

GARMENT WORKER PRODUCTIVITY ANALYSIS

DISCOVERING PATTERNS AND TRENDS

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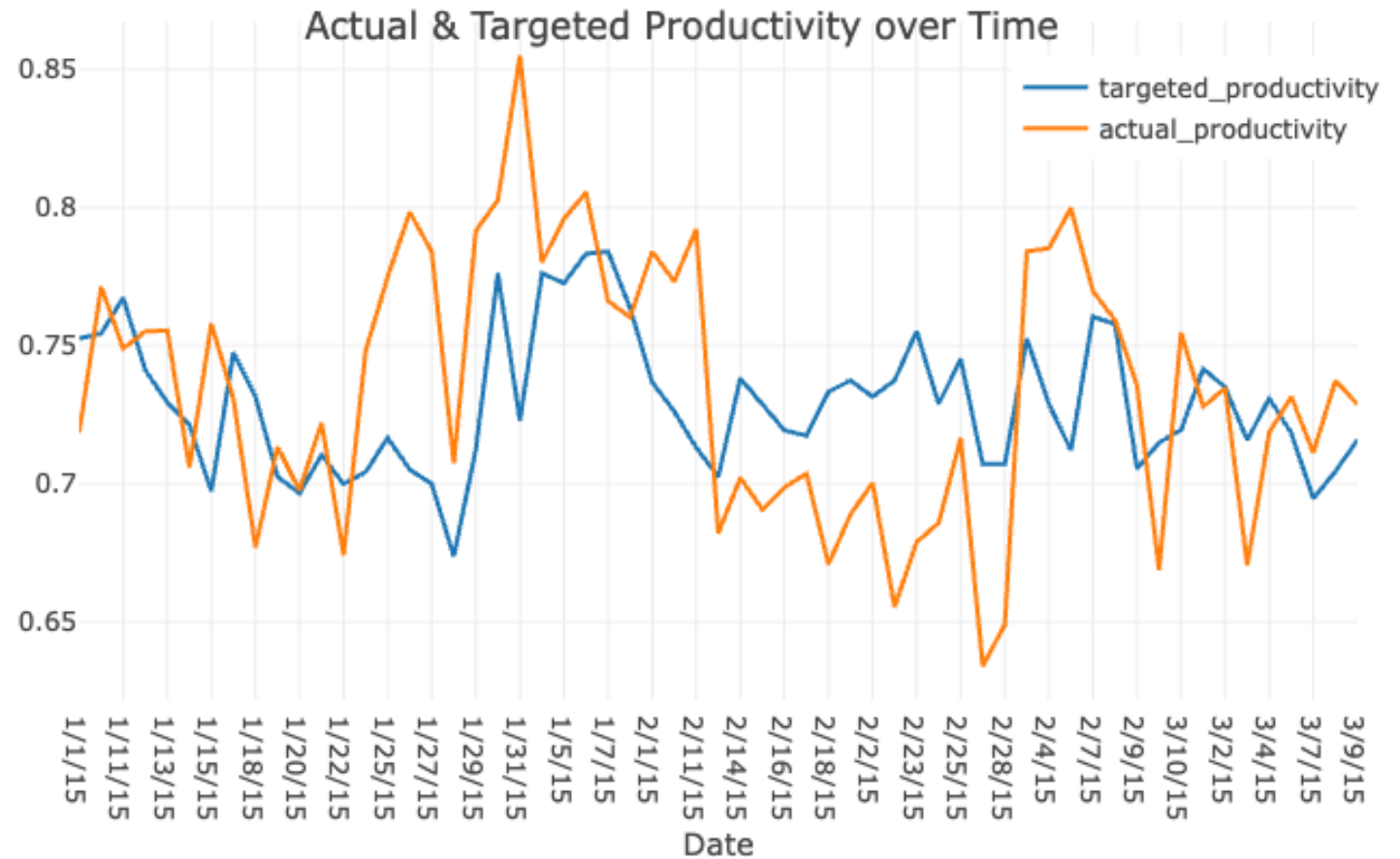


INTRODUCTION

- **OBJECTIVE:** Explore various factors that significantly influence garment worker's productivity. Uncover patterns and relationships that provide valuable insights into the dynamics of the industry.
- **PURPOSE OF ANALYSIS:** To gain a comprehensive understanding of the key determinants affecting the productivity of garment workers. By exploring factors such as idle time, idle men, overtime, and incentives, we aim to identify their impact on the actual productivity levels of the workforce.



