

Scheduling Job Shop Problems

Operations Research Research Group

November 24, 2025

Abstract

Sequencing and scheduling optimization.

1 Introduction

This report presents computational analysis of scheduling.

2 Mathematical Framework



Figure 1: Primary analysis results.

3 Secondary Analysis



scheduling_plot2.pdf

Figure 2: Secondary analysis comparison.

4 Parameter Study



Figure 3: Parameter sensitivity analysis.

5 2D Visualization



scheduling_plot4.pdf

Figure 4: Two-dimensional field visualization.

6 Distribution Analysis



scheduling_plot5.pdf

Figure 5: Statistical distribution analysis.

7 Time Series



Figure 6: Time series visualization.

8 Results Summary

9 Conclusions

This analysis demonstrates the computational approach to scheduling.