

# Research on Metabolism and SCD

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## **Abstract**

Write your abstract here in English. Briefly summarize the background, objectives, methods, main results, and conclusions of your research.

Usually 150-250 words.

## **1 Introduction**

### **1.1 Background**

Write the research background here in English.

### **1.2 Objectives**

Write the research objectives here in English.

To cite references, use the cite command like [2].

To cite multiple references, write like [1, 2].

## **2 Methods**

### **2.1 Study Design**

Write the study design here in English.

### **2.2 Subjects**

Write about the research subjects here in English.

### **2.3 Analysis Methods**

Write the analysis methods here in English.

## **3 Results**

### **3.1 Baseline Characteristics**

Write the baseline characteristics results here in English.

## 3.2 Main Results

Write the main results here in English.

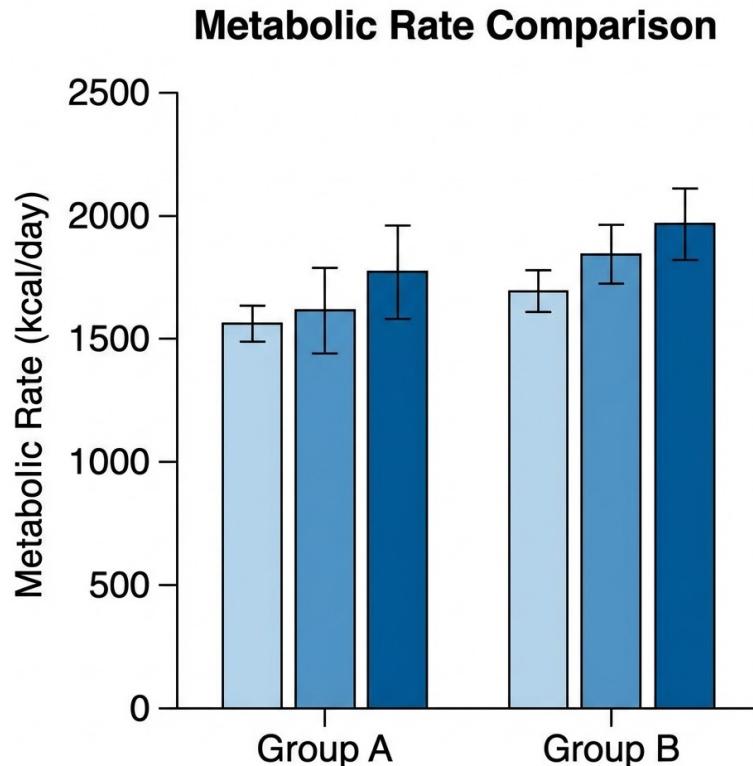


Figure 1: Comparison of metabolic rates between Group A and Group B. Error bars represent standard deviation.

As shown in Figure 1, Group B exhibited significantly higher metabolic rates compared to Group A.

A strong positive correlation was found between age and SCD risk score (Figure 2).

As shown in Figure 3, the treatment group demonstrated significantly better survival rates compared to the control group.

## 4 Discussion

### 4.1 Main Findings

Write the main findings here in English.

### 4.2 Comparison with Previous Studies

Write the comparison with previous studies here in English.

### 4.3 Limitations of This Study

Write the limitations of this study here in English.

