delta_i)} \quad (6.1)$$

$$AVE = \frac{\sum_{i=1}^n \lambda_i^2}{n} \quad (6.2)$$

$$CA = \frac{n}{n-1} \left(1 - \frac{\sum_{i=1}^n V_i}{V_t}\right) \quad (6.3)$$

Chapter 7

Conclusions

Conclusion chapter.

7.1 Section 1

7.2 Section 2

7.3 Section 3

Appendices

Appendix A

Research Ethics

Appendix B

Experimental Procedure

Appendix C

Questionnaires

C.1 User Experience Questionnaire

Please make your evaluation now.

For the assessment of the product, please fill out the following questionnaire. The questionnaire consists of pairs of contrasting attributes that may apply to the product. The circles between the attributes represent gradations between the opposites. You can express your agreement with the attributes by ticking the circle that most closely reflects your impression.

Example:

attractive	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	unattractive
------------	-----------------------	----------------------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	--------------

This response would mean that you rate the application as more attractive than unattractive.

Please decide spontaneously. Don't think too long about your decision to make sure that you convey your original impression.

Sometimes you may not be completely sure about your agreement with a particular attribute or you may find that the attribute does not apply completely to the particular product. Nevertheless, please tick a circle in every line.

It is your personal opinion that counts. Please remember: there is no wrong or right answer!

Please assess the product now by ticking one circle per line.

	1	2	3	4	5	6	7		
annoying	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	enjoyable	1
not understandable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	understandable	2
creative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	dull	3
easy to learn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	difficult to learn	4
valuable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	inferior	5
boring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	exciting	6
not interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	interesting	7
unpredictable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	predictable	8
fast	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	slow	9
inventive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	conventional	10
obstructive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	supportive	11
good	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	bad	12
complicated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	easy	13
unlikable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	pleasing	14
usual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	leading edge	15
unpleasant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	pleasant	16
secure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	not secure	17
motivating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	demotivating	18
meets expectations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	does not meet expectations	19
inefficient	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	efficient	20
clear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	confusing	21
impractical	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	practical	22
organized	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	cluttered	23
attractive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	unattractive	24
friendly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	unfriendly	25
conservative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	innovative	26

