

## **Holzinger and Swineford (1939) dataset**

### **Description**

The classic Holzinger and Swineford (1939) dataset consists of mental ability test scores of seventh- and eighth-grade children from two different schools (Pasteur and Grant-White). In the original dataset (available in the MBESS package), there are scores for 26 tests.

However, a smaller subset with 9 variables is more widely used in the literature (for example in Joreskog's 1969 paper, which also uses the 145 subjects from the Grant-White school only).

This dataset is retrieved from *lavaan* R package.

### **Variable Description**

x1 Visual perception

x2 Cubes

x3 Lozenges

x4 Paragraph comprehension

x5 Sentence completion

x6 Word meaning

x7 Speeded addition

x8 Speeded counting of dots

x9 Speeded discrimination straight and curved capitals

### **References**

Holzinger, K. J., & Swineford, F. (1939). A study in factor analysis: The stability of a bi-factor solution. Supplementary Educational Monographs, no. 48. Chicago: University of Chicago, Department of Education.