ACTUAL VS TARGETED PRODUCTIVITY OVER TIME



RESEARCH QUESTIONS

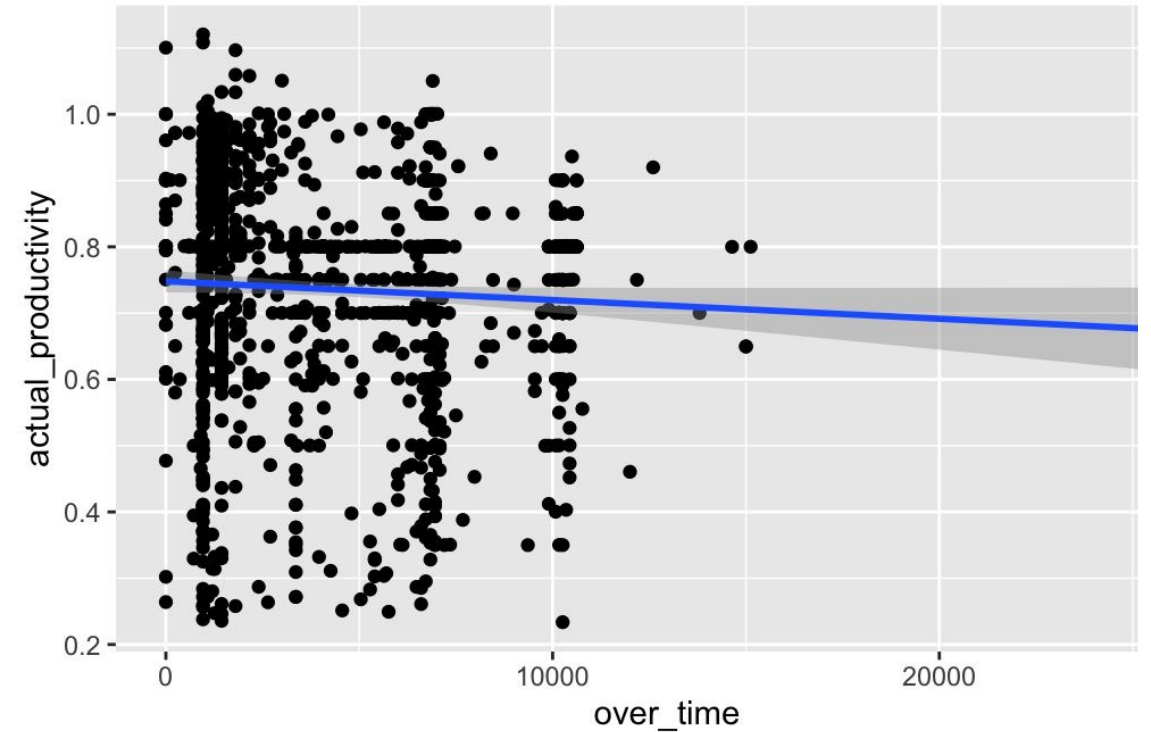
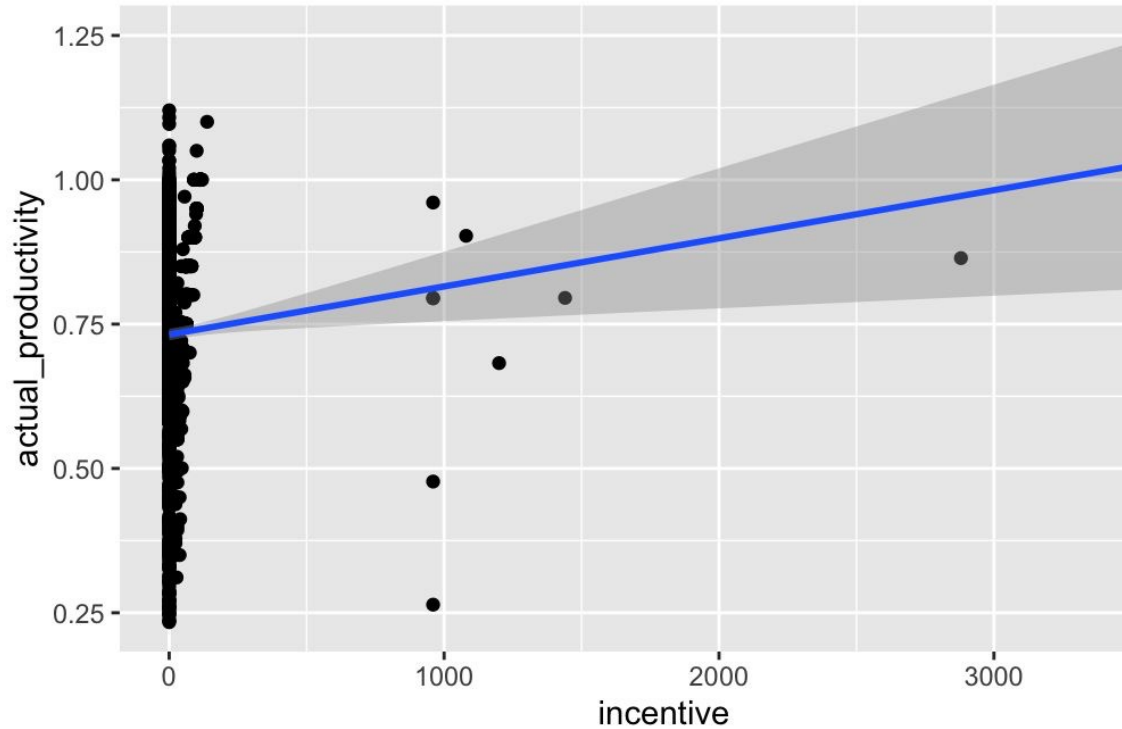


