

A visual analytics system for a flow of conversation in counseling

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Abstract

This paper shows a visual analytics system of flows of conversations in counseling. The expert counselors give the beginner counselors advices about the counseling contents. However, under the circumstances, the expert counselors read text data of the counseling content writing with eyes, and they cannot analyze the counseling enough. Therefore, as this suggestion system, we visualized distribution changes along the progress with stacked line graphs at the times of the psychological word groups and expressed the question forms from counselors in vertical lines on a graph. Before the visualization, the system performs morphological analysis of counseling transcription text data and looks for the words in conjunction with the groups. We had an expert counselor use this system and had a review that it would be possible for an objective counseling evaluation if this study advanced more.