

biometric data

data related to body measurements, such as head circumference and arm span

bivariate data

data involving two variables that can be graphed on a scatterplot

causality

the extent to which one event is considered to cause another event

concentration

the proportion of a drug in a solution, expressed as a rate in mass per volume e.g. 5 mg/mL

correlation

the strength of the relationship between two variables

correlation
coefficient

a variable, r , that measures
the correlation of two
variables and whose value
is between -1 and 1

dosage

a prescribed amount
of medicine to be
taken

drip rate

the number of drop an
IV solution is dripping at
per unit of time e.g.
drops per minute

least-squares

the line of best fit on a
scatterplot where distances
of each point from the line
is as small as possible

life expectancy

the average number of years
remaining to a person at a
specified age, or the average
number of years of life of a
person at birth

linear function

a function in the form of $y = mx + b$, whose graph is a straight line

line of fit

a straight line that represents a set of points obtained through experiment or observation; also known as a regression line

microgram

one-millionth of a gram

milligram

one-thousandth of a gram

scatter plot

a set of points on a number plane showing a relationship between two variables

solution

a liquid mixture in which the minor component (the solute) is uniformly distributed within the major component (the solvent)

trendline

a best-fit straight line that is used with simple linear data sets; this usually shows that something is increasing or decreasing at a steady rate