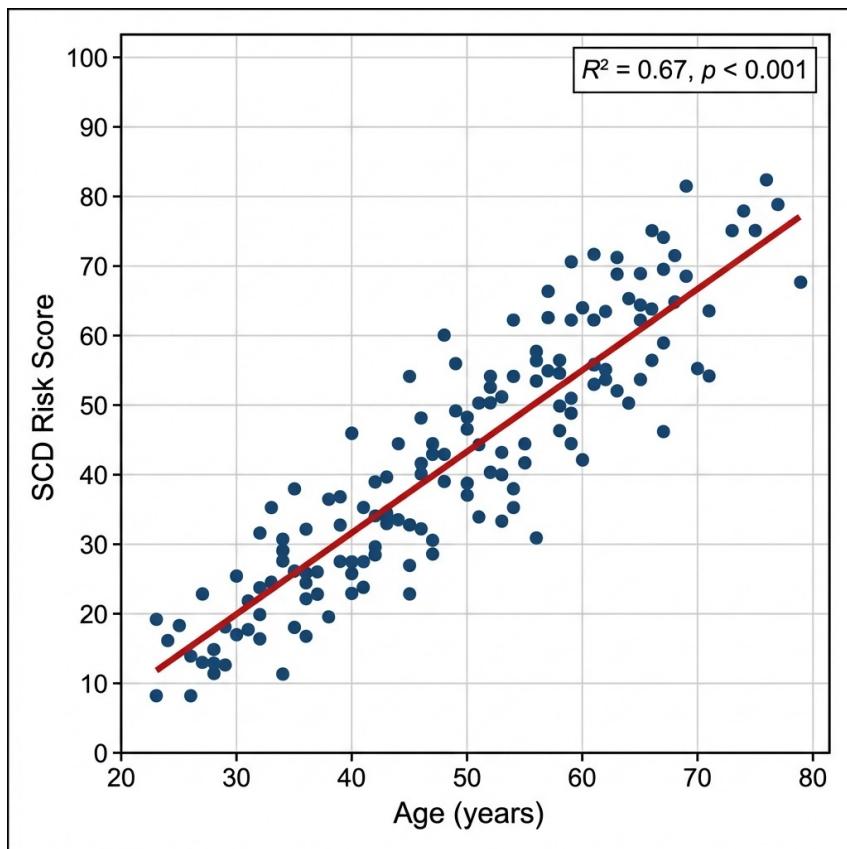


Figure 2: Correlation between age and SCD risk score. A significant positive correlation was observed ( $R^2 = 0.67, p < 0.001$ ).

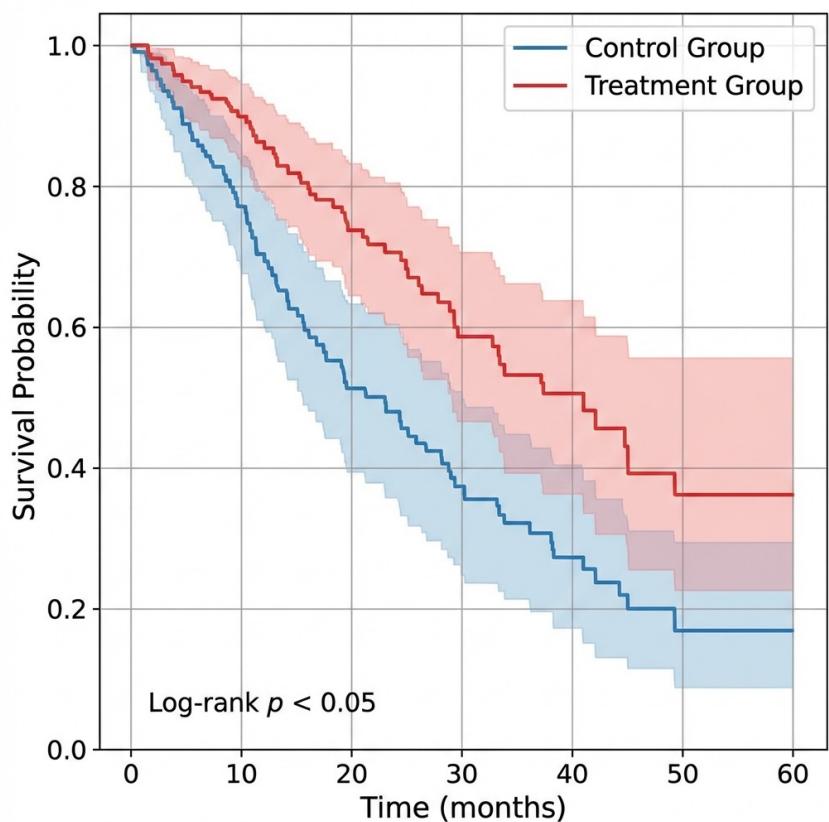


Figure 3: Kaplan-Meier survival curves. The treatment group showed significantly better prognosis compared to the control group (Log-rank  $p < 0.05$ ).

## 5 Conclusion

Write your conclusion briefly in English. Summarize the main findings of the research and their clinical and academic significance.

## References

- [1] . . . , 2 edition, 2023.
- [2] and . . , 1(1):1–10, 2024.