

Information System of Thematic Apperceptive Testing

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Progressive global computerization necessitates the creation of new and improvement of existing information systems that help in different real life fiels, and a psychologie is one of them. To support an increased interest in psycholinguistic researches became an actual scientific and practical task. (i.e. [3]). All these aspects determine the relevance of the study. That is why the aim is to develop an information system to improve the implementation of the thematic apperceptive Ukrainian language testing and initial analysis of results.

To achieve the goal, the followed should be done:

- Explore features psycholinguistic analysis of the text;
- Determine the potential users of the information systems (IS) of psychological testing;
- Analyze and identify the functions and characteristics of such ISs;
- Develop a model information system thematic apperception test (TAT).

During the study, was discussed various types of thematic apperceptive tests were investigated, information systems for psychological tests were analysis and compared. Specifically focused on program LIWC - Linguistic Inquiry and Word Count, used in the framework of classical TAT to Internet resources The Online Research Consortium Platform was evaluated in terms of convenience, adaptability and quality of the results and their consistency with real figures. It appeared that this IS works well and delivers reliable results that are displayed on a single click of a button. However, with the English-native speakers, this test really able to show qualitative results. And for people who do not speak English at such a good level to express their opinions easily, the results may not show the true emotional state of the person. Therefore, it would be better if this program exists in the Ukrainian version, and therefore have sufficient resources to provide significant emotional state of Ukrainian-speakers. Such IS will be served for the psycholinguistic analysis of texts, produced in Ukrainian, and will be open to improvement. These and other characteristics of ICs are convenient for potential users.

Potential users of IP			
Psychologists and psychotherapists	Psychologists military wing	Psychologists in the prison field	HR and recruiters
adjuvant to analyze the mental state of the client; tracking customer progress	adjuvant in the diagnosis, treatment of PTSD	adjuvant in decisions on early release	determination of the general atmosphere in the team; understanding of mental health workers

The appropriate IS initially receives a text as a story describing some special picture. Then the required characteristics of the text are determined. Then calculations made, systematized quantitative data with psycholinguistic tools, and information system produces results.

To achieve the goal of the study, the features of psycholinguistic text analysis were done, the range of potential users of the information system testing was determined, the characteristics of IS were analyzed, and its function determined. Prospects for future research are a versatile updating of IS resources: adding new factors to analyze text data; replenishment database of words that indicate a psychological condition; improvement of IS in general.

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