

Comparing Our Promotions

Evaluating the Effectiveness of Our Marketing Campaigns

Presented by Khristian Novoa

Our Objectives and Measurement Approach

What Are We Trying to Find?

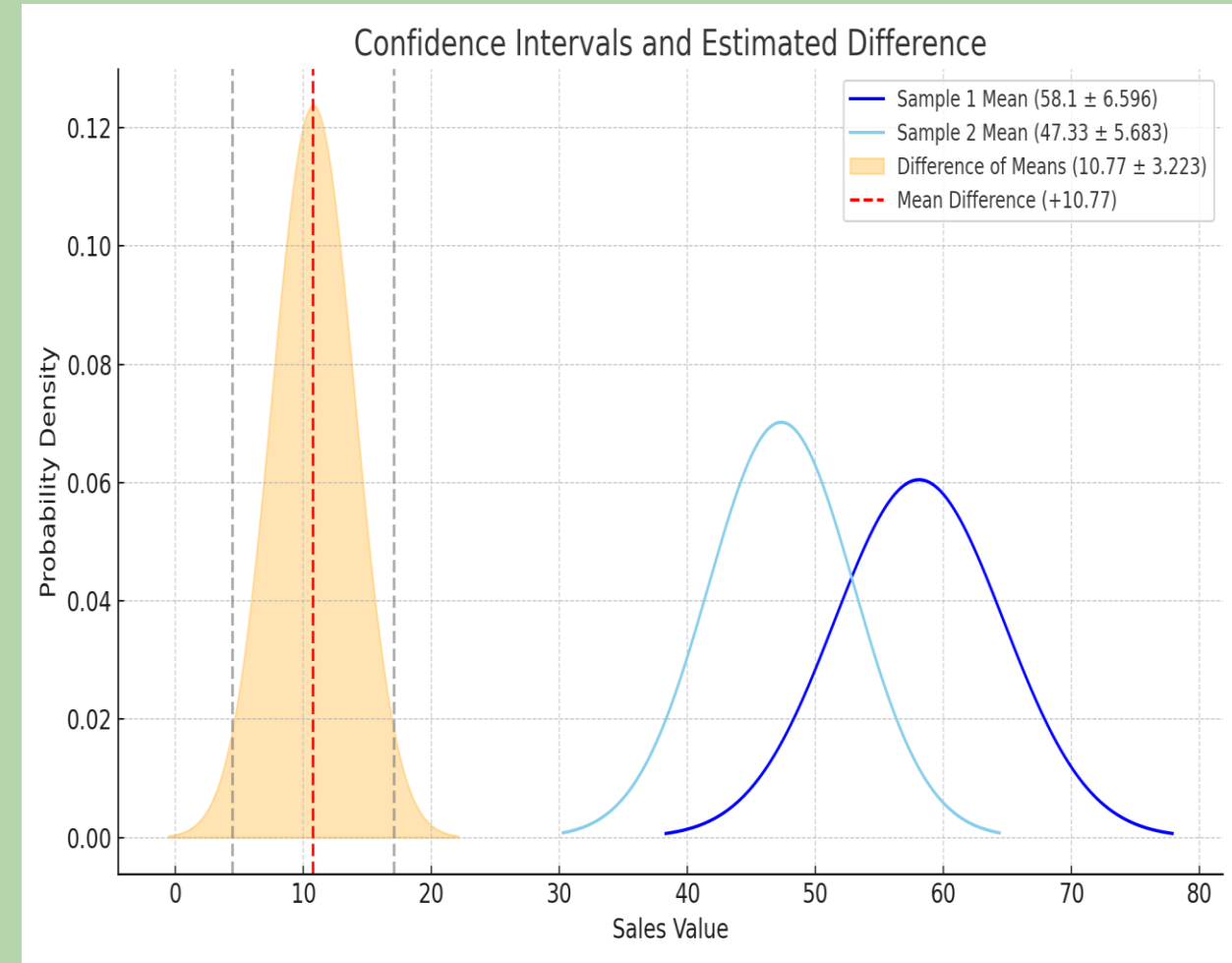
- Evaluate the effectiveness of three distinct marketing promotions.
- Identify which promotion generates the highest sales.

How Did We Measure?

- Calculated total weekly sales in thousands for each promotion at each location.
- Focused on sales directly tied to revenue, ensuring accurate measurement of campaign success.

