

Metrological Assurance of Comparability of Influencing Factors in Complex Configurations

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We have shown the need to ensure metrological compliance between various parameters included in the structure of functionally complex qualimetric models. Based on the results of the study, we have developed a structural scheme of the influence of psychosomatic parameters of the state of the human body on the feeling of a certain level of quality of life. It is objectively and latently determined by its functional and variable biological damage. Next, we obtained a linear model of the influence of deviations from the nominal value of the parameters that form the body's FBP on the intensity of changes in this latent indicator of people's quality of life. In addition, we have proposed a methodology for metrological unification of the parameters of the model of changes in the body's FBP, as well as a methodology for ensuring comparability of deviations of psychosomatic parameters of the body.

We believe that these methods should be used in the analysis of other qualimetrically difficult to formalize functional configurations, in particular, the psychological profile.

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