**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** |
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|  |  |
| --- | --- |
| 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.