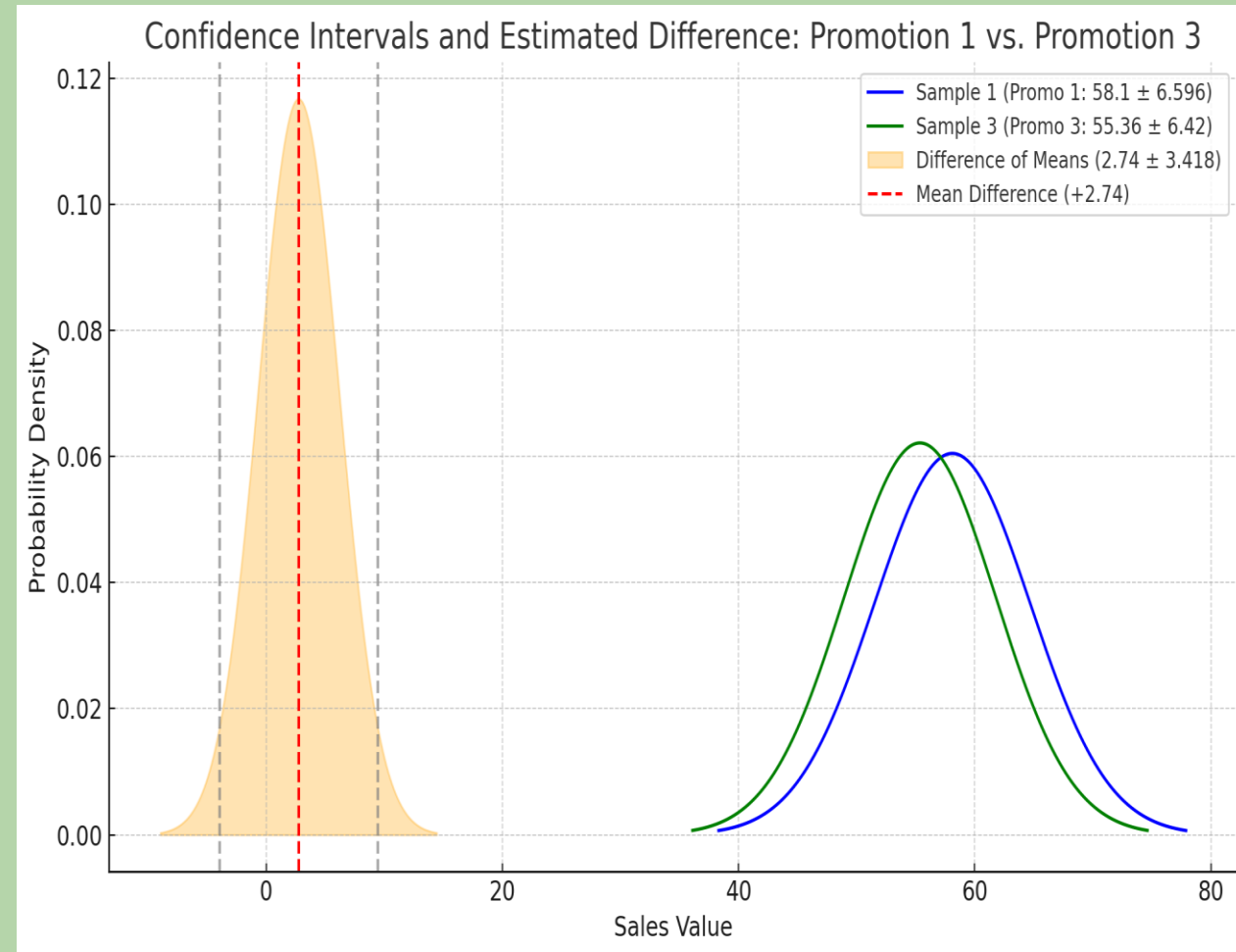
A/B Test Results: Promotion 1 vs. Promotion 2

- **Test Overview:** Comparing the effectiveness of Promotion 1 and Promotion 2.
- **Treatment Effect:** +10.77 (Sales increase with Promotion 1).
- **P-Value:** 0.0013 (Statistically significant at 0.01 level).
- **Conclusion:** Promotion 1 significantly outperforms Promotion 2.



