### **RESEARCH PAPER**

## The Title

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#### Abstract

This is the abstract. Keywords: XXXXXXXXXXXX

### 1. INTRODUCTION

# **1.1** A subsection XXXX

The layout of this paper is as follows. XXX. Throughout we assume cosmological parameters of  $H_0 = 70 \text{ km s}^{-1} \text{ Mpc}^{-1}$ ,  $\Omega_M = 0.3$ ,  $\Omega_{\Lambda} = 0.7$  and  $\Omega_k = 0$ .

2. XXXX

### 3. DISCUSSION

Discuss.

4. SUMMARY

Summarise.

### Acknowledgement

This is an acknowledgement.

### References