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STAGES OF STATISTICAL RESEARCH OF DEPENDENCIES, GOAL-ORIENTED

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Statistics

Statistics are statistics about quantitative changes. And its main task is to identify and describe the existing relationships between them on the basis of particular results of statistical observation of the analyzed indicators.

Purpose of research

- establishing the very fact that there is (or is not) a relationship between Y and X;
- * forecast of Y or average Y values;
- * identification of causal relationships between variables X and indicators Y, partial management of Y values by adjusting the values of explanatory variables X .

Stages in the process of statistical study of dependencies

- 1) staged
- 2) informational
- 3) correlation analysis
- 4) definition of the class of acceptable solutions
- 5) analysis of predictive variables and selection of the most informative ones

Accuracy of the coupling equation

Let's look at the "mechanism for detecting a cause-and-effect relationship". Its implementation remains very problematic, since it requires a lot of effort to study the mechanism of converting variables X to Y , which is not always possible to do.

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