

BDA HM9

Piero Birello

March 2025

15.1

(A)

- y : performance by public high school students on the SAT. Count. Precisely, test scored on scale of 200–800, (in 10-point increments), on each of two sections (total 400–1600), essay scored on scale of 2–8, in 1-point increments, on each of three criteria.
- x : money spent per student and percent of eligible students. Positive, metric.

(B)

- y : similarity score 1-7. Ordinal.
- x : number of transformations to get from one pattern to the other. Count.

(C)

- y : longevity of rats in days. Count.
- x : two groups of rats. Dichotomous.

(D)

- y : tar content of a cigarette in milligrams. Positive, metric.
- x : cigarette weight. Positive, metric.

(E)

- y : gender of a person. Dichotomous.
- x : height and weight. Positive, metric.

(F)

- y : agreement or disagreement. Dichotomous.
- x : political party affiliation. Nominal.