Alceste
2012 Plus Edition
A textual statistics software
An innovation in understanding
What is Alceste?

Alceste is a textual statistics software developed by Image Company, with the collaboration of the National Center for Scientific Research (CNRS). It has improved through the years and the observations from the multiple applications realized since 1986, the year the Image company was created. Alceste proceeds to an initial detailed analysis of its vocabulary from the corpus, and forms the dictionary of words and root, with their frequency. Then, by successive subdivisions, it will cut the text into homogeneous segments containing a sufficient number of words, and then proceed to a classification of these segments by finding the strongest oppositions. This method permits to extract classes of meaning, constituted by the most significant sentences and words, the classes obtained represent the ideas and the dominant themes in the corpus. All the results sorted out according to their relevance, with many graphic representations and different analysis reports, offers the user an easy and effective interpretation. Today, the Alceste software is known and recognized as a very powerful tool, ergonomic and user-friendly, it is essential for the analysis and decision support. It processes any type of text, in different languages, and finds applications in multiple fields. Describe, classify, synthesize automatically a text: these are the main objectives of the Alceste software.

Method used

The method used in Alceste is a descending hierarchical classification, that is the basis of the Alceste software. The 2012 Plus Edition of Alceste uses, in addition to its descending classification, two other classifications, that is to say an ascending classification and a manual classification, the user can exploit one or more of these classifications, in order to optimize the interpretation / ensure an optimal interpretation of its results.

Fields of experiences

The Alceste software can be used in all areas where there are/with textual data to process and to strip in order to extract the meaning. The areas in which Alceste has a great experience are sociology, psychology, marketing consultancy, advertising, journalism, political discourses analysis, sensory neurobiology, medicine, psychiatry, management sciences, strategic intelligence on the Internet, linguistics, law, history, etc.

Main functionalities

- Vocabulary analysis, grammatical categorization, reduction of words and edition of dictionaries.
- Multilingual analyses (French, English, Portuguese, Italian, German, Spanish).
- Ascending classification, descending classification, text mining, text indexing.
- Colouring and classification of classes in order of importance.
- Permanent access to the original texts in interaction with its dictionary.
- Factorial analysis in coordinates, correlations, contributions, and networks.
- Specific vocabulary of crossed variables and forms correlations.
- Vocabulary growth curves per grammatical category, per individual and class.
- Time analysis, disc of proximity.
- Crossing of variables or words at several levels, simplified or complete.
- Text cartography per class, per individual and per textual unit.
- Concordances of forms and repeated segments.
- Comparison of texts via processing or processing.
- Detailed report, summary report, comparison of classes and individuals, reminder, Feedback.
- Simplified or advanced parameters.
- Synonyms and words to exclude.
- Formatting and cleaning module of the corpus, library of variables.
- AlcesteGraph, AlcesteWriter.