1. Title: Balloon databases

2. Source: Michael Pazzani (pazzani@ics.uci.edu)

3. Past usage

Pazzani, M. (1991). The influence of prior knowledge on concept acquisition:

Experimental and computational results. Journal of Experimental Psychology:

Learning, Memory & Cognition, 17, 3, 416-432.

4. Relevant information:

There are four data sets representing different conditions of an experiment.

All have the same attributes.

a. adult-stretch.data Inflated is true if age=adult or act=stretch

b. adult+stretch.data Inflated is true if age=adult and act=stretch

c. small-yellow.data Inflated is true if (color=yellow and size = small) or

d. small-yellow+adult-stretch.data Inflated is true if

(color=yellow and size = small) or (age=adult and act=stretch)

5. Number of attributes: 4

6. Number of Instances: 16

7. Attribute Information: (Classes Inflated T or F)

Color yellow, purple

size large, small

act stretch, dip

age adult, child

inflated T, F

8. Missing Values: None