QUESTION 1: How does overtime and incentive distribution influence actual productivity in the garment industry? Are there optimal levels for maximizing efficiency?



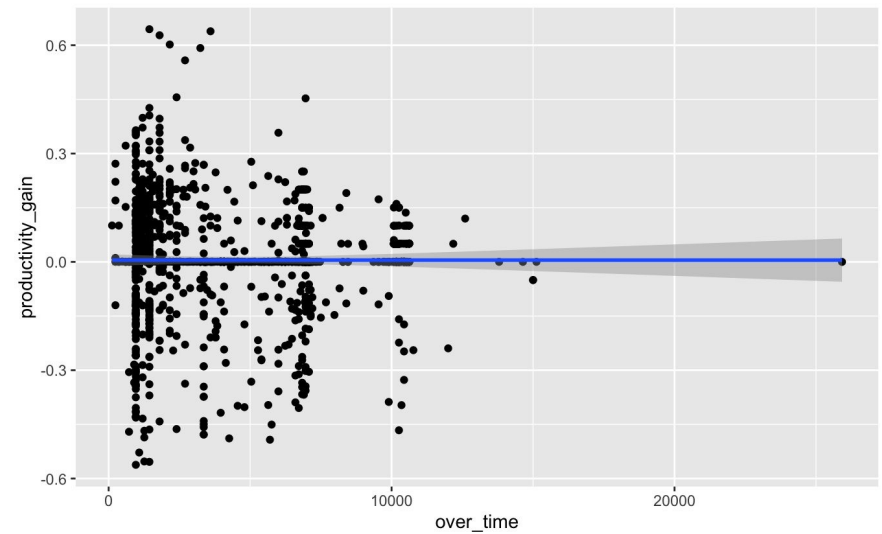
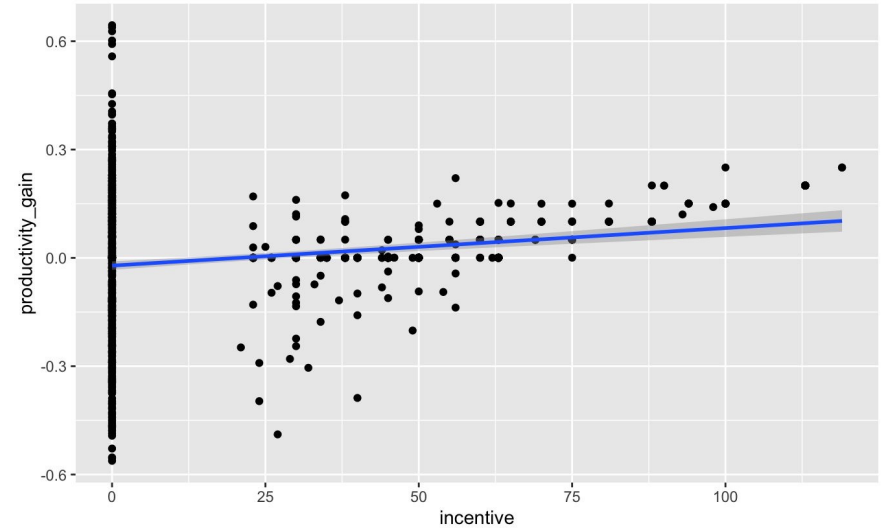
QUESTION 2: How does the amount of idle time and idle men affect overall productivity? Are there opportunities to reduce idle time for improved efficiency?