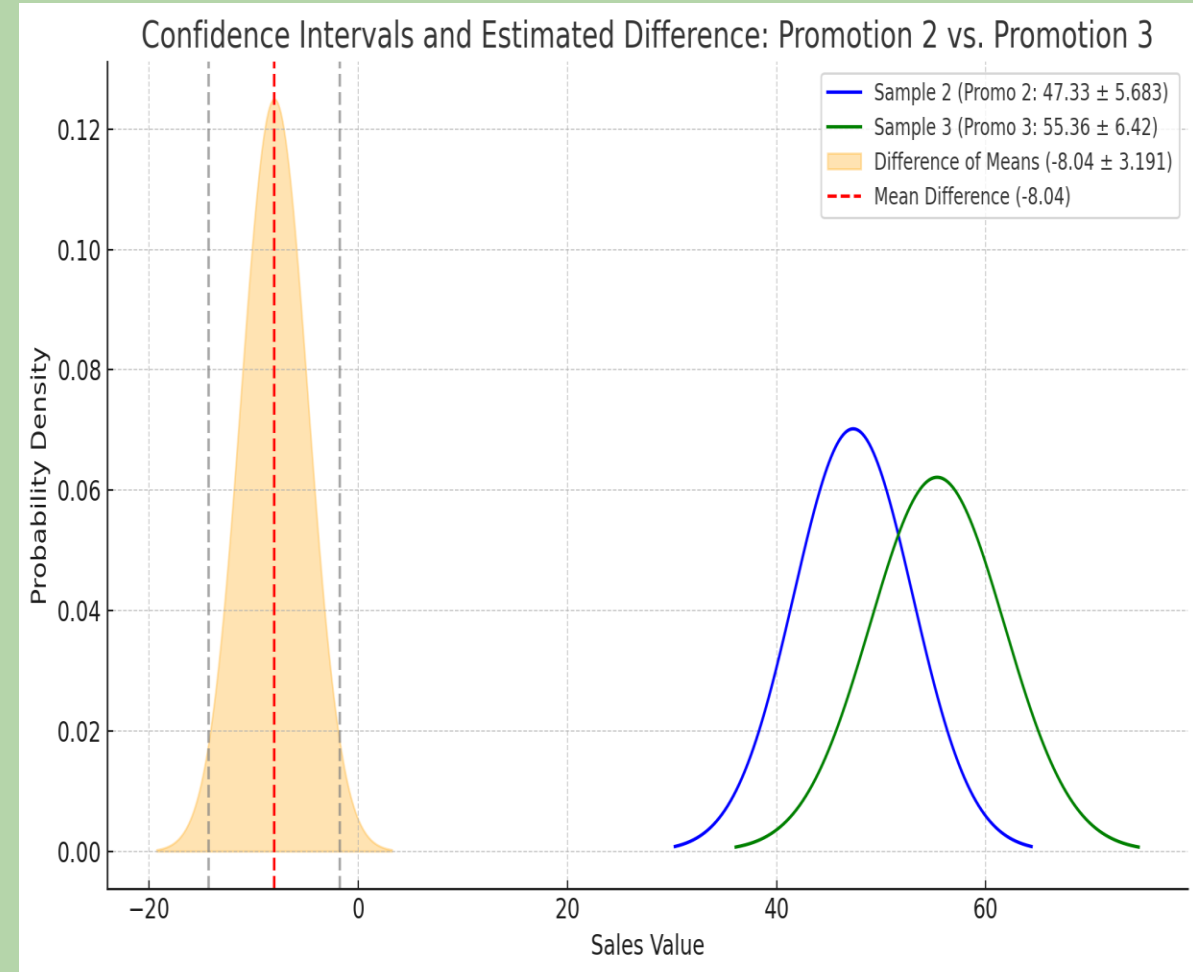
A/B Test Results: Promotion 1 vs. Promotion 3

- **Test Overview:** Comparing the sales performance of Promotion 1 and Promotion 3.
- **P-Value:** 0.4259 (Not statistically significant).
- **Conclusion:** Similar sales performance between the two promotions.



A/B Test Results: Promotion 1 vs. Promotion 3

- **Test Overview:** Comparing the sales performance of Promotion 2 and Promotion 3.
- **Treatment Effect:** -8.04 (Slightly lower sales for Promotion 2).
- **P-Value:** 0.0136 (Not statistically significant at 0.01 level).
- **Conclusion:** No significant difference. Promotion 3 slightly outperforms Promotion 2.






Key Recommendations and Next Steps

Strategic Recommendations

- **Maximize Impact with Promotion 1:** Prioritize and scale this campaign to drive the highest sales.
- **Leverage Promotion 3:** Use it as an alternative if scaling Promotion 1 is not feasible.
- **Reevaluate Promotion 2:** Review its performance and consider strategy adjustments or discontinuation.

Actionable Next Steps

-  **Investigate Success Drivers:** Conduct an in-depth analysis to understand the factors behind Promotion 1's success.
-  **Assess Scalability:** Evaluate operational capacity for scaling Promotions 1 and 3.
-  **Optimize Promotion 2:** Explore targeted improvements to enhance its performance.