

## CORRELATION~1

### Layman's Terms for the concept

While "correlation" is the technical name for the statistic which examines the degree to which two quantifiable variables covary, writers of newspapers and magazine articles often employ non-technical language for lay consumers. The following statements illustrate this point:

Recent studies have found a **LINK** between coffee consumption and pancreatic cancer. The more coffee you drink, the greater your risk of developing it. (positive correlation)

Scientists have found a **CONNECTION** between volume of beta carotene in the diet and eye health. People who have large amounts of BC in their diet have fewer eye problems. (negative correlation)

Psychologists have recently confirmed the adverse **RELATIONSHIP** between amount of time spent on extracurricular activities and GPAs among college students. The greater the amount of time spent on out-of-classroom activities, the lower the GPA. (negative correlation)

Researchers at Johns Hopkins recently discovered an **ASSOCIATION** between dietary fiber in the diet and colon health. People on a high fiber diet have a lower risk of cancer. (negative correlation)

Psychiatrists have determined that the incidence of adjustment disorders among children is **TIED** to parental discipline levels. The more rigid the parental discipline, the greater the risk for adjustment disorders. (positive correlation)