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## Product Quality Analysis of Pencil Skirts: How Does Production Affect the Garment?

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## Product Quality Analysis of Pencil Skirts: How Does Production Affect the Garment?

Madison Hataway<sup>1</sup>, Julia Morrison<sup>1</sup>, Sadie McGill<sup>1</sup>, and Kathleen Heiden, PhD<sup>2</sup>

The purpose of this project was to determine how garment construction affects product quality, performance, fit, and cost.

Pencil skirts from three different store were evaluated for construction, sizing and fit, and cost. Garment labels were reviewed description of labels, fiber content, RN number, country of origin, care requirements, and extra voluntary information. Sizing specifications were evaluated by measuring the waist, hips, center front length, and center back length. Measurements were taken on the original and garment that was washed ten times for each brand. Cost sheets were completed for women's skirts by examining the garments for materials, trimmings, and construction. Construction characteristics were evaluated to determine construction techniques for stitch and seam types. Design and fit characteristics were evaluated for shaping methods and styling.

The data indicates there are many differences between the skirts. They all are pencil skirts with a slim fit. However, the quality of each skirt is very durable and contains unique features such as dynamic seams and trimmings. Production and cost wise, each garment has different costs from production. Sizing and fit is an important factor when it comes to the garment quality and fit. H&M was the only garment that had a big difference when it came to standard measurements. For Gianni Bini and Valerie Stevens, the hip and waist measurements were close in standard sizing.

In conclusion, the skirt that performed the best in durability, cost, and production is the H&M skirt. The garment is a good price with good strength and quality. For the price, you get an overall good skirt with an added lining. This skirt was only a cent more than the Valerie Stevens skirt, but it is the best deal for extra support and overall quality in the garment. This product gives consumers the most for their money.

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