

Confidence in the research criteria

David Lilue

November 2017

Analysis

First of all, to conduct a research requires previous knowledge and some nonconformity about it. Maybe a lack of approval or belief that a misconception exist. In the beginning, when the human start to understand its environment and itself, the current knowledge came from basic developed instincts and the first observation must have been the self-consciences.

The observation is the most essential, also primitive, tool for a researcher. It's so relevant, that it has been standardized in the scientific method. In conjunction with other important steps. This methodology is basically a description of the human nature, reached by consensus, to be applied on every area of the current community understanding.

Every research is developed for a community and to accomplish that, it is necessary a methodology. Even more important, the need of standards to have the sufficient and well defined proves to convince that community. Those standards try to be objective and impartial. But there is a possibility that this measure of validity of a research is erroneous, even subjective, and our knowledge will be questionable.

So, how it is possible to trust on those research criteria? There is not truly answer to this, because the human knowledge lies on a specific and reduced spectrum of the reality. The same question could be reformulated as, we trust ourselves? Until now, this measure fits well on our process of understanding and let us work together in a common path. On the other hand, the way a research should be conducted, those standards, have been adapted and molded to the human being from its first observation, also have changed since then to the present and will always be changing.

Therefore, until now we could trust in our way of conducting a research, the research criteria were not established in a day, they have been standardized and modified since the beginning of the understanding.