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| |  |  | | --- | --- | | **Teaching Assistant Evaluation Data Set**  *Download*: [Data Folder](http://archive.ics.uci.edu/ml/machine-learning-databases/tae/), [Data Set Description](http://archive.ics.uci.edu/ml/machine-learning-databases/tae/tae.names)  **Abstract**: The data consist of evaluations of teaching performance; scores are "low", "medium", or "high" |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Data Set Characteristics:** | Multivariate | **Number of Instances:** | 151 | **Area:** | N/A | | **Attribute Characteristics:** | Categorical, Integer | **Number of Attributes:** | 5 | **Date Donated** | 1997-06-07 | | **Associated Tasks:** | Classification | **Missing Values?** | No | **Number of Web Hits:** | 41287 |   **Source:**  Collector:  Wei-Yin Loh (Department of Statistics, UW-Madison)  Donor:  Tjen-Sien Lim (limt **'@'** stat.wisc.edu)  **Data Set Information:**  The data consist of evaluations of teaching performance over three regular semesters and two summer semesters of 151 teaching assistant (TA) assignments at the Statistics Department of the University of Wisconsin-Madison. The scores were divided into 3 roughly equal-sized categories ("low", "medium", and "high") to form the class variable.  **Attribute Information:**  1. Whether of not the TA is a native English speaker (binary); 1=English speaker, 2=non-English speaker  2. Course instructor (categorical, 25 categories)  3. Course (categorical, 26 categories)  4. Summer or regular semester (binary) 1=Summer, 2=Regular  5. Class size (numerical)  6. Class attribute (categorical) 1=Low, 2=Medium, 3=High  **Relevant Papers:**  Loh, W.-Y. & Shih, Y.-S. (1997). Split Selection Methods for Classification Trees, Statistica Sinica 7: 815-840.  [[Web Link]](http://rexa.info/paper/3c7ff36256dc54deeb225e87539c454c2ef1f188)  Lim, T.-S., Loh, W.-Y. & Shih, Y.-S. (1999). A Comparison of Prediction Accuracy, Complexity, and Training Time of Thirty-three Old and New Classification Algorithms. Machine Learning. ([[Web Link]](ftp://ftp.stat.wisc.edu/pub/loh/treeprogs/quest1.7/mach1317.pdf) or [[Web Link]](http://www.stat.wisc.edu/%7Elimt/mach1317.pdf))  [[Web Link]](http://rexa.info/paper/db6d40facb609e2681727ef96e61dd49d42b4aff)  **Citation Request:**  Please refer to the Machine Learning Repository's [citation policy](http://archive.ics.uci.edu/ml/citation_policy.html) |

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