

Working in progress

New Philosophical Perspective on Research and Statistics

(Analytical Thinking with Holistic Thinking and Systematic Inventing Thinking)

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Abstract

The most important element of making research a useful endeavor is the correct formulation of the research problem and hypothesis. The way to do this is to establish the research problem and its solution on the correct philosophical foundation. Because a study that lacks a philosophical basis and is not based on a systematic approach is not sufficient for a useful and effective research result, no matter how creatively it is studied on a good subject. Our aim in this study is to discuss analytical thinking, which has been prominent in investigative thought in recent years, and systematic inventive thinking, which is based on holistic thinking, proposed by some researchers in recent years, and the related gestalt theory. We believe that these different philosophical approaches are necessary to be considered together in the research, in terms of the structure of their subjects, accessing more detailed data and creating more complex analysis combinations.

Table 1.

