

**Dataset: SensorDiscrimination**

Attributes: 12 numerical values for attributes named Input 1 to Input 12.

Class: Nominal

- one: substance group 1
- two: substance group 2
- three: false alarm (neither substance group)

A sensor is designed to detect the presence of one of two groups of substances. The sensor measures 12 different numerical attributes of a sample of an unknown substance to determine which of the two groups the sample falls into. The sensor also indicates a “false alarm” when the sample does not fall into either group.