

## EPSY 5221: Principles of Educational and Psychological Measurement

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Three scales employing “Likert-type” scales and scoring methods, pre-Likert.

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Brown, Clara (1928). *Rating Scale for Teachers of Home Economics*. Minneapolis, MN: University of Minnesota

1-10 point scale with 3 anchors.  
Sum points, take the average.

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Brandenburg, G.C., & Remmers, H.H. (1928). *Purdue Rating Scale for Instructors*. Lafayette, IN: Lafayette Printing.

1-100 point scale with 3 anchors  
Sum points, take the average.

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Baker, Harry, J. (1930). *Detroit Adjustment Inventory*. Bloomington, IL: Public School Publishing.

3 point scale.  
Sum to total.  
“Telling what I do.”

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Likert, R. (1932). A technique for the measurement of attitude. *Archives of Psychology*, 140.

Compared two scoring methods, the Sigma method (assuming attitudes are normally distributed and assigning weights based on the observed distribution across the options) and the summed scale method. The simpler method achieved a reliability comparable to that reported by Thurstone with half the number of items.

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These scales are available in the TestFile located in Wilson Annex (basement of Wilson Library). To gain access to the TestFile, you need authorization from a faculty member. If you are interested in looking at this file – which contains over 1200 tests and scales, let me know.

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