**Fraction Subtraction (FS) data**

**Description:**

Fraction Subtraction data (Tatsuoka, 1990, 2002) consists of responses of 536 examinees to items measuring fraction subtraction skills. Below are the items and skills measured.

A table with numbers and words

AI-generated content may be incorrect.

**Format:**

Binary responses of 536 examinees to 20 (or 10) items.

1 – correct response

0 – incorrect response

**References**

Tatsuoka, K. K. (1990). Toward an integration of item-response theory and cognitive error diagnosis. In N. Frederiksen, R. Glaser, A. Lesgold, & M. Shafto (Eds.), Diagnostic monitoring of skill and knowledge acquisition (pp. 453-488). Hillsdale, NJ: Erlbaum.

Tatsuoka, C. (2002). Data analytic methods for latent partially ordered classification models. Journal of the Royal Statistical Society, Series C, Applied Statistics, 51, 337-350.