

# Discovery Challenge 2004

## EuroMISE – Cardio

Here you can get data set STULONG prepared for Discovery Challenge of ECML/PKDD 2004 conference.

STULONG is the data set concerning the twenty years lasting longitudinal study of the risk factors of the atherosclerosis in the population of 1 417 middle aged men. Four data matrices are included.

The goal of the discovery challenge is to get new knowledge from the STULONG data. Especially we are interested in answers to the set of analytical questions.

STULONG data consists of raw data matrices. Various data transformations are necessary before the analysis. We offer both results of some useful transformations and tools for further possible transformations.

The Stulong data set was used in Discovery Challenge 2002 of ECML/PKDD-2002 and Discovery Challenge of ECML/PKDD-2003. Thus there are some former results that can be interesting from the point of view of Discovery Challenge 2004.

Here you can download the data.

The study (STULONG) was realized at the 2<sup>nd</sup> Department of Medicine, 1<sup>st</sup> Faculty of Medicine of Charles University and Charles University Hospital, U nemocnice 2, Prague 2 (head. Prof. M. Aschermann, MD, SDr, FESC), under the supervision of Prof. F. Boudík, MD, ScD, with collaboration of M. Tomečková, MD, PhD and Ass. Prof. J. Bultas, MD, PhD. The data were transferred to the electronic form by the European Centre of Medical Informatics, Statistics and Epidemiology of Charles University and Academy of Sciences (head. Prof. RNDr. J. Zvárová, DrSc). At present time the data analysis is supported by the grant of the Ministry of Education CR Nr LN 00B 107.

Further use of the STULONG data is possible under condition of explicit quotation.

There are two contact persons.