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Dimensions of Performance in the Interpretation of Diagrams, Tables, and Maps: Some Gender Differences in the Swedish Scholastic Aptitude Test.

J. Res. Sci. Teach. 36, No. 5, 565-82 (1999).

Investigates the dimensions underlying performance on the diagrams, tables, and maps subset of the Swedish Scholastic Aptitude Test. Analyzes data from two test versions by using a structural-equation modeling technique on 14,463 and 19,636 examinees respectively. Concludes that gender difference in performance is due, to a great extent, to the quantitative factor influencing test items. Contains 51 references. (ERIC)

Classification: D63

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