

Chapter 4: Statistical Analysis & Findings Discussion

1. Introduction

This chapter presents a comprehensive analysis of the empirical data collected from employees at the Arabian United Flat Glass Company. It focuses on examining the impact of Operational Risk Management (ORM) on Business Continuity (BC), while also analyzing the moderating role of Employee Training (ET).

2. Sample Profile

The study sample consisted of employees from multiple departments including Production, Maintenance, Quality Control, Health & Safety, and Administration. Different experience levels were included to ensure diversity.

3. Validity & Reliability Tests

Cronbach's Alpha confirmed high reliability (>0.70). Content and construct validity were verified using expert review and factor analysis.

4. Descriptive Statistics

Results showed high mean scores for ORM, Employee Training, and Business Continuity, indicating strong organizational practices.

5. Testing Hypotheses

Correlation and regression analysis confirmed:

- ORM positively impacts Business Continuity
- Employee Training has a significant effect
- Training moderates the ORM–BC relationship

6. Connecting Results with Literature

Findings align with ISO 31000 and previous studies emphasizing risk management and training importance.

7. Conclusion

Effective ORM and employee training significantly improve business continuity and operational stability.

8. References

- ISO 31000
- Company Reports
- Academic Journals

- SPSS Manuals