IMPACT OF OVERTIME AND INCENTIVE

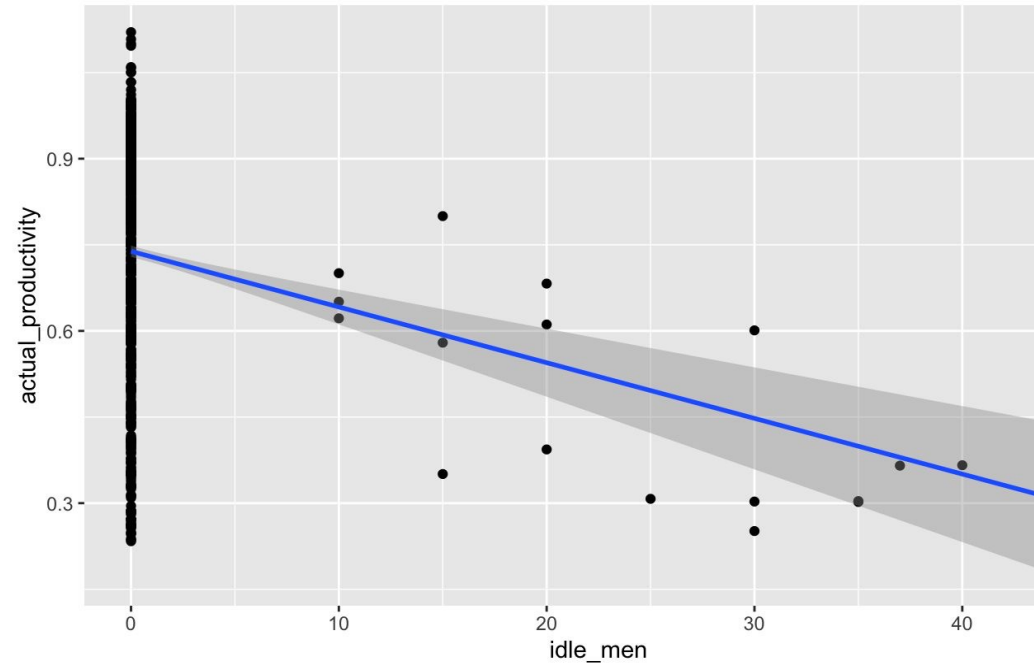
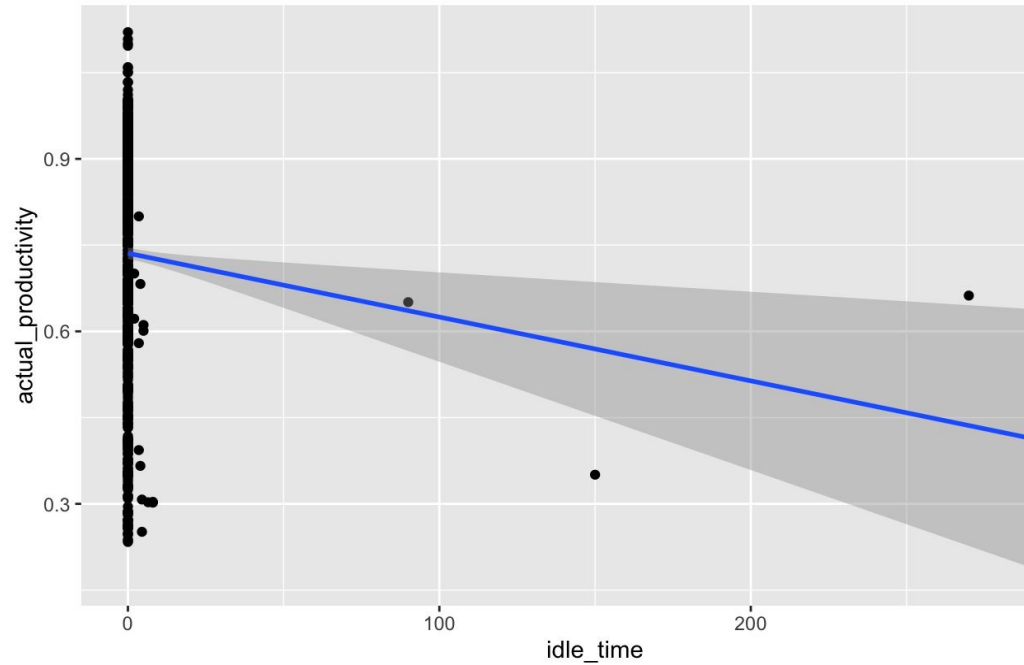


WHEN OVER_TIME > 0

- SWEET SPOT OF OVERTIME IS AROUND 5000-7000 HOURS PER QUARTER.

