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Ochter for Machine Ecarting and Intelligent Cysteria

Thyroid Disease Data Set

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Abstract: 10 separate databases from Garavan Institute

Data Set Characteristics:	Multivariate, Domain- Theory	Number of Instances:	7200	Area:	Life
Attribute Characteristics:	Categorical, Real	Number of Attributes:	21	Date Donated	1987-01- 01
Associated Tasks:	Classification	Missing Values?	N/A	Number of Web Hits:	149883

Source:

Ross Quinlan

Data Set Information:

- # From Garavan Institute
- # Documentation: as given by Ross Quinlan
- #6 databases from the Garavan Institute in Sydney, Australia
- # Approximately the following for each database:
- ** 2800 training (data) instances and 972 test instances
- ** Plenty of missing data
- ** 29 or so attributes, either Boolean or continuously-valued
- #2 additional databases, also from Ross Quinlan, are also here
- ** Hypothyroid.data and sick-euthyroid.data
- ** Quinlan believes that these databases have been corrupted
- ** Their format is highly similar to the other databases
- # 1 more database of 9172 instances that cover 20 classes, and a related domain theory
- # Another thyroid database from Stefan Aeberhard
- ** 3 classes, 215 instances, 5 attributes
- ** No missing values
- # A Thyroid database suited for training ANNs
- ** 3 classes
- ** 3772 training instances, 3428 testing instances
- ** Includes cost data (donated by Peter Turney)

Attribute Information:

N/A

Relevant Papers:

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George H. John and Ron Kohavi and Karl Pfleger. <u>Irrelevant Features and the Subset Selection Problem</u>. ICML. 1994. [View Context].

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understanding. [View Context].

Je Scott and Mahesan Niranjan and Richard W. Prager. <u>Realisable Classifiers: Improving Operating Performance on Variable Cost Problems</u>. Cambridge University Department of Engineering. [View Context].

Pramod Viswanath and M. Narasimha Murty and Shalabh Bhatnagar. <u>A pattern synthesis technique to reduce the curse of dimensionality effect</u>. E-mail. [View Context].

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