


[Sample Data folder](#)

Wild bears were anesthetized, and their bodies were measured and weighed. One goal of the study was to make a table (or perhaps a set of tables) for hunters, so they could estimate the weight of a bear based on other measurements. This would be used because in the forest it is easier to measure the length of a bear, for example, than it is to weigh it.

This data set was supplied by Gary Alt. Entertaining references are in Reader's Digest April, 1979, and Sports Afield September, 1981.

Column	Name	Count	Missing	Description
C1	ID	143		Identification number
C2	Age	143		Bear's age, in months. Note, wild bears are always born in January, so an expert can estimate the bear's age without directly asking it how old it is.
C3	Month	143		Month when the measurement was made. 1 = Jan., 12 = Dec. Since bears hibernate in the winter, their body shape probably depends on the season.
C4	Sex	143		1 = male 2 = female
C5	Head.L	143		Length of the head, in inches
C6	Head.W	143		Width of the head, in inches
C7	Neck.G	143		Girth (distance around) the neck, in inches
C8	Length	143		Body length, in inches
C9	Chest.G	143		Girth (distance around) the chest, in inches
C10	Weight	143		Weight of the bear, in pounds
C11	Obs.No	143		Observation number for this bear. For example, the bear with ID = 41 (Bertha) was measured on four occasions, in the months coded 7, 8, 11, and 5. The value of Obs.No goes from 1 to 4 for these observations.