For office use only	Team Control Number	For office use only
T1 _____	2012050	F1 _____
T2 _____		F2 _____
T3 _____	Problem Chosen	F3 _____
T4 _____	A	F4 _____

2020
MCM/ICM
Summary Sheet

An MCM Paper Made by Team 1234567

Here is the abstract of your paper.
Firstly, that is ...
Secondly, that is ...
Thirdly, that is ...
Finally, that is ...

Contents

1 Introduction

1.1 Problem Background

Here is the problem background ...

Two major problems are discussed in this paper, which are:

- Doing the first thing.
- Doing the second thing.

1.2 Literature Review

A literatrue[1] say something about this problem ...

1.3 Our work

We do such things ...

1. We do ...

2. We do ...

3. We do ...

2 Preparation of the Models

2.1 Assumptions

2.2 Notations

The primary notations used in this paper are listed in **Table 1**.

Table 1: Notations

Symbol	Definition
A	the first one
b	the second one
α	the last one

3 The Models

3.1 Model 1

3.1.1 Detail 1 about Model 1

$$e^{i\theta} = \cos\theta + i\sin\theta. \tag{1}$$

4 Strengths and Weaknesses

4.1 Strengths

- First one...
- Second one ...

4.2 Weaknesses

- Only one ...

References

[1] Elisa T. Lee, Oscar T. Survival Analysis in Public Health Research. *Go. College of Public Health*, 1997(18):105-134.

[2] Wikipedia: Proportional hazards model. 2017.11.26. `https://en.wikipedia.org/wiki/Proportional_hazards_model`

Apendix: The source codes

This MATLAB program is used to calculate the value of variable a.

Program 1: `temp.m`

```
a = 0;
for i = 1:5
    a = a + 1;
end
```

This LINGO program is used to search the optimize solution of 0-1 problem.

Program 2: `temp.lg4`

```
model:
sets:
WP/1..12/: M, W, X;
endsets
data:
M = 2 5 18 3 2 5 10 4 11 7 14 6;
W = 5 10 13 4 3 11 13 10 8 16 7 4;
enddata
max = @sum(WP:W*X);
@sum(WP: M * X)<=46;
@for(WP: @bin(X));
end
```