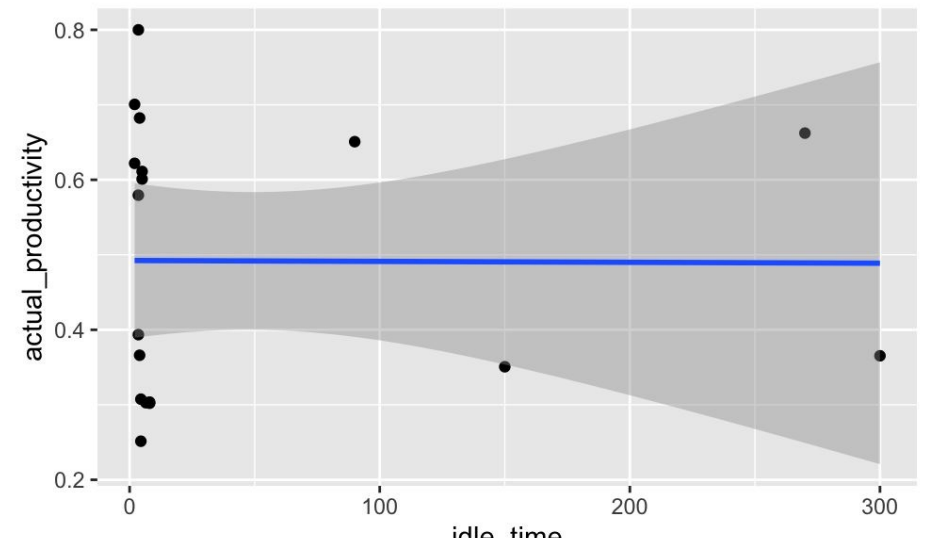
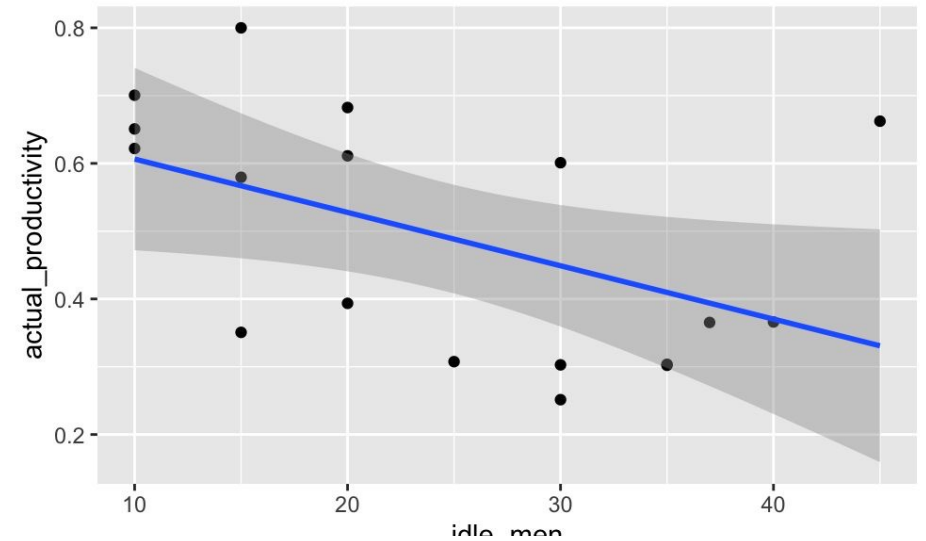


IMPACT OF IDLE TIME AND IDLE MEN



WHEN IDLE_TIME > 0

- IF IDLE_TIME WAS REDUCED TO ZERO, THERE WOULD HAVE BEEN A 19% BOOST IN THE PRODUCTIVITY.



SUGGESTIONS

- TO REDUCE IDLE_TIME:
 - EFFICIENT WORKFLOW PLANNING
 - CROSS-TRAINING EMPLOYEES
 - REAL-TIME MONITORING AND REPORTING
 - INCENTIVES FOR TIMELY COMPLETION
 - EFFECTIVE COMMUNICATION



THANK YOU