

Chapman

Data Files: chapmanw.sav and chapmanb.sav

The level-1 file has 140 cases (repeated responses) and 3 variables. The variables are:

| | |
|---------------|-----------------------------------|
| SCORE | score on test of opposites-naming |
| WEEK | week of measurement minus 1 |
| WEEKSQ | week*week |

The level-2 file has 35 cases and 3 variables. The variables are:

| | |
|--------------|---------------------------------------|
| IQ | score on intelligence test |
| IQ_C | centered IQ (IQ minus sample mean IQ) |
| IQ_C2 | centered IQ squared |

References: Willett, J. B. (1988). Questions and answers in the measurement of change. In E. Z. Rothkopf (Ed.), *Review of Research in Education*, 15, pp. 345-422. Washington DC: AERA.

Chapman, J. C. (1914). Individual differences in ability and improvement and their correlations. *Contributions to Education* (63). NY: Teachers College, Columbia University.