

TEMPLATE FOR THE UMB MASTERS THESIS

A Thesis Presented

by

Student Name

Submitted to the Office of Graduate Studies, University of Massachusetts  
Boston, in partial fulfillment of the requirements for the degree of

Master of Science

December 2013

Computer Science Program



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Student Name

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First Last, Assistant Professor  
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First Last, Professor  
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# ABSTRACT

## TEMPLATE FOR THE UMB MASTERS THESIS

December 2013

Student Name,  
B.S., University of Massachusetts Boston  
M.S., University of Massachusetts Boston

Directed by Assistant Professor First Last

The abstract is written here

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# CHAPTER 1

## INTRODUCTION

This is a sample chapter and here is a citation! [?].

Now a list!

- An item in the list
- Another item!

### 1.0.1 Here is a subsection

Lets talk about Figure 1.1. It's shown somewhere in this paper and it will appear on the list of figures. We can also talk about Subfigure 1.1(a)

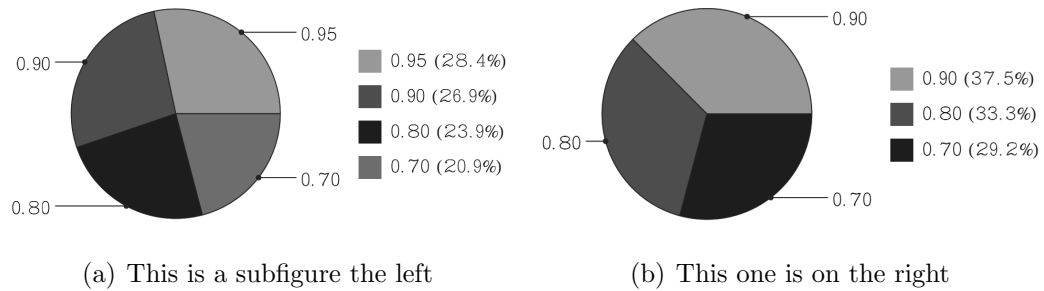


Figure 1.1: A description of the figure



## CHAPTER 2

### ANOTHER CHAPTER

We can also do some math!

$$fitness = F1 = \frac{2}{\frac{1}{recall} + \frac{1}{precision}}$$

And then talk about it inline:  $precision = \frac{truepositives}{truepositives+falsepositives}$

#### 2.0.2 Some method

There is a method presented in Algorithm 2.0.1, it is identified by reference.

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**Algorithm 2.0.1:** Perform Random Crossover  $v \otimes u$ 

---

**Input:**  $v$  : Feature Subset Vector

$u$  : Feature Subset Vector

**Output:**  $z$  : Feature Subset Vector

```
1 for  $0 \leq i < \text{number of possible features}$  do
2   if  $0.5 < \text{Random}(0, 1)$  then
3      $z[i] \leftarrow v[i]$ 
4   else
5      $z[i] \leftarrow u[i]$ 
```

---

## CHAPTER 3

### TABLES

Lets make a table that will show up on the list of tables. Shown in Table 3.1

Method	Complexity
GRS	$O(ic\Gamma)$
WRS	$O(ic\Gamma^2)$
WRSAS	$O(ic\Gamma^2)$
SCCS	$O(i'rc\Gamma^2)$

Table 3.1: The complexity of the algorithms presented.

### Acknowledgment

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