- 3. For each of the sets of variables in Previous exercise 2:
- (a) Classify each variable as either quantitative or qualitative

(Explain)

- (a) Number of cylinders and gasoline consumption of cars
- (b) SAT scores, grade point average, and college admission
- (c) Supply and demand of certain goods
- (d) Company's assets, return on a stock, and net sales
- (e) The distance of a race, the time to tun the race, and the weather conditions at the time of running
- (f) The weights of a person, whether or not the person is a smoker, and whether or nor the person has a lung cancer
- (g) The height and weight of a child, his/her parents' height and weight, and the gender and age of the child

- 3. For each of the sets of variables in Previous exercise 2:
- (b) Which type of regression (see Table 1.5) can be used in the analysis of the data?

(Explain)

- (a) Number of cylinders and gasoline consumption of cars Gimple
- (b) SAT scores, grade point average, and college admission Logistic regression
- (c) Supply and demand of certain goods Gimple
- (d) Company's assets, return on a stock, and net sales multiple
- (e) The distance of a race, the time to tun the race, and the weather conditions at the time of running Analysis of covariance
- (f) The weights of a person, whether or not the person is a smoker, and whether or nor the person has a lung cancer Logistic veryession
- (g) The height and weight of a child, his/her parents' height and weight, and the gender and age of the child

 Analysis of Covariance

Univariate - ひやき, 器切りりい

Multivariate - CHUY, 34497 OTOM

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